DEPARTMENT OF TRANSPORTATION

MnPAVE-Rigid 2.0

Derek Tompkins, Principal Investigator
American Engineering Testing, Inc.

May 2018

Research Project
Final Report 2018-17

To request this document in an alternative format, such as braille or large print, call 651-366-4718 or 1-800-657-3774 (Greater Minnesota) or email your request to ADArequest.dot@state.mn.us. Please request at least one week in advance.

1. Report No. MN/RC 2018-17	2.	3. Recipients Accession No.	
4. Title and Subtitle MnPAVE-Rigid 2.0		5. Report Date May 2018 6.	
7. Author(s) Derek Tompkins		8. Performing Organization Report No.	
9. Performing Organization Name and Address American Engineering Testing, Inc. 550 Cleveland Ave N St. Paul, Minnesota 55114		10. Project/Task/Work Unit No. 11. Contract (C) or Grant (G) No. (c) 1028076	
12. Sponsoring Organization Name and Address Minnesota Department of Transportation Research Services & Library 395 John Ireland Boulevard, MS 330 St. Paul, Minnesota 55155-1899		13. Type of Report and Period Covered Final Report 14. Sponsoring Agency Code	
15. Supplementary Notes http://mndot.gov/research/reports/2018/201817.pdf			
16. Abstract (Limit: 250 words) This project implemented additional features into MnPAVE-Rigid, leading to a new version of MnDOT's rigid pavement design software. The database of American Association of State Highway Transportation Officers (AASHTO) mechanistic-empirical (M-E) pavement design projects was expanded to account for additional design inputs. A new codebase using the Java scripting language was developed to provide MnDOT with direct control over the software. The representation of traffic loads was expanded to use design lane factors and an axle load spectra estimator to reflect truck proportions from MnDOT traffic reports; in turn, new reliability criteria were adopted for traffic volumes. The project effort included sensitivity studies of the AASHTO M-E software for all stages of the project, from investigating new design inputs, to debugging the original damage calculation, validating the database of AASHTO M-E projects, and testing the implementation of new features. The project is fully documented in this final report, which includes a software user's guide, the database of all AASHTO M-E design projects, and the full Java source code.			
17. Document Analysis/Descriptors Concrete pavements, Mechanistic-empirical pavement design		18. Availability Statement No restrictions. Document available from: National Technical Information Services, Alexandria, Virginia 22312	
19. Security Class (this report) Unclassified	20. Security Class (this page) Unclassified	21. No. of Pages 526	22. Price

MNPAVE-RIGID 2.0

FINAL REPORT

Prepared by:

Derek Tompkins
American Engineering Testing, Inc.

May 2018

Published by:

Minnesota Department of Transportation
Research Services & Library
395 John Ireland Boulevard, MS 330
St. Paul, Minnesota 55155-1899

This report represents the results of research conducted by the authors and does not necessarily represent the views or policies of the Minnesota Department of Transportation or American Engineering Testing, Inc. This report does not contain a standard or specified technique.

The authors, the Minnesota Department of Transportation, and American Engineering Testing, Inc., do not endorse products or manufacturers. Trade or manufacturers' names appear herein solely because they are considered essential to this report because they are considered essential to this report.

ACKNOWLEDGEMENTS

The author gratefully acknowledges the support of the Minnesota Department of Transportation and the assistance of the project technical liaison, Mr. Tim Andersen of the Minnesota Department of Transportation (MnDOT) Office of Materials and Road Research. The author also thanks the technical advisory panel and Prof. Lev Khazanovich of the University of Pittsburgh for their review and comments on the project work. The technical advisory panel for this project consisted of the following members.

- Mr. Tom Burnham, MnDOT Office of Materials and Road Research
- Mr. Tim Clyne, MnDOT Metro
- Mr. Shongtao Dai, MnDOT Office of Materials and Road Research
- Ms. Christine Dulian, MnDOT District 6
- Mr. Steven Henrichs, MnDOT Office of Materials and Road Research
- Ms. Maria Masten, MnDOT Office of Materials and Road Research
- Mr. Curt Turgeon, MnDOT Office of Materials and Road Research
- Mr. Joel Ulring, MnDOT State Aid
- Mr. Matt Zeller, Concrete Pavement Association of Minnesota

In addition the author thanks the technical liaison and advisory panel from the original MnDOT research project, “Simplified Design Table for Minnesota Rigid Pavements,” which developed the initial version of MnPAVE-Rigid.

TABLE OF CONTENTS

CHAPTER 1: Background 1

CHAPTER 2: Design Procedure Changes 2

2.1 Expanded AASHTO M-E database 2

2.1.1 Final revised database parameters 2

2.1.2 Sensitivity study to revise database 4

2.1.3 Special investigation of subgrade parameters 9

2.2 Load axle spectra 11

2.3 Revised damage calculation 12

2.4 Traffic design lane factor 14

2.5 Revised performance criteria 14

CHAPTER 3: Software Implementation Changes 16

3.1 New source code for user interface software 16

3.2 Traffic volume and load axle spectra selection 16

3.3 Design report form 17

3.4 Adoption of a program installer 18

CHAPTER 4: User's Guide to Final Software 19

4.1 Program installation 19

4.2 Designing a project with installed program 20

4.2.1 Main tab 20

4.2.2 Load axle spectra selector tab 23

4.2.3 Defaults tab 24

4.3 Examples 24

4.3.1 I-35 Southbound near Faribault 25

4.3.2 Segments of TH-63 near Red Wing 27

REFERENCES 33

APPENDIX A: Project source code

APPENDIX B: Revised AASHTO M-E database

LIST OF FIGURES

Figure 2.1: Influence chart to correlate FD from sensitivity study with equivalent MnPAVE-Rigid pavement design thickness 4

Figure 2.2: Sensitivity of damage to changes in base and subbase thickness (in a composite 16-inch sublayer); reported damage relative to damage of 7-inch JPCP basis project 6

Figure 2.3: Sensitivity of damage to changes to (a) subbase thickness and (b) MnDOT-specified gradation; reported damage relative to damage of 7-inch JPCP basis project 7

Figure 2.4: Sensitivity of damage of special projects relative to damage of 7-inch JPCP basis project from design table database 9

Figure 2.5: Comparison of calculated damage for otherwise equivalent projects using A4 and A6 subgrades (with identical subgrade modulus of elasticity) 10

Figure 2.6: Changes to k-value and bottom-up damage when modifying A-6 project on input-by-input basis with A-4 properties (with actual values as bar labels) 11

Figure 2.7: A traffic report used by project engineer to estimate traffic volume and axle load spectra 12

Figure 2.8: Inconsistent design thickness from MnPAVE-Rigid 2.0 (September 2016 build) for two projects given increasing truck volumes [figures provided by MnDOT OMRR] 12

Figure 2.9: Comparison of design thickness values from the September 2016 build and the revised July 2017 build of the MnPAVE-Rigid 2.0 software 13

Figure 2.10: New reliability criteria for Metro and Districts outside of Metro 15

Figure 3.1: The Load Spectra Selector tab selects the most appropriate of three specially developed axle load spectra given MnDOT traffic report truck distributions 17

Figure 4.1: (a) Installation program file in Windows environment and (b) installed, completed MPR directory 19

Figure 4.2: Screenshots for each step in the MPR installation process 20

Figure 4.3: Screenshot of Main tab in the MPR interface 22

Figure 4.4: (a) PDF report for unmodified default values and (b) PDF report for project that in which Defaults tab inputs were unlocked 23

Figure 4.5: The Defaults tab lists special inputs for research and implementation purposes 24

Figure 4.6: Design for I-35W southbound near Faribault in District 6 26

Figure 4.7: Map of pavement construction area for I-35 example 27

Figure 4.8: Entry of proportions of truck axles (by class) in the Load Spectra Selector tab 29

Figure 4.9: Design for Segment 1 of TH-63 near Red Wing in District 6 30

Figure 4.10: Design for Segment 2 of TH-63 near Red Wing in District 6 31

Figure 4.11: Map of pavement construction area for TH-63 example 32

LIST OF TABLES

Table 2.1: Final expanded design parameters for the database of AASHTO M-E projects 3

Table 2.2: Layer details for project basis for sensitivity study, taken from MnPAVE-Rigid MEPDG project database (project designation C1L2H03F3J2E2) 4

Table 2.3: Layer details for base and subbase thickness studies 5

Table 2.4: Layer details for MnDOT-gradation study 6

Table 2.5: Layer details for subgrade study 7

Table 2.6: Layer details for special projects in sensitivity study 8

Table 2.7: Subgrade input parameters by AASHTO classification 11

Table 2.8: Design lane factors used in calculation of total heavy commercial trucks 14

Table 2.9: New performance criteria for TAP review for MPR implementation project 14

EXECUTIVE SUMMARY

The Minnesota Department of Transportation rigid pavement design procedure, MnPAVE-Rigid, was created under the MnDOT-sponsored research project, “Simplified Design Tool for Minnesota Concrete Pavements” (Tompkins and Khazanovich, 2014). MnPAVE-Rigid provides state and local pavement engineers with a rigid pavement design procedure that is based on the American Association of State Highway Transportation Officials (AASHTO) mechanistic-empirical (M-E) pavement design procedure.

This project, titled “MnPAVE-Rigid 2.0,” implemented additional features into MnPAVE-Rigid, leading to a new version of the rigid pavement design software. Those new features include:

- An expanded database of 21,168 AASHTO M-E projects that account for additional design inputs for base thickness and base materials
- A new codebase in Java that provides the MnDOT Office of Materials and Road Research (OMRR) with direct control over the software moving forward
- More accessible traffic calculation, including design lane factors and a load spectra estimator that allows designers to select the appropriate load spectra given a MnDOT traffic report
- A project report feature that prints project design inputs and recommended design thickness to a portable document file (PDF)
- New default reliability criteria by location and traffic volume for all projects

In addition, the project effort included sensitivity studies of the AASHTO M-E software to investigate other inputs that may be appropriate for Minnesota projects; debugging of the damage calculation subprocess; validation of the database of AASHTO M-E projects; and varied testing activities to review the implementation of new features.

Interim builds and the final build of the software were reviewed and tested by members of the technical advisory panel (TAP). The research team worked closely with the technical liaison to implement revisions and changes recommended by the TAP. The priority that was placed on TAP input insured that the final research products address MnDOT interests directly.

Thus, the final products from this project represent (A) a revised procedure for Minnesota rigid pavement design and (B) revised software to access the revised design procedure. An additional benefit of the project effort is that the software source code uses a ubiquitous, accessible programming language so that future revisions to the software can be tested and implemented directly by MnDOT.

CHAPTER 1: BACKGROUND

The Minnesota Department of Transportation's (MnDOT) new rigid pavement design procedure, MnPAVE-Rigid, was initiated under the sponsored research project, "Simplified Design Tool for Minnesota Concrete Pavements" (Tompkins and Khazanovich, 2014). The original MnPAVE-Rigid was a standalone 32-bit Windows executable program that replaced RigidPave, MnDOT's previous design procedure that was based on the American Association of State Highway Transportation Officers (AASHTO) 1993 design procedure for rigid pavements.

The original MnPAVE-Rigid was developed using the AASHTO mechanistic-empirical (M-E) design procedure. AASHTO M-E accounts for conditions not considered by the AASHTO 1993 procedure, most notably environmental loads. As RigidPave's successor, it was important to the MnDOT Office of Materials and Road Research (OMRR) that the new design procedure and software:

- Include M-E analysis
- Use key inputs to simplify project design
- Achieve the accessibility of MnDOT's design software for flexible pavements, which was then known as "MnPave" but is now referred to as MnPave Flexible
- Customize the AASHTO M-E procedure for Minnesota conditions

To localize the use of AASHTO M-E for Minnesota conditions, the original MnPAVE-Rigid effort involved the development of a database of AASHTO M-E pavement projects that accounted for:

1. The use of local climate data and weigh-in-motion traffic data
2. Previously conducted calibrations of the AASHTO M-E procedure for Minnesota pavements (Velasquez et al, 2009)
3. The inclusion of advanced analysis features included in MnPave Flexible

The original MnPAVE-Rigid was thus created using version 1.1 of the Mechanistic Empirical Pavement Design Guide (MEPDG) software.

Because of the importance of including MnDOT feedback on the software and design experience, the development of the original made the utmost effort to revise the software accordingly. However, after the creation of the final build of the software and completion of the original project, and after more users began to use the program, feedback on the design and/or software continued.

This implementation project was initiated to (A) address feedback on the original MnPAVE-Rigid procedure and software and, in the process, (B) expand and improve the original MnPAVE-Rigid without significantly changing the design procedure or user experience with the software. The following chapters document changes to the design procedure, changes to the software, and a basic user's guide for the revised MnPAVE-Rigid software.

CHAPTER 2: DESIGN PROCEDURE CHANGES

While the overall design method used by the revised MnPAVE-Rigid – i.e., “MnPAVE-Rigid 2.0” –is identical to that of the original MnPAVE-Rigid, this method now accounts for an expanded database and new design features, which are summarized in the sections below. (The MnPAVE-Rigid 2.0 software and procedure are abbreviated henceforth as “MPR.”)

2.1 EXPANDED AASHTO M-E DATABASE

A major interest of the project technical advisory panel (TAP) was the inclusion of additional design values to expand the underlying database of AASHTO M-E projects. As a result a new database consisting of 21,168 projects was designed, built, and validated using the methods described in the final report for the original MPR project (Tompkins and Khazanovich, 2014). The new design values for MPR are discussed in the subsections below, and the final expanded database for the MPR procedure is provided in Appendix B.

2.1.1 Final revised database parameters

The initial project work included a sensitivity study and investigation of selected parameters; that effort is described in other subsections within this section. Given the results of these studies, the TAP selected the following additional design values for an expanded AASHTO M-E database for the MnPAVE-Rigid software.

Base type

- *Class 5* now uses both MnDOT gradation and modulus. (The original MPR used MnDOT modulus and an assumed AASHTO A-1-a gradation for the base.)
- *Class 5Q* using MnDOT gradation and modulus.
- *Open-graded Aggregate Base (OGAB)* using MnDOT gradation and modulus.

Base Thickness

- *12 inches* (The base layer thickness is considered within a composite 16-inch sublayer. Thus, the 12-inch base is on a 4-inch subbase, and the 4-inch base is on a 12-inch subbase. This is assumed to avoid difficulties with the climatic modeling subprocess in the AASHTO M-E procedure.)

Subbase Thickness

- No change as A) climatic modeling subprocess for AASHTO procedure presents difficulties with thickness changes and B) sensitivity study revealed that MEPDG is largely insensitive to variation in subbase thickness.

Subgrade Type

- No change, as the use of *soil (A-4)* in the AASHTO M-E procedure creates issues that currently cannot be explained.

All projects were created using version 1.1 of the Mechanistic-Empirical Pavement Design Guide (MEPDG). More details on the use of MEPDG is provided in the original project report (Tompkins and Khazanovich, 2014). The expanded AASHTO M-E database created during this project is summarized in Table 2.1.

Table 2.1: Final expanded design parameters for the database of AASHTO M-E projects

MEPDG Design Features							
			Joint Design		Base Properties		
Climate	Curl/Warp Eff Temp Diff	Sealant Type	Dowel Diameter	Dowel Spacing	Erodibility Index	PCC-Base Interface	Loss of Friction
MN Districts	-10	Liquid	1, 1.25, or 1.5 (MnDOT spec)	12	Erosion Resistant (3)	Full friction contact	360

MEPDG Structure - Layer 1 - JPCP							
PCC General		PCC Thermal			PCC Mix		
Unit Weight	Poisson's Ratio	COTE	Thermal Conductivity	Heat Capacity	Cement content	W/C Ratio	Aggregate
150	0.2	5	1.25	0.28	500	0.40	Limestone

MEPDG Structure - Layer 2 - Base					
		Strength Properties - Level 3			
Material	Thickness	Poisson's	CoLP, Ko	Modulus	Notes
Class 5	4 or 12	0.35	0.5	35640	MnDOT gradation; modulus from MnDOT lab
Class 5 Quality	4 or 12	0.35	0.5	*45000*	MnDOT gradation; *MnDOT est. modulus*
Open-Graded Agg	4 or 12	0.35	0.5	*45000*	MnDOT gradation; *MnDOT est. modulus*

MEPDG Structure - Layer 3 - Subbase					
		Strength Properties - Level 3			
Material	Thickness	Poisson's	CoLP, Ko	Modulus	Notes
A-3	*12 or 4*	0.35	0.5	18350	Values est Select Granular; modulus from MnDOT lab; composite base thickness 16 in. avoids EICM issues

MEPDG Structure - Layer 4 - Subgrade				
		Strength Properties - Level 3		
Material	Thickness	Poisson's	CoLP, Ko	Modulus
A-6	Semi-infinite	0.35	0.5	14000

2.1.2 Sensitivity study to revise database

To exaggerate the response of projects to input changes, all projects assumed as a basis the same 7-inch JPCP project (designation C1L2H03F3J2E2 in the original database). More details on this project can be found in Table 2.2 and in the original MPR final report (Tompkins and Khazanovich, 2014). The basis project has a 7-inch PCC slab with flexural modulus of 590 psi over a 4-inch Class 5 base and 12-inch Select Granular subbase. Other design properties include 15' joint spacing, paved shoulder (i.e. 40% LTE), and widened slab. The PCC properties and design features were assumed for all projects in the sensitivity study, including a design life of 20 years and traffic of 2000 AADTT.

Table 2.2: Layer details for project basis for sensitivity study, taken from MnPAVE-Rigid MEPDG project database (project designation C1L2H03F3J2E2)

Project	**h_{PCC}**	**Base Type**	**h_{base}**	**Subbase Type**	**h_{sub}**	**Subgrade**	**Notes**
Basis (District 1)	7	CL5 (A-1-a)	4	SG (A-3)	12	Clay (A-6)	Layer details in Table 2.1; 2000 AADTT, no growth, 20 years

Table 2.3 through Table 2.6 detail the various projects investigated for this small factorial of simulations. Figure 2.2 through Figure 2.4 report the sensitivity of performance in terms of a fatigue damage ratio, *FD*, which is ratio of the final bottom-up damage for the project basis, BU_{basis}, to the final bottom-up damage for a given Project X, BU_X, or $FD = \frac{BU_{basis}}{BU_X}$. Thus, a value of *FD* greater than 1 implies that Project X experiences less damage than the basis project for the same traffic and environmental loading conditions. *FD* can be used with Figure 2.1 to determine the effect of the change relative to the performance of a MnPAVE-Rigid pavement design project with PCC thickness h_{PCC}.

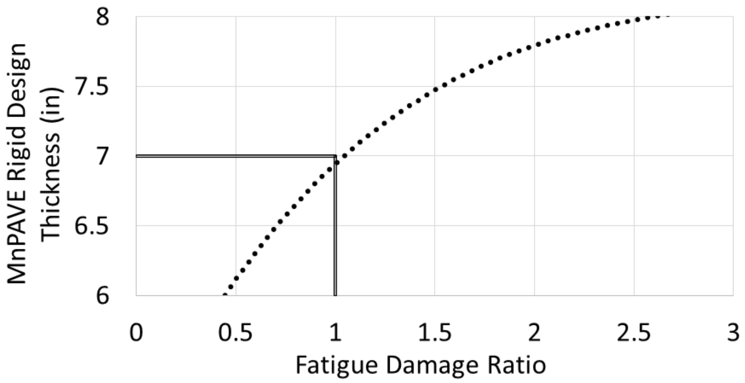


Figure 2.1: Influence chart to correlate FD from sensitivity study with equivalent MnPAVE-Rigid pavement design thickness

Effect of sublayer thicknesses: Table 2.3 summarizes projects developed to study the effect of base and subbase layer thickness on project performance. These factorials fall into one of two categories:

A) investigating the difference in performance of systems with a composite 16-inch sublayer (i.e base thickness plus subbase thickness) or
B) investigating the effect of changes to subbase thickness in the 7-inch basis project.

A composite 16-inch sublayer is used to mimic the base and sublayer thicknesses adopted in the original MPR database. Figure 2.3a illustrates that the MEPDG is relatively insensitive to changes to subbase thickness: here the difference between the three systems is hardly discernable. Figure 2.2 illustrates that while changes to the base thicknesses can vary performance, these changes do not result in significant performance gains. For instance, the performance of the projects with base thickness of 8+ inches all correlate to fatigue damage levels of around 1.2, which equates to a roughly 7.2-inch project in the original MnPAVE-Rigid database.

Table 2.3: Layer details for base and subbase thickness studies

Project	h_{PCC}	**Base Type**	h_{base}	**Subbase Type**	h_{sub}	**Subgrade**	**Notes**
BASE_CL5_02	7	CL5 (A-1-a)	2	SG (A-3)	14	Clay (A-6)	No subbase to avoid EICM issues; Design identical to basis other than h_{base} and no subbase
BASE_CL5_04	7	CL5 (A-1-a)	4	SG (A-3)	12	Clay (A-6)	″
BASE_CL5_06	7	CL5 (A-1-a)	6	SG (A-3)	10	Clay (A-6)	″
BASE_CL5_08	7	CL5 (A-1-a)	8	SG (A-3)	8	Clay (A-6)	″
BASE_CL5_10	7	CL5 (A-1-a)	10	SG (A-3)	6	Clay (A-6)	″
BASE_CL5_12	7	CL5 (A-1-a)	12	SG (A-3)	4	Clay (A-6)	″
BASE_CL5_14	7	CL5 (A-1-a)	14	SG (A-3)	2	Clay (A-6)	″
SUB_06	7	CL5 (A-1-a)	4	SG (A-3)	6	Clay (A-6)	Design identical to basis other than subbase thickness
SUB_12	7	CL5 (A-1-a)	4	SG (A-3)	12	Clay (A-6)	Design identical to basis
SUB_18	7	CL5 (A-1-a)	4	SG (A-3)	18	Clay (A-6)	Design identical to basis other than subbase thickness

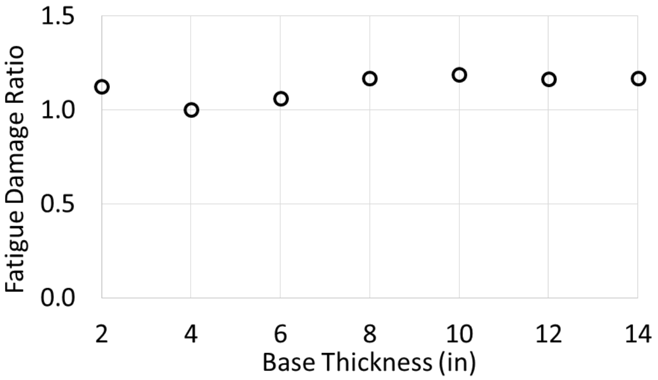


Figure 2.2: Sensitivity of damage to changes in base and subbase thickness (in a composite 16-inch sublayer); reported damage relative to damage of 7-inch JPCP basis project

Effect of base aggregate gradation: Table 2.4 summarizes projects developed to study the effect of gradations for special MnDOT base materials: Class 5 (CL5, Class 5 Quality (CL5Q), Drainable Stable Base (DSB), and Open-Graded Aggregate Base (OGAB). The specified gradation and modulus values (45,000 psi for CL5Q, DSB, and OGAB) were provided to the research team by the TAP. Figure 2.3b reports the performance of these projects relative to the basis project, which simulates MnDOT Class 5 using the default AASHTO gradation associated with A-1-a and a modulus value of 35,640 psi, as reported in the original MnPAVE-Rigid. Overall, varying gradation affects the damage experienced by the pavement, Figure 2.3c illustrates that this effect is not pronounced – using Figure 2.1, the difference in *FD* could potentially account for less than one-quarter inch. However, as these input parameters may be important to engineers, their incorporation into the MEPDG database should be considered.

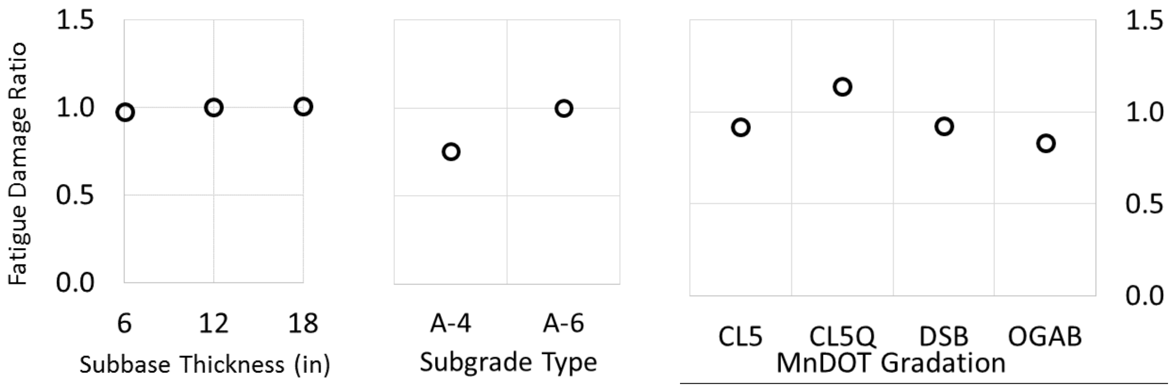
Table 2.4: Layer details for MnDOT-gradation study

Project	**h_{PCC}**	**Base Type**	**h_{base}**	**Subbase Type**	**h_{sub}**	**Subgrade**	**Notes**
GRAD_CL5	7	CL5	4	SG	12	Clay (A-6)	Design identical to basis other than base gradation
GRAD_CL5Q	7	CL5	4	SG	12	Clay (A-6)	Design identical to basis other than base gradation (provided by MnDOT) and base modulus (45k)
GRAD_DSB	7	DSB	4	SG	12	Clay (A-6)	*Same as above*
GRAD_OGAB	7	OGAB	4	SG	12	Clay (A-6)	*Same as above*

Effect of subgrade material: Table 2.5 summarizes projects built to investigate subgrade materials common to Minnesota paving conditions. The study examines two subgrade types: A) the clay (A-6) clay soil subgrade with modulus 14,000 psi that is the default in the original MnPAVE-Rigid and B) a silty soil (A-4) with AASHTO default modulus of 15,000 psi. Figure 2.3b illustrates that there is sensitivity to subgrade type, and that for an otherwise identical pavement system, soil (A-4) will result in more damage to the system than clay (A-6). The difference in damage in this study can be correlated to nearly one-half inch in slab thickness, according to Figure 2.1.

Table 2.5: Layer details for subgrade study

Project	**h_{PCC}**	**Base Type**	**h_{base}**	**Subbase Type**	**h_{sub}**	**Subgrade**	**Notes**
SUBGR_A4	7	CL5 (A-1-a)	4	SG (A-3)	12	Silty Soil(A-4)	Subgrade has AASHTO modulus of 15k



(a) **(b)** **(c)**

Figure 2.3: Sensitivity of damage to changes to (a) subbase thickness and (b) MnDOT-specified gradation; reported damage relative to damage of 7-inch JPCP basis project

Special projects: Table 2.6 summarizes MEPDG projects built and run to investigate special designs suggested by members of the TAP either at TAP meetings or in email communication. Figure 2.4 reports the performance of these special projects relative to the basis project. A few projects have designs that differ in ways comparable to thicker and thinner MnPAVE-Rigid projects. For instance, the project "3L_DS04," which has a 7-inch slab on 4-inch DSB without a subbase, has a fatigue damage ratio of 0.72. Using Figure 2.1, one finds that the ratio 0.72 corresponds to a MnPAVE-Rigid system of roughly 6.5 inches. Thus the lack of the subgrade and change to the base material forces the pavement to "lose" an effective half-inch in performance. On the other hand, the project "4L_5Q06_SG12," which has a 7-inch slab on a 6-inch Class 5Q base and 12-inch Select Granular subbase, has a fatigue damage ratio of 1.29, meaning it outperforms the 7-inch basis project. Using Figure 2.1, one finds that the ratio 1.29 corresponds to a MnPAVE-Rigid system of roughly 7.28 inches.

Table 2.6: Layer details for special projects in sensitivity study

Special Project	h_{PCC}	**Base Type**	h_{base}	**Subbase Type**	h_{sub}	**Subgrade**	**Notes**
3L_CL5Q04	7	CL5Q	4			Clay (A-6)	Base modulus/gradation provided by MnDOT
3L_CL5Q06	7	CL5Q	6			Clay (A-6)	"
3L_CL5Q12	7	CL5Q	12			Clay (A-6)	"
3L_DSB04	7	DSB	4			Clay (A-6)	"
3L_DSB06	7	DSB	6			Clay (A-6)	"
3L_DSB12	7	DSB	12			Clay (A-6)	"
4L_DSB04_CL504	7	DSB	4	CL5	4	Clay (A-6)	"
4L_DSB04_SG12	7	DSB	4	SG	12	Clay (A-6)	"
4L_DSB06_SG12	7	DSB	6	SG	12	Clay (A-6)	"
4L_OGAB04_CL504	7	OGAB	4	CL5	4	Clay (A-6)	"
4L_CL5Q04_SG12	7	CL5Q	4	SG	12	Clay (A-6)	"
4L_CL5Q06_SG12	7	CL5Q	6	SG	12	Clay (A-6)	"
5L_OGAB04_CL504_SG12	7	OGAB	4	CL5	4	Clay (A-6)	Includes 12-inch SG layer after CL5

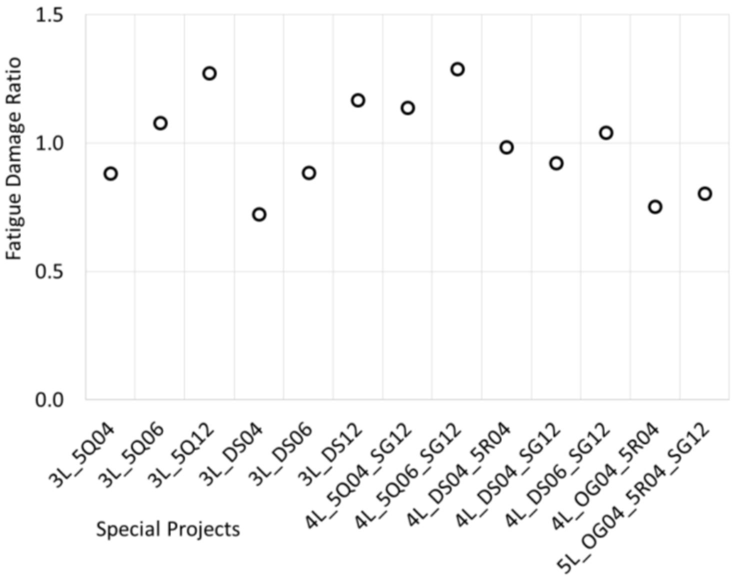


Figure 2.4: Sensitivity of damage of special projects relative to damage of 7-inch JPCP basis project from design table database

2.1.3 Special investigation of subgrade parameters

The sensitivity studies revealed that the use of an A-4 (Soil) subgrade resulted in a greater slab thickness than the original MPR default, A-6 (Clay), for otherwise equivalent projects and traffic loads. This ran contrary to the expectations of the research team and the TAP. As in the case of the base type, the research team developed and ran Pavement ME 2.1.24 projects to determine if the subgrade influence observed in MEPDG 1.1 held in Pavement ME 2.1.24. As was the case for base type, the general trend – that is, the use of A-4 led to more damage in the pavement than the use of A-6 – was found to exist in Pavement ME 2.1.24 (see Figure 2.5).

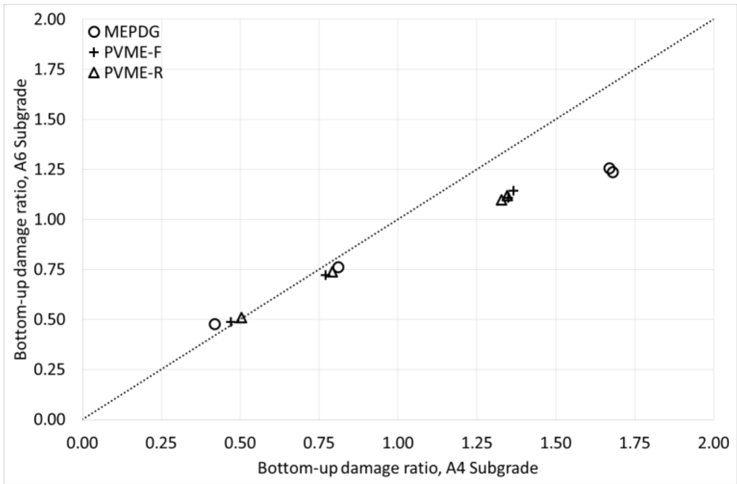


Figure 2.5: Comparison of calculated damage for otherwise equivalent projects using A4 and A6 subgrades (with identical subgrade modulus of elasticity)

Because the TAP was interested in adopting the A-4 subgrade for the expanded MnPAVE-Rigid database, the research team used a series of projects to investigate subgrade input parameters. These projects used a 7-inch JPCP project with MnPAVE-Rigid defaults, most notably an A-6 subgrade, as the basis of a parameter-wise study:

- Each project in the study was a slight modification of the original basis project for one – and one only – subgrade input parameter.
- Each project represents an A-6 subgrade with only of its one parameters changed to the corresponding default value for an A-4 subgrade. Otherwise all other parameters are the A-6 default values. The values for these subgrades are shown in Table 2.7.
- Figure 2.6 illustrates the sensitivity of A) k-value for the final month of the design life and B) cumulative bottom-up damage over the design life to each parameter.

There are a few issues with the results of Figure 2.6, most notably the insensitivity of the calculated k-value to the soil plasticity index. The research team could not explain this insensitivity rationally, and rather than explore the issue further, the research team raised concerns about this parameter-wise behavior to the AASHTO M-E developer. Based on these results, the TAP decided that MPR should avoid the use of the A-4 subgrade.

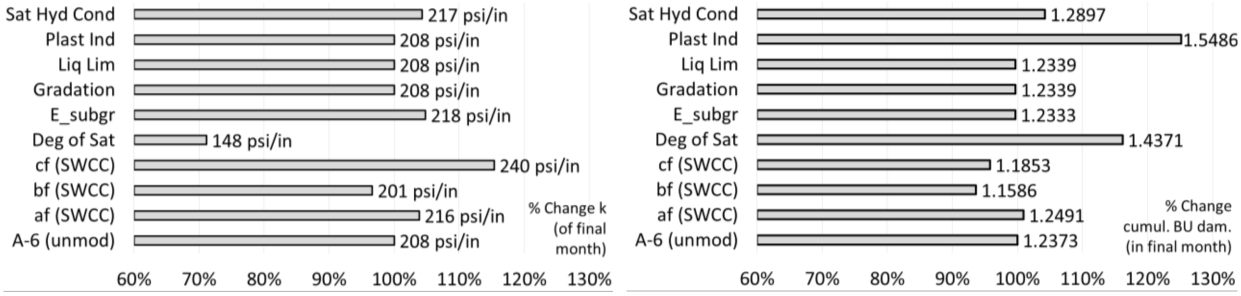


Figure 2.6: Changes to k-value and bottom-up damage when modifying A-6 project on input-by-input basis with A-4 properties (with actual values as bar labels)

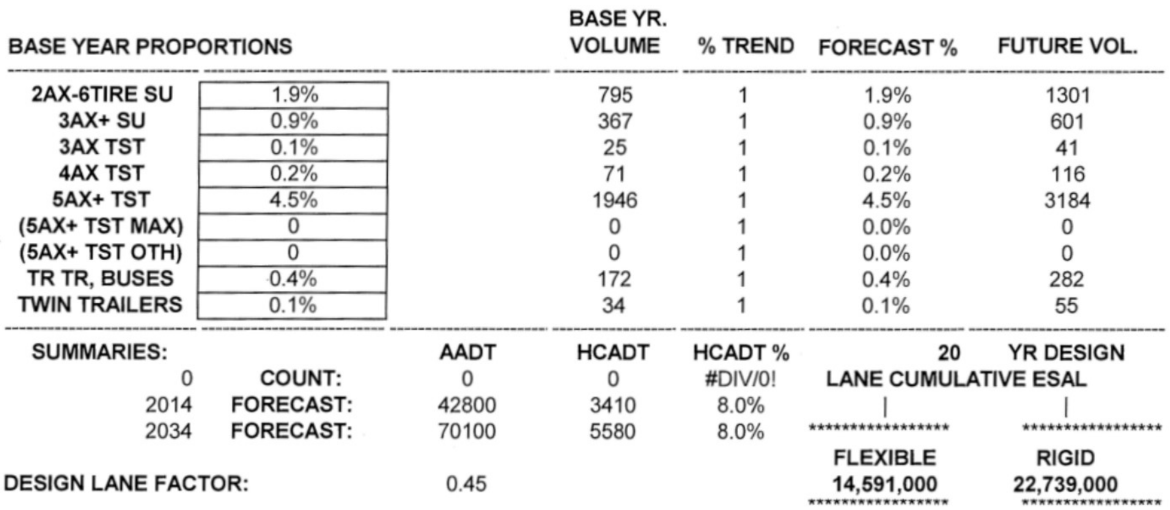
Table 2.7: Subgrade input parameters by AASHTO classification

	E_subgr	Plast Ind	Liq Lim	Sat Hyd Cond	Deg of Sat	af (SWCC)	bf (SWCC)	cf (SWCC)	Gradation
A-6	14k	16	33	2.00E-05	17.1	108.4	0.6801	0.2161	A6.GSD
A-4	15k	5	21	8.30E-06	11.8	68.84	0.9983	0.4757	A4.GSD

2.2 LOAD AXLE SPECTRA

A concern voiced during the development of the original design program was that the axle load spectra input itself would not be familiar to users, and instead of using the input to describe traffic, most users would adjust it to artificially increase or decrease thickness. To address this concern, the final report to the original software proposed a "calculator" to select one of the three axle load spectra given traffic information from a MnDOT traffic report (Figure 2.7).

This calculator has been implemented in the MPR design process. Upon the user entering the base year proportions, the program will automatically select the appropriate axle load spectra for a project. This feature reassures the user and makes certain that the selected axle load spectra fits the traffic proportions described by MnDOT Traffic. More detail on the software implementation of this design feature is included in Chapter 3.



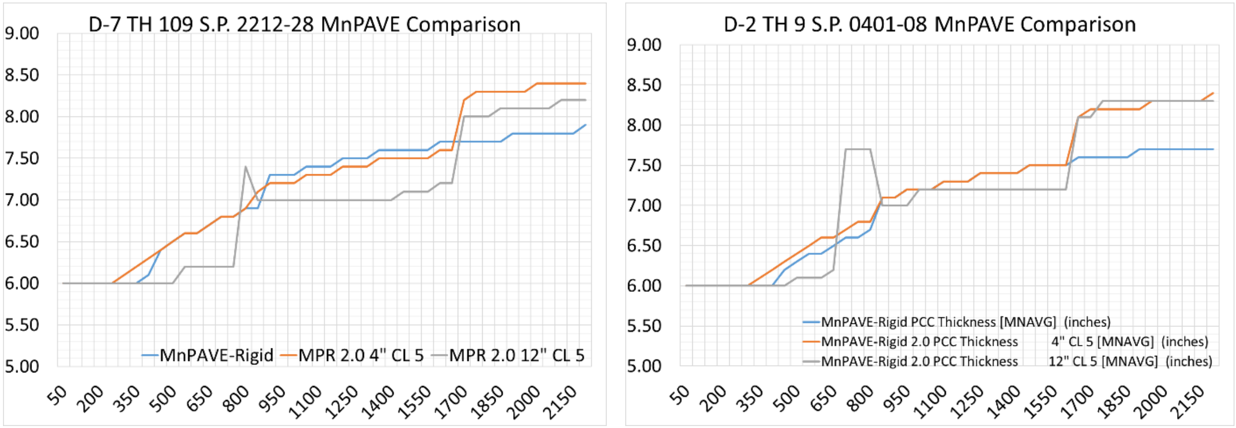
BASE YEAR PROPORTIONS		BASE YR. VOLUME	% TREND	FORECAST %	FUTURE VOL.
2AX-6TIRE SU	1.9%	795	1	1.9%	1301
3AX+ SU	0.9%	367	1	0.9%	601
3AX TST	0.1%	25	1	0.1%	41
4AX TST	0.2%	71	1	0.2%	116
5AX+ TST	4.5%	1946	1	4.5%	3184
(5AX+ TST MAX)	0	0	1	0.0%	0
(5AX+ TST OTH)	0	0	1	0.0%	0
TR TR, BUSES	0.4%	172	1	0.4%	282
TWIN TRAILERS	0.1%	34	1	0.1%	55

SUMMARIES:		AADT	HCADT	HCADT %	20 YR DESIGN LANE CUMULATIVE ESAL	
0	COUNT:	0	0	#DIV/0!	FLEXIBLE	RIGID
2014	FORECAST:	42800	3410	8.0%	14,591,000	22,739,000
2034	FORECAST:	70100	5580	8.0%		
DESIGN LANE FACTOR:		0.45				

Figure 2.7: A traffic report used by project engineer to estimate traffic volume and axle load spectra

2.3 REVISED DAMAGE CALCULATION

In testing interim builds of the revised software, members of the TAP and MnDOT OMRR uncovered inconsistencies in design thickness values for a series of projects (illustrated in Figure 2.8). The spikes and plateaus shown in Figure 2.8 do not follow from the database, the damage calculation, the cracking calculation, and finally the estimation of thickness given reliability and terminal cracking inputs.



(a) **(b)**

Figure 2.8: Inconsistent design thickness from MnPAVE-Rigid 2.0 (September 2016 build) for two projects given increasing truck volumes [figures provided by MnDOT OMRR]

To investigate this issue, the research team examined each of the following:

- The integrity of the AASHTO M-E database;
- The java source code, specifically the code that produces input files for the damage calculation, and;
- The FORTRAN subprocess to calculate damage.

The investigation found that (A) the database and Java front-end software were valid and (B) the calculation of damage was being affected by uncertain implementation of interpolation functions in the International Mathematics and Statistics Library (IMSL). These implementation errors led to mathematical instabilities (not-a-number or "NaN" errors) in the program. The FORTRAN subprocess was revised to resolve NaN issues in its use of IMSL functions, which ultimately eliminated the inconsistencies discovered by MnDOT in the examples OMRR had raised (Figure 2.9).

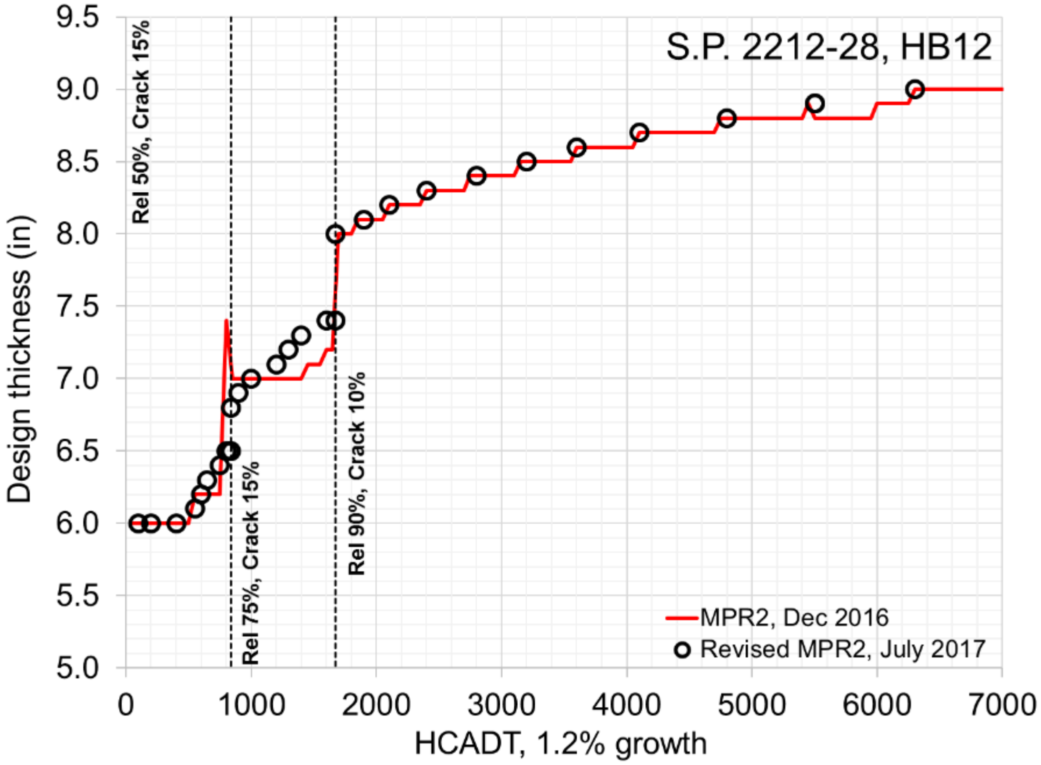


Figure 2.9: Comparison of design thickness values from the September 2016 build and the revised July 2017 build of the MnPAVE-Rigid 2.0 software

2.4 TRAFFIC DESIGN LANE FACTOR

The implementation project consulted the 2012 MnDOT Traffic Forecast Manual to develop a design lane factor, D_f, based on the number of lanes to be constructed (Nelson et al, 2012). Values of D_f are indicated in Table 2.8. These factors adjust the calculated heavy commercial trucks over the service life, T_t. The truck traffic volume used for reliability and performance criteria and damage calculations, T_r, is therefore $T_r = D_f \cdot T_t$.

Table 2.8: Design lane factors used in calculation of total heavy commercial trucks

Number of lanes in both directions (two-way)	2	4	6	8 or more
Design lane factor	1.0	0.9	0.7	0.6

2.5 REVISED PERFORMANCE CRITERIA

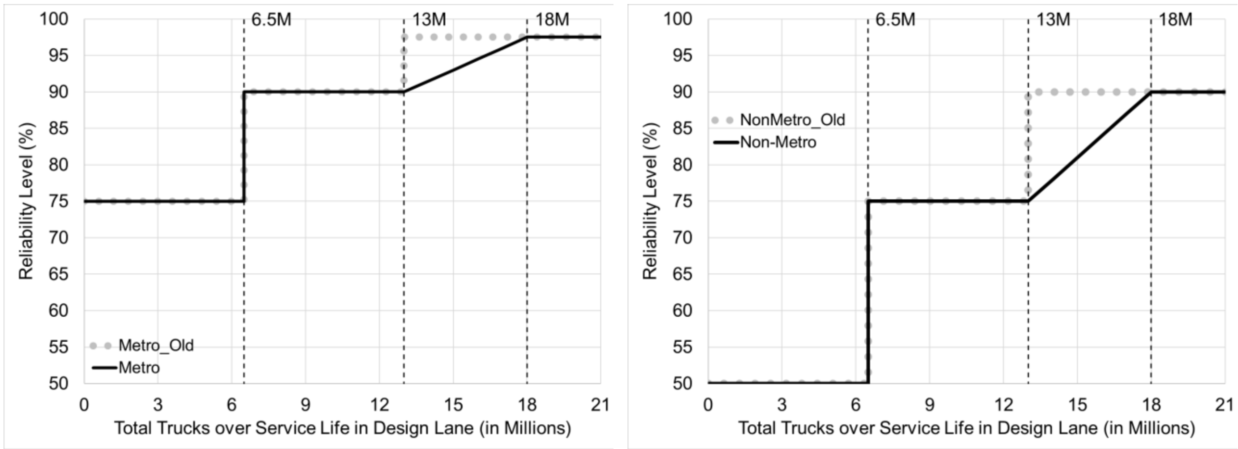
During the MPR implementation project, new criteria for reliability levels were developed that varied based on (1) total trucks and (2) project location (by district). Those criteria are listed in Table 2.9 and illustrated in Figure 2.10, where T_r refers to the adjusted total trucks in millions.

Table 2.9: New performance criteria for TAP review for MPR implementation project

Total heavy commercial trucks over service life (T_r)	**Metro**		**All other districts**	
	Reliability	*Cracking*	*Reliability*	*Cracking*
6.5M or less	75%	6.5%	50%	15%
6.5M to 13M	90%	6.5%	75%	15%
13M to 18M	$1.5(T_r - 13) + 90$	6.5%	$3(T_r - 13) + 75$	15%
18M or more	97.5%	6.5%	90%	15%

The changes were selected by the TAP to smooth the resulting “jump” in design thickness when total trucks exceeded 13 million. Thus an additional traffic tier was added at 18 million trucks. The result of this change is that:

- For 18M trucks or more, the reliability criteria is identical to the criteria established by the TAP in the original MPR project.
- For between 13M and 18M trucks, the reliability will be linearly interpolated between the tiers before and after. This smooth the “jumps” observed from one tier to the next in the previous criteria, and the new criteria will result in slightly thinner slabs at these traffic levels.



(a) **(b)**

Figure 2.10: New reliability criteria for Metro and Districts outside of Metro

CHAPTER 3: SOFTWARE IMPLEMENTATION CHANGES

Significant changes, summarized in the following sections, were made to the MnPAVE-Rigid software during this implementation project.

3.1 NEW SOURCE CODE FOR USER INTERFACE SOFTWARE

The research team has developed a new code base for MnPAVE-Rigid using the Java scripting language. Whereas the first version of MPR used a limited Windows scripting language (AutoHotKey), the use of Java for MPR ensures that the source code and software are much easier for MnDOT to maintain and expand. For the remaining implementation work, the TAP decided that, despite new source code, the general appearance of the original MnPAVE-Rigid software should be preserved. The difference in the AutoHotKey-based user interface and the Java (and JavaFX) user interface is that MnDOT can now modify and adjust the interface more easily given the popularity of Java.

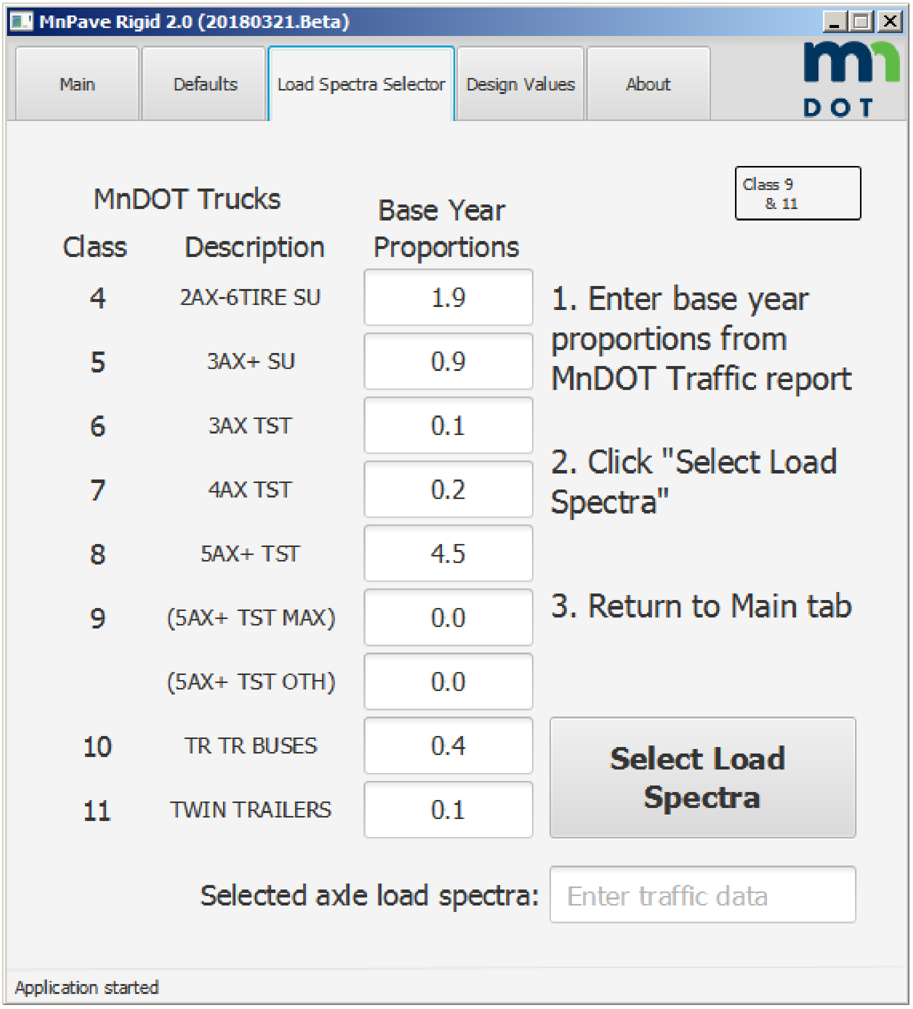
3.2 TRAFFIC VOLUME AND LOAD AXLE SPECTRA SELECTION

As discussed in Section 2.2, the original MnPAVE-Rigid included an axle load spectra input, which was unfamiliar to users. The final report for the original MnPAVE-Rigid procedure, specifically Section 5.6, included a methodology to select an appropriate axle load spectra (Tompkins and Khazanovich, 2014). However, as the method was not directly integrated in the software, it was not accessible to users. As a result, it was possible for project designers to adopt axle load spectra that did not correspond to base year proportions from MnDOT traffic reports.

The work of this project included implementing the load spectra selection method into the software user interface (Figure 3.1) to make certain that:

- the axle load spectra input is more accessible and meaningful to users and
- the selected axle load spectra accords with traffic proportions described by MnDOT Traffic.

The purpose of the tab is to automate the selection of an appropriate axle load spectra given the base year proportions from a project traffic report. The Load Spectra Selector tab contains input fields that correspond directly with similar fields in the reports generated by the MnDOT traffic office. Chapter 4 describes the use of this feature in more detail.



MnDOT Trucks		Base Year
Class	Description	Proportions
4	2AX-6TIRE SU	1.9
5	3AX+ SU	0.9
6	3AX TST	0.1
7	4AX TST	0.2
8	5AX+ TST	4.5
9	(5AX+ TST MAX)	0.0
	(5AX+ TST OTH)	0.0
10	TR TR BUSES	0.4
11	TWIN TRAILERS	0.1

1. Enter base year proportions from MnDOT Traffic report

2. Click "Select Load Spectra"

3. Return to Main tab

Selected axle load spectra: Enter traffic data

Application started

Figure 3.1: The Load Spectra Selector tab selects the most appropriate of three specially developed axle load spectra given MnDOT traffic report truck distributions

3.3 DESIGN REPORT FORM

Project reports are output as portable document (PDF) files. Previously, MPR output project information to a simple text (TXT) file. The project effort to incorporate PDF project reports in MPR required the following effort.

- JasperReports, an open source Java reporting tool, was incorporated into the program source code to allow PDF files to be written.
- JasperReports relies on Java libraries to function properly, including but not limited to non-proprietary, open source iText libraries. These libraries were included in the Java project.
- A special extensible markup language file for JasperReports (JRXML) was created to control the design and formatting of the final PDF report.

3.4 ADOPTION OF A PROGRAM INSTALLER

Because of the difficulty of (A) packing library files (required to create a PDF report) inside a Java archive file (JAR) and (B) creating a working standalone Windows executable (EXE) file from the larger JAR, the program behavior was modified.

MnPAVE-Rigid is no longer operated using a standalone EXE. Instead, the program is installed using a Windows installer in EXE format. Upon execution, the installer does the following:

1. Create a directory on the Windows installation drive to hold the program files.
2. Copy program files to the MPR directory.
3. Create a folder in the user's Windows Start menu that contains a shortcut to the program and a shortcut to uninstall the program.

The files installed to the MPR directory are:

- the MPR program executable,
- a comma-separated value (CSV) file, which is a database of the results of the AASHTO M-E projects detailed in Section 2.1,
- the damage calculation program executable,
- the PDF report template,
- an image file of the MnDOT logo, and
- the Java libraries required for PDF report production.

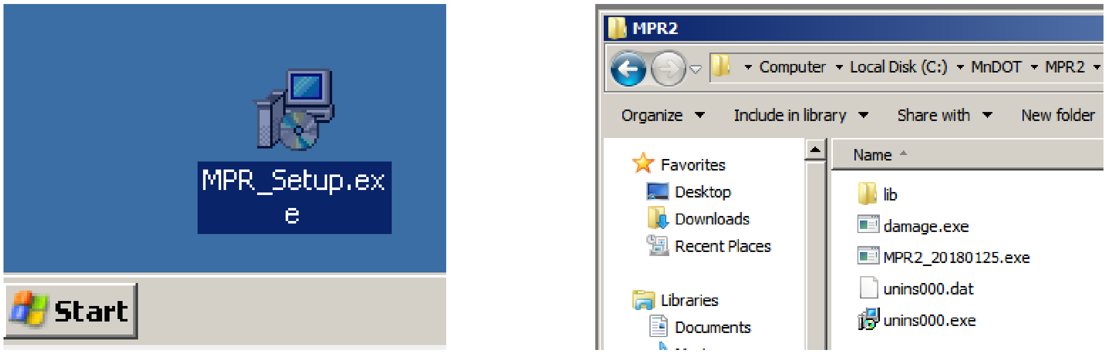
The open source program Inno Setup Compiler was used to create the Windows installer file. The license terms of the software explicitly allow for its use for any purposes, which include this non-commercial application.

CHAPTER 4: USER'S GUIDE TO FINAL SOFTWARE

This chapter provides an overview of the installation and use of MPR.

4.1 PROGRAM INSTALLATION

The software requires that *the user must have Java Runtime Environment 1.2.0 (or greater) installed on a Windows XP/Vista/7/10 computer*. The most recent JRE can be downloaded and installed from https://java.com/en/.

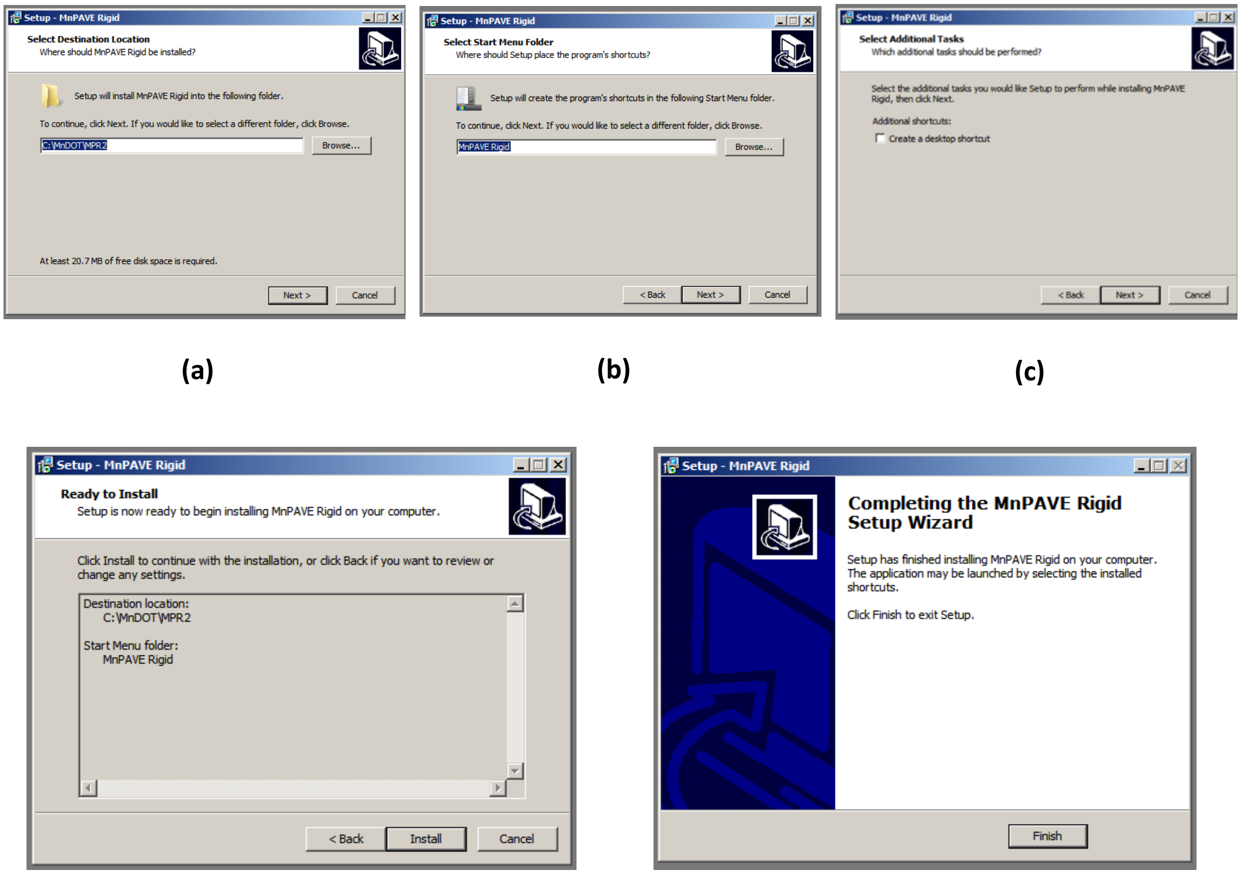

MPR_Setup.exe
Start
MPR2
Computer ▸ Local Disk (C:) ▸ MnDOT ▸ MPR2 ▸
Organize ▾
Include in library ▾
Share with ▾
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Name
lib
damage.exe
MPR2_20180125.exe
unins000.dat
unins000.exe

(a) **(b)**

Figure 4.1: (a) Installation program file in Windows environment and (b) installed, completed MPR directory

Because of the need for supplementary java libraries to produce PDF files, the program is not contained in standalone executable file, as was the original MPR. Instead, the program is packed into an executable file ("MPR_Setup.exe", shown in Figure 4.1a), which should be run by the user to automatically create a local directory on the user's computer and install the executable program file and required libraries (completed directory shown in Figure 4.1b). The program must be installed within a Microsoft Windows environment; the program has no other dependencies.

The installation process is straightforward and requires first running the installation executable and then progressing step-wise through an automated installer. Those steps are illustrated in Figure 4.2. If desired, the MPR program can be uninstalled by running the uninstaller program contained in the "unins000.exe" file. This file is located in the installation directory.



(a)

Select Destination Location
Where should MnPAVE Rigid be installed?

Setup will install MnPAVE Rigid into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

C:\MnDOT\MPR2

At least 20.7 MB of free disk space is required.

(b)

Select Start Menu Folder
Where should Setup place the program's shortcuts?

Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

MnPAVE Rigid

(c)

Select Additional Tasks
Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing MnPAVE Rigid, then click Next.

Additional shortcuts:
☐ Create a desktop shortcut

(d)

Ready to Install
Setup is now ready to begin installing MnPAVE Rigid on your computer.

Click Install to continue with the installation, or click Back if you want to review or change any settings.

Destination location:
C:\MnDOT\MPR2

Start Menu folder:
MnPAVE Rigid

(e)

Completing the MnPAVE Rigid Setup Wizard

Setup has finished installing MnPAVE Rigid on your computer. The application may be launched by selecting the installed shortcuts.

Click Finish to exit Setup.

Figure 4.2: Screenshots for each step in the MPR installation process

4.2 DESIGNING A PROJECT WITH INSTALLED PROGRAM

The MPR program interface uses a "tabbed" view to organize information.

4.2.1 Main tab

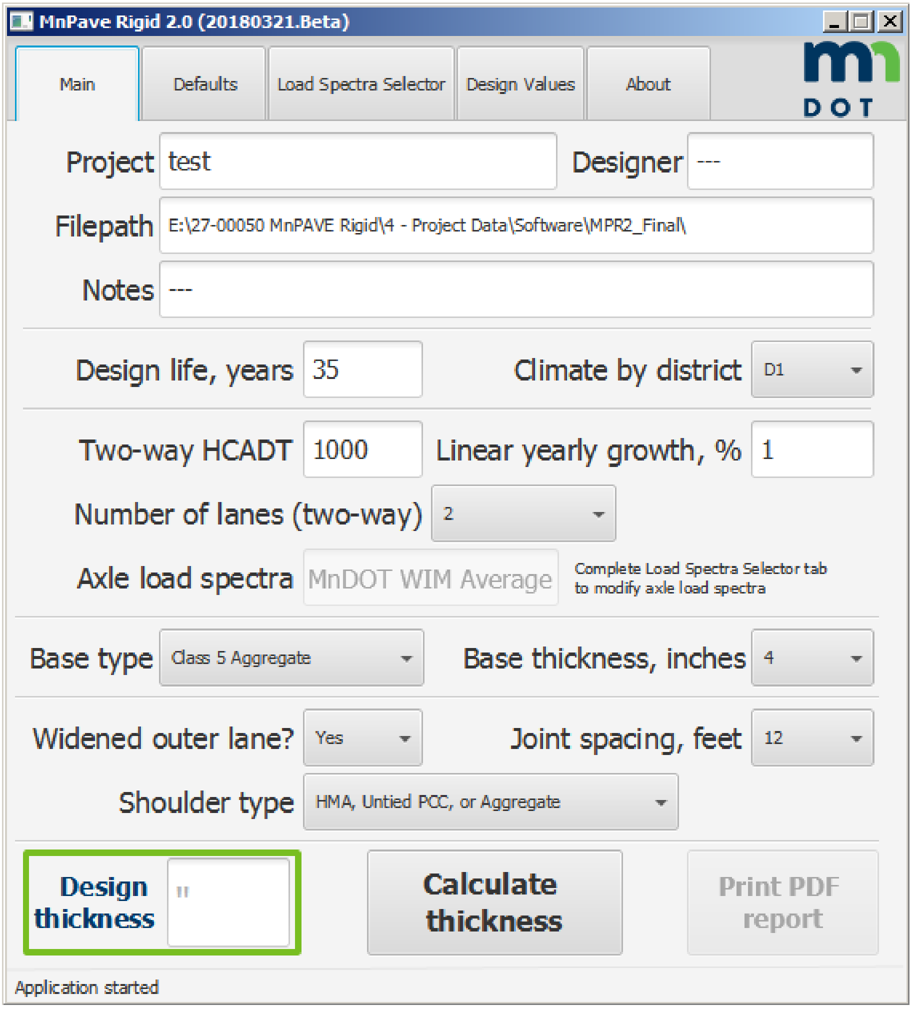
Ideally the user will need to consult only the Main tab to design a given project, however additional tabs can be used to either (A) access more specific inputs or (B) learn about the design method. The tabs available to the user are:

1. Main: As noted above, this tab, shown in Figure 4.3, contains input parameters required of the user to prepare a design and produce a design report for a given project.
2. Defaults: This tab contains advanced design inputs. This tab is intended mainly for personnel in the MnDOT Office of Materials and Road Research.
3. Load Spectra Selector: The AASHTO M-E database of projects underpinning MnPAVE-Rigid was developed using three load axle spectra. One is the default AASHTO load spectra, while

the other two are load spectra files developed using MnDOT weigh-in-motion data. Truck class distribution data from a MnDOT traffic report can be used to estimate the most appropriate load spectra of the three options for a given pavement project. More details on these load spectra can be found in the final reporting for the original MPR (Tompkins and Khazanovich, 2014).

4. Design Values: The table in the Design Values tab describes all parameters that were assumed for the database of AASHTO M-E projects from Table 2.1. The AASHTO M-E software used to create this database was MEPDG version 1.1.
5. About: This tab summarizes the project objectives, lists members of the MnPAVE-Rigid research team and technical advisors to the project, and states the MnDOT disclaimer for research products.

The use of the program is straightforward given the focus on a subset of the inputs available to an AASHTO M-E pavement designer. More examples illustrating the use of the software can be found in the final report for the original MPR (Tompkins and Khazanovich, 2014).


MnPave Rigid 2.0 (20180321.Beta)
Main
Defaults
Load Spectra Selector
Design Values
About
mn DOT
Calculate thickness
Print PDF report

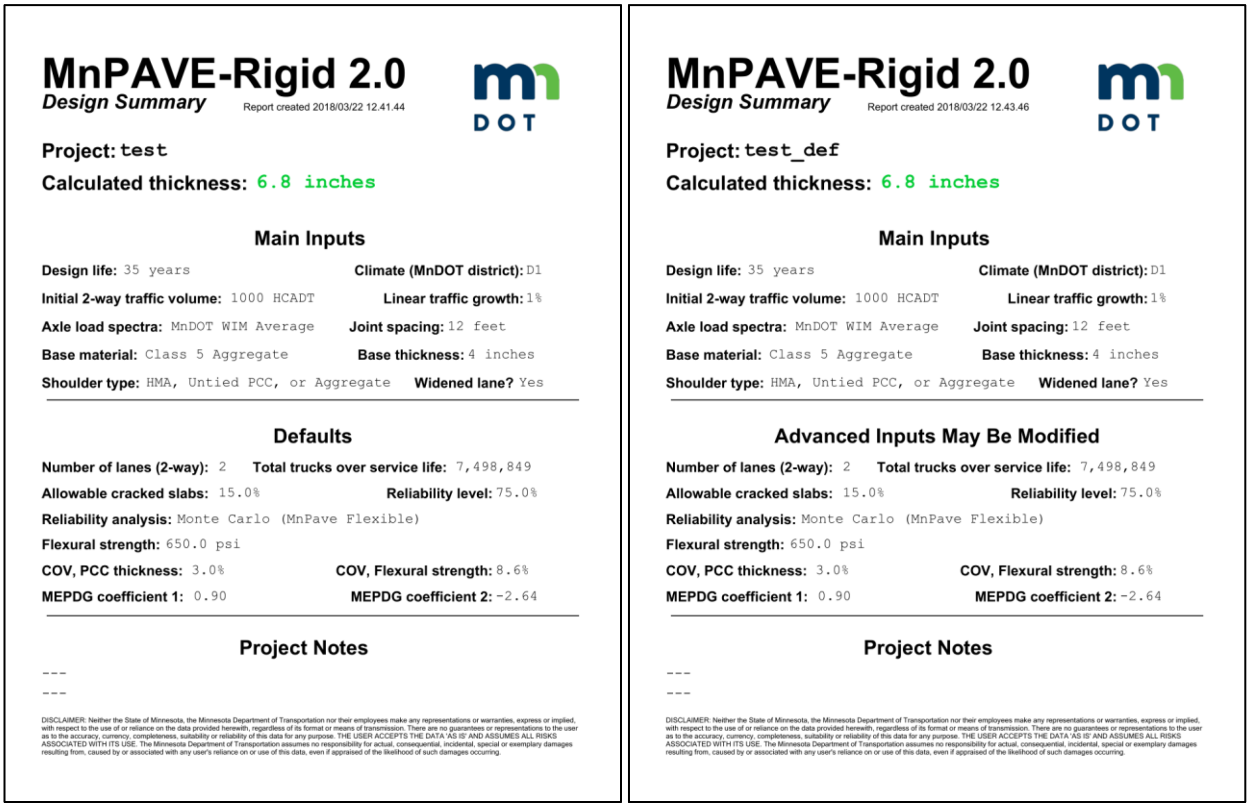
Project: test
Designer: ---
Filepath: E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\
Notes: ---
Design life, years: 35
Climate by district: D1
Two-way HCADT: 1000
Linear yearly growth, %: 1
Number of lanes (two-way): 2
Axle load spectra: MnDOT WIM Average
Complete Load Spectra Selector tab to modify axle load spectra
Base type: Class 5 Aggregate
Base thickness, inches: 4
Widened outer lane?: Yes
Joint spacing, feet: 12
Shoulder type: HMA, Untied PCC, or Aggregate
Design thickness: "
Application started

Figure 4.3: Screenshot of Main tab in the MPR interface

The PDF report content and formatting (shown in Figure 4.4a) lists all design input in the Main and Defaults tabs. The loading and production of the PDF report is the most time-consuming process in the entire program:

- Whereas other operations, including the design calculation, are almost instantaneous, the production of the PDF report may require a few seconds to complete.
- The status bar will indicate the location of the PDF report upon completion of the PDF publishing process.

To accommodate as many computing environments as possible, the program does not automatically open PDF files on successfully building the report.



MnPAVE-Rigid 2.0
Design Summary Report created 2018/03/22 12.41.44

Project: `test`

Calculated thickness: `6.8 inches`

Main Inputs

Design life: `35 years` **Climate (MnDOT district):** `D1`
Initial 2-way traffic volume: `1000 HCADT` **Linear traffic growth:** `1%`
Axle load spectra: `MnDOT WIM Average` **Joint spacing:** `12 feet`
Base material: `Class 5 Aggregate` **Base thickness:** `4 inches`
Shoulder type: `HMA, Untied PCC, or Aggregate` **Widened lane?** `Yes`

Defaults

Number of lanes (2-way): `2` **Total trucks over service life:** `7,498,849`
Allowable cracked slabs: `15.0%` **Reliability level:** `75.0%`
Reliability analysis: `Monte Carlo (MnPave Flexible)`
Flexural strength: `650.0 psi`
COV, PCC thickness: `3.0%` **COV, Flexural strength:** `8.6%`
MEPDG coefficient 1: `0.90` **MEPDG coefficient 2:** `-2.64`

Project Notes

`---`
`---`

DISCLAIMER: Neither the State of Minnesota, the Minnesota Department of Transportation nor their employees make any representations or warranties, express or implied, with respect to the use of or reliance on the data provided herewith, regardless of its format or means of transmission. There are no guarantees or representations to the user as to the accuracy, currency, completeness, suitability or reliability of this data for any purpose. THE USER ACCEPTS THE DATA 'AS IS' AND ASSUMES ALL RISKS ASSOCIATED WITH ITS USE. The Minnesota Department of Transportation assumes no responsibility for actual, consequential, incidental, special or exemplary damages resulting from, caused by or associated with any user's reliance on or use of this data, even if appraised of the likelihood of such damages occurring.

(a)

MnPAVE-Rigid 2.0
Design Summary Report created 2018/03/22 12.43.46

Project: `test_def`

Calculated thickness: `6.8 inches`

Main Inputs

Design life: `35 years` **Climate (MnDOT district):** `D1`
Initial 2-way traffic volume: `1000 HCADT` **Linear traffic growth:** `1%`
Axle load spectra: `MnDOT WIM Average` **Joint spacing:** `12 feet`
Base material: `Class 5 Aggregate` **Base thickness:** `4 inches`
Shoulder type: `HMA, Untied PCC, or Aggregate` **Widened lane?** `Yes`

Advanced Inputs May Be Modified

Number of lanes (2-way): `2` **Total trucks over service life:** `7,498,849`
Allowable cracked slabs: `15.0%` **Reliability level:** `75.0%`
Reliability analysis: `Monte Carlo (MnPave Flexible)`
Flexural strength: `650.0 psi`
COV, PCC thickness: `3.0%` **COV, Flexural strength:** `8.6%`
MEPDG coefficient 1: `0.90` **MEPDG coefficient 2:** `-2.64`

Project Notes

`---`
`---`

DISCLAIMER: Neither the State of Minnesota, the Minnesota Department of Transportation nor their employees make any representations or warranties, express or implied, with respect to the use of or reliance on the data provided herewith, regardless of its format or means of transmission. There are no guarantees or representations to the user as to the accuracy, currency, completeness, suitability or reliability of this data for any purpose. THE USER ACCEPTS THE DATA 'AS IS' AND ASSUMES ALL RISKS ASSOCIATED WITH ITS USE. The Minnesota Department of Transportation assumes no responsibility for actual, consequential, incidental, special or exemplary damages resulting from, caused by or associated with any user's reliance on or use of this data, even if appraised of the likelihood of such damages occurring.

(b)

Figure 4.4: (a) PDF report for unmodified default values and (b) PDF report for project that in which Defaults tab inputs were unlocked

4.2.2 Load axle spectra selector tab

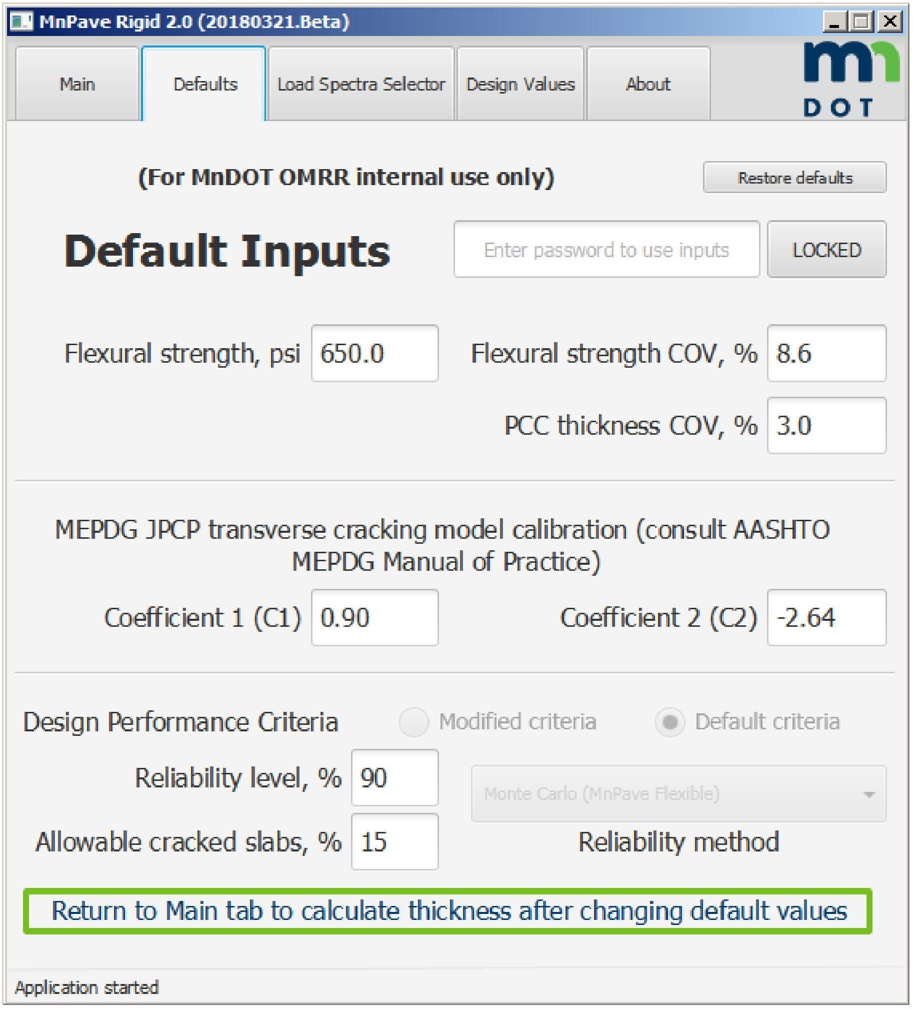
As noted in Chapter 3, a new addition to the MnPAVE-Rigid procedure is the ability to use a MnDOT traffic report (Figure 2.7) to select an appropriate load spectra for a given project. The majority of rigid pavement projects in Minnesota should use the default load spectra (MnDOT WIM Average). In special circumstances, more damaging load spectra may need to be considered to obtain an appropriate design. In those cases, the user should:

1. Open the Load Spectra Selector tab (Figure 3.1),
2. Enter the base year proportions from the traffic report into the corresponding fields, and
3. Click "Select Load Spectra."

The tab will automatically select the appropriate axle load spectra for a project from the traffic data, and the Main tab will be updated to reflect this selection.

4.2.3 Defaults tab

A feature present in the original MPR that is continued in the revised software is the presence of special research inputs for use by MnDOT OMRR. These inputs are password protected. More information on these inputs can be found in the final report to the original MPR (Tompkins and Khazanovich, 2014).



(For MnDOT OMRR internal use only)

Default Inputs

Flexural strength, psi 650.0

Flexural strength COV, % 8.6

PCC thickness COV, % 3.0

MEPDG JPCP transverse cracking model calibration (consult AASHTO MEPDG Manual of Practice)

Coefficient 1 (C1) 0.90

Coefficient 2 (C2) -2.64

Design Performance Criteria ○ Modified criteria ● Default criteria

Reliability level, % 90

Allowable cracked slabs, % 15

Reliability method: Monte Carlo (MnPave Flexible)

Return to Main tab to calculate thickness after changing default values

Application started

Figure 4.5: The Defaults tab lists special inputs for research and implementation purposes

4.3 EXAMPLES

The software is designed so that the majority of projects require the user to use only the Main tab. Occasionally, when truck axle proportions are predominately Class 9 and/or Class 11, the user may wish to use MnDOT Traffic Office report information to complete the Load Spectra Selector. Two examples, using these two tabs, were provided by MnDOT District 6 to illustrate the use of the software. These examples are summarized in the subsections below.

Only in very rare circumstances (involving OMRR personnel) will the Defaults tab be unlocked and modified, therefore use of the Defaults tab is not exemplified in this document.

4.3.1 I-35 Southbound near Faribault

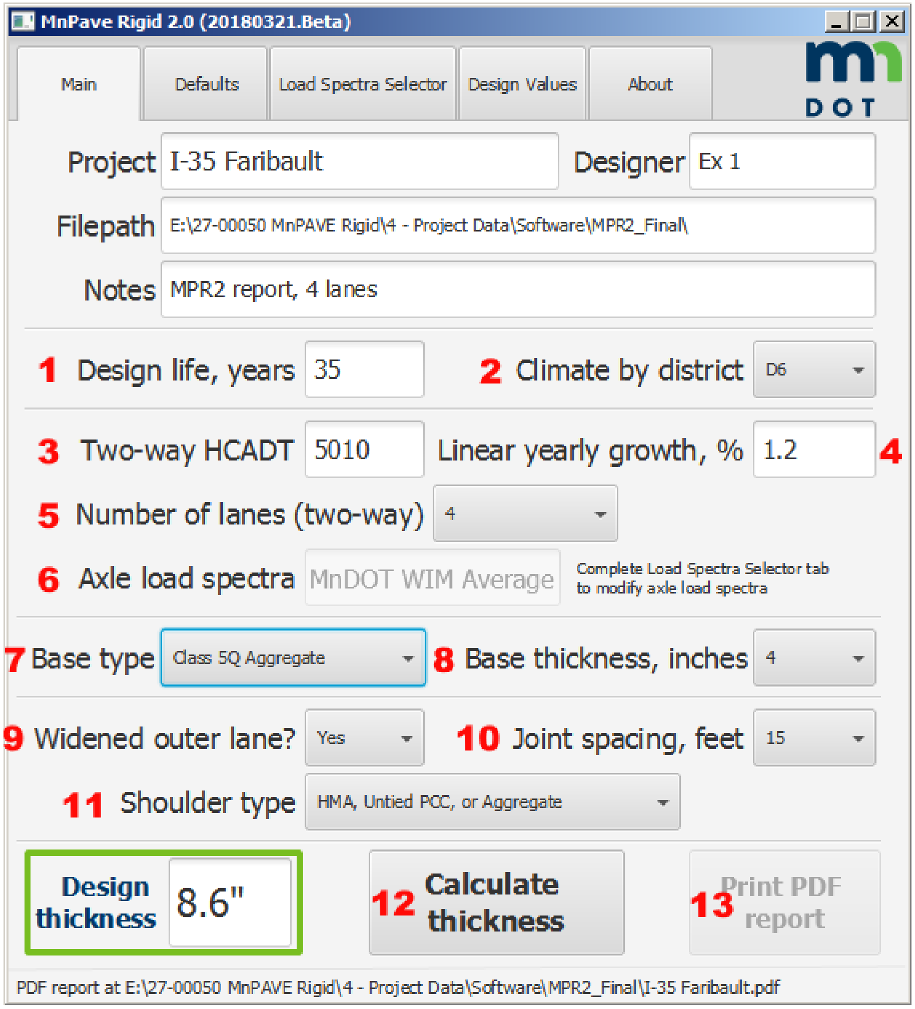
The MnPAVE-Rigid 2.0 thickness design for a stretch of I-35 near Faribault (Figure 4.7) accounts for the following design inputs. These inputs are labelled numerically to correspond with the appropriate input field in Figure 4.6:

1. Design life: 35 years
2. Climate by district: D6
3. Initial 2-way traffic: 5010 HCADT
4. Linear traffic growth: 1.2%
5. Number of design lanes, 2-way: 4
6. Axle load spectra: This field assumes the default value (MnDOT WIM Average). This input can be modified by completing the Load Spectra Selector tab as detailed in Section 4.2.2.
7. Base type: Class 5Q Aggregate
8. Base thickness: 4 inches
9. Widened outer lane? Yes
10. Joint spacing: 15 feet
11. Shoulder type: HMA, Untied PCC, or Aggregate

The use of "2-way" in Items #3 and #5 and in Figure 4.6 alludes to the fact that volumes and lanes are counted in both directions for design purposes to agree with MnDOT traffic reporting.

Item #9 refers to the use of a widened lane: that is, any outer lane 13-feet or more in width. The shoulder type choice of Item #11 is effectively a choice between tied ("Tied PCC") or untied ("HMA, Untied PCC, or Aggregate"). These choices correspond to different levels of load transfer from the adjoining shoulder. More detail on these items/inputs is provided in the original MPR reporting (Tompkins and Khazanovich, 2014).

After clicking on "Calculate thickness" (Item #12 in Figure 4.6), the software computes the design thickness for the project. By clicking "Print PDF report" (Item #13 in Figure 4.6), the software will produce a PDF report. The status bar at the bottom of the interface indicates the location of the project report, once it has been successfully published.


MnPave Rigid 2.0 (20180321.Beta)
Main
Defaults
Load Spectra Selector
Design Values
About
mn DOT
Calculate thickness
Print PDF report

Project: I-35 Faribault

Designer: Ex 1

Filepath: E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\

Notes: MPR2 report, 4 lanes

1 Design life, years: 35

2 Climate by district: D6

3 Two-way HCADT: 5010

4 Linear yearly growth, %: 1.2

5 Number of lanes (two-way): 4

6 Axle load spectra: MnDOT WIM Average

Complete Load Spectra Selector tab to modify axle load spectra

7 Base type: Class 5Q Aggregate

8 Base thickness, inches: 4

9 Widened outer lane?: Yes

10 Joint spacing, feet: 15

11 Shoulder type: HMA, Untied PCC, or Aggregate

Design thickness: 8.6"

12 Calculate thickness

13 Print PDF report

PDF report at E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\I-35 Faribault.pdf

Figure 4.6: Design for I-35W southbound near Faribault in District 6

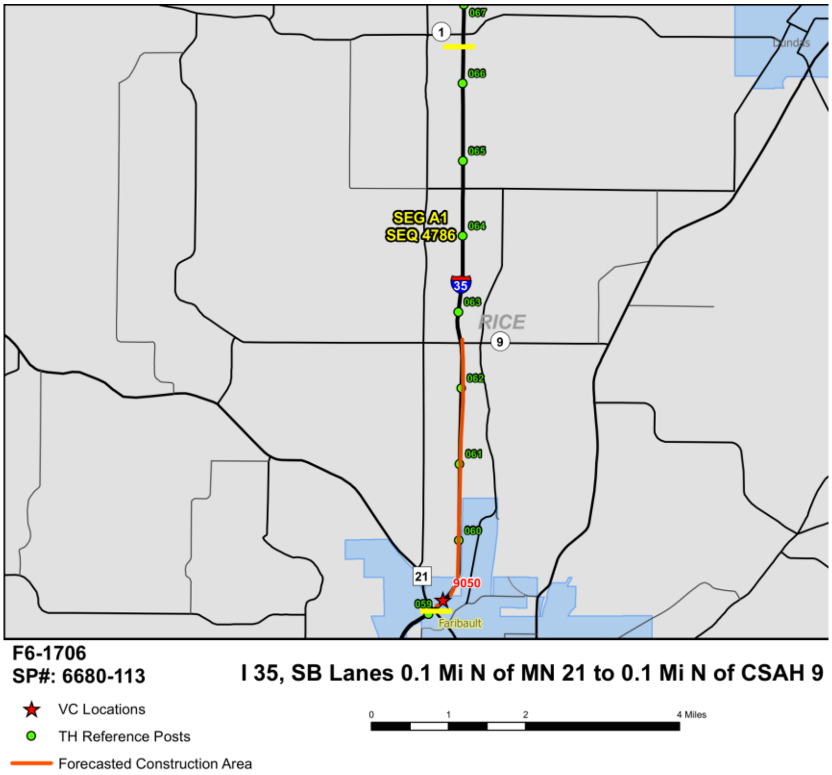

067
1
Dundas
066
065
SEG A1
SEQ 4786
064
35
063
RICE
9
062
061
060
21
9050
059
Faribault
F6-1706
SP#: 6680-113
I 35, SB Lanes 0.1 Mi N of MN 21 to 0.1 Mi N of CSAH 9
VC Locations
TH Reference Posts
Forecasted Construction Area
0
1
2
4 Miles

Figure 4.7: Map of pavement construction area for I-35 example

4.3.2 Segments of TH-63 near Red Wing

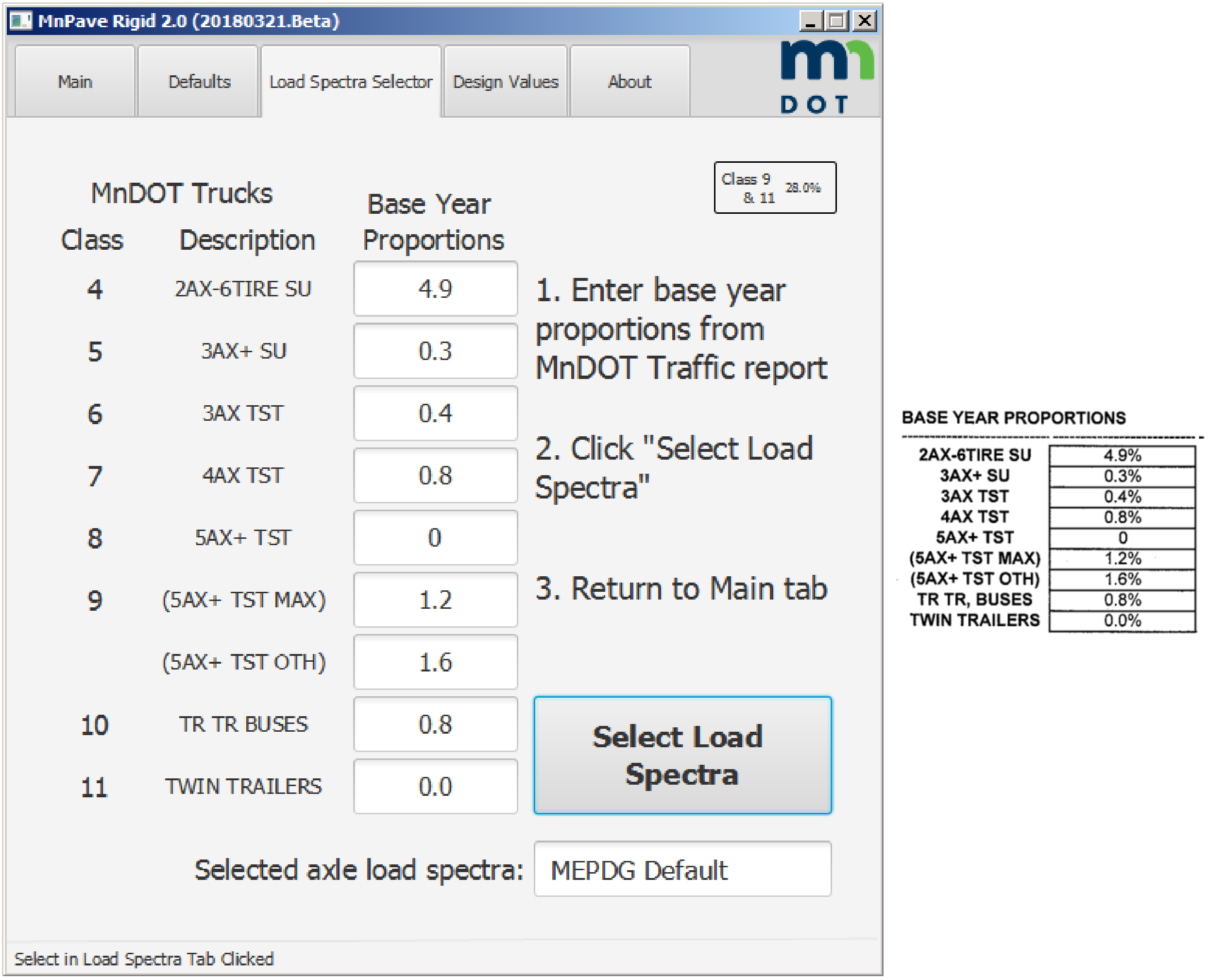
The MnPAVE-Rigid 2.0 thickness design for a stretch of TH-63 near Red Wing (Figure 4.11) accounts for the following design inputs. This example examines alternative designs for segments of the roadway that were rated for different traffic volumes; the example also illustrates the use of the Load Spectra Selector tab. Inputs for the designs are labelled numerically to correspond with the fields indicated earlier (Figure 4.6); however the values correspond with the unlabeled designs for Segment 1 (Figure 4.9) and Segment 2 (Figure 4.10) of the roadway.

1. Design life: 35 years
2. Climate by district: D6
3. Initial 2-way traffic: 1290 HCADT (Segment 1) or 250 HCADT (Segment 2)
4. Linear traffic growth: 0.8% (Segment 1) or 1.0% (Segment 2)
5. Number of design lanes, 2-way: 2
6. Axle load spectra: MEPDG Default (Figure 4.8)
7. Base type: Class 5Q Aggregate
8. Base thickness: 4 inches
9. Widened outer lane? Yes
10. Joint spacing: 15 feet
11. Shoulder type: HMA, Untied PCC, or Aggregate

In this example, a non-default axle load spectra is used. As noted, most projects will not require the engineer to consider non-default axle load spectra. However, for a roadway with unusual proportions of heavy trucks, it may be appropriate to investigate and possibly select non-default load spectra using the Load Spectra Selector tab. The software provides a reminder of this capability in the Main tab in the solid outlined box on Figure 4.9 and Figure 4.10.

To investigate the axle load, first click on the Load Spectra Selector tab (Figure 4.8a), then complete the base year proportions based on the information in the MnDOT Traffic Office report. The base year proportions from the traffic report for the TH-63 example are shown in (Figure 4.8b); this side-by-side comparison shows that the required fields in the software are labelled identically to the corresponding fields in the special project traffic report.

The two segments (and corresponding design projects using the software) also differ in the traffic volume and growth, Items #3 and #4 above, respectively. The influence of these parameters on design thickness can be seen in the recommended thicknesses in Figure 4.9 and Figure 4.10.


MnPave Rigid 2.0 (20180321.Beta)
Main
Defaults
Load Spectra Selector
Design Values
About
DOT
Class 9 & 11 28.0%
Select Load Spectra
Select in Load Spectra Tab Clicked

MnDOT Trucks Class	Description	Base Year Proportions
4	2AX-6TIRE SU	4.9
5	3AX+ SU	0.3
6	3AX TST	0.4
7	4AX TST	0.8
8	5AX+ TST	0
9	(5AX+ TST MAX)	1.2
	(5AX+ TST OTH)	1.6
10	TR TR BUSES	0.8
11	TWIN TRAILERS	0.0

1. Enter base year proportions from MnDOT Traffic report

2. Click "Select Load Spectra"

3. Return to Main tab

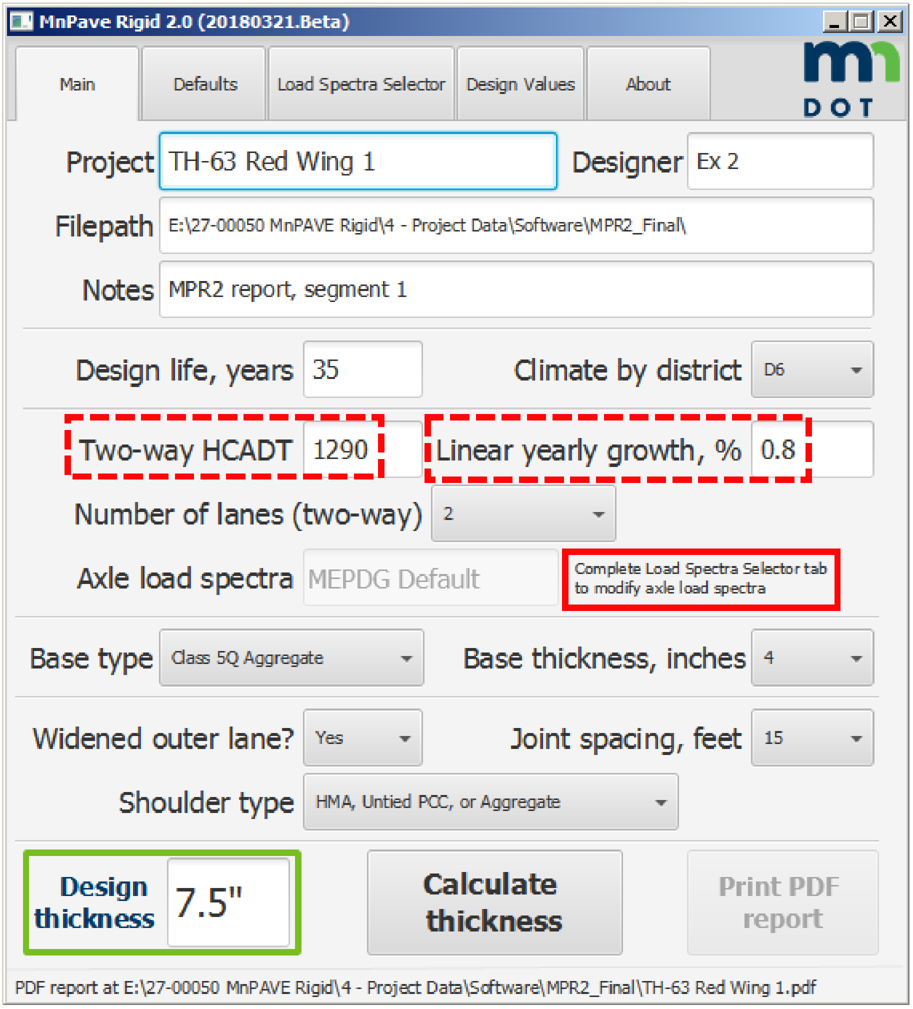
Selected axle load spectra: MEPDG Default

BASE YEAR PROPORTIONS

2AX-6TIRE SU	4.9%
3AX+ SU	0.3%
3AX TST	0.4%
4AX TST	0.8%
5AX+ TST	0
(5AX+ TST MAX)	1.2%
(5AX+ TST OTH)	1.6%
TR TR, BUSES	0.8%
TWIN TRAILERS	0.0%

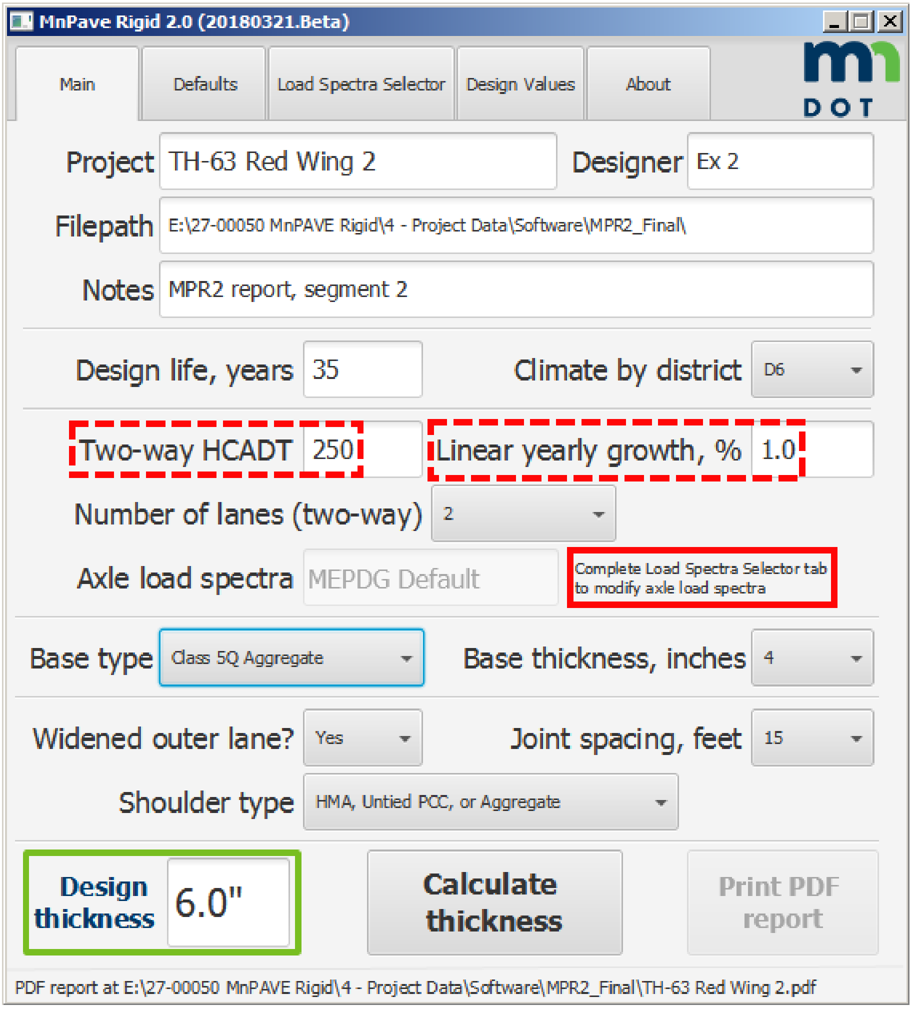
(a) (b)

Figure 4.8: Entry of proportions of truck axles (by class) in the Load Spectra Selector tab


MnPave Rigid 2.0 (20180321.Beta)
Main
Defaults
Load Spectra Selector
Design Values
About
mn DOT
Calculate thickness
Print PDF report

Project: TH-63 Red Wing 1
Designer: Ex 2
Filepath: E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\
Notes: MPR2 report, segment 1
Design life, years: 35
Climate by district: D6
Two-way HCADT: 1290
Linear yearly growth, %: 0.8
Number of lanes (two-way): 2
Axle load spectra: MEPDG Default
Complete Load Spectra Selector tab to modify axle load spectra
Base type: Class 5Q Aggregate
Base thickness, inches: 4
Widened outer lane?: Yes
Joint spacing, feet: 15
Shoulder type: HMA, Untied PCC, or Aggregate
Design thickness: 7.5"
PDF report at E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\TH-63 Red Wing 1.pdf

Figure 4.9: Design for Segment 1 of TH-63 near Red Wing in District 6


MnPave Rigid 2.0 (20180321.Beta)
Main
Defaults
Load Spectra Selector
Design Values
About
Calculate thickness
Print PDF report

Project TH-63 Red Wing 2

Designer Ex 2

Filepath E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\

Notes MPR2 report, segment 2

Design life, years 35

Climate by district D6

Two-way HCADT 250

Linear yearly growth, % 1.0

Number of lanes (two-way) 2

Axle load spectra MEPDG Default

Complete Load Spectra Selector tab to modify axle load spectra

Base type Class 5Q Aggregate

Base thickness, inches 4

Widened outer lane? Yes

Joint spacing, feet 15

Shoulder type HMA, Untied PCC, or Aggregate

Design thickness 6.0"

PDF report at E:\27-00050 MnPAVE Rigid\4 - Project Data\Software\MPR2_Final\TH-63 Red Wing 2.pdf

Figure 4.10: Design for Segment 2 of TH-63 near Red Wing in District 6

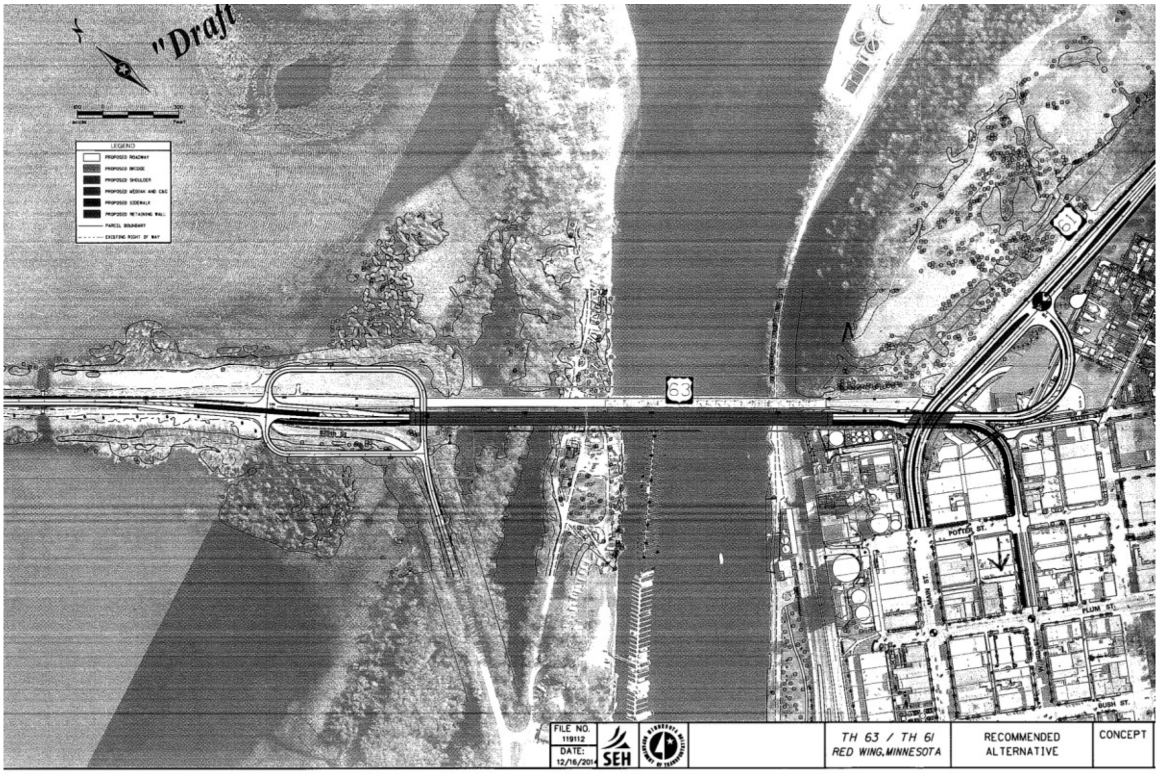

"Draft
300
0
300
scale
feet
LEGEND
PROPOSED ROADWAY
PROPOSED BRIDGE
PROPOSED SHOULDER
PROPOSED MEDIAN AND C&G
PROPOSED SIDEWALK
PROPOSED RETAINING WALL
PARCEL BOUNDARY
EXISTING RIGHT OF WAY
63
61
POTTER ST.
PLUM ST.
BUSH ST.
FILE NO.
119112
DATE:
12/16/201
SEH
TH 63 / TH 61
RED WING, MINNESOTA
RECOMMENDED
ALTERNATIVE
CONCEPT

Figure 4.11: Map of pavement construction area for TH-63 example

REFERENCES

Nelson, T., McGrath, S., and G. Hicks (2012). “Mn/DOT Procedure Manual for Forecasting Traffic on Minnesota’s Highway Systems,” Internal Report, Traffic Forecasts and Analysis Section, Office of Transportation Data and Analysis, Minnesota Department of Transportation. Saint Paul, MN.

Tompkins, D., and L. Khazanovich (2014). *Simplified Design Table for Minnesota Concrete Pavements*. Report No. MN/RC 2014-27. Minnesota Department of Transportation. Saint Paul, MN.

Velasquez, R., Hoegh, K., Yut, I., Funk, N., Cochran, G., Marasteanu, M., and L. Khazanovich (2009). *Implementation of the MEPDG for New and Rehabilitated Pavement Structures for Design of Concrete and Asphalt Pavements in Minnesota*. Report No. MN/RC 2009-06. Minnesota Department of Transportation. Saint Paul, MN.

APPENDIX A. PROJECT SOURCE CODE

```java
package application;

import controller.MainController;
import java.io.File;
import java.io.FileOutputStream;
import java.io.IOException;
import java.nio.file.Files;
import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.stage.Stage;

public class Main extends Application {

    @Override
    public void start(Stage primaryStage) throws IOException {
        try {
                Parent root = FXMLLoader.load(getClass().getResource("/view/main.fxml"));
                Scene scene = new Scene(root);
                primaryStage.setTitle("MnPave Rigid 2.0");
                primaryStage.setResizable(false);
                primaryStage.setScene(scene);
                primaryStage.show();
        } catch(Exception e) {
                e.printStackTrace();
        }
    }

    public static void main(String[] args) {
        launch(args);
    }
}
```

```java
package controller;

import controller.tab.AboutController;
import javafx.fxml.FXML;
import controller.tab.SumController;
import controller.tab.DefaultsController;
import controller.tab.DesignController;
import controller.tab.LoadSpectraController;
import controller.tab.UserGuideController;
import java.io.File;
import java.net.URLDecoder;
import java.util.ArrayList;
import java.util.LinkedHashMap;
import javafx.collections.FXCollections;
import javafx.collections.ObservableList;
import javafx.scene.control.TextArea;
import javafx.scene.control.Label;
import javafx.scene.control.SingleSelectionModel;
import javafx.scene.control.Tab;
import javafx.scene.control.TabPane;

public class MainController {

    @FXML SumController sumTabController;
    @FXML DefaultsController defaultsTabController;
    @FXML LoadSpectraController loadSpectraTabController;
    @FXML UserGuideController userGuideTabController;
    @FXML AboutController aboutTabController;
    @FXML DesignController designTabController;
    @FXML public Label statusText;
//    @FXML public TabPane tabPane;

    //public SingleSelectionModel<Tab> selectionModel;

    LinkedHashMap<String, String> reliabilityMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> climateMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> loadSpectraMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> laneWidthMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> jointSpacingMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> shoulderTypeMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> baseTypeMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> baseThicknessMap = new LinkedHashMap<>();
    LinkedHashMap<String, String> designLaneFactorMap = new LinkedHashMap<>();

    public String mpr2ProgramPath;

    @FXML public void initialize() {
        statusText.setText("Application started");

        sumTabController.init(this);
        defaultsTabController.init(this);
        loadSpectraTabController.init(this);
        userGuideTabController.init(this);
        aboutTabController.init(this);
        designTabController.init(this);

        // get default path from location of jar
        String pathOut = System.getProperty("user.dir");
        mpr2ProgramPath = pathOut.replace("\\", "\\\\") + File.separator;
        sumTabController.projectPath.setText(pathOut + "\\");

        // define key/value pairs for Reliability choice in Defaults
        reliabilityMap.put("Monte Carlo (MnPave Flexible)", "Monte Carlo (MnPave Flexible)");
        reliabilityMap.put("MEPDG 1.1", "MEPDG 1.1");
        ArrayList<String> reliabilityList = new ArrayList<>();
        reliabilityMap.entrySet().stream().forEach((map) -> {
          reliabilityList.add(map.getKey());
        });
        ObservableList<String> reliabilityChoices = FXCollections.observableArrayList(
        reliabilityList);
        defaultsTabController.reliabilityMethod.setItems(reliabilityChoices);
        defaultsTabController.reliabilityMethod.getSelectionModel().selectFirst();

        // define key/value pairs for Lane Width choice in Main
        laneWidthMap.put("Yes", "13"); laneWidthMap.put("No", "12");
        ArrayList<String> laneWidthList = new ArrayList<>();
        laneWidthMap.entrySet().stream().forEach((map) -> {
          laneWidthList.add(map.getKey());
        });
        ObservableList<String> laneWidthChoices = FXCollections.observableArrayList(
        laneWidthList);
        sumTabController.laneWidth.setItems(laneWidthChoices);
        sumTabController.laneWidth.getSelectionModel().selectFirst();

        // define key/value pairs for Joint Spacing choice in Main
        jointSpacingMap.put("12", "12"); jointSpacingMap.put("15", "15");
        ArrayList<String> jointSpacingList = new ArrayList<>();
        jointSpacingMap.entrySet().stream().forEach((map) -> {
           jointSpacingList.add(map.getKey());
        });
        ObservableList<String> jointSpacingChoices = FXCollections.observableArrayList(
        jointSpacingList);
        sumTabController.jointSpacing.setItems(jointSpacingChoices);
        sumTabController.jointSpacing.getSelectionModel().selectFirst();

        // define key/value pairs for Base Type choice in Main
        baseTypeMap.put("Class 5 Aggregate", "CL5S");
        baseTypeMap.put("Class 5 Quality", "CL5Q");
        baseTypeMap.put("Open Graded Aggregate", "OGAB");
        ArrayList<String> baseTypeList = new ArrayList<>();
        baseTypeMap.entrySet().stream().forEach((map) -> {
           baseTypeList.add(map.getKey());
        });
        ObservableList<String> baseTypeChoices = FXCollections.observableArrayList(
        baseTypeList);
        sumTabController.baseType.setItems(baseTypeChoices);
        sumTabController.baseType.getSelectionModel().selectFirst();

        // define key/value pairs for Base Thickness choice in Main
        baseThicknessMap.put("4", "4"); baseThicknessMap.put("12", "12");
        ArrayList<String> baseThicknessList = new ArrayList<>();
        baseThicknessMap.entrySet().stream().forEach((map) -> {
           baseThicknessList.add(map.getKey());
        });
        ObservableList<String> baseThicknessChoices = FXCollections.observableArrayList(
        baseThicknessList);
        sumTabController.baseThickness.setItems(baseThicknessChoices);
        sumTabController.baseThickness.getSelectionModel().selectFirst();

        // define key/value pairs for Shoulder Type choice in Main
        shoulderTypeMap.put("HMA, Untied PCC, or Aggregate", "10");
        shoulderTypeMap.put("Tied PCC", "40");
        ArrayList<String> shoulderTypeList = new ArrayList<>();
        shoulderTypeMap.entrySet().stream().forEach((map) -> {
          shoulderTypeList.add(map.getKey());
        });
        ObservableList<String> shoulderTypeChoices = FXCollections.observableArrayList(
        shoulderTypeList);
        sumTabController.shoulderType.setItems(shoulderTypeChoices);
        sumTabController.shoulderType.getSelectionModel().selectFirst();

```

```java
        // define key/value pairs for # of design lanes choice in Main
        designLaneFactorMap.put("2", "1.0");
        designLaneFactorMap.put("4", "0.9");
        designLaneFactorMap.put("6", "0.7");
        designLaneFactorMap.put("8+", "0.6");
        ArrayList<String> designLaneFactorList = new ArrayList<>();
        designLaneFactorMap.entrySet().stream().forEach((map) -> {
            designLaneFactorList.add(map.getKey());
        });
        ObservableList<String> designLaneFactorChoices = FXCollections.observableArrayList(designLaneFactorList);
        sumTabController.designLaneFactor.setItems(designLaneFactorChoices);
        sumTabController.designLaneFactor.getSelectionModel().selectFirst();

        // define key/value pairs for Axle Load Spectra in Load Spectra Tab
        loadSpectraMap.put("MnDOT WIM Average", "MNAVG");
        loadSpectraMap.put("MnDOT WIM Heavy", "MNHVY");
        loadSpectraMap.put("MEPDG Default", "MEPDG");
        ArrayList<String> loadSpectraList = new ArrayList<>();
        loadSpectraMap.entrySet().stream().forEach((map) -> {
            loadSpectraList.add(map.getKey());
        });
        ObservableList<String> loadSpectraChoices = FXCollections.observableArrayList(loadSpectraList);

        // define key/value pairs for Climate choice in Main
        climateMap.put("D1", "HIB");
        climateMap.put("D2", "GRF");
        climateMap.put("D3", "BRN");
        climateMap.put("D4", "ALX");
        climateMap.put("Metro", "MSP");
        climateMap.put("D6", "ROC");
        climateMap.put("D7", "RDF");
        climateMap.put("D8", "RDF"); // Not a typo
        ArrayList<String> climateList = new ArrayList<>();
        climateMap.entrySet().stream().forEach((map) -> {
            climateList.add(map.getKey());
        });
        ObservableList<String> climateChoices = FXCollections.observableArrayList(climateList);
        sumTabController.climate.setItems(climateChoices);
        sumTabController.climate.getSelectionModel().selectFirst();
    }

//   public void selectTab(Tab tab) {
//       tabPane.getSelectionModel().select(tab);
//    }
    public void setStatusText(String text) {
        statusText.setText(text);
    }

    public String climateValue(String text) {
        return climateMap.get(text);
    }

    public String laneWidthValue(String text) {
        return laneWidthMap.get(text);
    }

    public String baseTypeValue(String text) {
        return baseTypeMap.get(text);
    }

    public String baseThicknessValue(String text) {
        return baseThicknessMap.get(text);
    }

    public String jointSpacingValue(String text) {
        return jointSpacingMap.get(text);
    }

    public String shoulderTypeValue(String text) {
        return shoulderTypeMap.get(text);
    }

    public String loadSpectraValue(String text) {
        return loadSpectraMap.get(text);
    }

    public String designLaneFactorValue(String text) {
        return designLaneFactorMap.get(text);
    }

    public String projectPathFromSum() {
        return sumTabController.projectPath.getText();
    }

    public String passwordFieldFromDefaults() {
        return defaultsTabController.passwordField.getText();
    }

    public String txtNoticeFromDefaults() {
        return defaultsTabController.txtNotice;
    }

    public String pdfNoticeFromDefaults() {
        return defaultsTabController.pdfNotice;
    }

    public Boolean perfDefaultCheckFromDefaults() {
        return defaultsTabController.perfDefaultCheck;
    }

    public String reliabilityMethodFromDefaults() {
        String keyValue = defaultsTabController.reliabilityMethod.getValue();
        return reliabilityMap.get(keyValue);
    }

    public String flexuralStrengthFromDefaults() {
        return defaultsTabController.flexuralStrength.getText();
    }

    public String crackedSlabsFromDefaults() {
        return defaultsTabController.crackedSlabs.getText();
    }

    public String reliabilityLevelFromDefaults() {
        return defaultsTabController.reliabilityLevel.getText();
    }

    public String thicknessCOVFromDefaults() {
        return defaultsTabController.thicknessCOV.getText();
    }

    public String flexuralCOVFromDefaults() {
        return defaultsTabController.flexuralCOV.getText();
    }

    public String crackingCoeff1FromDefaults() {
        return defaultsTabController.crackingCoeff1.getText();
    }

    public String crackingCoeff2FromDefaults() {
        return defaultsTabController.crackingCoeff2.getText();
    }

    public void setLoadAxleSpectraToSelection(String text) {
        sumTabController.loadSpectra.setText(text);
    }

    public void setReliabilityLevelFromSum(String text) {
        defaultsTabController.reliabilityLevel.setText(text);
    }

    public void setCrackedSlabsFromSum(String text) {
        defaultsTabController.crackedSlabs.setText(text);
    }
}
```

```
package controller.tab;

import controller.MainController;

public class AboutController {
    private MainController main;
    public void init(MainController mainController) {
            main = mainController;
    }
}

```

```java
package controller.tab;

import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;
import controller.MainController;
import javafx.scene.control.ChoiceBox;
import javafx.scene.control.RadioButton;
import javafx.scene.control.ToggleGroup;

public class DefaultsController {

    private MainController main;

    @FXML public TextField passwordField;
    @FXML public ChoiceBox<String> reliabilityMethod;
    @FXML public TextField flexuralStrength;
    @FXML public TextField crackedSlabs;
    @FXML public TextField reliabilityLevel;
    @FXML public TextField thicknessCOV;
    @FXML public TextField flexuralCOV;
    @FXML public TextField crackingCoeff1;
    @FXML public TextField crackingCoeff2;
    @FXML public Button defaultsChange;
    @FXML public Button defaultsRestore;
    @FXML public ToggleGroup tg1;
    @FXML public RadioButton tg1Default;
    @FXML public RadioButton tg1Modify;
    @FXML public boolean perfDefaultCheck = true;
    @FXML public String txtNotice = "--DEFAULTS AND SUMMARY INPUTS----------";
    @FXML public String pdfNotice = "Defaults";

    @FXML private void changeDefaults(ActionEvent event) {
        String passwordString = passwordField.getText();
        if (passwordString.equals("password")) {
            // Change label
            defaultsChange.setText("Unlocked");
            // Enable default value modification
            tg1Modify.setDisable(false);
            tg1Default.setDisable(false);
            flexuralStrength.setEditable(true);
            thicknessCOV.setEditable(true);
            flexuralCOV.setEditable(true);
            crackingCoeff1.setEditable(true);
            crackingCoeff2.setEditable(true);
            txtNotice = "!!! ADV INPUTS MODIFIED !!!!!!!!!!!!!!!";
            pdfNotice = "Advanced Inputs May Be Modified";
            main.setStatusText("Advanced inputs unlocked");
        } else {
            passwordField.setText("INVALID-PASS");
            main.setStatusText("Wrong password, check with MnDOT OMRR");
            txtNotice = "--DEFAULTS AND SUMMARY INPUTS----------";
            pdfNotice = "Defaults";
        }
    }

    @FXML private void radioPerf(ActionEvent event) {
        String passwordString = passwordField.getText();
        if (passwordString.equals("password")) {
            if (tg1Modify.isSelected()){
                // Enable default value modification
                perfDefaultCheck = false;
                crackedSlabs.setEditable(true);
                reliabilityLevel.setEditable(true);
```

```java
                    reliabilityMethod.setDisable(false);
                    main.setStatusText("Advanced inputs unlocked, modified performance criteria");
                }
                if (tg1Default.isSelected()){
                    perfDefaultCheck = true;
                    crackedSlabs.setEditable(false);
                    reliabilityLevel.setEditable(false);
                    reliabilityMethod.setDisable(true);
                    main.setStatusText("Advanced inputs unlocked, default performance criteria");
                }
            }
        }

        @FXML private void restoreDefaults(ActionEvent event) {
            defaultsChange.setText("LOCKED");
            passwordField.clear();
            flexuralStrength.setText("650.0");
            flexuralStrength.setEditable(false);
            thicknessCOV.setText("3.0");
            thicknessCOV.setEditable(false);
            flexuralCOV.setText("8.6");
            flexuralCOV.setEditable(false);
            crackingCoeff1.setText("0.90");
            crackingCoeff1.setEditable(false);
            crackingCoeff2.setText("-2.64");
            crackingCoeff2.setEditable(false);
            crackedSlabs.setText("15");
            crackedSlabs.setEditable(false);
            reliabilityLevel.setText("90");
            reliabilityLevel.setEditable(false);
            reliabilityMethod.setValue("Monte Carlo (MnPave Flexible)");
            reliabilityMethod.setDisable(true);
            tg1Default.setSelected(true);
            tg1Modify.setDisable(true);
            tg1Default.setDisable(true);
            perfDefaultCheck = true;
            main.setStatusText("Default inputs restored");
            txtNotice = "--DEFAULTS AND SUMMARY INPUTS----------";
            pdfNotice = "Defaults";
        }

        public void init(MainController mainController) {
                main = mainController;
        }
    }
```

```java
package controller.tab;

import controller.MainController;

public class DesignController {
    private MainController main;
    public void init(MainController mainController) {
            main = mainController;
    }
}

```

```
package controller.tab;

import controller.MainController;
import controller.tab.SumController;
import java.math.RoundingMode;
import java.text.DecimalFormat;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;

public class LoadSpectraController {

    private MainController main;
    private SumController sumTab;

    @FXML private TextField selectedLoadSpectra;
    @FXML private TextField truckDistribution;
    @FXML private TextField c04;
    @FXML private TextField c05;
    @FXML private TextField c06;
    @FXML private TextField c07;
    @FXML private TextField c08;
    @FXML private TextField c09a;
    @FXML private TextField c09b;
    @FXML private TextField c10;
    @FXML private TextField c11;

    @FXML private void selectClicked(ActionEvent event) {
        main.setStatusText("Select in Load Spectra Tab Clicked");
        String numout; String output; double result;

        double c04d = Double.parseDouble(c04.getText());
        double c05d = Double.parseDouble(c05.getText());
        double c06d = Double.parseDouble(c06.getText());
        double c07d = Double.parseDouble(c07.getText());
        double c08d = Double.parseDouble(c08.getText());
        double c09ad = Double.parseDouble(c09a.getText());
        double c09bd = Double.parseDouble(c09b.getText());
        double c10d = Double.parseDouble(c10.getText());
        double c11d = Double.parseDouble(c11.getText());
        double total = c04d + c05d + c06d + c07d + c08d + c09ad + c09bd + c10d + c11d;
        double trucks = c09ad + c09bd + c11d;
        result = 100 * (trucks / total);

        if (result < 10) {
            output = "MnDOT WIM Average";
        }
        else if (result > 25) {
            output = "MEPDG Default";
        }
        else {
            output = "MnDOT WIM Heavy";
        }

        DecimalFormat df = new DecimalFormat("#.#");
        df.setRoundingMode(RoundingMode.CEILING);
        numout = String.valueOf(Double.valueOf(df.format(result))) + "%";

        truckDistribution.setText(numout);
        selectedLoadSpectra.setText(output);
        main.setLoadAxleSpectraToSelection(output);
    }

    public void init(MainController mainController) {
```

```
                main = mainController;
        }
    }

```

A-13

```java
package controller.tab;

import net.sf.jasperreports.engine.JRDataSource;
import net.sf.jasperreports.engine.JREmptyDataSource;
import net.sf.jasperreports.engine.JRException;
import net.sf.jasperreports.engine.JasperCompileManager;
import net.sf.jasperreports.engine.JasperExportManager;
import net.sf.jasperreports.engine.JasperFillManager;
import net.sf.jasperreports.engine.JasperPrint;
import net.sf.jasperreports.engine.JasperReport;

import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import controller.MainController;
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.math.RoundingMode;
import java.text.DecimalFormat;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;
import javafx.scene.control.ChoiceBox;
import javafx.scene.control.TextField;
import java.text.NumberFormat;
import javafx.concurrent.Service;
import javafx.concurrent.Task;
import javafx.scene.control.Button;
import javafx.scene.control.SingleSelectionModel;
import javafx.scene.control.Tab;
import javafx.scene.control.TabPane;

public class SumController {

    private MainController main;
    private DefaultsController defaultsTab;
    private LoadSpectraController loadSpectraTab;

    @FXML public ChoiceBox<String> designLaneFactor;
    @FXML public ChoiceBox<String> climate;
    @FXML public TextField loadSpectra;
    @FXML public ChoiceBox<String> laneWidth;
    @FXML public ChoiceBox<String> jointSpacing;
    @FXML public ChoiceBox<String> shoulderType;
    @FXML public ChoiceBox<String> baseThickness;
    @FXML public ChoiceBox<String> baseType;
    @FXML public TextField projectName;
    @FXML public TextField projectPath;
    @FXML public TextField projectNotes1;
    @FXML public TextField projectNotes2;
    @FXML public TextField designLife;
    @FXML public TextField trafficVolume;
    @FXML public TextField trafficGrowth;
    @FXML public TextField designThickness;
    @FXML public Button pdfButton;
    // @FXML public TabPane tabPane;
    // @FXML public Tab loadTab;
    public double trucks_out;
    public String trucks_out_str;
    public String pdfOutputNotice;
    public String txtOutputNotice;

    @FXML private void gotoClicked(ActionEvent event) {
        main.setStatusText("Go to Load Spectra Selector tab, complete form, and return to Main tab");
        // main.selectTab(loadTab);
        // This should open the Load Spectra Selector tab
        // Seems like it would be an easy thing to pull off but
        // don't want to investigate it right now
    }

    @FXML private void calcClicked(ActionEvent event) throws IOException {

        main.setStatusText("Writing to " + projectName.getText() + ".txt");
        pdfButton.setDisable(false);

        // get hashmap keys for choiceboxes, print out to project.txt, and CSV parse
        String climateKey = climate.getValue();
        String laneWidthKey = laneWidth.getValue();
        String jointSpacingKey = jointSpacing.getValue();
        String loadSpectraKey = loadSpectra.getText();
        String shoulderTypeKey = shoulderType.getValue();
        String baseTypeKey = baseType.getValue();
        String baseThicknessKey = baseThickness.getValue();
        String designLaneFactorKey = designLaneFactor.getValue();

        // Step 0a: Calculate traffic for performance criteria
        double hcadt = Double.parseDouble(trafficVolume.getText());
        double desln = Double.parseDouble(main.designLaneFactorValue(designLaneFactorKey));
        int years = Integer.parseInt(designLife.getText());
        double grwth = Double.parseDouble(trafficGrowth.getText()) / 100.0;
        double truck0 = hcadt * desln * 360 * 0.50;
        double truckyr = truck0;
    double trucklf = truckyr;
        for(int i=1;i<years;i++){
            truckyr = truckyr * ( 1 + grwth );
            trucklf = trucklf + truckyr;
        }
        trucks_out = trucklf;
        int trucks_out_int = (int) trucklf;
        trucks_out_str = NumberFormat.getIntegerInstance().format(trucks_out_int);

        // Step 0b: Assign performance criteria given trucks and location
        // New reliability criteria as of November 2017 TAP meeting
        String tempRl; String tempCr;
        Boolean perfCheck = main.perfDefaultCheckFromDefaults();
        if (perfCheck) {
            if (trucks_out >= 18000000){
                if ("MSP".equals(main.climateValue(climateKey))) {
                    tempRl = "97.5"; tempCr = "6.5";}
                else {
                    tempRl = "90.0"; tempCr = "15.0";}
            } else if (trucks_out >= 13000000){
                double Tr = trucks_out / 1000000;
                DecimalFormat dfa = new DecimalFormat("#.0");
                if ("MSP".equals(main.climateValue(climateKey))) {
                    double tR1d = 1.5 * ( Tr - 13. ) + 90.;
                    tempRl = String.valueOf(dfa.format(tR1d)); tempCr = "6.5";}
                else {
                    double tR1d = 3.0 * ( Tr - 13. ) + 75.;
                    tempRl = String.valueOf(dfa.format(tR1d)); tempCr = "15.0";}
            } else if (trucks_out >= 6500000){
                if ("MSP".equals(main.climateValue(climateKey))) {
                    tempRl = "90.0"; tempCr = "6.5";}
                else {
                    tempRl = "75.0"; tempCr = "15.0";}
            } else {
                if ("MSP".equals(main.climateValue(climateKey))) {
                    tempRl = "75.0"; tempCr = "6.5";}
                else {
                    tempRl = "50.0"; tempCr = "15.0";}
            }
            main.setReliabilityLevelFromSum(tempRl);
            main.setCrackedSlabsFromSum(tempCr);
        }

        txtOutputNotice = main.txtNoticeFromDefaults();
        pdfOutputNotice = main.pdfNoticeFromDefaults();
        if (txtOutputNotice == null && !txtOutputNotice.equals("")) {
            txtOutputNotice = "--DEFAULTS AND SUMMARY INPUTS----------";
        }
        if (pdfOutputNotice == null && !pdfOutputNotice.equals("")) {
            pdfOutputNotice = "Defaults";
        }

        // Step 1: Write out project.txt file
        String projectFilePath = projectPath.getText() + projectName.getText() + ".txt";

        File projectFile = new File(projectFilePath);
        BufferedWriter writer = null;
        writer = new BufferedWriter(new FileWriter(projectFile));
        try {
            writer.write(projectName.getText()); writer.newLine();
            writer.write(projectFilePath); writer.newLine();
            writer.write(projectNotes1.getText()); writer.newLine();
            writer.write(projectNotes2.getText()); writer.newLine();
            writer.write("--MAIN INPUTS----------"); writer.newLine();
            writer.write("Climate by District"); writer.newLine();
            writer.write(climateKey); writer.newLine();
            writer.write("Design life, years"); writer.newLine();
            writer.write(designLife.getText()); writer.newLine();
            writer.write("Initial 2-way traffic, HCADT"); writer.newLine();
            writer.write(trafficVolume.getText()); writer.newLine();
            writer.write("Linear traffic growth, %"); writer.newLine();
            writer.write(trafficGrowth.getText()); writer.newLine();
            writer.write("Axle load spectra"); writer.newLine();
            writer.write(loadSpectraKey); writer.newLine();
            writer.write("Base type"); writer.newLine();
            writer.write(baseTypeKey); writer.newLine();
            writer.write("Base thickness"); writer.newLine();
            writer.write(baseThicknessKey); writer.newLine();
            writer.write("Shoulder type"); writer.newLine();
            writer.write(shoulderTypeKey); writer.newLine();
            writer.write("Joint spacing, feet"); writer.newLine();
            writer.write(jointSpacingKey); writer.newLine();
            writer.write("Widened outer lane?"); writer.newLine();
            writer.write(laneWidthKey); writer.newLine();
            writer.write(txtOutputNotice); writer.newLine();
            writer.write("Number of design lanes, 2-way"); writer.newLine();
            writer.write(designLaneFactorKey); writer.newLine();
            writer.write("Total trucks over service life"); writer.newLine();
            writer.write(Integer.toString(trucks_out_int)); writer.newLine();
            writer.write("Flexural strength, psi"); writer.newLine();
            writer.write(main.flexuralStrengthFromDefaults()); writer.newLine();
            writer.write("Allowable cracked slabs, %"); writer.newLine();
            writer.write(main.crackedSlabsFromDefaults()); writer.newLine();
            writer.write("Reliability analysis"); writer.newLine();
            writer.write(main.reliabilityMethodFromDefaults()); writer.newLine();
            writer.write("Reliability level, %"); writer.newLine();
            writer.write(main.reliabilityLevelFromDefaults()); writer.newLine();
```

```java
            writer.write("PCC thickness COV"); writer.newLine();
            writer.write(main.thicknessCOVFromDefaults()); writer.newLine();
            writer.write("Flex strength COV"); writer.newLine();
            writer.write(main.flexuralCOVFromDefaults()); writer.newLine();
            writer.write("MEPDG Coefficient 1"); writer.newLine();
            writer.write(main.crackingCoeff1FromDefaults()); writer.newLine();
            writer.write("MEPDG Coefficient 2"); writer.newLine();
            writer.write(main.crackingCoeff2FromDefaults()); writer.newLine();
            writer.write("--RECOMMENDED DESIGN-------"); writer.newLine();
            writer.write("Thickness"); writer.newLine();
        }   catch(Exception e){
                throw new IOException(e);
        } finally {
            try {
                // Close the writer
                writer.close();
            } catch (Exception e) {
            }
        }

        // Step 2: CSV Parsing
        main.setStatusText("Parsing database of MEPDG 1.1 projects");
        List<String> csvMatch = new ArrayList<>();
        csvMatch.add(main.climateValue(climateKey)); // 0
        csvMatch.add(main.baseTypeValue(baseTypeKey)); // 1
        csvMatch.add(main.baseThicknessValue(baseThicknessKey)); // 2
        csvMatch.add(main.laneWidthValue(laneWidthKey)); // 3
        csvMatch.add(main.jointSpacingValue(jointSpacingKey));  // 4
        csvMatch.add(main.shoulderTypeValue(shoulderTypeKey)); // 5
        csvMatch.add(main.loadSpectraValue(loadSpectraKey)); // 6
        this.parseCSV(csvMatch);

        // Step 3a: Build strings cracking run using ProcessBuilder
        String crackingPath = main.mpr2ProgramPath + "damage.exe";
        // String crackingPath = getClass().getResource("damage.exe").getPath();
        // crackingEXE = crackingEXE.replace("%20", " ");
        // String arg2 = projectName.getText() + ".txt";
        // String arg1 = "output.csv";
        String arg2 = projectFilePath;
        String arg1 = main.mpr2ProgramPath + "output.csv";
        String resultsPath = main.mpr2ProgramPath + "RESULTS.TXT";

        try {
            // Step 3b: Run damage.exe using cmd line string
            main.setStatusText("Calculating design thickness...");
            Process p = null;
            ProcessBuilder pb = new ProcessBuilder(crackingPath, arg1, arg2);
            pb.directory(new File(main.mpr2ProgramPath));
            p = pb.start();
            p.waitFor();

            // Step 4: Read cracking output and echo result in Main tab
            BufferedReader br = new BufferedReader(new FileReader(resultsPath));
            String resultOut = br.readLine(); br.close();
            double hPCC = Double.parseDouble(resultOut);
            FileWriter fw = new FileWriter(projectFilePath,true); //the true will append the new line
            DecimalFormat df = new DecimalFormat("#.#");
            df.setRoundingMode(RoundingMode.CEILING);
            if (hPCC > 12.0) {
                fw.write("> 12.00" + "\n");//appends the string to the file
                fw.close();
                designThickness.setText(">12\"");
            }
            else {
                fw.write(resultOut + "\n");//appends the string to the file
                fw.close();
                resultOut = String.valueOf(Double.valueOf(df.format(hPCC)));
                designThickness.setText(resultOut + "\"");
            }
        }   catch (Exception e) {
            main.setStatusText(e.getMessage());
            designThickness.setText("ERR");
        }

        // Step 5: Delete intermediate files RESULTS.TXT and output.csv
        main.setStatusText("Design thickness calculation completed");
        File resultsTXT = new File(resultsPath);
        File outputCSV = new File(arg1);
        outputCSV.deleteOnExit();
        resultsTXT.deleteOnExit();
    }

    @FXML private void pdfClicked(ActionEvent event) throws IOException {
        String projectPDF = projectPath.getText() + projectName.getText() + ".pdf";
        String hPCC = designThickness.getText().substring(0, 3);
        main.setStatusText("PDF report at " + projectPDF);
        pdfButton.setDisable(true);
        try {
            InputStream jrxmlPathRTF = getClass().getResourceAsStream(
            "/mpr2-report.jrxml");
            String mndotLogoPath = getClass().getResource("/mndot-logo.png").
            toExternalForm();
            JasperReport jasperReport = JasperCompileManager.compileReport(jrxmlPathRTF);
            Map<String, Object> jrParameters = new HashMap<>();
            jrParameters.put("mndotlogopath", mndotLogoPath);
            jrParameters.put("projectname", projectName.getText());
            jrParameters.put("designthickness", designThickness.getText().substring(0, 3
            ) + " inches");
            jrParameters.put("designlife", designLife.getText() + " years");
            jrParameters.put("trafficvolume", trafficVolume.getText() + " HCADT");
            jrParameters.put("lanewidth", laneWidth.getValue());
            jrParameters.put("loadspectra", loadSpectra.getText());
            jrParameters.put("shouldertype", shoulderType.getValue());
            jrParameters.put("climate", climate.getValue());
            jrParameters.put("totaltrucks", trucks_out_str);
            jrParameters.put("trafficgrowth", trafficGrowth.getText() + "%");
            jrParameters.put("jointspacing", jointSpacing.getValue() + " feet");
            jrParameters.put("pdfOutputNotice", pdfOutputNotice);
            jrParameters.put("designlanetrucks", designLaneFactor.getValue());
            jrParameters.put("reliabilitymethod", main.reliabilityMethodFromDefaults());
            jrParameters.put("reliabilitylevel", main.reliabilityLevelFromDefaults() +
            "%");
            jrParameters.put("flexuralstrength", main.flexuralStrengthFromDefaults() +
            " psi");
            jrParameters.put("covpccthickness", main.thicknessCOVFromDefaults() + "%");
            jrParameters.put("covflexuralstrength", main.flexuralCOVFromDefaults() + "%"
            );
            jrParameters.put("crackedslabs", main.crackedSlabsFromDefaults() + "%");
            jrParameters.put("coeff1", main.crackingCoeff1FromDefaults());
            jrParameters.put("coeff2", main.crackingCoeff2FromDefaults());
            jrParameters.put("notes1", projectNotes1.getText());
            jrParameters.put("notes2", projectNotes2.getText());
            jrParameters.put("basetype", baseType.getValue());
            jrParameters.put("basethickness", baseThickness.getValue() + " inches");
            JasperPrint jasperPrint = JasperFillManager.fillReport(jasperReport,
            jrParameters, new JREmptyDataSource());
            JasperExportManager.exportReportToPdfFile(jasperPrint,projectPDF);
        }   catch(Exception e){
                throw new IOException(e);
        }
    }

    private void parseCSV(List<String> list) throws FileNotFoundException, IOException{
        File outputCSV = new File(main.mpr2ProgramPath + "output.csv");
        InputStream databaseCSV = getClass().getResourceAsStream("/mpr2-database.csv");
        // File databaseCSV = new File(path+File.separator+"mpr1-database.csv"");
        BufferedReader in = new BufferedReader(new InputStreamReader(databaseCSV, "UTF-8"));
        // BufferedReader in = new BufferedReader(new FileReader(databaseCSV);
        try (BufferedWriter out = new BufferedWriter(new FileWriter(outputCSV))) {
            String curLine;
            while((curLine=in.readLine())!=null){
                String[] cols = curLine.split(",");
                String clim = cols[1]; String base = cols[2]; String hbas = cols[3];
                String lane = cols[6]; String jtsp = cols[8]; String edge = cols[9];
                String axle = cols[10];
                if(clim.equals(list.get(0)) && base.equals(list.get(1)) && hbas.equals(list.get(2)) &&
                        lane.equals(list.get(3)) && jtsp.equals(list.get(4)) && edge.equals(list.get(5)) &&
                        axle.equals(list.get(6))){
                    out.write(curLine);
                    out.newLine();
                }
            }
            out.flush();
            out.close();
        }
    }

    public void init(MainController mainController) {
            main = mainController;
    }
}
```

```java
package controller.tab;

import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;
import controller.MainController;

public class UserGuideController {

    private MainController main;

    @FXML private void openClicked(ActionEvent event) {

    }

    @FXML private void viewClicked(ActionEvent event) {

    }

    public void init(MainController mainController) {
            main = mainController;
    }
}

```

```xml
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.Tab?>
<?import javafx.scene.control.TabPane?>
<?import javafx.scene.image.Image?>
<?import javafx.scene.image.ImageView?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.shape.Line?>

<AnchorPane id="AnchorPane" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="600.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.MainController">
<TabPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="580.0" prefWidth="560.0" tabClosingPolicy="UNAVAILABLE" tabMaxHeight="45.0" tabMaxWidth="129.0" tabMinHeight="45.0" tabMinWidth="67.0" AnchorPane.bottomAnchor="0.0" AnchorPane.leftAnchor="0.0" AnchorPane.rightAnchor="0.0" AnchorPane.topAnchor="0.0">
    <tabs>
        <Tab fx:id="mainTab" text="Main">
            <content>
                <fx:include fx:id="sumTab" source="tab/sumTabPane.fxml" />
            </content>
        </Tab>
        <Tab fx:id="defaultsTab" text="Defaults">
            <content>
                <fx:include fx:id="defaultsTab" source="tab/defaultsTabPane.fxml" />
            </content>
        </Tab>
        <Tab fx:id="loadTab" text="Load Spectra Selector">
            <content>
                <fx:include fx:id="loadSpectraTab" source="tab/loadSpectraTabPane.fxml" />
            </content>
        </Tab>
        <Tab fx:id="designTab" text="Design Values">
            <content>
                <fx:include fx:id="designTab" source="tab/designTabPane.fxml" />
            </content>
        </Tab>
        <Tab fx:id="userTab" text="User Guide">
            <content>
                <fx:include fx:id="userGuideTab" source="tab/userGuideTabPane.fxml" />
            </content>
        </Tab>
        <Tab fx:id="aboutTab" text="About">
            <content>
              <fx:include fx:id="aboutTab" source="tab/aboutTabPane.fxml" />
            </content>
        </Tab>
    </tabs>
</TabPane>
   <ImageView fitHeight="35.0" fitWidth="35.0" layoutX="522.0" layoutY="10.0">
      <image>
         <Image url="@../../../../mndot-logo.png" />
      </image>
   </ImageView>
   <Line endX="560.0" endY="580.0" startY="582.0" stroke="#d7d7d7" strokeWidth="0.5" />
   <Label fx:id="statusText" layoutY="585.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="15.0" prefWidth="560.0" text="Status">
      <padding>
         <Insets left="5.0" />
      </padding>
    </Label>
</AnchorPane>

```

```xml
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Button?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.TextField?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.layout.ColumnConstraints?>
<?import javafx.scene.layout.GridPane?>
<?import javafx.scene.layout.RowConstraints?>
<?import javafx.scene.shape.Rectangle?>
<?import javafx.scene.text.Font?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.LoadSpectraController">
   <children>
      <GridPane layoutX="-5.0" layoutY="20.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="485.0" prefWidth="560.0">
         <columnConstraints>
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="20.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="100.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="100.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints halignment="RIGHT" hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints halignment="CENTER" hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="20.0" />
         </columnConstraints>
         <rowConstraints>
            <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
            <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
            <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow=
"NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
            <RowConstraints maxHeight="45.0" minHeight="45.0" prefHeight="45.0" vgrow="NEVER" />
         </rowConstraints>
         <children>
            <Rectangle arcHeight="5.0" arcWidth="5.0" fill="#1f93ff00" height="34.0" stroke="BLACK" strokeType="INSIDE" width="79.0" GridPane.columnIndex="12" GridPane.rowIndex="1" />
            <Label alignment="BOTTOM_CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="Class" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="2" GridPane.valignment="BOTTOM">
               <font>
                  <Font size="18.0" />
               </font>
               <GridPane.margin>
                  <Insets left="2.0" right="2.0" />
               </GridPane.margin>
            </Label>
            <Label alignment="BOTTOM_CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="56.0" prefWidth="106.0" text="Base Year Proportions" textAlignment="CENTER" wrapText="true" GridPane.columnIndex="7" GridPane.halignment="CENTER" GridPane.rowIndex="1" GridPane.rowSpan="2" GridPane.valignment="BOTTOM">
               <font>
                  <Font size="18.0" />
               </font>
               <GridPane.margin>
                  <Insets left="2.0" right="2.0" />
               </GridPane.margin>
            </Label>
            <Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="2AX-6TIRE SU" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="3" GridPane.valignment="CENTER">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Button alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#selectClicked" prefHeight="76.0" prefWidth="192.0" text="Select Load Spectra" textAlignment="CENTER" wrapText="true" GridPane.columnIndex="9" GridPane.halignment="LEFT" GridPane.rowIndex="11" GridPane.valignment="BOTTOM">
               <font>
                  <Font name="System Bold" size="19.0" />
               </font>
               <GridPane.margin>
```

```
                  <Insets bottom="2.0" left="4.0" right="4.0" />
               </GridPane.margin>
            </Button>
            <Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="4" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="3" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="72.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="5" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="4" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="112.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="6" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="5" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="152.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="7" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="6" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="192.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="8" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="7" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="232.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="9" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="8" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="272.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="10" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="10" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="14.0" layoutY="352.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="76.0" text="11" textAlignment="CENTER" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="11" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="72.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="3AX+ SU" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="4">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="112.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="3AX TST" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="5">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="152.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="4AX TST" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="6">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="192.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="5AX+ TST" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="7">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="232.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="120.0" text="(5AX+ TST MAX)" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="8">
               <padding>
                  <Insets right="5.0" />
               </padding>
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Label alignment="CENTER" layoutX="90.0" layoutY="272.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
```

```
prefHeight="36.0" prefWidth="120.0" text="(5AX+ TST OTH)" textAlignment=
"RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="9">
   <padding>
      <Insets right="5.0" />
   </padding>
   <font>
      <Font size="14.0" />
   </font>
</Label>
<Label alignment="CENTER" layoutX="90.0" layoutY="312.0" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="120.0" text="TR TR BUSES" textAlignment="RIGHT"
 wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="10">
   <padding>
      <Insets right="5.0" />
   </padding>
   <font>
      <Font size="14.0" />
   </font>
</Label>
<Label alignment="CENTER" layoutX="90.0" layoutY="352.0" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="120.0" text="TWIN TRAILERS" textAlignment=
"RIGHT" wrapText="true" GridPane.columnIndex="5" GridPane.rowIndex="11">
   <padding>
      <Insets right="5.0" />
   </padding>
   <font>
      <Font size="14.0" />
   </font>
</Label>
<Label alignment="BOTTOM_CENTER" layoutX="12.0" layoutY="37.0" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="196.0" text="MnDOT Trucks" textAlignment=
"CENTER" GridPane.columnIndex="1" GridPane.halignment="LEFT"
GridPane.rowIndex="1" GridPane.valignment="BOTTOM">
   <font>
      <Font size="18.0" />
   </font>
</Label>
<Label alignment="BOTTOM_CENTER" layoutX="12.0" layoutY="37.0" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="116.0" text="Description" textAlignment=
"CENTER" GridPane.columnIndex="4" GridPane.halignment="CENTER"
GridPane.rowIndex="2" GridPane.valignment="BOTTOM">
   <font>
      <Font size="18.0" />
   </font>
   <GridPane.margin>
      <Insets left="2.0" right="2.0" />
   </GridPane.margin>
</Label>
<Label alignment="CENTER_RIGHT" layoutX="30.0" layoutY="34.0" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="236.0" text="Selected axle load spectra:"
textAlignment="CENTER" GridPane.columnIndex="8" GridPane.halignment="RIGHT"
GridPane.rowIndex="13" GridPane.valignment="CENTER">
   <font>
      <Font size="18.0" />
   </font>
</Label>
<TextField fx:id="selectedLoadSpectra" editable="false" maxHeight=
"-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity"
prefHeight="36.0" prefWidth="192.0" promptText="Enter traffic data"
GridPane.columnIndex="9" GridPane.halignment="LEFT" GridPane.rowIndex="13"
GridPane.valignment="CENTER">
```

```
   <GridPane.margin>
      <Insets left="4.0" right="4.0" />
   </GridPane.margin>
   <font>
      <Font size="17.0" />
   </font>
</TextField>
<Label maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="90.0" prefWidth="210.0" text="1. Enter base year proportions from MnDOT Traffic report" wrapText="true" GridPane.columnIndex="11" GridPane.halignment="CENTER" GridPane.rowIndex="3" GridPane.valignment="TOP">
   <font>
      <Font name="System Italic" size="20.0" />
   </font>
   <padding>
      <Insets left="10.0" />
   </padding>
</Label>
<TextField fx:id="c04" alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="106.0" text="1.9" GridPane.columnIndex="6" GridPane.halignment="LEFT" GridPane.rowIndex="3" GridPane.valignment="CENTER">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c05" alignment="CENTER" layoutX="238.0" layoutY="82.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="106.0" text="0.9" GridPane.columnIndex="6" GridPane.rowIndex="4">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c06" alignment="CENTER" layoutX="238.0" layoutY="122.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.1" GridPane.columnIndex="6" GridPane.rowIndex="5">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c07" alignment="CENTER" layoutX="238.0" layoutY="162.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.2" GridPane.columnIndex="6" GridPane.rowIndex="6">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c08" alignment="CENTER" layoutX="238.0" layoutY="202.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="4.5"
```

```
GridPane.columnIndex="6" GridPane.rowIndex="7">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c09a" alignment="CENTER" layoutX="230.0" layoutY="242.0"
maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.0"
GridPane.columnIndex="6" GridPane.rowIndex="8">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c09b" alignment="CENTER" layoutX="230.0" layoutY="282.0"
maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.0"
GridPane.columnIndex="6" GridPane.rowIndex="9">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c10" alignment="CENTER" layoutX="230.0" layoutY="322.0"
maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.4"
GridPane.columnIndex="6" GridPane.rowIndex="10">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<TextField fx:id="c11" alignment="CENTER" layoutX="230.0" layoutY="362.0"
maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="36.0" prefWidth="106.0" promptText="\%" text="0.1"
GridPane.columnIndex="6" GridPane.rowIndex="11">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="8.0" />
   </GridPane.margin>
</TextField>
<Label prefHeight="30.0" prefWidth="40.0" text="Class 9 &amp; 11"
textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="12"
GridPane.halignment="RIGHT" GridPane.rowIndex="1" GridPane.valignment=
"CENTER">
   <font>
      <Font size="10.0" />
   </font>
</Label>
<TextField fx:id="truckDistribution" maxHeight="-Infinity" maxWidth=
"-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="30.0"
prefWidth="36.0" style="-fx-background-color: whitesmoke;"
GridPane.columnIndex="13" GridPane.columnSpan="2" GridPane.halignment="LEFT"
 GridPane.rowIndex="1">
   <GridPane.margin>
```

```
                  <Insets />
               </GridPane.margin>
               <font>
                  <Font name="System Italic" size="8.0" />
               </font>
            </TextField>
            <Label alignment="TOP_LEFT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="90.0" prefWidth="210.0" text="2. Click &quot;Select Load Spectra&quot;" wrapText="true" GridPane.columnIndex="11" GridPane.halignment="CENTER" GridPane.rowIndex="7" GridPane.valignment="BOTTOM">
               <font>
                  <Font name="System Italic" size="20.0" />
               </font>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
               <padding>
                  <Insets left="10.0" />
               </padding>
            </Label>
            <Label alignment="TOP_LEFT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="60.0" prefWidth="210.0" text="3. Return to Main tab" wrapText="true" GridPane.columnIndex="11" GridPane.halignment="CENTER" GridPane.rowIndex="8" GridPane.valignment="TOP">
               <font>
                  <Font name="System Italic" size="20.0" />
               </font>
               <padding>
                  <Insets left="10.0" />
               </padding>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
            </Label>
         </children>
      </GridPane>
   </children>
</AnchorPane>

```

```xml
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Button?>
<?import javafx.scene.control.ChoiceBox?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.Separator?>
<?import javafx.scene.control.TextField?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.layout.ColumnConstraints?>
<?import javafx.scene.layout.GridPane?>
<?import javafx.scene.layout.RowConstraints?>
<?import javafx.scene.shape.Rectangle?>
<?import javafx.scene.text.Font?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.SumController">
   <children>
      <GridPane layoutX="-33.0" layoutY="5.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="540.0" prefWidth="560.0" AnchorPane.bottomAnchor="5.0" AnchorPane.leftAnchor="5.0" AnchorPane.rightAnchor="5.0" AnchorPane.topAnchor="5.0">
         <columnConstraints>
            <ColumnConstraints hgrow="NEVER" maxWidth="30.0" minWidth="30.0" prefWidth="30.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="30.0" minWidth="30.0" prefWidth="30.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="30.0" minWidth="30.0" prefWidth="30.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="30.0" minWidth="30.0" prefWidth="30.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="20.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints />
            <ColumnConstraints />
         </columnConstraints>
         <rowConstraints>
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
         <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
         <RowConstraints maxHeight="70.0" minHeight="70.0" prefHeight="70.0" vgrow="NEVER" />
      </rowConstraints>
      <children>
         <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="70.0" text="Project" textAlignment="RIGHT" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.valignment="CENTER">
            <font>
               <Font size="18.0" />
            </font>
            <GridPane.margin>
               <Insets />
            </GridPane.margin>
            <padding>
               <Insets right="2.0" />
            </padding>
         </Label>
         <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="95.0" text="Designer" textAlignment="RIGHT" GridPane.columnIndex="11" GridPane.halignment="RIGHT" GridPane.valignment="CENTER">
            <font>
               <Font size="18.0" />
            </font>
            <GridPane.margin>
               <Insets />
            </GridPane.margin>
            <padding>
               <Insets right="2.0" />
            </padding>
         </Label>
         <TextField fx:id="projectPath" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="447.0" text="Insert directory with JAR and EXE here" GridPane.columnIndex="3" GridPane.halignment="LEFT" GridPane.rowIndex="1" GridPane.valignment="CENTER">
            <font>
               <Font name="System Italic" size="11.0" />
            </font>
            <padding>
               <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
            </padding>
         </TextField>
```

```
            <Separator prefHeight="0.0" prefWidth="600.0" GridPane.columnSpan="15" GridPane.halignment="CENTER" GridPane.rowIndex="3" GridPane.valignment="CENTER">
               <GridPane.margin>
                  <Insets left="5.0" right="5.0" />
               </GridPane.margin>
            </Separator>
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="160.0" text="Climate by district" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="12" GridPane.halignment="RIGHT" GridPane.rowIndex="4" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <opaqueInsets>
                  <Insets right="2.0" />
               </opaqueInsets>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
               <padding>
                  <Insets right="5.0" />
               </padding>
            </Label>
            <ChoiceBox fx:id="climate" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="77.0" GridPane.columnIndex="13" GridPane.rowIndex="4" />
            <Separator layoutX="15.0" layoutY="174.0" prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="15" GridPane.halignment="CENTER" GridPane.rowIndex="5" GridPane.valignment="CENTER">
               <GridPane.margin>
                  <Insets left="5.0" right="5.0" />
               </GridPane.margin>
            </Separator>
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="150.0" text="Design life, years" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="4" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <padding>
                  <Insets right="5.0" />
               </padding>
            </Label>
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="175.0" text="Two-way HCADT" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="6" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <padding>
                  <Insets right="5.0" />
               </padding>
            </Label>
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="210.0" text="Linear yearly growth, %" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="12" GridPane.halignment="RIGHT" GridPane.rowIndex="6" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
                  </font>
                  <opaqueInsets>
                     <Insets right="2.0" />
                  </opaqueInsets>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="175.0" text="Axle load spectra" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="8" GridPane.valignment="CENTER">
                  <font>
                     <Font size="18.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <Separator layoutX="15.0" layoutY="224.0" prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="15" GridPane.rowIndex="9" />
               <Separator layoutX="10.0" layoutY="314.0" prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="15" GridPane.rowIndex="14" />
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="170.0" text="Widened outer lane?" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="12" GridPane.valignment="CENTER">
                  <font>
                     <Font size="18.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <ChoiceBox fx:id="laneWidth" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" GridPane.columnIndex="6" GridPane.rowIndex="12" />
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="160.0" text="Joint spacing, feet" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="12" GridPane.halignment="RIGHT" GridPane.rowIndex="12" GridPane.valignment="CENTER">
                  <font>
                     <Font size="18.0" />
                  </font>
                  <opaqueInsets>
                     <Insets right="2.0" />
                  </opaqueInsets>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <ChoiceBox fx:id="jointSpacing" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="77.0" GridPane.columnIndex="13" GridPane.rowIndex="12" />
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="175.0" text="Shoulder type" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="13" GridPane.valignment="CENTER">
                  <font>
                     <Font size="18.0" />
                  </font>
                  <padding>
```

```
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <ChoiceBox fx:id="shoulderType" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="235.0" GridPane.columnIndex="6" GridPane.rowIndex="13" />
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="56.0" prefWidth="85.0" text="Design thickness" textAlignment="RIGHT" textFill="#21792a" wrapText="true" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="15" GridPane.valignment="CENTER">
                  <font>
                     <Font name="System Bold" size="16.0" />
                  </font>
                  <padding>
                     <Insets right="2.0" />
                  </padding>
                  <GridPane.margin>
                     <Insets bottom="5.0" />
                  </GridPane.margin>
               </Label>
               <Button alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#calcClicked" prefHeight="66.0" prefWidth="160.0" text="Calculate Thickness" textAlignment="CENTER" wrapText="true" GridPane.columnIndex="7" GridPane.columnSpan="2" GridPane.halignment="LEFT" GridPane.rowIndex="15" GridPane.valignment="CENTER">
                  <font>
                     <Font name="System Bold" size="18.0" />
                  </font>
                  <GridPane.margin>
                     <Insets bottom="5.0" />
                  </GridPane.margin>
               </Button>
               <TextField fx:id="projectNotes1" layoutX="150.0" layoutY="52.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="117.0" promptText="Designer" text="---" GridPane.columnIndex="12">
                  <font>
                     <Font size="14.0" />
                  </font>
                  <padding>
                     <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
                  </padding>
               </TextField>
               <TextField fx:id="projectNotes2" layoutX="150.0" layoutY="92.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="447.0" promptText="Project notes here" text="---" GridPane.columnIndex="3" GridPane.rowIndex="2">
                  <font>
                     <Font size="14.0" />
                  </font>
                  <padding>
                     <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
                  </padding>
               </TextField>
               <TextField fx:id="projectName" layoutX="150.0" layoutY="52.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="249.0" promptText="Project Name" text="test" GridPane.columnIndex="3">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <padding>
                     <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
                  </padding>
```

```
</TextField>
<TextField fx:id="designLife" layoutX="150.0" layoutY="12.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" promptText="Yrs" text="35" GridPane.columnIndex="6" GridPane.rowIndex="4">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
   </padding>
</TextField>
<TextField fx:id="trafficVolume" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" promptText="Vol" text="1000" GridPane.columnIndex="6" GridPane.rowIndex="6">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
   </padding>
</TextField>
<TextField fx:id="trafficGrowth" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="77.0" promptText="Per" text="1" GridPane.columnIndex="13" GridPane.rowIndex="6">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets bottom="2.0" left="5.0" right="2.0" top="2.0" />
   </padding>
</TextField>
<TextField fx:id="designThickness" editable="false" layoutX="470.0" layoutY="232.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="56.0" prefWidth="77.0" promptText="&quot;" GridPane.columnIndex="3" GridPane.rowIndex="15" GridPane.valignment="CENTER">
   <font>
      <Font size="24.0" />
   </font>
   <padding>
      <Insets bottom="4.0" left="4.0" right="4.0" top="4.0" />
   </padding>
   <GridPane.margin>
      <Insets bottom="5.0" left="5.0" />
   </GridPane.margin>
</TextField>
<Button fx:id="pdfButton" alignment="CENTER" disable="true" layoutX="270.0" layoutY="417.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#pdfClicked" prefHeight="66.0" prefWidth="120.0" text="Print PDF Report" textAlignment="CENTER" wrapText="true" GridPane.columnIndex="14" GridPane.halignment="RIGHT" GridPane.rowIndex="15" GridPane.valignment="CENTER">
   <font>
      <Font name="System Bold" size="16.0" />
   </font>
   <GridPane.margin>
      <Insets bottom="5.0" />
   </GridPane.margin>
</Button>
<Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="71.0" text="Filepath" textAlignment="RIGHT" GridPane.columnSpan="3" GridPane.halignment="RIGHT" GridPane.rowIndex="1" GridPane.valignment=
"CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
               <padding>
                  <Insets right="2.0" />
               </padding>
            </Label>
            <TextField fx:id="loadSpectra" editable="false" layoutX="190.0" layoutY="232.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="220.0" text="MnDOT WIM Average" GridPane.columnIndex="6" GridPane.rowIndex="8">
               <font>
                  <Font name="System Italic" size="16.0" />
               </font>
               <padding>
                  <Insets left="5.0" right="2.0" top="2.0" />
               </padding>
            </TextField>
            <Button alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#gotoClicked" prefHeight="36.0" prefWidth="125.0" text="Select non-default load spectra" textAlignment="CENTER" wrapText="true" GridPane.columnIndex="14" GridPane.halignment="RIGHT" GridPane.rowIndex="8" GridPane.valignment="BOTTOM">
               <font>
                  <Font name="System Italic" size="11.0" />
               </font>
               <GridPane.margin>
                  <Insets bottom="2.0" right="5.0" />
               </GridPane.margin>
               <padding>
                  <Insets bottom="1.0" />
               </padding>
            </Button>
            <ChoiceBox fx:id="baseType" layoutX="190.0" layoutY="412.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="166.0" GridPane.columnIndex="3" GridPane.rowIndex="10" />
            <Label layoutX="20.0" layoutY="372.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="111.0" text="Base type" textAlignment="RIGHT" GridPane.columnIndex="3" GridPane.halignment="RIGHT" GridPane.rowIndex="10" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <padding>
                  <Insets right="5.0" />
               </padding>
            </Label>
            <Separator layoutX="10.0" layoutY="314.0" prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="15" GridPane.rowIndex="11" />
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="190.0" text="Base thickness, inches" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="12" GridPane.halignment="RIGHT" GridPane.rowIndex="10" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <opaqueInsets>
                  <Insets right="2.0" />
               </opaqueInsets>
               <padding>
                  <Insets right="2.0" />
               </padding>
            </Label>
            <ChoiceBox fx:id="baseThickness" layoutX="470.0" layoutY="372.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="77.0" GridPane.columnIndex="13" GridPane.rowIndex="10" />
            <Rectangle arcHeight="5.0" arcWidth="5.0" fill="#1f93ff00" height="66.0" stroke="BLACK" strokeType="INSIDE" strokeWidth="2.0" width="175.0" GridPane.rowIndex="15" />
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="78.0" text="Notes" textAlignment="RIGHT" GridPane.columnIndex="2" GridPane.halignment="RIGHT" GridPane.rowIndex="2" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
               <padding>
                  <Insets right="2.0" />
               </padding>
            </Label>
            <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="239.0" text="Number of Lanes (two-way)" textAlignment="RIGHT" GridPane.columnIndex="7" GridPane.halignment="RIGHT" GridPane.rowIndex="7" GridPane.valignment="CENTER">
               <font>
                  <Font size="18.0" />
               </font>
               <padding>
                  <Insets right="5.0" />
               </padding>
            </Label>
            <ChoiceBox fx:id="designLaneFactor" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="116.0" GridPane.columnIndex="8" GridPane.rowIndex="7" />
         </children>
      </GridPane>
   </children>
</AnchorPane>
```

```
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.scene.control.Label?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.text.Font?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111
" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.UserGuideController">
   <children>
      <Label layoutX="10.0" layoutY="29.0" maxHeight="-Infinity" maxWidth="-Infinity"
      minHeight="-Infinity" minWidth="-Infinity" prefHeight="260.0" prefWidth="540.0"
      text="The MnDOT simplified rigid M-E design program is based on the performance
      of over 21,000 jointed plain concrete pavement projects simulated using the
      AASHTO Mechanistic- Empirical Pavement Design Guide version 1.1.  These projects
      were selected to represent a large majority of rigid pavements constructed in
      Minnesota in terms of traffic, climate, and general pavement cross-section (e.g.
      layer thicknesses, materials, etc.)." textAlignment="JUSTIFY" wrapText="true">
         <font>
            <Font name="System Italic" size="18.0" />
         </font>
      </Label>
      <Label alignment="CENTER" layoutX="10.0" layoutY="316.0" maxHeight="-Infinity"
      maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="28.0"
      prefWidth="540.0" text="The user guide is located at" textAlignment="JUSTIFY"
      wrapText="true">
         <font>
            <Font name="System Italic" size="18.0" />
         </font>
      </Label>
      <Label alignment="CENTER" layoutX="10.0" layoutY="354.0" maxHeight="-Infinity"
      maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="41.0"
      prefWidth="540.0" text="https://www.lrrb.org/pdf/201427.pdf" textAlignment=
      "JUSTIFY" wrapText="true">
         <font>
            <Font name="System Italic" size="28.0" />
         </font>
      </Label>
   </children>
</AnchorPane>

```

```
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.Separator?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.layout.ColumnConstraints?>
<?import javafx.scene.layout.GridPane?>
<?import javafx.scene.layout.RowConstraints?>
<?import javafx.scene.text.Font?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.AboutController">
   <children>
      <GridPane layoutX="58.0" layoutY="80.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="480.0" prefWidth="560.0" AnchorPane.bottomAnchor="0.0" AnchorPane.leftAnchor="0.0" AnchorPane.rightAnchor="0.0" AnchorPane.topAnchor="0.0">
         <columnConstraints>
            <ColumnConstraints hgrow="SOMETIMES" maxWidth="10.0" minWidth="10.0" prefWidth="10.0" />
            <ColumnConstraints hgrow="SOMETIMES" maxWidth="540.0" minWidth="540.0" prefWidth="540.0" />
            <ColumnConstraints hgrow="SOMETIMES" maxWidth="10.0" minWidth="10.0" prefWidth="10.0" />
         </columnConstraints>
         <rowConstraints>
            <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
            <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="30.0" vgrow="NEVER" />
            <RowConstraints maxHeight="20.0" minHeight="20.0" prefHeight="20.0" valignment="BOTTOM" vgrow="NEVER" />
            <RowConstraints maxHeight="23.0" minHeight="23.0" prefHeight="23.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="23.0" minHeight="23.0" prefHeight="23.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="15.0" minHeight="15.0" prefHeight="15.0" vgrow="NEVER" />
            <RowConstraints maxHeight="20.0" minHeight="20.0" prefHeight="20.0" valignment="BOTTOM" vgrow="NEVER" />
            <RowConstraints maxHeight="23.0" minHeight="23.0" prefHeight="23.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="15.0" minHeight="15.0" prefHeight="15.0" vgrow="NEVER" />
            <RowConstraints maxHeight="20.0" minHeight="20.0" prefHeight="20.0" valignment="BOTTOM" vgrow="NEVER" />
            <RowConstraints maxHeight="83.0" minHeight="83.0" prefHeight="83.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="15.0" minHeight="15.0" prefHeight="15.0" vgrow="NEVER" />
            <RowConstraints maxHeight="20.0" minHeight="20.0" prefHeight="20.0" valignment="BOTTOM" vgrow="NEVER" />
            <RowConstraints maxHeight="23.0" minHeight="23.0" prefHeight="23.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="15.0" minHeight="15.0" prefHeight="15.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" valignment="TOP" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" valignment="BOTTOM" vgrow="NEVER" />
            <RowConstraints maxHeight="110.0" minHeight="110.0" prefHeight="110.0" valignment="TOP" vgrow="NEVER" />
         </rowConstraints>
         <children>
         <Label maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Research and Program Development:" GridPane.columnIndex="1" GridPane.rowIndex="2">
            <font>
               <Font name="System Bold" size="14.0" />
            </font>
         </Label>
         <Label alignment="TOP_LEFT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="19.0" prefWidth="540.0" text="Derek Tompkins (American Engineering Testing)" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="3">
            <font>
               <Font size="14.0" />
            </font>
            <GridPane.margin>
               <Insets bottom="4.0" top="2.0" />
            </GridPane.margin>
         </Label>
         <Label layoutX="20.0" layoutY="40.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Tim Andersen (MnDOT Research); Luke Johanneck (MnDOT District 2)" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="7">
            <font>
               <Font size="14.0" />
            </font>
            <GridPane.margin>
               <Insets bottom="4.0" top="2.0" />
            </GridPane.margin>
         </Label>
         <Label layoutX="20.0" layoutY="40.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="80.0" prefWidth="540.0" text="Curt Turgeon, Steve Henrichs, Bruce Tanquist (MnDOT Pavement Design); Shongtao Dai, Tom Burnham, Bernard Izevbekhai (MnDOT Research); Maria Masten (MnDOT Concrete); Matt Zeller (Concrete Pavement Association of Minnesota); Joel Ulring (MnDOT State Aid); Chris Dulian (MnDOT District 6); Tim Clyne (MnDOT Metro)" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="10">
            <font>
               <Font size="14.0" />
            </font>
            <GridPane.margin>
               <Insets bottom="4.0" top="2.0" />
            </GridPane.margin>
         </Label>
         <Label layoutX="20.0" layoutY="20.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Technical Liason:" GridPane.columnIndex="1" GridPane.rowIndex="6">
            <font>
               <Font name="System Bold" size="14.0" />
            </font>
         </Label>
         <Label layoutX="20.0" layoutY="96.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Technical Advisory Panel:" GridPane.columnIndex="1" GridPane.rowIndex="9">
            <font>
               <Font name="System Bold" size="14.0" />
            </font>
         </Label>
         <Label layoutX="20.0" layoutY="96.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Project Coordinators:" GridPane.columnIndex="1" GridPane.rowIndex="12">
            <font>
```

```
                  <Font name="System Bold" size="14.0" />
               </font>
               <GridPane.margin>
                  <Insets />
               </GridPane.margin>
            </Label>
            <Label layoutX="20.0" layoutY="118.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="540.0" text="Chris Kline, Bruce Holdhusen (MnDOT Research Services)" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="13">
               <font>
                  <Font size="14.0" />
               </font>
               <GridPane.margin>
                  <Insets bottom="4.0" top="2.0" />
               </GridPane.margin>
            </Label>
            <Label layoutX="20.0" layoutY="42.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="40.0" prefWidth="540.0" text="Special thanks to Ben Timerson, Gene Hicks, and Tom Nelson from the MnDOT Traffic Office for their help in the development of the Minnesota axle load spectra" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="15">
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
            <Separator prefWidth="200.0" GridPane.columnIndex="1" GridPane.rowIndex="16" />
            <Label layoutX="20.0" layoutY="324.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="87.0" prefWidth="540.0" text="DISCLAIMER: Neither the State of Minnesota, the Minnesota Department of Transportation nor their employees make any representations or warranties, express or implied, with respect to the use of or reliance on the data provided herewith, regardless of its format or means of transmission. There are no guarantees or representations to the user as to the accuracy, currency, completeness, suitability or reliability of this data for any purpose. THE USER ACCEPTS THE DATA 'AS IS' AND ASSUMES ALL RISKS ASSOCIATED WITH ITS USE. The Minnesota Department of Transportation assumes no responsibility for actual, consequential, incidental, special or exemplary damages resulting from, caused by or associated with any user's reliance on or use of this data, even if appraised of the likelihood of such damages occurring." wrapText="true" GridPane.columnIndex="1" GridPane.halignment="LEFT" GridPane.rowIndex="17" GridPane.valignment="TOP">
               <font>
                  <Font name="System Italic" size="10.0" />
               </font>
            </Label>
            <Label alignment="TOP_LEFT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="19.0" prefWidth="540.0" text="Lev Khazanovich (U. Pittsburgh)" wrapText="true" GridPane.columnIndex="1" GridPane.rowIndex="4">
               <font>
                  <Font size="14.0" />
               </font>
            </Label>
         </children>
      </GridPane>
   </children>
</AnchorPane>

```

```xml
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Button?>
<?import javafx.scene.control.ChoiceBox?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.control.RadioButton?>
<?import javafx.scene.control.Separator?>
<?import javafx.scene.control.TextField?>
<?import javafx.scene.control.ToggleGroup?>
<?import javafx.scene.layout.AnchorPane?>
<?import javafx.scene.layout.ColumnConstraints?>
<?import javafx.scene.layout.GridPane?>
<?import javafx.scene.layout.RowConstraints?>
<?import javafx.scene.text.Font?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.111" xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.DefaultsController">
   <children>
      <GridPane layoutY="20.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="485.0" prefWidth="560.0">
         <columnConstraints>
            <ColumnConstraints hgrow="NEVER" maxWidth="30.0" minWidth="30.0" prefWidth="30.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="20.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="20.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="25.0" minWidth="25.0" prefWidth="25.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="20.0" minWidth="20.0" prefWidth="100.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="40.0" minWidth="40.0" prefWidth="40.0" />
            <ColumnConstraints hgrow="NEVER" maxWidth="45.0" minWidth="45.0" prefWidth="45.0" />
         </columnConstraints>
         <rowConstraints>
            <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
            <RowConstraints maxHeight="60.0" minHeight="60.0" prefHeight="60.0" vgrow="NEVER" />
            <RowConstraints maxHeight="15.0" minHeight="15.0" prefHeight="15.0" vgrow="NEVER" />
            <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
            <RowConstraints maxHeight="5.0" minHeight="5.0" prefHeight="5.0" vgrow=
               "NEVER" />
               <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
               <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
               <RowConstraints maxHeight="50.0" minHeight="50.0" prefHeight="50.0" vgrow="NEVER" />
               <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
               <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
               <RowConstraints maxHeight="30.0" minHeight="30.0" prefHeight="30.0" vgrow="NEVER" />
               <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
               <RowConstraints maxHeight="40.0" minHeight="40.0" prefHeight="40.0" vgrow="NEVER" />
               <RowConstraints maxHeight="10.0" minHeight="10.0" prefHeight="10.0" vgrow="NEVER" />
               <RowConstraints maxHeight="25.0" minHeight="25.0" prefHeight="25.0" vgrow="NEVER" />
            </rowConstraints>
            <children>
               <Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="60.0" prefWidth="275.0" text="Default Inputs" wrapText="true" GridPane.halignment="LEFT" GridPane.rowIndex="1" GridPane.valignment="TOP">
                  <font>
                     <Font name="System Bold" size="28.0" />
                  </font>
                  <GridPane.margin>
                     <Insets right="5.0" />
                  </GridPane.margin>
               </Label>
               <Separator prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="16" GridPane.halignment="CENTER" GridPane.rowIndex="9" GridPane.valignment="CENTER">
                  <GridPane.margin>
                     <Insets left="5.0" right="5.0" />
                  </GridPane.margin>
               </Separator>
               <Separator layoutX="15.0" layoutY="174.0" prefHeight="0.0" prefWidth="550.0" GridPane.columnSpan="16" GridPane.halignment="CENTER" GridPane.rowIndex="6" GridPane.valignment="CENTER">
                  <GridPane.margin>
                     <Insets left="5.0" right="5.0" />
                  </GridPane.margin>
               </Separator>
               <Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="50.0" prefWidth="530.0" text="MEPDG JPCP transverse cracking model calibration (consult AASHTO MEPDG Manual of Practice)" textAlignment="CENTER" wrapText="true" GridPane.halignment="LEFT" GridPane.rowIndex="7" GridPane.valignment="CENTER">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <GridPane.margin>
                     <Insets left="10.0" right="10.0" />
                  </GridPane.margin>
               </Label>
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="175.0" text="Flexural strength, psi" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="3" GridPane.valignment="CENTER">
```

```
                  <font>
                     <Font size="16.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <ChoiceBox fx:id="reliabilityMethod" disable="true" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="260.0" GridPane.columnIndex="9" GridPane.columnSpan="7" GridPane.halignment="LEFT" GridPane.rowIndex="11" GridPane.rowSpan="2" GridPane.valignment="CENTER">
                  <GridPane.margin>
                     <Insets bottom="20.0" left="15.0" />
                  </GridPane.margin></ChoiceBox>
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="170.0" text="Coefficient 1 (C1)" textAlignment="RIGHT" GridPane.columnIndex="5" GridPane.halignment="RIGHT" GridPane.rowIndex="8" GridPane.valignment="CENTER">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <Label alignment="CENTER_RIGHT" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="160.0" text="Coefficient 2 (C2)" textAlignment="RIGHT" wrapText="true" GridPane.columnIndex="13" GridPane.halignment="RIGHT" GridPane.rowIndex="8" GridPane.valignment="CENTER">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <opaqueInsets>
                     <Insets right="2.0" />
                  </opaqueInsets>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <Label alignment="CENTER_RIGHT" layoutX="15.0" layoutY="92.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="238.0" text="Allowable cracked slabs, %" textAlignment="RIGHT" GridPane.columnIndex="6" GridPane.halignment="RIGHT" GridPane.rowIndex="12" GridPane.valignment="CENTER">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
               <Label alignment="CENTER_RIGHT" layoutX="25.0" layoutY="142.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="159.0" text="Reliability Level, %" textAlignment="RIGHT" GridPane.columnIndex="6" GridPane.halignment="RIGHT" GridPane.rowIndex="11" GridPane.valignment="CENTER">
                  <font>
                     <Font size="16.0" />
                  </font>
                  <padding>
                     <Insets right="5.0" />
                  </padding>
               </Label>
```

```
<Label alignment="CENTER_RIGHT" layoutX="25.0" layoutY="142.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="182.0" text="PCC Thickness COV, %" textAlignment="RIGHT" GridPane.columnIndex="13" GridPane.halignment="RIGHT" GridPane.rowIndex="5" GridPane.valignment="CENTER">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets right="5.0" />
   </padding>
</Label>
<Label alignment="CENTER_RIGHT" layoutX="25.0" layoutY="222.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="190.0" text="Flexural Strength COV, %" textAlignment="RIGHT" GridPane.columnIndex="13" GridPane.halignment="RIGHT" GridPane.rowIndex="3" GridPane.valignment="CENTER">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets right="5.0" />
   </padding>
</Label>
<TextField fx:id="flexuralStrength" editable="false" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="80.0" promptText="650.0" text="650.0" GridPane.columnIndex="6" GridPane.rowIndex="3">
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
   <font>
      <Font size="16.0" />
   </font>
</TextField>
<TextField fx:id="reliabilityLevel" editable="false" layoutX="485.0" layoutY="92.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="55.0" promptText="90" text="90" GridPane.columnIndex="7" GridPane.rowIndex="11">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
</TextField>
<TextField fx:id="crackedSlabs" editable="false" layoutX="485.0" layoutY="172.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="55.0" promptText="15" text="15" GridPane.columnIndex="7" GridPane.rowIndex="12">
   <font>
      <Font size="16.0" />
   </font>
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
</TextField>
<TextField fx:id="thicknessCOV" editable="false" layoutX="245.0" layoutY="172.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" promptText="3.0" text="3.0" GridPane.columnIndex="14" GridPane.rowIndex="5">
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
   <font>
      <Font size="16.0" />
   </font>
</TextField>
<TextField fx:id="flexuralCOV" editable="false" layoutX="205.0" layoutY="272.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" promptText="8.6" text="8.6" GridPane.columnIndex="14" GridPane.rowIndex="3">
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
   <font>
      <Font size="16.0" />
   </font>
</TextField>
<TextField fx:id="crackingCoeff2" editable="false" layoutX="485.0" layoutY="272.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="75.0" promptText="-2.64" text="-2.64" GridPane.columnIndex="14" GridPane.rowIndex="8">
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
   <font>
      <Font size="16.0" />
   </font>
</TextField>
<TextField fx:id="crackingCoeff1" editable="false" layoutX="485.0" layoutY="272.0" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="80.0" promptText="0.90" text="0.90" GridPane.columnIndex="6" GridPane.rowIndex="8">
   <padding>
      <Insets bottom="2.0" left="5.0" top="2.0" />
   </padding>
   <font>
      <Font size="16.0" />
   </font>
</TextField>
<Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="22.0" prefWidth="554.0" text="Return to Main tab to calculate thickness after changing default values" textFill="#2c50d3" GridPane.rowIndex="14">
   <font>
      <Font name="System Italic" size="16.0" />
   </font>
</Label>
<TextField fx:id="passwordField" alignment="CENTER" minHeight="-Infinity" minWidth="-Infinity" prefHeight="36.0" prefWidth="180.0" promptText="Enter Password to Use Inputs" GridPane.columnIndex="9" GridPane.columnSpan="5" GridPane.halignment="CENTER" GridPane.rowIndex="1" GridPane.valignment="CENTER">
   <font>
      <Font size="12.0" />
   </font>
   <GridPane.margin>
      <Insets left="4.0" right="4.0" />
   </GridPane.margin>
</TextField>
<Label alignment="TOP_CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="20.0" prefWidth="260.0" text="Reliability Method" textAlignment="CENTER" GridPane.columnIndex="9" GridPane.halignment="LEFT" GridPane.rowIndex="12" GridPane.valignment="CENTER">
   <font>
      <Font size="16.0" />
   </font>
   <GridPane.margin>
      <Insets left="15.0" />
   </GridPane.margin>
```

```
</Label>
<Button fx:id="defaultsChange" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#changeDefaults" prefHeight="36.0" prefWidth="75.0" text="LOCKED" GridPane.columnIndex="14" GridPane.rowIndex="1">
   <font>
      <Font size="12.0" />
   </font>
   <GridPane.margin>
      <Insets />
   </GridPane.margin>
</Button>
<Button fx:id="defaultsRestore" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#restoreDefaults" prefHeight="20.0" prefWidth="115.0" text="Restore Defaults" GridPane.columnIndex="13">
   <font>
      <Font size="10.0" />
   </font>
</Button>
<Label alignment="CENTER" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="30.0" prefWidth="365.0" text="(For MnDOT OMRR internal use only)" wrapText="true" GridPane.columnIndex="1">
   <font>
      <Font name="System Bold" size="14.0" />
   </font>
</Label>
<RadioButton fx:id="tg1Modify" disable="true" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#radioPerf" prefHeight="30.0" prefWidth="150.0" text="Modified Criteria" GridPane.columnIndex="8" GridPane.rowIndex="10">
   <font>
      <Font size="14.0" />
   </font>
   <GridPane.margin>
      <Insets />
   </GridPane.margin>
   <padding>
      <Insets left="10.0" />
   </padding>
   <toggleGroup>
      <ToggleGroup fx:id="tg1" />
   </toggleGroup>
</RadioButton>
<RadioButton fx:id="tg1Default" disable="true" maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" mnemonicParsing="false" onAction="#radioPerf" prefHeight="30.0" prefWidth="155.0" selected="true" text="Default Criteria" toggleGroup="$tg1" GridPane.columnIndex="12" GridPane.rowIndex="10">
   <font>
      <Font size="14.0" />
   </font>
   <padding>
      <Insets left="10.0" />
   </padding>
</RadioButton>
<Label maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth="-Infinity" prefHeight="30.0" prefWidth="205.0" text="Design Performance Criteria" GridPane.columnSpan="6" GridPane.halignment="LEFT" GridPane.rowIndex="10" GridPane.valignment="CENTER">
   <GridPane.margin>
      <Insets left="10.0" />
   </GridPane.margin>
   <font>
      <Font size="16.0" />
```

```
                    </font>
                 </Label>
              </children>
           </GridPane>
        </children>
     </AnchorPane>

```

A-49

```
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.scene.image.Image?>
<?import javafx.scene.image.ImageView?>
<?import javafx.scene.layout.AnchorPane?>

<AnchorPane maxHeight="-Infinity" maxWidth="-Infinity" minHeight="-Infinity" minWidth=
"-Infinity" prefHeight="525.0" prefWidth="560.0" xmlns="http://javafx.com/javafx/8.0.65"
 xmlns:fx="http://javafx.com/fxml/1" fx:controller="controller.tab.DesignController">
   <children>
      <ImageView fitHeight="460.0" fitWidth="540.0" layoutX="10.0" layoutY="29.0">
         <image>
            <Image url="@Capture.PNG" />
         </image>
      </ImageView>
   </children>
</AnchorPane>

```

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport xmlns="http://jasperreports.sourceforge.net/jasperreports" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports http://jasperreports.sourceforge.net/xsd/jasperreport.xsd" name="report1" language="groovy" pageWidth="612" pageHeight="792" columnWidth="540" leftMargin="36" rightMargin="36" topMargin="36" bottomMargin="36" uuid="614f9872-e48d-4ee8-be29-1c4b8e12ff4c">
    <property name="ireport.zoom" value="1.6105100000000057"/>
    <property name="ireport.x" value="0"/>
    <property name="ireport.y" value="131"/>
    <parameter name="projectname" class="java.lang.String"/>
    <parameter name="designthickness" class="java.lang.String"/>
    <parameter name="designlife" class="java.lang.String"/>
    <parameter name="trafficvolume" class="java.lang.String"/>
    <parameter name="lanewidth" class="java.lang.String"/>
    <parameter name="shouldertype" class="java.lang.String"/>
    <parameter name="climate" class="java.lang.String"/>
    <parameter name="trafficgrowth" class="java.lang.String"/>
    <parameter name="jointspacing" class="java.lang.String"/>
    <parameter name="pdfOutputNotice" class="java.lang.String"/>
    <parameter name="designlanetrucks" class="java.lang.String"/>
    <parameter name="reliabilitymethod" class="java.lang.String"/>
    <parameter name="reliabilitylevel" class="java.lang.String"/>
    <parameter name="covpccthickness" class="java.lang.String"/>
    <parameter name="covflexuralstrength" class="java.lang.String"/>
    <parameter name="crackedslabs" class="java.lang.String"/>
    <parameter name="coeff1" class="java.lang.String"/>
    <parameter name="coeff2" class="java.lang.String"/>
    <parameter name="notes1" class="java.lang.String"/>
    <parameter name="notes2" class="java.lang.String"/>
    <parameter name="loadspectra" class="java.lang.String"/>
    <parameter name="totaltrucks" class="java.lang.String"/>
    <parameter name="flexuralstrength" class="java.lang.String"/>
    <parameter name="mndotlogopath" class="java.lang.String"/>
    <parameter name="basetype" class="java.lang.String"/>
    <parameter name="basethickness" class="java.lang.String"/>
    <background>
        <band splitType="Stretch"/>
    </background>
    <detail>
        <band height="168" splitType="Stretch">
            <image>
                <reportElement x="413" y="4" width="120" height="120" uuid="b5094726-3b9f-4aed-8652-e662e3198a7b"/>
                <imageExpression><![CDATA[$P{mndotlogopath}]]></imageExpression>
            </image>
            <staticText>
                <reportElement positionType="FixRelativeToBottom" x="0" y="93" width="75" height="26" uuid="ded1886e-78c5-4ed8-a445-2ca99fdbfaa1"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="20" isBold="true"/>
                </textElement>
                <text><![CDATA[Project:]]></text>
            </staticText>
            <staticText>
                <reportElement positionType="FixRelativeToBottom" x="0" y="127" width="210" height="24" uuid="9895c53d-0c2a-4bda-82ac-6ac33ae3ce8d"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="20" isBold="true"/>
                </textElement>
                <text><![CDATA[Calculated thickness:]]></text>
            </staticText>
            <textField isBlankWhenNull="false">
                <reportElement positionType="FixRelativeToBottom" x="77" y="93" width="332" height="26" uuid="24163a85-bfe9-4dfd-8cb8-76036df7dc0c"/>
                <textElement verticalAlignment="Bottom">
```

```
                    <font fontName="Courier New" size="20" isBold="true"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{projectname}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement positionType="FixRelativeToBottom" x="213" y="127" width="301" height="24" forecolor="#00CC33" uuid="b0c63aad-e0a3-4324-a3de-991b848d549d"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="20" isBold="true"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{designthickness}]]></textFieldExpression>
            </textField>
            <staticText>
                <reportElement x="0" y="40" width="188" height="30" uuid="2fd75374-61d3-413a-98f6-5631660e2b43"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="20" isBold="true" isItalic="true"/>
                </textElement>
                <text><![CDATA[Design Summary]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="0" width="353" height="59" uuid="92cb2e1d-b8a1-416e-9991-c65fc6f6a23f"/>
                <textElement verticalAlignment="Middle">
                    <font fontName="Arial" size="42" isBold="true"/>
                </textElement>
                <text><![CDATA[MnPave-Rigid 2.0]]></text>
            </staticText>
            <textField pattern="yyyy/MM/dd HH.mm.ss">
                <reportElement x="270" y="58" width="117" height="12" uuid="88c4d700-2127-4039-9aa9-6e3c4f7533ae"/>
                <textElement textAlignment="Left" verticalAlignment="Bottom">
                    <font fontName="Arial" isItalic="false"/>
                </textElement>
                <textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
            </textField>
            <staticText>
                <reportElement x="193" y="58" width="74" height="12" uuid="36ed051a-72c9-412c-951e-2194e6244d72"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" isItalic="false"/>
                </textElement>
                <text><![CDATA[Report created]]></text>
            </staticText>
        </band>
        <band height="197">
            <staticText>
                <reportElement x="330" y="71" width="150" height="24" uuid="e0f8467f-5b93-4d19-af14-b0e0d9d7dd60"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Linear traffic growth:]]></text>
            </staticText>
            <staticText>
                <reportElement x="365" y="155" width="105" height="24" uuid="e0f8467f-6b93-4d19-af14-b0e0d9d7dd60"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Widened lane?]]></text>
            </staticText>
            <staticText>
```

```
                <reportElement x="285" y="99" width="116" height="24" uuid="e0f8468f-5b93-4d19-af14-b0e0d9d7dd60"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Joint Spacing:]]></text>
            </staticText>
            <staticText>
                <reportElement x="302" y="43" width="178" height="24" uuid="4063989f-9ce6-47ba-8942-650c1c34affc"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Climate (MnDOT district):]]></text>
            </staticText>
            <staticText>
                <reportElement x="305" y="127" width="116" height="24" uuid="e4b2bc30-6b19-4553-b24b-f9c291d2998b"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Base thickness:]]></text>
            </staticText>
            <line>
                <reportElement x="5" y="188" width="530" height="1" uuid="9b77743e-089e-4551-a887-3a58a3431e5b"/>
            </line>
            <staticText>
                <reportElement x="207" y="15" width="120" height="23" uuid="c13c6eea-ee4b-43a9-8670-f7bbfbd548ee"/>
                <textElement textAlignment="Center" verticalAlignment="Middle">
                    <font fontName="Arial" size="20" isBold="true"/>
                </textElement>
                <text><![CDATA[Main Inputs]]></text>
            </staticText>
            <textField>
                <reportElement positionType="FixRelativeToBottom" x="81" y="43" width="152" height="24" uuid="a2ee6e56-1e62-464c-a48e-d1c952f16192"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{designlife}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="482" y="43" width="69" height="24" uuid="b07b590d-7e77-4c4d-8754-27da3ab26b4a"/>
                <textElement verticalAlignment="Bottom" textAlignment="Left">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{climate}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="475" y="155" width="40" height="24" uuid="b07b590d-8e77-4c4d-8754-27da3ab26b4a"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{lanewidth}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="482" y="71" width="69" height="24" uuid="c6f65a94-5106-4c36-8e40-46b664c18bd0"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{trafficgrowth}]]></textFieldExpression>
```

```xml
            </textField>
            <textField>
                <reportElement x="188" y="71" width="103" height="24" uuid="3214d75b-efc0-4471-aa48-f26b2bc254a1"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{trafficvolume}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="129" y="99" width="378" height="24" uuid="13d60c54-830c-4e15-96de-17271a744733"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{loadspectra}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement positionType="FixRelativeToBottom" x="103" y="127" width="179" height="24" uuid="83eb8588-5ebe-42d2-8d39-c63253f2bb31"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{basetype}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="424" y="127" width="125" height="24" uuid="e0f8468f-5b93-4d19-af14-b0e0d9d7dd7"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{basethickness}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="404" y="99" width="125" height="24" uuid="79782e2d-4eb0-4f0d-9d35-40608e44fc53"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{jointspacing}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="104" y="155" width="403" height="24" uuid="b2b1c7a4-6847-4fd0-8409-8c8c253fab34"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{shouldertype}]]></textFieldExpression>
            </textField>
            <staticText>
                <reportElement positionType="FixRelativeToBottom" x="0" y="43" width="79" height="24" uuid="2691e119-3f8d-4fd3-aecc-003548e35215"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Design life:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="71" width="186" height="24" uuid="c36f36e4-6bda-4dc3-b708-d2c247b3fe64"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Initial 2-way traffic volume:]]></text>
            </staticText>
            <staticText>
```

```
                <reportElement x="0" y="99" width="125" height="24" uuid="b74c0912-3d37-425d-bf38-eede44d99c06"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Axle load spectra:]]></text>
            </staticText>
            <staticText>
                <reportElement positionType="FixRelativeToBottom" x="0" y="127" width="100" height="24" uuid="9b4772e7-c4fd-4197-92ad-eb31fa94af30"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Base material:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="155" width="100" height="24" uuid="c0eabc6d-48f0-4047-8ae1-9fad935a2447"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Shoulder type:]]></text>
            </staticText>
        </band>
        <band height="220">
            <line>
                <reportElement x="5" y="206" width="530" height="1" uuid="a56834a9-fa66-48cd-bce2-50a01febb419"/>
            </line>
            <staticText>
                <reportElement x="210" y="42" width="202" height="24" uuid="3467366f-046b-43de-af52-bf197b8b9c72"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Total trucks over service life:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="145" width="148" height="24" uuid="f4d758fe-fff8-46e4-bf6d-fffcdce1a85d"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[COV, PCC thickness:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="42" width="174" height="24" uuid="b9b3ba17-2ca9-44aa-b3ca-de1e9859bae1"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Number of lanes (2-way):]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="119" width="123" height="24" uuid="3c8c8bd9-8c70-4fdc-a298-972fb5892bed"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Flexural strength:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="94" width="135" height="24" uuid="408c053d-37a4-4447-b965-6f78b439e23c"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Reliability analysis:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="171" width="149" height="24" uuid="b29847d1-5d96-4491-937b-ccb12e2810bd"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[MEPDG Coefficient 1:]]></text>
            </staticText>
            <staticText>
                <reportElement x="287" y="145" width="162" height="24" uuid="9e2ebd8b-0c0a-4042-9555-f725bc17d23f"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[COV, Flexural strength:]]></text>
            </staticText>
            <staticText>
                <reportElement x="0" y="68" width="174" height="24" uuid="a58d3ee2-38ac-473f-a933-bae60352b1f0"/>
                <textElement textAlignment="Left" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Allowable cracked slabs:]]></text>
            </staticText>
            <staticText>
                <reportElement x="337" y="68" width="112" height="24" uuid="290087de-1b4c-4cf8-a852-98c8af2111ae"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[Reliability level:]]></text>
            </staticText>
            <staticText>
                <reportElement x="300" y="171" width="149" height="24" uuid="6edfb86a-daac-40b0-9a24-3f69f279ffeb"/>
                <textElement textAlignment="Right" verticalAlignment="Bottom">
                    <font fontName="Arial" size="14" isBold="true"/>
                </textElement>
                <text><![CDATA[MEPDG Coefficient 2:]]></text>
            </staticText>
            <textField>
                <reportElement x="0" y="15" width="540" height="23" uuid="4a66a3d5-defd-45b2-aa30-53715aab875d"/>
                <textElement textAlignment="Center" verticalAlignment="Middle">
                    <font fontName="Arial" size="20" isBold="true"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{pdfOutputNotice}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="176" y="42" width="84" height="24" uuid="241bec82-2e34-43cc-821a-d3095111042f"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{designlanetrucks}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="176" y="68" width="99" height="24" uuid="261d3091-3c59-40aa-b9c6-db12eb01a26a"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
```

```
        </textElement>
        <textFieldExpression><![CDATA[$P{crackedslabs}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="412" y="42" width="117" height="24" uuid="2d345060-fc9a-42a6-8f68-10931d15547d"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{totaltrucks}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="135" y="94" width="378" height="24" uuid="939376a0-4d9a-4547-af6e-c5a322aa6ea5"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{reliabilitymethod}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="123" y="119" width="125" height="24" uuid="ba0554db-3d8a-46c3-a83d-fb5163d62a24"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{flexuralstrength}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="452" y="68" width="101" height="24" uuid="3dc7ed8f-435f-41aa-896b-645cb18008cf"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{reliabilitylevel}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="452" y="171" width="100" height="24" uuid="6b048301-7053-4b32-9830-80c6fc98d83f"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{coeff2}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="151" y="171" width="100" height="24" uuid="1b09ab00-a5af-44f2-af5c-261e7e95885a"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{coeff1}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="149" y="145" width="100" height="24" uuid="8a82f104-1478-498c-aaae-c4ffc47c7ba7"/>
        <textElement verticalAlignment="Bottom">
            <font fontName="Courier New" size="14"/>
        </textElement>
        <textFieldExpression><![CDATA[$P{covpccthickness}]]></textFieldExpression>
    </textField>
    <textField>
        <reportElement x="452" y="145" width="100" height="24" uuid="46857969-c6b0-43b4-9cf8-4a43e0923e58"/>
```

```xml
                <textElement verticalAlignment="Bottom">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{covflexuralstrength}]]></textFieldExpression>
            </textField>
        </band>
        <band height="82">
            <staticText>
                <reportElement x="188" y="6" width="146" height="23" uuid="ba0cf062-5bbb-4129-a3b7-dfc772ed2edd"/>
                <textElement textAlignment="Center" verticalAlignment="Middle">
                    <font fontName="Arial" size="20" isBold="true"/>
                </textElement>
                <text><![CDATA[Project Notes]]></text>
            </staticText>
            <textField>
                <reportElement x="0" y="54" width="540" height="20" uuid="2c4aa1cf-5f6e-488e-a4f3-5d4378f20623"/>
                <textElement verticalAlignment="Middle">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{notes2}]]></textFieldExpression>
            </textField>
            <textField>
                <reportElement x="0" y="34" width="540" height="20" uuid="69b86772-55ef-4abb-b538-74edd37a7ab0"/>
                <textElement verticalAlignment="Middle">
                    <font fontName="Courier New" size="14"/>
                </textElement>
                <textFieldExpression><![CDATA[$P{notes1}]]></textFieldExpression>
            </textField>
        </band>
        <band height="46">
            <staticText>
                <reportElement x="0" y="0" width="540" height="44" uuid="e9f754e8-a104-42fc-a62b-1e01b6169433"/>
                <textElement verticalAlignment="Bottom">
                    <font fontName="Microsoft Sans Serif" size="7" isItalic="false"/>
                </textElement>
                <text><![CDATA[DISCLAIMER: Neither the State of Minnesota, the Minnesota Department of Transportation nor their employees make any representations or warranties, express or implied, with respect to the use of or reliance on the data provided herewith, regardless of its format or means of transmission. There are no guarantees or representations to the user as to the accuracy, currency, completeness, suitability or reliability of this data for any purpose. THE USER ACCEPTS THE DATA 'AS IS' AND ASSUMES ALL RISKS ASSOCIATED WITH ITS USE. The Minnesota Department of Transportation assumes no responsibility for actual, consequential, incidental, special or exemplary damages resulting from, caused by or associated with any user's reliance on or use of this data, even if appraised of the likelihood of such damages occurring.]]></text>
            </staticText>
        </band>
    </detail>
</jasperReport>
```

APPENDIX B. REVISED AASHTO M-E DATABASE

```
FILENAME,CLIM,BASE,HBAS,HSUB,HPCC,OTLN,FLEX,JTSP,EDGE,AXLE,BOT,TOP
C1B1H1S1P1L1M1J1E1A1,HIB,CL5S,4,12,6,12,340,12,10,MEPDG,168.22870000000000,2.38751200000000
C1B1H1S1P1L1M1J1E1A2,HIB,CL5S,4,12,6,12,340,12,10,MNAVG,142.94770000000000,0.33092050000000
C1B1H1S1P1L1M1J1E1A3,HIB,CL5S,4,12,6,12,340,12,10,MNHVY,253.73850000000000,3.68151600000000
C1B1H1S1P1L1M1J1E2A1,HIB,CL5S,4,12,6,12,340,12,40,MEPDG,105.26070000000000,1.40362600000000
C1B1H1S1P1L1M1J1E2A2,HIB,CL5S,4,12,6,12,340,12,40,MNAVG,84.1588000000000,0.1880622000000
C1B1H1S1P1L1M1J1E2A3,HIB,CL5S,4,12,6,12,340,12,40,MNHVY,153.95450000000000,2.11807300000000
C1B1H1S1P1L1M1J2E1A1,HIB,CL5S,4,12,6,12,340,15,10,MEPDG,200.77940000000000,2.43860700000000
C1B1H1S1P1L1M1J2E1A2,HIB,CL5S,4,12,6,12,340,15,10,MNAVG,175.14750000000000,0.46271090000000
C1B1H1S1P1L1M1J2E1A3,HIB,CL5S,4,12,6,12,340,15,10,MNHVY,314.54210000000000,4.45159100000000
C1B1H1S1P1L1M1J2E2A1,HIB,CL5S,4,12,6,12,340,15,40,MEPDG,128.47180000000000,1.45882600000000
C1B1H1S1P1L1M1J2E2A2,HIB,CL5S,4,12,6,12,340,15,40,MNAVG,106.24090000000000,0.27704920000000
C1B1H1S1P1L1M1J2E2A3,HIB,CL5S,4,12,6,12,340,15,40,MNHVY,196.69580000000000,2.66772700000000
C1B1H1S1P1L1M2J1E1A1,HIB,CL5S,4,12,6,12,590,12,10,MEPDG,14.1270600000000,0.2523056000000
C1B1H1S1P1L1M2J1E1A2,HIB,CL5S,4,12,6,12,590,12,10,MNAVG,9.78963100000000,0.03347416000000
C1B1H1S1P1L1M2J1E1A3,HIB,CL5S,4,12,6,12,590,12,10,MNHVY,16.5012000000000,0.3684455000000
C1B1H1S1P1L1M2J1E2A1,HIB,CL5S,4,12,6,12,590,12,40,MEPDG,7.67032600000000,0.13303720000000
C1B1H1S1P1L1M2J1E2A2,HIB,CL5S,4,12,6,12,590,12,40,MNAVG,5.10062100000000,0.01594107000000
C1B1H1S1P1L1M2J1E2A3,HIB,CL5S,4,12,6,12,590,12,40,MNHVY,8.58975500000000,0.18152470000000
C1B1H1S1P1L1M2J2E1A1,HIB,CL5S,4,12,6,12,590,15,10,MEPDG,24.4856600000000,0.5579774000000
C1B1H1S1P1L1M2J2E1A2,HIB,CL5S,4,12,6,12,590,15,10,MNAVG,19.1668800000000,0.1057737000000
C1B1H1S1P1L1M2J2E1A3,HIB,CL5S,4,12,6,12,590,15,10,MNHVY,34.2754500000000,1.0101620000000
C1B1H1S1P1L1M2J2E2A1,HIB,CL5S,4,12,6,12,590,15,40,MEPDG,14.2793000000000,0.2934477000000
C1B1H1S1P1L1M2J2E2A2,HIB,CL5S,4,12,6,12,590,15,40,MNAVG,10.9605500000000,0.0535245600000
C1B1H1S1P1L1M2J2E2A3,HIB,CL5S,4,12,6,12,590,15,40,MNHVY,19.7201800000000,0.5243333000000
C1B1H1S1P1L1M3J1E1A1,HIB,CL5S,4,12,6,12,840,12,10,MEPDG,1.75001700000000,0.03077191000000
C1B1H1S1P1L1M3J1E1A2,HIB,CL5S,4,12,6,12,840,12,10,MNAVG,0.93274310000000,0.00333688900000
C1B1H1S1P1L1M3J1E1A3,HIB,CL5S,4,12,6,12,840,12,10,MNHVY,1.52343400000000,0.03966570000000
C1B1H1S1P1L1M3J1E2A1,HIB,CL5S,4,12,6,12,840,12,40,MEPDG,0.83007430000000,0.01518504000000
C1B1H1S1P1L1M3J1E2A2,HIB,CL5S,4,12,6,12,840,12,40,MNAVG,0.43296680000000,0.00140598500000
C1B1H1S1P1L1M3J1E2A3,HIB,CL5S,4,12,6,12,840,12,40,MNHVY,0.68728400000000,0.01726428000000
C1B1H1S1P1L1M3J2E1A1,HIB,CL5S,4,12,6,12,840,15,10,MEPDG,4.44041200000000,0.11537950000000
C1B1H1S1P1L1M3J2E1A2,HIB,CL5S,4,12,6,12,840,15,10,MNAVG,3.00013800000000,0.02007530000000
C1B1H1S1P1L1M3J2E1A3,HIB,CL5S,4,12,6,12,840,15,10,MNHVY,5.65155100000000,0.20285340000000
C1B1H1S1P1L1M3J2E2A1,HIB,CL5S,4,12,6,12,840,15,40,MEPDG,2.31397600000000,0.05337503000000
C1B1H1S1P1L1M3J2E2A2,HIB,CL5S,4,12,6,12,840,15,40,MNAVG,1.56991500000000,0.00860176600000
C1B1H1S1P1L1M3J2E2A3,HIB,CL5S,4,12,6,12,840,15,40,MNHVY,2.89799800000000,0.09029754000000
C1B1H1S1P1L2M1J1E1A1,HIB,CL5S,4,12,6,13,340,12,10,MEPDG,27.1669300000000,0.5476829000000
C1B1H1S1P1L2M1J1E1A2,HIB,CL5S,4,12,6,13,340,12,10,MNAVG,20.8926200000000,0.0783836800000
C1B1H1S1P1L2M1J1E1A3,HIB,CL5S,4,12,6,13,340,12,10,MNHVY,38.6560900000000,0.8472759000000
C1B1H1S1P1L2M1J1E2A1,HIB,CL5S,4,12,6,13,340,12,40,MEPDG,27.1669300000000,0.5476829000000
C1B1H1S1P1L2M1J1E2A2,HIB,CL5S,4,12,6,13,340,12,40,MNAVG,20.8926200000000,0.0783836800000
C1B1H1S1P1L2M1J1E2A3,HIB,CL5S,4,12,6,13,340,12,40,MNHVY,38.6560900000000,0.8472759000000
C1B1H1S1P1L2M1J2E1A1,HIB,CL5S,4,12,6,13,340,15,10,MEPDG,33.9742700000000,0.6837746000000
C1B1H1S1P1L2M1J2E1A2,HIB,CL5S,4,12,6,13,340,15,10,MNAVG,27.2554600000000,0.1375065000000
C1B1H1S1P1L2M1J2E1A3,HIB,CL5S,4,12,6,13,340,15,10,MNHVY,50.9141200000000,1.2641560000000
C1B1H1S1P1L2M1J2E2A1,HIB,CL5S,4,12,6,13,340,15,40,MEPDG,33.9742700000000,0.6837746000000
C1B1H1S1P1L2M1J2E2A2,HIB,CL5S,4,12,6,13,340,15,40,MNAVG,27.2554600000000,0.1375065000000
C1B1H1S1P1L2M1J2E2A3,HIB,CL5S,4,12,6,13,340,15,40,MNHVY,50.9141200000000,1.2641560000000
C1B1H1S1P1L2M2J1E1A1,HIB,CL5S,4,12,6,13,590,12,10,MEPDG,1.87306600000000,0.04953436000000
```

```
C1B1H1S1P1L2M2J1E1A2,HIB,CL5S,4,12,6,13,590,12,10,MNAVG,1.20472600000000,0.00618964100000
C1B1H1S1P1L2M2J1E1A3,HIB,CL5S,4,12,6,13,590,12,10,MNHVY,2.05114000000000,0.06936952000000
C1B1H1S1P1L2M2J1E2A1,HIB,CL5S,4,12,6,13,590,12,40,MEPDG,1.87306600000000,0.04953436000000
C1B1H1S1P1L2M2J1E2A2,HIB,CL5S,4,12,6,13,590,12,40,MNAVG,1.20472600000000,0.00618964100000
C1B1H1S1P1L2M2J1E2A3,HIB,CL5S,4,12,6,13,590,12,40,MNHVY,2.05114000000000,0.06936952000000
C1B1H1S1P1L2M2J2E1A1,HIB,CL5S,4,12,6,13,590,15,10,MEPDG,3.76981900000000,0.13396110000000
C1B1H1S1P1L2M2J2E1A2,HIB,CL5S,4,12,6,13,590,15,10,MNAVG,2.87414800000000,0.02560315000000
C1B1H1S1P1L2M2J2E1A3,HIB,CL5S,4,12,6,13,590,15,10,MNHVY,5.22082500000000,0.24333870000000
C1B1H1S1P1L2M2J2E2A1,HIB,CL5S,4,12,6,13,590,15,40,MEPDG,3.76981900000000,0.13396110000000
C1B1H1S1P1L2M2J2E2A2,HIB,CL5S,4,12,6,13,590,15,40,MNAVG,2.87414800000000,0.02560315000000
C1B1H1S1P1L2M2J2E2A3,HIB,CL5S,4,12,6,13,590,15,40,MNHVY,5.22082500000000,0.24333870000000
C1B1H1S1P1L2M3J1E1A1,HIB,CL5S,4,12,6,13,840,12,10,MEPDG,0.19038600000000,0.00523573400000
C1B1H1S1P1L2M3J1E1A2,HIB,CL5S,4,12,6,13,840,12,10,MNAVG,0.09636543000000,0.00048713390000
C1B1H1S1P1L2M3J1E1A3,HIB,CL5S,4,12,6,13,840,12,10,MNHVY,0.15398960000000,0.00598127300000
C1B1H1S1P1L2M3J1E2A1,HIB,CL5S,4,12,6,13,840,12,40,MEPDG,0.19038600000000,0.00523573400000
C1B1H1S1P1L2M3J1E2A2,HIB,CL5S,4,12,6,13,840,12,40,MNAVG,0.09636543000000,0.00048713390000
C1B1H1S1P1L2M3J1E2A3,HIB,CL5S,4,12,6,13,840,12,40,MNHVY,0.15398960000000,0.00598127300000
C1B1H1S1P1L2M3J2E1A1,HIB,CL5S,4,12,6,13,840,15,10,MEPDG,0.58988850000000,0.02231262000000
C1B1H1S1P1L2M3J2E1A2,HIB,CL5S,4,12,6,13,840,15,10,MNAVG,0.39980670000000,0.00369370400000
C1B1H1S1P1L2M3J2E1A3,HIB,CL5S,4,12,6,13,840,15,10,MNHVY,0.74764200000000,0.03832192000000
C1B1H1S1P1L2M3J2E2A1,HIB,CL5S,4,12,6,13,840,15,40,MEPDG,0.58988850000000,0.02231262000000
C1B1H1S1P1L2M3J2E2A2,HIB,CL5S,4,12,6,13,840,15,40,MNAVG,0.39980670000000,0.00369370400000
C1B1H1S1P1L2M3J2E2A3,HIB,CL5S,4,12,6,13,840,15,40,MNHVY,0.74764200000000,0.03832192000000
C1B1H1S1P2L1M1J1E1A1,HIB,CL5S,4,12,7,12,340,12,10,MEPDG,69.09705000000000,1.78314700000000
C1B1H1S1P2L1M1J1E1A2,HIB,CL5S,4,12,7,12,340,12,10,MNAVG,54.81181000000000,0.28189670000000
C1B1H1S1P2L1M1J1E1A3,HIB,CL5S,4,12,7,12,340,12,10,MNHVY,97.17043000000000,2.98063700000000
C1B1H1S1P2L1M1J1E2A1,HIB,CL5S,4,12,7,12,340,12,40,MEPDG,40.79148000000000,1.02839800000000
C1B1H1S1P2L1M1J1E2A2,HIB,CL5S,4,12,7,12,340,12,40,MNAVG,31.20688000000000,0.15416160000000
C1B1H1S1P2L1M1J1E2A3,HIB,CL5S,4,12,7,12,340,12,40,MNHVY,55.64398000000000,1.66381200000000
C1B1H1S1P2L1M1J2E1A1,HIB,CL5S,4,12,7,12,340,15,10,MEPDG,107.71670000000000,2.80995700000000
C1B1H1S1P2L1M1J2E1A2,HIB,CL5S,4,12,7,12,340,15,10,MNAVG,92.25448000000000,0.57069030000000
C1B1H1S1P2L1M1J2E1A3,HIB,CL5S,4,12,7,12,340,15,10,MNHVY,168.48570000000000,5.31574300000000
C1B1H1S1P2L1M1J2E2A1,HIB,CL5S,4,12,7,12,340,15,40,MEPDG,67.36250000000000,1.67575200000000
C1B1H1S1P2L1M1J2E2A2,HIB,CL5S,4,12,7,12,340,15,40,MNAVG,56.50348000000000,0.33730030000000
C1B1H1S1P2L1M1J2E2A3,HIB,CL5S,4,12,7,12,340,15,40,MNHVY,104.07790000000000,3.15723500000000
C1B1H1S1P2L1M2J1E1A1,HIB,CL5S,4,12,7,12,590,12,10,MEPDG,3.56303900000000,0.11944250000000
C1B1H1S1P2L1M2J1E1A2,HIB,CL5S,4,12,7,12,590,12,10,MNAVG,1.96764100000000,0.01669134000000
C1B1H1S1P2L1M2J1E1A3,HIB,CL5S,4,12,7,12,590,12,10,MNHVY,3.38932000000000,0.18725600000000
C1B1H1S1P2L1M2J1E2A1,HIB,CL5S,4,12,7,12,590,12,40,MEPDG,1.71708700000000,0.06198340000000
C1B1H1S1P2L1M2J1E2A2,HIB,CL5S,4,12,7,12,590,12,40,MNAVG,0.93738720000000,0.00787648600000
C1B1H1S1P2L1M2J1E2A3,HIB,CL5S,4,12,7,12,590,12,40,MNHVY,1.54834400000000,0.09035716000000
C1B1H1S1P2L1M2J2E1A1,HIB,CL5S,4,12,7,12,590,15,10,MEPDG,9.64108600000000,0.40427040000000
C1B1H1S1P2L1M2J2E1A2,HIB,CL5S,4,12,7,12,590,15,10,MNAVG,6.67937300000000,0.07959400000000
C1B1H1S1P2L1M2J2E1A3,HIB,CL5S,4,12,7,12,590,15,10,MNHVY,12.96086000000000,0.76166890000000
C1B1H1S1P2L1M2J2E2A1,HIB,CL5S,4,12,7,12,590,15,40,MEPDG,5.17387600000000,0.21000150000000
C1B1H1S1P2L1M2J2E2A2,HIB,CL5S,4,12,7,12,590,15,40,MNAVG,3.63502100000000,0.03984405000000
C1B1H1S1P2L1M2J2E2A3,HIB,CL5S,4,12,7,12,590,15,40,MNHVY,6.85991800000000,0.38869350000000
C1B1H1S1P2L1M3J1E1A1,HIB,CL5S,4,12,7,12,840,12,10,MEPDG,0.31081970000000,0.00920626100000
C1B1H1S1P2L1M3J1E1A2,HIB,CL5S,4,12,7,12,840,12,10,MNAVG,0.11985290000000,0.00101202600000
C1B1H1S1P2L1M3J1E1A3,HIB,CL5S,4,12,7,12,840,12,10,MNHVY,0.20068990000000,0.01239757000000
```

```
C1B1H1S1P2L1M3J1E2A1,HIB,CL5S,4,12,7,12,840,12,40,MEPDG,0.12528970000000,0.00452388900000
C1B1H1S1P2L1M3J1E2A2,HIB,CL5S,4,12,7,12,840,12,40,MNAVG,0.04920076000000,0.00042598900000
C1B1H1S1P2L1M3J1E2A3,HIB,CL5S,4,12,7,12,840,12,40,MNHVY,0.07591754000000,0.00538238800000
C1B1H1S1P2L1M3J2E1A1,HIB,CL5S,4,12,7,12,840,15,10,MEPDG,1.38494200000000,0.05319726000000
C1B1H1S1P2L1M3J2E1A2,HIB,CL5S,4,12,7,12,840,15,10,MNAVG,0.74884160000000,0.00921287800000
C1B1H1S1P2L1M3J2E1A3,HIB,CL5S,4,12,7,12,840,15,10,MNHVY,1.62247900000000,0.09662786000000
C1B1H1S1P2L1M3J2E2A1,HIB,CL5S,4,12,7,12,840,15,40,MEPDG,0.63828520000000,0.02470677000000
C1B1H1S1P2L1M3J2E2A2,HIB,CL5S,4,12,7,12,840,15,40,MNAVG,0.35862850000000,0.00400563500000
C1B1H1S1P2L1M3J2E2A3,HIB,CL5S,4,12,7,12,840,15,40,MNHVY,0.72851850000000,0.04302423000000
C1B1H1S1P2L2M1J1E1A1,HIB,CL5S,4,12,7,13,340,12,10,MEPDG,10.50736000000000,0.42756860000000
C1B1H1S1P2L2M1J1E1A2,HIB,CL5S,4,12,7,13,340,12,10,MNAVG,7.82063800000000,0.06777584000000
C1B1H1S1P2L2M1J1E1A3,HIB,CL5S,4,12,7,13,340,12,10,MNHVY,14.03606000000000,0.70953520000000
C1B1H1S1P2L2M1J1E2A1,HIB,CL5S,4,12,7,13,340,12,40,MEPDG,10.50736000000000,0.42756860000000
C1B1H1S1P2L2M1J1E2A2,HIB,CL5S,4,12,7,13,340,12,40,MNAVG,7.82063800000000,0.06777584000000
C1B1H1S1P2L2M1J1E2A3,HIB,CL5S,4,12,7,13,340,12,40,MNHVY,14.03606000000000,0.70953520000000
C1B1H1S1P2L2M1J2E1A1,HIB,CL5S,4,12,7,13,340,15,10,MEPDG,18.60664000000000,0.83578220000000
C1B1H1S1P2L2M1J2E1A2,HIB,CL5S,4,12,7,13,340,15,10,MNAVG,15.49035000000000,0.17664750000000
C1B1H1S1P2L2M1J2E1A3,HIB,CL5S,4,12,7,13,340,15,10,MNHVY,28.60081000000000,1.58903900000000
C1B1H1S1P2L2M1J2E2A1,HIB,CL5S,4,12,7,13,340,15,40,MEPDG,18.60664000000000,0.83578220000000
C1B1H1S1P2L2M1J2E2A2,HIB,CL5S,4,12,7,13,340,15,40,MNAVG,15.49035000000000,0.17664750000000
C1B1H1S1P2L2M1J2E2A3,HIB,CL5S,4,12,7,13,340,15,40,MNHVY,28.60081000000000,1.58903900000000
C1B1H1S1P2L2M2J1E1A1,HIB,CL5S,4,12,7,13,590,12,10,MEPDG,0.40226130000000,0.02393948000000
C1B1H1S1P2L2M2J1E1A2,HIB,CL5S,4,12,7,13,590,12,10,MNAVG,0.21400430000000,0.00315078600000
C1B1H1S1P2L2M2J1E1A3,HIB,CL5S,4,12,7,13,590,12,10,MNHVY,0.35444650000000,0.03569581000000
C1B1H1S1P2L2M2J1E2A1,HIB,CL5S,4,12,7,13,590,12,40,MEPDG,0.40226130000000,0.02393948000000
C1B1H1S1P2L2M2J1E2A2,HIB,CL5S,4,12,7,13,590,12,40,MNAVG,0.21400430000000,0.00315078600000
C1B1H1S1P2L2M2J1E2A3,HIB,CL5S,4,12,7,13,590,12,40,MNHVY,0.35444650000000,0.03569581000000
C1B1H1S1P2L2M2J2E1A1,HIB,CL5S,4,12,7,13,590,15,10,MEPDG,1.36243300000000,0.09817348000000
C1B1H1S1P2L2M2J2E1A2,HIB,CL5S,4,12,7,13,590,15,10,MNAVG,0.95997260000000,0.01918725000000
C1B1H1S1P2L2M2J2E1A3,HIB,CL5S,4,12,7,13,590,15,10,MNHVY,1.82166500000000,0.18414350000000
C1B1H1S1P2L2M2J2E2A1,HIB,CL5S,4,12,7,13,590,15,40,MEPDG,1.36243300000000,0.09817348000000
C1B1H1S1P2L2M2J2E2A2,HIB,CL5S,4,12,7,13,590,15,40,MNAVG,0.95997260000000,0.01918725000000
C1B1H1S1P2L2M2J2E2A3,HIB,CL5S,4,12,7,13,590,15,40,MNHVY,1.82166500000000,0.18414350000000
C1B1H1S1P2L2M3J1E1A1,HIB,CL5S,4,12,7,13,840,12,10,MEPDG,0.02706454000000,0.00160945900000
C1B1H1S1P2L2M3J1E1A2,HIB,CL5S,4,12,7,13,840,12,10,MNAVG,0.01044545000000,0.00015255000000
C1B1H1S1P2L2M3J1E1A3,HIB,CL5S,4,12,7,13,840,12,10,MNHVY,0.01602208000000,0.00192037700000
C1B1H1S1P2L2M3J1E2A1,HIB,CL5S,4,12,7,13,840,12,40,MEPDG,0.02706454000000,0.00160945900000
C1B1H1S1P2L2M3J1E2A2,HIB,CL5S,4,12,7,13,840,12,40,MNAVG,0.01044545000000,0.00015255000000
C1B1H1S1P2L2M3J1E2A3,HIB,CL5S,4,12,7,13,840,12,40,MNHVY,0.01602208000000,0.00192037700000
C1B1H1S1P2L2M3J2E1A1,HIB,CL5S,4,12,7,13,840,15,10,MEPDG,0.15783750000000,0.01057372000000
C1B1H1S1P2L2M3J2E1A2,HIB,CL5S,4,12,7,13,840,15,10,MNAVG,0.08882084000000,0.00173689300000
C1B1H1S1P2L2M3J2E1A3,HIB,CL5S,4,12,7,13,840,15,10,MNHVY,0.18183360000000,0.01859988000000
C1B1H1S1P2L2M3J2E2A1,HIB,CL5S,4,12,7,13,840,15,40,MEPDG,0.15783750000000,0.01057372000000
C1B1H1S1P2L2M3J2E2A2,HIB,CL5S,4,12,7,13,840,15,40,MNAVG,0.08882084000000,0.00173689300000
C1B1H1S1P2L2M3J2E2A3,HIB,CL5S,4,12,7,13,840,15,40,MNHVY,0.18183360000000,0.01859988000000
C1B1H1S1P3L1M1J1E1A1,HIB,CL5S,4,12,8,12,340,12,10,MEPDG,22.42931000000000,1.28156400000000
C1B1H1S1P3L1M1J1E1A2,HIB,CL5S,4,12,8,12,340,12,10,MNAVG,15.05501000000000,0.21515370000000
C1B1H1S1P3L1M1J1E1A3,HIB,CL5S,4,12,8,12,340,12,10,MNHVY,26.78492000000000,2.27647500000000
C1B1H1S1P3L1M1J1E2A1,HIB,CL5S,4,12,8,12,340,12,40,MEPDG,12.06237000000000,0.72815810000000
C1B1H1S1P3L1M1J1E2A2,HIB,CL5S,4,12,8,12,340,12,40,MNAVG,7.96483700000000,0.11648760000000
```

```
C1B1H1S1P3L1M1J1E2A3,HIB,CL5S,4,12,8,12,340,12,40,MNHVY,13.80265000000000,1.24813800000000
C1B1H1S1P3L1M1J2E1A1,HIB,CL5S,4,12,8,12,340,15,10,MEPDG,47.39225000000000,2.74560700000000
C1B1H1S1P3L1M1J2E1A2,HIB,CL5S,4,12,8,12,340,15,10,MNAVG,36.81257000000000,0.57875900000000
C1B1H1S1P3L1M1J2E1A3,HIB,CL5S,4,12,8,12,340,15,10,MNHVY,69.88463000000000,5.35919900000000
C1B1H1S1P3L1M1J2E2A1,HIB,CL5S,4,12,8,12,340,15,40,MEPDG,27.85250000000000,1.61438200000000
C1B1H1S1P3L1M1J2E2A2,HIB,CL5S,4,12,8,12,340,15,40,MNAVG,21.72984000000000,0.33583480000000
C1B1H1S1P3L1M1J2E2A3,HIB,CL5S,4,12,8,12,340,15,40,MNHVY,40.58606000000000,3.12489900000000
C1B1H1S1P3L1M2J1E1A1,HIB,CL5S,4,12,8,12,590,12,10,MEPDG,0.71181080000000,0.05336361000000
C1B1H1S1P3L1M2J1E1A2,HIB,CL5S,4,12,8,12,590,12,10,MNAVG,0.28656200000000,0.00783479700000
C1B1H1S1P3L1M2J1E1A3,HIB,CL5S,4,12,8,12,590,12,10,MNHVY,0.48461530000000,0.08908098000000
C1B1H1S1P3L1M2J1E2A1,HIB,CL5S,4,12,8,12,590,12,40,MEPDG,0.29802860000000,0.02730636000000
C1B1H1S1P3L1M2J1E2A2,HIB,CL5S,4,12,8,12,590,12,40,MNAVG,0.12227400000000,0.00365737400000
C1B1H1S1P3L1M2J1E2A3,HIB,CL5S,4,12,8,12,590,12,40,MNHVY,0.18999360000000,0.04262191000000
C1B1H1S1P3L1M2J2E1A1,HIB,CL5S,4,12,8,12,590,15,10,MEPDG,3.02572800000000,0.24695630000000
C1B1H1S1P3L1M2J2E1A2,HIB,CL5S,4,12,8,12,590,15,10,MNAVG,1.68730100000000,0.04866721000000
C1B1H1S1P3L1M2J2E1A3,HIB,CL5S,4,12,8,12,590,15,10,MNHVY,3.59830300000000,0.48231310000000
C1B1H1S1P3L1M2J2E2A1,HIB,CL5S,4,12,8,12,590,15,40,MEPDG,1.44983500000000,0.12871520000000
C1B1H1S1P3L1M2J2E2A2,HIB,CL5S,4,12,8,12,590,15,40,MNAVG,0.84246550000000,0.02459812000000
C1B1H1S1P3L1M2J2E2A3,HIB,CL5S,4,12,8,12,590,15,40,MNHVY,1.68553200000000,0.24639160000000
C1B1H1S1P3L1M3J1E1A1,HIB,CL5S,4,12,8,12,840,12,10,MEPDG,0.04033662000000,0.00285165600000
C1B1H1S1P3L1M3J1E1A2,HIB,CL5S,4,12,8,12,840,12,10,MNAVG,0.01112745000000,0.00032830060000
C1B1H1S1P3L1M3J1E1A3,HIB,CL5S,4,12,8,12,840,12,10,MNHVY,0.01673882000000,0.00404593900000
C1B1H1S1P3L1M3J1E2A1,HIB,CL5S,4,12,8,12,840,12,40,MEPDG,0.01371824000000,0.00142367700000
C1B1H1S1P3L1M3J1E2A2,HIB,CL5S,4,12,8,12,840,12,40,MNAVG,0.00409543500000,0.00014182800000
C1B1H1S1P3L1M3J1E2A3,HIB,CL5S,4,12,8,12,840,12,40,MNHVY,0.00549494800000,0.00180565100000
C1B1H1S1P3L1M3J2E1A1,HIB,CL5S,4,12,8,12,840,15,10,MEPDG,0.29445200000000,0.02316218000000
C1B1H1S1P3L1M3J2E1A2,HIB,CL5S,4,12,8,12,840,15,10,MNAVG,0.11389850000000,0.00395953500000
C1B1H1S1P3L1M3J2E1A3,HIB,CL5S,4,12,8,12,840,15,10,MNHVY,0.27433590000000,0.04325658000000
C1B1H1S1P3L1M3J2E2A1,HIB,CL5S,4,12,8,12,840,15,40,MEPDG,0.11811590000000,0.01104037000000
C1B1H1S1P3L1M3J2E2A2,HIB,CL5S,4,12,8,12,840,15,40,MNAVG,0.04907528000000,0.00177301300000
C1B1H1S1P3L1M3J2E2A3,HIB,CL5S,4,12,8,12,840,15,40,MNHVY,0.10666920000000,0.01977389000000
C1B1H1S1P3L2M1J1E1A1,HIB,CL5S,4,12,8,13,340,12,10,MEPDG,2.99178200000000,0.31518390000000
C1B1H1S1P3L2M1J1E1A2,HIB,CL5S,4,12,8,13,340,12,10,MNAVG,1.92426200000000,0.05277722000000
C1B1H1S1P3L2M1J1E1A3,HIB,CL5S,4,12,8,13,340,12,10,MNHVY,3.33631800000000,0.55258010000000
C1B1H1S1P3L2M1J1E2A1,HIB,CL5S,4,12,8,13,340,12,40,MEPDG,2.99178200000000,0.31518390000000
C1B1H1S1P3L2M1J1E2A2,HIB,CL5S,4,12,8,13,340,12,40,MNAVG,1.92426200000000,0.05277722000000
C1B1H1S1P3L2M1J1E2A3,HIB,CL5S,4,12,8,13,340,12,40,MNHVY,3.33631800000000,0.55258010000000
C1B1H1S1P3L2M1J2E1A1,HIB,CL5S,4,12,8,13,340,15,10,MEPDG,7.64128400000000,0.83144110000000
C1B1H1S1P3L2M1J2E1A2,HIB,CL5S,4,12,8,13,340,15,10,MNAVG,5.96171000000000,0.17967210000000
C1B1H1S1P3L2M1J2E1A3,HIB,CL5S,4,12,8,13,340,15,10,MNHVY,11.11759000000000,1.62279500000000
C1B1H1S1P3L2M1J2E2A1,HIB,CL5S,4,12,8,13,340,15,40,MEPDG,7.64128400000000,0.83144110000000
C1B1H1S1P3L2M1J2E2A2,HIB,CL5S,4,12,8,13,340,15,40,MNAVG,5.96171000000000,0.17967210000000
C1B1H1S1P3L2M1J2E2A3,HIB,CL5S,4,12,8,13,340,15,40,MNHVY,11.11759000000000,1.62279500000000
C1B1H1S1P3L2M2J1E1A1,HIB,CL5S,4,12,8,13,590,12,10,MEPDG,0.06568279000000,0.01091180000000
C1B1H1S1P3L2M2J1E1A2,HIB,CL5S,4,12,8,13,590,12,10,MNAVG,0.02651672000000,0.00151295000000
C1B1H1S1P3L2M2J1E1A3,HIB,CL5S,4,12,8,13,590,12,10,MNHVY,0.04076574000000,0.01736554000000
C1B1H1S1P3L2M2J1E2A1,HIB,CL5S,4,12,8,13,590,12,40,MEPDG,0.06568279000000,0.01091180000000
C1B1H1S1P3L2M2J1E2A2,HIB,CL5S,4,12,8,13,590,12,40,MNAVG,0.02651672000000,0.00151295000000
C1B1H1S1P3L2M2J1E2A3,HIB,CL5S,4,12,8,13,590,12,40,MNHVY,0.04076574000000,0.01736554000000
C1B1H1S1P3L2M2J2E1A1,HIB,CL5S,4,12,8,13,590,15,10,MEPDG,0.36739470000000,0.06202192000000
```

```
C1B1H1S1P3L2M2J2E1A2,HIB,CL5S,4,12,8,13,590,15,10,MNAVG,0.21471010000000,0.01215722000000
C1B1H1S1P3L2M2J2E1A3,HIB,CL5S,4,12,8,13,590,15,10,MNHVY,0.43021870000000,0.12007530000000
C1B1H1S1P3L2M2J2E2A1,HIB,CL5S,4,12,8,13,590,15,40,MEPDG,0.36739470000000,0.06202192000000
C1B1H1S1P3L2M2J2E2A2,HIB,CL5S,4,12,8,13,590,15,40,MNAVG,0.21471010000000,0.01215722000000
C1B1H1S1P3L2M2J2E2A3,HIB,CL5S,4,12,8,13,590,15,40,MNHVY,0.43021870000000,0.12007530000000
C1B1H1S1P3L2M3J1E1A1,HIB,CL5S,4,12,8,13,840,12,10,MEPDG,0.00273969500000,0.00052975650000
C1B1H1S1P3L2M3J1E1A2,HIB,CL5S,4,12,8,13,840,12,10,MNAVG,0.00082372390000,0.00005326585000
C1B1H1S1P3L2M3J1E1A3,HIB,CL5S,4,12,8,13,840,12,10,MNHVY,0.00107733900000,0.00067445530000
C1B1H1S1P3L2M3J1E2A1,HIB,CL5S,4,12,8,13,840,12,40,MEPDG,0.00273969500000,0.00052975650000
C1B1H1S1P3L2M3J1E2A2,HIB,CL5S,4,12,8,13,840,12,40,MNAVG,0.00082372390000,0.00005326585000
C1B1H1S1P3L2M3J1E2A3,HIB,CL5S,4,12,8,13,840,12,40,MNHVY,0.00107733900000,0.00067445530000
C1B1H1S1P3L2M3J2E1A1,HIB,CL5S,4,12,8,13,840,15,10,MEPDG,0.02756501000000,0.00494473400000
C1B1H1S1P3L2M3J2E1A2,HIB,CL5S,4,12,8,13,840,15,10,MNAVG,0.01150034000000,0.00080880160000
C1B1H1S1P3L2M3J2E1A3,HIB,CL5S,4,12,8,13,840,15,10,MNHVY,0.02510065000000,0.00893435400000
C1B1H1S1P3L2M3J2E2A1,HIB,CL5S,4,12,8,13,840,15,40,MEPDG,0.02756501000000,0.00494473400000
C1B1H1S1P3L2M3J2E2A2,HIB,CL5S,4,12,8,13,840,15,40,MNAVG,0.01150034000000,0.00080880160000
C1B1H1S1P3L2M3J2E2A3,HIB,CL5S,4,12,8,13,840,15,40,MNHVY,0.02510065000000,0.00893435400000
C1B1H1S1P4L1M1J1E1A1,HIB,CL5S,4,12,9,12,340,12,10,MEPDG,6.46047500000000,0.77790530000000
C1B1H1S1P4L1M1J1E1A2,HIB,CL5S,4,12,9,12,340,12,10,MNAVG,3.43542300000000,0.13076600000000
C1B1H1S1P4L1M1J1E1A3,HIB,CL5S,4,12,9,12,340,12,10,MNHVY,6.03947400000000,1.42969700000000
C1B1H1S1P4L1M1J1E2A1,HIB,CL5S,4,12,9,12,340,12,40,MEPDG,3.12124000000000,0.43694320000000
C1B1H1S1P4L1M1J1E2A2,HIB,CL5S,4,12,9,12,340,12,40,MNAVG,1.65966800000000,0.07003529000000
C1B1H1S1P4L1M1J1E2A3,HIB,CL5S,4,12,9,12,340,12,40,MNHVY,2.74375800000000,0.77419390000000
C1B1H1S1P4L1M1J2E1A1,HIB,CL5S,4,12,9,12,340,15,10,MEPDG,18.61366000000000,2.11568900000000
C1B1H1S1P4L1M1J2E1A2,HIB,CL5S,4,12,9,12,340,15,10,MNAVG,12.52909000000000,0.44128500000000
C1B1H1S1P4L1M1J2E1A3,HIB,CL5S,4,12,9,12,340,15,10,MNHVY,24.88602000000000,4.22343600000000
C1B1H1S1P4L1M1J2E2A1,HIB,CL5S,4,12,9,12,340,15,40,MEPDG,10.10925000000000,1.24491900000000
C1B1H1S1P4L1M1J2E2A2,HIB,CL5S,4,12,9,12,340,15,40,MNAVG,6.97993900000000,0.25687450000000
C1B1H1S1P4L1M1J2E2A3,HIB,CL5S,4,12,9,12,340,15,40,MNHVY,13.30472000000000,2.45808500000000
C1B1H1S1P4L1M2J1E1A1,HIB,CL5S,4,12,9,12,590,12,10,MEPDG,0.12279110000000,0.02084678000000
C1B1H1S1P4L1M2J1E1A2,HIB,CL5S,4,12,9,12,590,12,10,MNAVG,0.03586486000000,0.00296076900000
C1B1H1S1P4L1M2J1E1A3,HIB,CL5S,4,12,9,12,590,12,10,MNHVY,0.05577875000000,0.03496350000000
C1B1H1S1P4L1M2J1E2A1,HIB,CL5S,4,12,9,12,590,12,40,MEPDG,0.04447052000000,0.01106125000000
C1B1H1S1P4L1M2J1E2A2,HIB,CL5S,4,12,9,12,590,12,40,MNAVG,0.01386907000000,0.00146009000000
C1B1H1S1P4L1M2J1E2A3,HIB,CL5S,4,12,9,12,590,12,40,MNHVY,0.01923247000000,0.01754483000000
C1B1H1S1P4L1M2J2E1A1,HIB,CL5S,4,12,9,12,590,15,10,MEPDG,0.72922810000000,0.12995710000000
C1B1H1S1P4L1M2J2E1A2,HIB,CL5S,4,12,9,12,590,15,10,MNAVG,0.30668010000000,0.02462257000000
C1B1H1S1P4L1M2J2E1A3,HIB,CL5S,4,12,9,12,590,15,10,MNHVY,0.68394350000000,0.25774130000000
C1B1H1S1P4L1M2J2E2A1,HIB,CL5S,4,12,9,12,590,15,40,MEPDG,0.30065520000000,0.06850688000000
C1B1H1S1P4L1M2J2E2A2,HIB,CL5S,4,12,9,12,590,15,40,MNAVG,0.13424300000000,0.01263559000000
C1B1H1S1P4L1M2J2E2A3,HIB,CL5S,4,12,9,12,590,15,40,MNHVY,0.26687030000000,0.13314840000000
C1B1H1S1P4L1M3J1E1A1,HIB,CL5S,4,12,9,12,840,12,10,MEPDG,0.00486732600000,0.00081162960000
C1B1H1S1P4L1M3J1E1A2,HIB,CL5S,4,12,9,12,840,12,10,MNAVG,0.00108413000000,0.00008769405000
C1B1H1S1P4L1M3J1E1A3,HIB,CL5S,4,12,9,12,840,12,10,MNHVY,0.00143349200000,0.00111989300000
C1B1H1S1P4L1M3J1E2A1,HIB,CL5S,4,12,9,12,840,12,40,MEPDG,0.00136438900000,0.00044476120000
C1B1H1S1P4L1M3J1E2A2,HIB,CL5S,4,12,9,12,840,12,40,MNAVG,0.00035317410000,0.00004282986000
C1B1H1S1P4L1M3J1E2A3,HIB,CL5S,4,12,9,12,840,12,40,MNHVY,0.00039886420000,0.00055792710000
C1B1H1S1P4L1M3J2E1A1,HIB,CL5S,4,12,9,12,840,15,10,MEPDG,0.04617703000000,0.00921241100000
C1B1H1S1P4L1M3J2E1A2,HIB,CL5S,4,12,9,12,840,15,10,MNAVG,0.01252707000000,0.00148620500000
C1B1H1S1P4L1M3J2E1A3,HIB,CL5S,4,12,9,12,840,15,10,MNHVY,0.03049570000000,0.01707627000000
```

```
C1B1H1S1P4L1M3J2E2A1,HIB,CL5S,4,12,9,12,840,15,40,MEPDG,0.01494512000000,0.00464782900000
C1B1H1S1P4L1M3J2E2A2,HIB,CL5S,4,12,9,12,840,15,40,MNAVG,0.00450364800000,0.00071143280000
C1B1H1S1P4L1M3J2E2A3,HIB,CL5S,4,12,9,12,840,15,40,MNHVY,0.00896887200000,0.00830000400000
C1B1H1S1P4L2M1J1E1A1,HIB,CL5S,4,12,9,13,340,12,10,MEPDG,0.73590060000000,0.19316150000000
C1B1H1S1P4L2M1J1E1A2,HIB,CL5S,4,12,9,13,340,12,10,MNAVG,0.38136580000000,0.03218945000000
C1B1H1S1P4L2M1J1E1A3,HIB,CL5S,4,12,9,13,340,12,10,MNHVY,0.62444930000000,0.34867060000000
C1B1H1S1P4L2M1J1E2A1,HIB,CL5S,4,12,9,13,340,12,40,MEPDG,0.73590060000000,0.19316150000000
C1B1H1S1P4L2M1J1E2A2,HIB,CL5S,4,12,9,13,340,12,40,MNAVG,0.38136580000000,0.03218945000000
C1B1H1S1P4L2M1J1E2A3,HIB,CL5S,4,12,9,13,340,12,40,MNHVY,0.62444930000000,0.34867060000000
C1B1H1S1P4L2M1J2E1A1,HIB,CL5S,4,12,9,13,340,15,10,MEPDG,2.68661200000000,0.65685140000000
C1B1H1S1P4L2M1J2E1A2,HIB,CL5S,4,12,9,13,340,15,10,MNAVG,1.86030100000000,0.13985370000000
C1B1H1S1P4L2M1J2E1A3,HIB,CL5S,4,12,9,13,340,15,10,MNHVY,3.52439100000000,1.30846100000000
C1B1H1S1P4L2M1J2E2A1,HIB,CL5S,4,12,9,13,340,15,40,MEPDG,2.68661200000000,0.65685140000000
C1B1H1S1P4L2M1J2E2A2,HIB,CL5S,4,12,9,13,340,15,40,MNAVG,1.86030100000000,0.13985370000000
C1B1H1S1P4L2M1J2E2A3,HIB,CL5S,4,12,9,13,340,15,40,MNHVY,3.52439100000000,1.30846100000000
C1B1H1S1P4L2M2J1E1A1,HIB,CL5S,4,12,9,13,590,12,10,MEPDG,0.00917873300000,0.00454938700000
C1B1H1S1P4L2M2J1E1A2,HIB,CL5S,4,12,9,13,590,12,10,MNAVG,0.00287298700000,0.00061836720000
C1B1H1S1P4L2M2J1E1A3,HIB,CL5S,4,12,9,13,590,12,10,MNHVY,0.00388937500000,0.00733294500000
C1B1H1S1P4L2M2J1E2A1,HIB,CL5S,4,12,9,13,590,12,40,MEPDG,0.00917873300000,0.00454938700000
C1B1H1S1P4L2M2J1E2A2,HIB,CL5S,4,12,9,13,590,12,40,MNAVG,0.00287298700000,0.00061836720000
C1B1H1S1P4L2M2J1E2A3,HIB,CL5S,4,12,9,13,590,12,40,MNHVY,0.00388937500000,0.00733294500000
C1B1H1S1P4L2M2J2E1A1,HIB,CL5S,4,12,9,13,590,15,10,MEPDG,0.07061575000000,0.03371155000000
C1B1H1S1P4L2M2J2E1A2,HIB,CL5S,4,12,9,13,590,15,10,MNAVG,0.03173152000000,0.00638348100000
C1B1H1S1P4L2M2J2E1A3,HIB,CL5S,4,12,9,13,590,15,10,MNHVY,0.06226499000000,0.06609984000000
C1B1H1S1P4L2M2J2E2A1,HIB,CL5S,4,12,9,13,590,15,40,MEPDG,0.07061575000000,0.03371155000000
C1B1H1S1P4L2M2J2E2A2,HIB,CL5S,4,12,9,13,590,15,40,MNAVG,0.03173152000000,0.00638348100000
C1B1H1S1P4L2M2J2E2A3,HIB,CL5S,4,12,9,13,590,15,40,MNHVY,0.06226499000000,0.06609984000000
C1B1H1S1P4L2M3J1E1A1,HIB,CL5S,4,12,9,13,840,12,10,MEPDG,0.00025537890000,0.00017398030000
C1B1H1S1P4L2M3J1E1A2,HIB,CL5S,4,12,9,13,840,12,10,MNAVG,0.00006801991000,0.00001683100000
C1B1H1S1P4L2M3J1E1A3,HIB,CL5S,4,12,9,13,840,12,10,MNHVY,0.00007489746000,0.00021840050000
C1B1H1S1P4L2M3J1E2A1,HIB,CL5S,4,12,9,13,840,12,40,MEPDG,0.00025537890000,0.00017398030000
C1B1H1S1P4L2M3J1E2A2,HIB,CL5S,4,12,9,13,840,12,40,MNAVG,0.00006801991000,0.00001683100000
C1B1H1S1P4L2M3J1E2A3,HIB,CL5S,4,12,9,13,840,12,40,MNHVY,0.00007489746000,0.00021840050000
C1B1H1S1P4L2M3J2E1A1,HIB,CL5S,4,12,9,13,840,15,10,MEPDG,0.00316088600000,0.00215475600000
C1B1H1S1P4L2M3J2E1A2,HIB,CL5S,4,12,9,13,840,15,10,MNAVG,0.00096603810000,0.00033585510000
C1B1H1S1P4L2M3J2E1A3,HIB,CL5S,4,12,9,13,840,15,10,MNHVY,0.00188062500000,0.00387575800000
C1B1H1S1P4L2M3J2E2A1,HIB,CL5S,4,12,9,13,840,15,40,MEPDG,0.00316088600000,0.00215475600000
C1B1H1S1P4L2M3J2E2A2,HIB,CL5S,4,12,9,13,840,15,40,MNAVG,0.00096603810000,0.00033585510000
C1B1H1S1P4L2M3J2E2A3,HIB,CL5S,4,12,9,13,840,15,40,MNHVY,0.00188062500000,0.00387575800000
C1B1H1S1P5L1M1J1E1A1,HIB,CL5S,4,12,10,12,340,12,10,MEPDG,1.75893400000000,0.42029310000000
C1B1H1S1P5L1M1J1E1A2,HIB,CL5S,4,12,10,12,340,12,10,MNAVG,0.71495360000000,0.06698618000000
C1B1H1S1P5L1M1J1E1A3,HIB,CL5S,4,12,10,12,340,12,10,MNHVY,1.23405000000000,0.77162640000000
C1B1H1S1P5L1M1J1E2A1,HIB,CL5S,4,12,10,12,340,12,40,MEPDG,0.76392360000000,0.23938060000000
C1B1H1S1P5L1M1J1E2A2,HIB,CL5S,4,12,10,12,340,12,40,MNAVG,0.31765810000000,0.03665617000000
C1B1H1S1P5L1M1J1E2A3,HIB,CL5S,4,12,10,12,340,12,40,MNHVY,0.50032140000000,0.42521630000000
C1B1H1S1P5L1M1J2E1A1,HIB,CL5S,4,12,10,12,340,15,10,MEPDG,6.72790200000000,1.42391800000000
C1B1H1S1P5L1M1J2E1A2,HIB,CL5S,4,12,10,12,340,15,10,MNAVG,3.78612300000000,0.28333160000000
C1B1H1S1P5L1M1J2E1A3,HIB,CL5S,4,12,10,12,340,15,10,MNHVY,7.88338600000000,2.87687500000000
C1B1H1S1P5L1M1J2E2A1,HIB,CL5S,4,12,10,12,340,15,40,MEPDG,3.35907300000000,0.84130980000000
C1B1H1S1P5L1M1J2E2A2,HIB,CL5S,4,12,10,12,340,15,40,MNAVG,1.98143600000000,0.16607640000000
```

```
C1B1H1S1P5L1M1J2E2A3,HIB,CL5S,4,12,10,12,340,15,40,MNHVY,3.86491100000000,1.67945400000000
C1B1H1S1P5L1M2J1E1A1,HIB,CL5S,4,12,10,12,590,12,10,MEPDG,0.02011112000000,0.00757117800000
C1B1H1S1P5L1M2J1E1A2,HIB,CL5S,4,12,10,12,590,12,10,MNAVG,0.00464252100000,0.00096212080000
C1B1H1S1P5L1M2J1E1A3,HIB,CL5S,4,12,10,12,590,12,10,MNHVY,0.00629302500000,0.01212791000000
C1B1H1S1P5L1M2J1E2A1,HIB,CL5S,4,12,10,12,590,12,40,MEPDG,0.00620663800000,0.00425629600000
C1B1H1S1P5L1M2J1E2A2,HIB,CL5S,4,12,10,12,590,12,40,MNAVG,0.00162919500000,0.00051464860000
C1B1H1S1P5L1M2J1E2A3,HIB,CL5S,4,12,10,12,590,12,40,MNHVY,0.00189520700000,0.00650306200000
C1B1H1S1P5L1M2J2E1A1,HIB,CL5S,4,12,10,12,590,15,10,MEPDG,0.15460190000000,0.06105579000000
C1B1H1S1P5L1M2J2E1A2,HIB,CL5S,4,12,10,12,590,15,10,MNAVG,0.04795314000000,0.01065828000000
C1B1H1S1P5L1M2J2E1A3,HIB,CL5S,4,12,10,12,590,15,10,MNHVY,0.11031500000000,0.11933270000000
C1B1H1S1P5L1M2J2E2A1,HIB,CL5S,4,12,10,12,590,15,40,MEPDG,0.05409163000000,0.03322076000000
C1B1H1S1P5L1M2J2E2A2,HIB,CL5S,4,12,10,12,590,15,40,MNAVG,0.01817872000000,0.00568819600000
C1B1H1S1P5L1M2J2E2A3,HIB,CL5S,4,12,10,12,590,15,40,MNHVY,0.03469930000000,0.06375059000000
C1B1H1S1P5L1M3J1E1A1,HIB,CL5S,4,12,10,12,840,12,10,MEPDG,0.00075194470000,0.00025465220000
C1B1H1S1P5L1M3J1E1A2,HIB,CL5S,4,12,10,12,840,12,10,MNAVG,0.00013546100000,0.00002419975000
C1B1H1S1P5L1M3J1E1A3,HIB,CL5S,4,12,10,12,840,12,10,MNHVY,0.00019345840000,0.00033046360000
C1B1H1S1P5L1M3J1E2A1,HIB,CL5S,4,12,10,12,840,12,40,MEPDG,0.00019732560000,0.00015367830000
C1B1H1S1P5L1M3J1E2A2,HIB,CL5S,4,12,10,12,840,12,40,MNAVG,0.00004226673000,0.00001364007000
C1B1H1S1P5L1M3J1E2A3,HIB,CL5S,4,12,10,12,840,12,40,MNHVY,0.00005242962000,0.00018644530000
C1B1H1S1P5L1M3J2E1A1,HIB,CL5S,4,12,10,12,840,15,10,MEPDG,0.00603722500000,0.00357675200000
C1B1H1S1P5L1M3J2E1A2,HIB,CL5S,4,12,10,12,840,15,10,MNAVG,0.00120584400000,0.00052365370000
C1B1H1S1P5L1M3J2E1A3,HIB,CL5S,4,12,10,12,840,15,10,MNHVY,0.00262836100000,0.00638716900000
C1B1H1S1P5L1M3J2E2A1,HIB,CL5S,4,12,10,12,840,15,40,MEPDG,0.00176763600000,0.00193937700000
C1B1H1S1P5L1M3J2E2A2,HIB,CL5S,4,12,10,12,840,15,40,MNAVG,0.00041168650000,0.00027223520000
C1B1H1S1P5L1M3J2E2A3,HIB,CL5S,4,12,10,12,840,15,40,MNHVY,0.00074382580000,0.00334380300000
C1B1H1S1P5L2M1J1E1A1,HIB,CL5S,4,12,10,13,340,12,10,MEPDG,0.17173210000000,0.10720720000000
C1B1H1S1P5L2M1J1E1A2,HIB,CL5S,4,12,10,13,340,12,10,MNAVG,0.07022703000000,0.01694119000000
C1B1H1S1P5L2M1J1E1A3,HIB,CL5S,4,12,10,13,340,12,10,MNHVY,0.10861830000000,0.19331690000000
C1B1H1S1P5L2M1J1E2A1,HIB,CL5S,4,12,10,13,340,12,40,MEPDG,0.17173210000000,0.10720720000000
C1B1H1S1P5L2M1J1E2A2,HIB,CL5S,4,12,10,13,340,12,40,MNAVG,0.07022703000000,0.01694119000000
C1B1H1S1P5L2M1J1E2A3,HIB,CL5S,4,12,10,13,340,12,40,MNHVY,0.10861830000000,0.19331690000000
C1B1H1S1P5L2M1J2E1A1,HIB,CL5S,4,12,10,13,340,15,10,MEPDG,0.86250390000000,0.44897500000000
C1B1H1S1P5L2M1J2E1A2,HIB,CL5S,4,12,10,13,340,15,10,MNAVG,0.51303020000000,0.09133396000000
C1B1H1S1P5L2M1J2E1A3,HIB,CL5S,4,12,10,13,340,15,10,MNHVY,0.99159400000000,0.90381220000000
C1B1H1S1P5L2M1J2E2A1,HIB,CL5S,4,12,10,13,340,15,40,MEPDG,0.86250390000000,0.44897500000000
C1B1H1S1P5L2M1J2E2A2,HIB,CL5S,4,12,10,13,340,15,40,MNAVG,0.51303020000000,0.09133396000000
C1B1H1S1P5L2M1J2E2A3,HIB,CL5S,4,12,10,13,340,15,40,MNHVY,0.99159400000000,0.90381220000000
C1B1H1S1P5L2M2J1E1A1,HIB,CL5S,4,12,10,13,590,12,10,MEPDG,0.00120732900000,0.00181064700000
C1B1H1S1P5L2M2J1E1A2,HIB,CL5S,4,12,10,13,590,12,10,MNAVG,0.00032594630000,0.00022410670000
C1B1H1S1P5L2M2J1E1A3,HIB,CL5S,4,12,10,13,590,12,10,MNHVY,0.00036893420000,0.00280997700000
C1B1H1S1P5L2M2J1E2A1,HIB,CL5S,4,12,10,13,590,12,40,MEPDG,0.00120732900000,0.00181064700000
C1B1H1S1P5L2M2J1E2A2,HIB,CL5S,4,12,10,13,590,12,40,MNAVG,0.00032594630000,0.00022410670000
C1B1H1S1P5L2M2J1E2A3,HIB,CL5S,4,12,10,13,590,12,40,MNHVY,0.00036893420000,0.00280997700000
C1B1H1S1P5L2M2J2E1A1,HIB,CL5S,4,12,10,13,590,15,10,MEPDG,0.01182545000000,0.01662273000000
C1B1H1S1P5L2M2J2E1A2,HIB,CL5S,4,12,10,13,590,15,10,MNAVG,0.00402691000000,0.00292347000000
C1B1H1S1P5L2M2J2E1A3,HIB,CL5S,4,12,10,13,590,15,10,MNHVY,0.00748015200000,0.03220377000000
C1B1H1S1P5L2M2J2E2A1,HIB,CL5S,4,12,10,13,590,15,40,MEPDG,0.01182545000000,0.01662273000000
C1B1H1S1P5L2M2J2E2A2,HIB,CL5S,4,12,10,13,590,15,40,MNAVG,0.00402691000000,0.00292347000000
C1B1H1S1P5L2M2J2E2A3,HIB,CL5S,4,12,10,13,590,15,40,MNHVY,0.00748015200000,0.03220377000000
C1B1H1S1P5L2M3J1E1A1,HIB,CL5S,4,12,10,13,840,12,10,MEPDG,0.00003656555000,0.00006064451000
```

```
C1B1H1S1P5L2M3J1E1A2,HIB,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000800145100,0.00000527924300
C1B1H1S1P5L2M3J1E1A3,HIB,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000973686400,0.00007187717000
C1B1H1S1P5L2M3J1E2A1,HIB,CL5S,4,12,10,13,840,12,40,MEPDG,0.00003656555000,0.00006064451000
C1B1H1S1P5L2M3J1E2A2,HIB,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000800145100,0.00000527924300
C1B1H1S1P5L2M3J1E2A3,HIB,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000973686400,0.00007187717000
C1B1H1S1P5L2M3J2E1A1,HIB,CL5S,4,12,10,13,840,15,10,MEPDG,0.00034913070000,0.00092318940000
C1B1H1S1P5L2M3J2E1A2,HIB,CL5S,4,12,10,13,840,15,10,MNAVG,0.00008365451000,0.00013152690000
C1B1H1S1P5L2M3J2E1A3,HIB,CL5S,4,12,10,13,840,15,10,MNHVY,0.00014649060000,0.00160094300000
C1B1H1S1P5L2M3J2E2A1,HIB,CL5S,4,12,10,13,840,15,40,MEPDG,0.00034913070000,0.00092318940000
C1B1H1S1P5L2M3J2E2A2,HIB,CL5S,4,12,10,13,840,15,40,MNAVG,0.00008365451000,0.00013152690000
C1B1H1S1P5L2M3J2E2A3,HIB,CL5S,4,12,10,13,840,15,40,MNHVY,0.00014649060000,0.00160094300000
C1B1H1S1P6L1M1J1E1A1,HIB,CL5S,4,12,11,12,340,12,10,MEPDG,0.43379420000000,0.21073670000000
C1B1H1S1P6L1M1J1E1A2,HIB,CL5S,4,12,11,12,340,12,10,MNAVG,0.13270590000000,0.03050535000000
C1B1H1S1P6L1M1J1E1A3,HIB,CL5S,4,12,11,12,340,12,10,MNHVY,0.21329620000000,0.37520390000000
C1B1H1S1P6L1M1J1E2A1,HIB,CL5S,4,12,11,12,340,12,40,MEPDG,0.16726770000000,0.12326830000000
C1B1H1S1P6L1M1J1E2A2,HIB,CL5S,4,12,11,12,340,12,40,MNAVG,0.05384381000000,0.01737803000000
C1B1H1S1P6L1M1J1E2A3,HIB,CL5S,4,12,11,12,340,12,40,MNHVY,0.07626787000000,0.21340460000000
C1B1H1S1P6L1M1J2E1A1,HIB,CL5S,4,12,11,12,340,15,10,MEPDG,2.07370500000000,0.87736490000000
C1B1H1S1P6L1M1J2E1A2,HIB,CL5S,4,12,11,12,340,15,10,MNAVG,0.92739680000000,0.16250510000000
C1B1H1S1P6L1M1J2E1A3,HIB,CL5S,4,12,11,12,340,15,10,MNHVY,1.96921000000000,1.76474600000000
C1B1H1S1P6L1M1J2E2A1,HIB,CL5S,4,12,11,12,340,15,40,MEPDG,0.94367920000000,0.52528200000000
C1B1H1S1P6L1M1J2E2A2,HIB,CL5S,4,12,11,12,340,15,40,MNAVG,0.45164220000000,0.09708343000000
C1B1H1S1P6L1M1J2E2A3,HIB,CL5S,4,12,11,12,340,15,40,MNHVY,0.87759800000000,1.04550600000000
C1B1H1S1P6L1M2J1E1A1,HIB,CL5S,4,12,11,12,590,12,10,MEPDG,0.00352802100000,0.00292193700000
C1B1H1S1P6L1M2J1E1A2,HIB,CL5S,4,12,11,12,590,12,10,MNAVG,0.00070471080000,0.00032164380000
C1B1H1S1P6L1M2J1E1A3,HIB,CL5S,4,12,11,12,590,12,10,MNHVY,0.00085247980000,0.00437791600000
C1B1H1S1P6L1M2J1E2A1,HIB,CL5S,4,12,11,12,590,12,40,MEPDG,0.00098129560000,0.00173399800000
C1B1H1S1P6L1M2J1E2A2,HIB,CL5S,4,12,11,12,590,12,40,MNAVG,0.00023491790000,0.00018502620000
C1B1H1S1P6L1M2J1E2A3,HIB,CL5S,4,12,11,12,590,12,40,MNHVY,0.00024829470000,0.00249796100000
C1B1H1S1P6L1M2J2E1A1,HIB,CL5S,4,12,11,12,590,15,10,MEPDG,0.02750575000000,0.02794506000000
C1B1H1S1P6L1M2J2E1A2,HIB,CL5S,4,12,11,12,590,15,10,MNAVG,0.00639470900000,0.00437483600000
C1B1H1S1P6L1M2J2E1A3,HIB,CL5S,4,12,11,12,590,15,10,MNHVY,0.01375626000000,0.05272704000000
C1B1H1S1P6L1M2J2E2A1,HIB,CL5S,4,12,11,12,590,15,40,MEPDG,0.00899357800000,0.01599360000000
C1B1H1S1P6L1M2J2E2A2,HIB,CL5S,4,12,11,12,590,15,40,MNAVG,0.00238318800000,0.00249074600000
C1B1H1S1P6L1M2J2E2A3,HIB,CL5S,4,12,11,12,590,15,40,MNHVY,0.00436601600000,0.02977104000000
C1B1H1S1P6L1M3J1E1A1,HIB,CL5S,4,12,11,12,840,12,10,MEPDG,0.00008401059000,0.00006746920000
C1B1H1S1P6L1M3J1E1A2,HIB,CL5S,4,12,11,12,840,12,10,MNAVG,0.00001407692000,0.00000600660500
C1B1H1S1P6L1M3J1E1A3,HIB,CL5S,4,12,11,12,840,12,10,MNHVY,0.00001339352000,0.00008793591000
C1B1H1S1P6L1M3J1E2A1,HIB,CL5S,4,12,11,12,840,12,40,MEPDG,0.00001815741000,0.00005765667000
C1B1H1S1P6L1M3J1E2A2,HIB,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000389915700,0.00000454108700
C1B1H1S1P6L1M3J1E2A3,HIB,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000321652000,0.00006576926000
C1B1H1S1P6L1M3J2E1A1,HIB,CL5S,4,12,11,12,840,15,10,MEPDG,0.00065514870000,0.00143657800000
C1B1H1S1P6L1M3J2E1A2,HIB,CL5S,4,12,11,12,840,15,10,MNAVG,0.00010605420000,0.00018331110000
C1B1H1S1P6L1M3J2E1A3,HIB,CL5S,4,12,11,12,840,15,10,MNHVY,0.00017421590000,0.00240885400000
C1B1H1S1P6L1M3J2E2A1,HIB,CL5S,4,12,11,12,840,15,40,MEPDG,0.00017387660000,0.00082525390000
C1B1H1S1P6L1M3J2E2A2,HIB,CL5S,4,12,11,12,840,15,40,MNAVG,0.00003448492000,0.00010169450000
C1B1H1S1P6L1M3J2E2A3,HIB,CL5S,4,12,11,12,840,15,40,MNHVY,0.00004890456000,0.00133307200000
C1B1H1S1P6L2M1J1E1A1,HIB,CL5S,4,12,11,13,340,12,10,MEPDG,0.03552505000000,0.05610998000000
C1B1H1S1P6L2M1J1E1A2,HIB,CL5S,4,12,11,13,340,12,10,MNAVG,0.01139234000000,0.00810075100000
C1B1H1S1P6L2M1J1E1A3,HIB,CL5S,4,12,11,13,340,12,10,MNHVY,0.01559393000000,0.09848353000000
```

```
C1B1H1S1P6L2M1J1E2A1,HIB,CL5S,4,12,11,13,340,12,40,MEPDG,0.03552505000000,0.05610998000000
C1B1H1S1P6L2M1J1E2A2,HIB,CL5S,4,12,11,13,340,12,40,MNAVG,0.01139234000000,0.00810075100000
C1B1H1S1P6L2M1J1E2A3,HIB,CL5S,4,12,11,13,340,12,40,MNHVY,0.01559393000000,0.09848353000000
C1B1H1S1P6L2M1J2E1A1,HIB,CL5S,4,12,11,13,340,15,10,MEPDG,0.22912190000000,0.28224840000000
C1B1H1S1P6L2M1J2E1A2,HIB,CL5S,4,12,11,13,340,15,10,MNAVG,0.11082230000000,0.05367988000000
C1B1H1S1P6L2M1J2E1A3,HIB,CL5S,4,12,11,13,340,15,10,MNHVY,0.21200740000000,0.56645600000000
C1B1H1S1P6L2M1J2E2A1,HIB,CL5S,4,12,11,13,340,15,40,MEPDG,0.22912190000000,0.28224840000000
C1B1H1S1P6L2M1J2E2A2,HIB,CL5S,4,12,11,13,340,15,40,MNAVG,0.11082230000000,0.05367988000000
C1B1H1S1P6L2M1J2E2A3,HIB,CL5S,4,12,11,13,340,15,40,MNHVY,0.21200740000000,0.56645600000000
C1B1H1S1P6L2M2J1E1A1,HIB,CL5S,4,12,11,13,590,12,10,MEPDG,0.00018135560000,0.00076560310000
C1B1H1S1P6L2M2J1E1A2,HIB,CL5S,4,12,11,13,590,12,10,MNAVG,0.00004530600000,0.00008332951000
C1B1H1S1P6L2M2J1E1A3,HIB,CL5S,4,12,11,13,590,12,10,MNHVY,0.00004626642000,0.00112035300000
C1B1H1S1P6L2M2J1E2A1,HIB,CL5S,4,12,11,13,590,12,40,MEPDG,0.00018135560000,0.00076560310000
C1B1H1S1P6L2M2J1E2A2,HIB,CL5S,4,12,11,13,590,12,40,MNAVG,0.00004530600000,0.00008332951000
C1B1H1S1P6L2M2J1E2A3,HIB,CL5S,4,12,11,13,590,12,40,MNHVY,0.00004626642000,0.00112035300000
C1B1H1S1P6L2M2J2E1A1,HIB,CL5S,4,12,11,13,590,15,10,MEPDG,0.00186439600000,0.00812645800000
C1B1H1S1P6L2M2J2E1A2,HIB,CL5S,4,12,11,13,590,15,10,MNAVG,0.00050767770000,0.00129601500000
C1B1H1S1P6L2M2J2E1A3,HIB,CL5S,4,12,11,13,590,15,10,MNHVY,0.00090799590000,0.01529675000000
C1B1H1S1P6L2M2J2E2A1,HIB,CL5S,4,12,11,13,590,15,40,MEPDG,0.00186439600000,0.00812645800000
C1B1H1S1P6L2M2J2E2A2,HIB,CL5S,4,12,11,13,590,15,40,MNAVG,0.00050767770000,0.00129601500000
C1B1H1S1P6L2M2J2E2A3,HIB,CL5S,4,12,11,13,590,15,40,MNHVY,0.00090799590000,0.01529675000000
C1B1H1S1P6L2M3J1E1A1,HIB,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000479264100,0.00002294699000
C1B1H1S1P6L2M3J1E1A2,HIB,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000090803980,0.00000183561700
C1B1H1S1P6L2M3J1E1A3,HIB,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000091942520,0.00002671092000
C1B1H1S1P6L2M3J1E2A1,HIB,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000479264100,0.00002294699000
C1B1H1S1P6L2M3J1E2A2,HIB,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000090803980,0.00000183561700
C1B1H1S1P6L2M3J1E2A3,HIB,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000091942520,0.00002671092000
C1B1H1S1P6L2M3J2E1A1,HIB,CL5S,4,12,11,13,840,15,10,MEPDG,0.00003253023000,0.00040824520000
C1B1H1S1P6L2M3J2E1A2,HIB,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000673419800,0.00005101599000
C1B1H1S1P6L2M3J2E1A3,HIB,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000930358700,0.00066551220000
C1B1H1S1P6L2M3J2E2A1,HIB,CL5S,4,12,11,13,840,15,40,MEPDG,0.00003253023000,0.00040824520000
C1B1H1S1P6L2M3J2E2A2,HIB,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000673419800,0.00005101599000
C1B1H1S1P6L2M3J2E2A3,HIB,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000930358700,0.00066551220000
C1B1H1S1P7L1M1J1E1A1,HIB,CL5S,4,12,12,12,340,12,10,MEPDG,0.10895550000000,0.10226590000000
C1B1H1S1P7L1M1J1E1A2,HIB,CL5S,4,12,12,12,340,12,10,MNAVG,0.02630309000000,0.01311832000000
C1B1H1S1P7L1M1J1E1A3,HIB,CL5S,4,12,12,12,340,12,10,MNHVY,0.03914152000000,0.17172220000000
C1B1H1S1P7L1M1J1E2A1,HIB,CL5S,4,12,12,12,340,12,40,MEPDG,0.03779946000000,0.06250785000000
C1B1H1S1P7L1M1J1E2A2,HIB,CL5S,4,12,12,12,340,12,40,MNAVG,0.01008265000000,0.00793638000000
C1B1H1S1P7L1M1J1E2A3,HIB,CL5S,4,12,12,12,340,12,40,MNHVY,0.01296484000000,0.10286050000000
C1B1H1S1P7L1M1J2E1A1,HIB,CL5S,4,12,12,12,340,15,10,MEPDG,0.58933630000000,0.50983440000000
C1B1H1S1P7L1M1J2E1A2,HIB,CL5S,4,12,12,12,340,15,10,MNAVG,0.20226360000000,0.08682419000000
C1B1H1S1P7L1M1J2E1A3,HIB,CL5S,4,12,12,12,340,15,10,MNHVY,0.42766520000000,1.00114500000000
C1B1H1S1P7L1M1J2E2A1,HIB,CL5S,4,12,12,12,340,15,40,MEPDG,0.23928750000000,0.31124320000000
C1B1H1S1P7L1M1J2E2A2,HIB,CL5S,4,12,12,12,340,15,40,MNAVG,0.08953217000000,0.05322054000000
C1B1H1S1P7L1M1J2E2A3,HIB,CL5S,4,12,12,12,340,15,40,MNHVY,0.16803890000000,0.60636410000000
C1B1H1S1P7L1M2J1E1A1,HIB,CL5S,4,12,12,12,590,12,10,MEPDG,0.00067403640000,0.00118975000000
C1B1H1S1P7L1M2J1E1A2,HIB,CL5S,4,12,12,12,590,12,10,MNAVG,0.00011798870000,0.00011615700000
C1B1H1S1P7L1M2J1E1A3,HIB,CL5S,4,12,12,12,590,12,10,MNHVY,0.00012513990000,0.00166227400000
C1B1H1S1P7L1M2J1E2A1,HIB,CL5S,4,12,12,12,590,12,40,MEPDG,0.00020583590000,0.00071077370000
C1B1H1S1P7L1M2J1E2A2,HIB,CL5S,4,12,12,12,590,12,40,MNAVG,0.00004246934000,0.00007018696000
```

```
C1B1H1S1P7L1M2J1E2A3,HIB,CL5S,4,12,12,12,590,12,40,MNHVY,0.00004759876000,0.00099661660000
C1B1H1S1P7L1M2J2E1A1,HIB,CL5S,4,12,12,12,590,15,10,MEPDG,0.00405695100000,0.01278985000000
C1B1H1S1P7L1M2J2E1A2,HIB,CL5S,4,12,12,12,590,15,10,MNAVG,0.00073085050000,0.00178468900000
C1B1H1S1P7L1M2J2E1A3,HIB,CL5S,4,12,12,12,590,15,10,MNHVY,0.00118016400000,0.02290481000000
C1B1H1S1P7L1M2J2E2A1,HIB,CL5S,4,12,12,12,590,15,40,MEPDG,0.00117167700000,0.00765548500000
C1B1H1S1P7L1M2J2E2A2,HIB,CL5S,4,12,12,12,590,15,40,MNAVG,0.00025407610000,0.00107480300000
C1B1H1S1P7L1M2J2E2A3,HIB,CL5S,4,12,12,12,590,15,40,MNHVY,0.00034782580000,0.01359812000000
C1B1H1S1P7L1M3J1E1A1,HIB,CL5S,4,12,12,12,840,12,10,MEPDG,0.00002096558000,0.00003682292000
C1B1H1S1P7L1M3J1E1A2,HIB,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000254328100,0.00000286389900
C1B1H1S1P7L1M3J1E1A3,HIB,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000260411600,0.00004297872000
C1B1H1S1P7L1M3J1E2A1,HIB,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000280260000,0.00002895438000
C1B1H1S1P7L1M3J1E2A2,HIB,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000053646040,0.00000209609000
C1B1H1S1P7L1M3J1E2A3,HIB,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000038267320,0.00003137119000
C1B1H1S1P7L1M3J2E1A1,HIB,CL5S,4,12,12,12,840,15,10,MEPDG,0.00008862968000,0.00059279310000
C1B1H1S1P7L1M3J2E1A2,HIB,CL5S,4,12,12,12,840,15,10,MNAVG,0.00001193630000,0.00006649644000
C1B1H1S1P7L1M3J2E1A3,HIB,CL5S,4,12,12,12,840,15,10,MNHVY,0.00001746975000,0.00092698980000
C1B1H1S1P7L1M3J2E2A1,HIB,CL5S,4,12,12,12,840,15,40,MEPDG,0.00002118222000,0.00035863110000
C1B1H1S1P7L1M3J2E2A2,HIB,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000363006800,0.00003895392000
C1B1H1S1P7L1M3J2E2A3,HIB,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000449658200,0.00053857410000
C1B1H1S1P7L2M1J1E1A1,HIB,CL5S,4,12,12,13,340,12,10,MEPDG,0.00770974100000,0.02913764000000
C1B1H1S1P7L2M1J1E1A2,HIB,CL5S,4,12,12,13,340,12,10,MNAVG,0.00209849300000,0.00378260800000
C1B1H1S1P7L2M1J1E1A3,HIB,CL5S,4,12,12,13,340,12,10,MNHVY,0.00260052400000,0.04863915000000
C1B1H1S1P7L2M1J1E2A1,HIB,CL5S,4,12,12,13,340,12,40,MEPDG,0.00770974100000,0.02913764000000
C1B1H1S1P7L2M1J1E2A2,HIB,CL5S,4,12,12,13,340,12,40,MNAVG,0.00209849300000,0.00378260800000
C1B1H1S1P7L2M1J1E2A3,HIB,CL5S,4,12,12,13,340,12,40,MNHVY,0.00260052400000,0.04863915000000
C1B1H1S1P7L2M1J2E1A1,HIB,CL5S,4,12,12,13,340,15,10,MEPDG,0.05461618000000,0.16846340000000
C1B1H1S1P7L2M1J2E1A2,HIB,CL5S,4,12,12,13,340,15,10,MNAVG,0.02073719000000,0.02957693000000
C1B1H1S1P7L2M1J2E1A3,HIB,CL5S,4,12,12,13,340,15,10,MNHVY,0.03793767000000,0.33141040000000
C1B1H1S1P7L2M1J2E2A1,HIB,CL5S,4,12,12,13,340,15,40,MEPDG,0.05461618000000,0.16846340000000
C1B1H1S1P7L2M1J2E2A2,HIB,CL5S,4,12,12,13,340,15,40,MNAVG,0.02073719000000,0.02957693000000
C1B1H1S1P7L2M1J2E2A3,HIB,CL5S,4,12,12,13,340,15,40,MNHVY,0.03793767000000,0.33141040000000
C1B1H1S1P7L2M2J1E1A1,HIB,CL5S,4,12,12,13,590,12,10,MEPDG,0.00002805687000,0.00030999100000
C1B1H1S1P7L2M2J1E1A2,HIB,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000662213400,0.00003130435000
C1B1H1S1P7L2M2J1E1A3,HIB,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000565388300,0.00044286910000
C1B1H1S1P7L2M2J1E2A1,HIB,CL5S,4,12,12,13,590,12,40,MEPDG,0.00002805687000,0.00030999100000
C1B1H1S1P7L2M2J1E2A2,HIB,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000662213400,0.00003130435000
C1B1H1S1P7L2M2J1E2A3,HIB,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000565388300,0.00044286910000
C1B1H1S1P7L2M2J2E1A1,HIB,CL5S,4,12,12,13,590,15,10,MEPDG,0.00022491910000,0.00401633400000
C1B1H1S1P7L2M2J2E1A2,HIB,CL5S,4,12,12,13,590,15,10,MNAVG,0.00005103850000,0.00057764900000
C1B1H1S1P7L2M2J2E1A3,HIB,CL5S,4,12,12,13,590,15,10,MNHVY,0.00006706907000,0.00723356700000
C1B1H1S1P7L2M2J2E2A1,HIB,CL5S,4,12,12,13,590,15,40,MEPDG,0.00022491910000,0.00401633400000
C1B1H1S1P7L2M2J2E2A2,HIB,CL5S,4,12,12,13,590,15,40,MNAVG,0.00005103850000,0.00057764900000
C1B1H1S1P7L2M2J2E2A3,HIB,CL5S,4,12,12,13,590,15,40,MNHVY,0.00006706907000,0.00723356700000
C1B1H1S1P7L2M3J1E1A1,HIB,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000070492880,0.00001150701000
C1B1H1S1P7L2M3J1E1A2,HIB,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000012265260,0.00000082176380
C1B1H1S1P7L2M3J1E1A3,HIB,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000009734810,0.00001227217000
C1B1H1S1P7L2M3J1E2A1,HIB,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000070492880,0.00001150701000
C1B1H1S1P7L2M3J1E2A2,HIB,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000012265260,0.00000082176380
C1B1H1S1P7L2M3J1E2A3,HIB,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000009734810,0.00001227217000
C1B1H1S1P7L2M3J2E1A1,HIB,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000372293200,0.00013586030000
```

```
C1B1H1S1P7L2M3J2E1A2,HIB,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000067604090,0.00001472173000
C1B1H1S1P7L2M3J2E1A3,HIB,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000079571010,0.00020445280000
C1B1H1S1P7L2M3J2E2A1,HIB,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000372293200,0.00013586030000
C1B1H1S1P7L2M3J2E2A2,HIB,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000067604090,0.00001472173000
C1B1H1S1P7L2M3J2E2A3,HIB,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000079571010,0.00020445280000
C1B1H2S2P1L1M1J1E1A1,HIB,CL5S,12,4,6,12,340,12,10,MEPDG,64.3507100000000,0.00000000000000
C1B1H2S2P1L1M1J1E1A2,HIB,CL5S,12,4,6,12,340,12,10,MNAVG,52.0108200000000,0.00000000000000
C1B1H2S2P1L1M1J1E1A3,HIB,CL5S,12,4,6,12,340,12,10,MNHVY,90.9559100000000,0.00000000000000
C1B1H2S2P1L1M1J1E2A1,HIB,CL5S,12,4,6,12,340,12,40,MEPDG,39.0310700000000,0.00000000000000
C1B1H2S2P1L1M1J1E2A2,HIB,CL5S,12,4,6,12,340,12,40,MNAVG,30.1351200000000,0.00000000000000
C1B1H2S2P1L1M1J1E2A3,HIB,CL5S,12,4,6,12,340,12,40,MNHVY,53.8670900000000,0.00000000000000
C1B1H2S2P1L1M1J2E1A1,HIB,CL5S,12,4,6,12,340,15,10,MEPDG,82.0449200000000,0.00000000000009
C1B1H2S2P1L1M1J2E1A2,HIB,CL5S,12,4,6,12,340,15,10,MNAVG,69.2894200000000,0.00000000000001
C1B1H2S2P1L1M1J2E1A3,HIB,CL5S,12,4,6,12,340,15,10,MNHVY,123.2428000000000,0.00000000000014
C1B1H2S2P1L1M1J2E2A1,HIB,CL5S,12,4,6,12,340,15,40,MEPDG,51.4584900000000,0.00000000000006
C1B1H2S2P1L1M1J2E2A2,HIB,CL5S,12,4,6,12,340,15,40,MNAVG,41.9158700000000,0.00000000000001
C1B1H2S2P1L1M1J2E2A3,HIB,CL5S,12,4,6,12,340,15,40,MNHVY,76.2504300000000,0.00000000000010
C1B1H2S2P1L1M2J1E1A1,HIB,CL5S,12,4,6,12,590,12,10,MEPDG,8.45551100000000,0.00000000000024
C1B1H2S2P1L1M2J1E1A2,HIB,CL5S,12,4,6,12,590,12,10,MNAVG,5.78028900000000,0.00000000000001
C1B1H2S2P1L1M2J1E1A3,HIB,CL5S,12,4,6,12,590,12,10,MNHVY,10.2294400000000,0.00000000000015
C1B1H2S2P1L1M2J1E2A1,HIB,CL5S,12,4,6,12,590,12,40,MEPDG,4.54073000000000,0.00000000000014
C1B1H2S2P1L1M2J1E2A2,HIB,CL5S,12,4,6,12,590,12,40,MNAVG,3.03151900000000,0.00000000000001
C1B1H2S2P1L1M2J1E2A3,HIB,CL5S,12,4,6,12,590,12,40,MNHVY,5.33896700000000,0.00000000000011
C1B1H2S2P1L1M2J2E1A1,HIB,CL5S,12,4,6,12,590,15,10,MEPDG,16.3110900000000,0.00000000000149
C1B1H2S2P1L1M2J2E1A2,HIB,CL5S,12,4,6,12,590,15,10,MNAVG,12.8427400000000,0.00000000000014
C1B1H2S2P1L1M2J2E1A3,HIB,CL5S,12,4,6,12,590,15,10,MNHVY,23.9307300000000,0.00000000000183
C1B1H2S2P1L1M2J2E2A1,HIB,CL5S,12,4,6,12,590,15,40,MEPDG,9.54797800000000,0.00000000000088
C1B1H2S2P1L1M2J2E2A2,HIB,CL5S,12,4,6,12,590,15,40,MNAVG,7.48672500000000,0.00000000000010
C1B1H2S2P1L1M2J2E2A3,HIB,CL5S,12,4,6,12,590,15,40,MNHVY,13.9622600000000,0.00000000000122
C1B1H2S2P1L1M3J1E1A1,HIB,CL5S,12,4,6,12,840,12,10,MEPDG,1.22485600000000,0.00000000000056
C1B1H2S2P1L1M3J1E1A2,HIB,CL5S,12,4,6,12,840,12,10,MNAVG,0.64870110000000,0.00000000000003
C1B1H2S2P1L1M3J1E1A3,HIB,CL5S,12,4,6,12,840,12,10,MNHVY,1.13876200000000,0.00000000000037
C1B1H2S2P1L1M3J1E2A1,HIB,CL5S,12,4,6,12,840,12,40,MEPDG,0.57665660000000,0.00000000000012
C1B1H2S2P1L1M3J1E2A2,HIB,CL5S,12,4,6,12,840,12,40,MNAVG,0.30398680000000,0.00000000000001
C1B1H2S2P1L1M3J1E2A3,HIB,CL5S,12,4,6,12,840,12,40,MNHVY,0.51699550000000,0.00000000000008
C1B1H2S2P1L1M3J2E1A1,HIB,CL5S,12,4,6,12,840,15,10,MEPDG,3.53028700000000,0.00000000000550
C1B1H2S2P1L1M3J2E1A2,HIB,CL5S,12,4,6,12,840,15,10,MNAVG,2.38861300000000,0.00000000000045
C1B1H2S2P1L1M3J2E1A3,HIB,CL5S,12,4,6,12,840,15,10,MNHVY,4.81824300000000,0.00000000000637
C1B1H2S2P1L1M3J2E2A1,HIB,CL5S,12,4,6,12,840,15,40,MEPDG,1.85006400000000,0.00000000000238
C1B1H2S2P1L1M3J2E2A2,HIB,CL5S,12,4,6,12,840,15,40,MNAVG,1.27242600000000,0.00000000000021
C1B1H2S2P1L1M3J2E2A3,HIB,CL5S,12,4,6,12,840,15,40,MNHVY,2.50259000000000,0.00000000000294
C1B1H2S2P1L2M1J1E1A1,HIB,CL5S,12,4,6,13,340,12,10,MEPDG,10.0548200000000,0.00000000000000
C1B1H2S2P1L2M1J1E1A2,HIB,CL5S,12,4,6,13,340,12,10,MNAVG,7.53422800000000,0.00000000000000
C1B1H2S2P1L2M1J1E1A3,HIB,CL5S,12,4,6,13,340,12,10,MNHVY,13.6146100000000,0.00000000000000
C1B1H2S2P1L2M1J1E2A1,HIB,CL5S,12,4,6,13,340,12,40,MEPDG,10.0548200000000,0.00000000000000
C1B1H2S2P1L2M1J1E2A2,HIB,CL5S,12,4,6,13,340,12,40,MNAVG,7.53422800000000,0.00000000000000
C1B1H2S2P1L2M1J1E2A3,HIB,CL5S,12,4,6,13,340,12,40,MNHVY,13.6146100000000,0.00000000000000
C1B1H2S2P1L2M1J2E1A1,HIB,CL5S,12,4,6,13,340,15,10,MEPDG,13.7485700000000,0.00000000000003
C1B1H2S2P1L2M1J2E1A2,HIB,CL5S,12,4,6,13,340,15,10,MNAVG,10.9975400000000,0.00000000000001
C1B1H2S2P1L2M1J2E1A3,HIB,CL5S,12,4,6,13,340,15,10,MNHVY,20.1643600000000,0.00000000000006
```

```
C1B1H2S2P1L2M1J2E2A1,HIB,CL5S,12,4,6,13,340,15,40,MEPDG,13.74857000000000,0.00000000000003
C1B1H2S2P1L2M1J2E2A2,HIB,CL5S,12,4,6,13,340,15,40,MNAVG,10.99754000000000,0.00000000000001
C1B1H2S2P1L2M1J2E2A3,HIB,CL5S,12,4,6,13,340,15,40,MNHVY,20.16436000000000,0.00000000000006
C1B1H2S2P1L2M2J1E1A1,HIB,CL5S,12,4,6,13,590,12,10,MEPDG,1.12327300000000,0.00000000000005
C1B1H2S2P1L2M2J1E1A2,HIB,CL5S,12,4,6,13,590,12,10,MNAVG,0.73179000000000,0.00000000000000
C1B1H2S2P1L2M2J1E1A3,HIB,CL5S,12,4,6,13,590,12,10,MNHVY,1.30522100000000,0.00000000000004
C1B1H2S2P1L2M2J1E2A1,HIB,CL5S,12,4,6,13,590,12,40,MEPDG,1.12327300000000,0.00000000000005
C1B1H2S2P1L2M2J1E2A2,HIB,CL5S,12,4,6,13,590,12,40,MNAVG,0.73179000000000,0.00000000000000
C1B1H2S2P1L2M2J1E2A3,HIB,CL5S,12,4,6,13,590,12,40,MNHVY,1.30522100000000,0.00000000000004
C1B1H2S2P1L2M2J2E1A1,HIB,CL5S,12,4,6,13,590,15,10,MEPDG,2.60177600000000,0.00000000000042
C1B1H2S2P1L2M2J2E1A2,HIB,CL5S,12,4,6,13,590,15,10,MNAVG,2.04318800000000,0.00000000000005
C1B1H2S2P1L2M2J2E1A3,HIB,CL5S,12,4,6,13,590,15,10,MNHVY,3.84519000000000,0.00000000000064
C1B1H2S2P1L2M2J2E2A1,HIB,CL5S,12,4,6,13,590,15,40,MEPDG,2.60177600000000,0.00000000000042
C1B1H2S2P1L2M2J2E2A2,HIB,CL5S,12,4,6,13,590,15,40,MNAVG,2.04318800000000,0.00000000000005
C1B1H2S2P1L2M2J2E2A3,HIB,CL5S,12,4,6,13,590,15,40,MNHVY,3.84519000000000,0.00000000000064
C1B1H2S2P1L2M3J1E1A1,HIB,CL5S,12,4,6,13,840,12,10,MEPDG,0.13381810000000,0.00000000000006
C1B1H2S2P1L2M3J1E1A2,HIB,CL5S,12,4,6,13,840,12,10,MNAVG,0.06871469000000,0.00000000000000
C1B1H2S2P1L2M3J1E1A3,HIB,CL5S,12,4,6,13,840,12,10,MNHVY,0.11816130000000,0.00000000000005
C1B1H2S2P1L2M3J1E2A1,HIB,CL5S,12,4,6,13,840,12,40,MEPDG,0.13381810000000,0.00000000000006
C1B1H2S2P1L2M3J1E2A2,HIB,CL5S,12,4,6,13,840,12,40,MNAVG,0.06871469000000,0.00000000000000
C1B1H2S2P1L2M3J1E2A3,HIB,CL5S,12,4,6,13,840,12,40,MNHVY,0.11816130000000,0.00000000000005
C1B1H2S2P1L2M3J2E1A1,HIB,CL5S,12,4,6,13,840,15,10,MEPDG,0.48403050000000,0.00000000000086
C1B1H2S2P1L2M3J2E1A2,HIB,CL5S,12,4,6,13,840,15,10,MNAVG,0.33309500000000,0.00000000000008
C1B1H2S2P1L2M3J2E1A3,HIB,CL5S,12,4,6,13,840,15,10,MNHVY,0.66377710000000,0.00000000000113
C1B1H2S2P1L2M3J2E2A1,HIB,CL5S,12,4,6,13,840,15,40,MEPDG,0.48403050000000,0.00000000000086
C1B1H2S2P1L2M3J2E2A2,HIB,CL5S,12,4,6,13,840,15,40,MNAVG,0.33309500000000,0.00000000000008
C1B1H2S2P1L2M3J2E2A3,HIB,CL5S,12,4,6,13,840,15,40,MNHVY,0.66377710000000,0.00000000000113
C1B1H2S2P2L1M1J1E1A1,HIB,CL5S,12,4,7,12,340,12,10,MEPDG,37.86724000000000,0.00000000000139
C1B1H2S2P2L1M1J1E1A2,HIB,CL5S,12,4,7,12,340,12,10,MNAVG,29.34287000000000,0.00000000000009
C1B1H2S2P2L1M1J1E1A3,HIB,CL5S,12,4,7,12,340,12,10,MNHVY,53.56174000000000,0.00000000000124
C1B1H2S2P2L1M1J1E2A1,HIB,CL5S,12,4,7,12,340,12,40,MEPDG,22.03023000000000,0.00000000000052
C1B1H2S2P2L1M1J1E2A2,HIB,CL5S,12,4,7,12,340,12,40,MNAVG,16.75105000000000,0.00000000000004
C1B1H2S2P2L1M1J1E2A3,HIB,CL5S,12,4,7,12,340,12,40,MNHVY,30.56181000000000,0.00000000000053
C1B1H2S2P2L1M1J2E1A1,HIB,CL5S,12,4,7,12,340,15,10,MEPDG,66.31220000000000,0.00000000002184
C1B1H2S2P2L1M1J2E1A2,HIB,CL5S,12,4,7,12,340,15,10,MNAVG,56.65335000000000,0.00000000000290
C1B1H2S2P2L1M1J2E1A3,HIB,CL5S,12,4,7,12,340,15,10,MNHVY,106.18300000000000,0.00000000003365
C1B1H2S2P2L1M1J2E2A1,HIB,CL5S,12,4,7,12,340,15,40,MEPDG,41.62088000000000,0.00000000000534
C1B1H2S2P2L1M1J2E2A2,HIB,CL5S,12,4,7,12,340,15,40,MNAVG,35.41625000000000,0.00000000000078
C1B1H2S2P2L1M1J2E2A3,HIB,CL5S,12,4,7,12,340,15,40,MNHVY,66.50960000000000,0.00000000000866
C1B1H2S2P2L1M2J1E1A1,HIB,CL5S,12,4,7,12,590,12,10,MEPDG,2.49206600000000,0.00010917970000
C1B1H2S2P2L1M2J1E1A2,HIB,CL5S,12,4,7,12,590,12,10,MNAVG,1.35504500000000,0.00002008530000
C1B1H2S2P2L1M2J1E1A3,HIB,CL5S,12,4,7,12,590,12,10,MNHVY,2.49640600000000,0.00021025660000
C1B1H2S2P2L1M2J1E2A1,HIB,CL5S,12,4,7,12,590,12,40,MEPDG,1.22085600000000,0.00014273710000
C1B1H2S2P2L1M2J1E2A2,HIB,CL5S,12,4,7,12,590,12,40,MNAVG,0.66794160000000,0.00002417989000
C1B1H2S2P2L1M2J1E2A3,HIB,CL5S,12,4,7,12,590,12,40,MNHVY,1.19281400000000,0.00026342410000
C1B1H2S2P2L1M2J2E1A1,HIB,CL5S,12,4,7,12,590,15,10,MEPDG,7.90204500000000,0.00000000013358
C1B1H2S2P2L1M2J2E1A2,HIB,CL5S,12,4,7,12,590,15,10,MNAVG,5.46290400000000,0.00000000001269
C1B1H2S2P2L1M2J2E1A3,HIB,CL5S,12,4,7,12,590,15,10,MNHVY,11.36612000000000,0.00000000017127
C1B1H2S2P2L1M2J2E2A1,HIB,CL5S,12,4,7,12,590,15,40,MEPDG,4.27557100000000,0.00000000007138
C1B1H2S2P2L1M2J2E2A2,HIB,CL5S,12,4,7,12,590,15,40,MNAVG,3.03352200000000,0.00000000000757
```

```
C1B1H2S2P2L1M2J2E2A3,HIB,CL5S,12,4,7,12,590,15,40,MNHVY,6.10923700000000,0.00000000009879
C1B1H2S2P2L1M3J1E1A1,HIB,CL5S,12,4,7,12,840,12,10,MEPDG,0.25597160000000,0.00013928930000
C1B1H2S2P2L1M3J1E1A2,HIB,CL5S,12,4,7,12,840,12,10,MNAVG,0.09835473000000,0.00001957684000
C1B1H2S2P2L1M3J1E1A3,HIB,CL5S,12,4,7,12,840,12,10,MNHVY,0.18300410000000,0.00023429450000
C1B1H2S2P2L1M3J1E2A1,HIB,CL5S,12,4,7,12,840,12,40,MEPDG,0.10271870000000,0.00010117640000
C1B1H2S2P2L1M3J1E2A2,HIB,CL5S,12,4,7,12,840,12,40,MNAVG,0.04056780000000,0.00001215205000
C1B1H2S2P2L1M3J1E2A3,HIB,CL5S,12,4,7,12,840,12,40,MNHVY,0.06896109000000,0.00015294930000
C1B1H2S2P2L1M3J2E1A1,HIB,CL5S,12,4,7,12,840,15,10,MEPDG,1.30695700000000,0.00013887310000
C1B1H2S2P2L1M3J2E1A2,HIB,CL5S,12,4,7,12,840,15,10,MNAVG,0.69307180000000,0.00002569963000
C1B1H2S2P2L1M3J2E1A3,HIB,CL5S,12,4,7,12,840,15,10,MNHVY,1.66746700000000,0.00027266830000
C1B1H2S2P2L1M3J2E2A1,HIB,CL5S,12,4,7,12,840,15,40,MEPDG,0.60724140000000,0.00021562250000
C1B1H2S2P2L1M3J2E2A2,HIB,CL5S,12,4,7,12,840,15,40,MNAVG,0.33772430000000,0.00003699544000
C1B1H2S2P2L1M3J2E2A3,HIB,CL5S,12,4,7,12,840,15,40,MNHVY,0.75816170000000,0.00040677630000
C1B1H2S2P2L2M1J1E1A1,HIB,CL5S,12,4,7,13,340,12,10,MEPDG,5.76954600000000,0.00000000000025
C1B1H2S2P2L2M1J1E1A2,HIB,CL5S,12,4,7,13,340,12,10,MNAVG,4.31641100000000,0.00000000000002
C1B1H2S2P2L2M1J1E1A3,HIB,CL5S,12,4,7,13,340,12,10,MNHVY,7.92935600000000,0.00000000000029
C1B1H2S2P2L2M1J1E2A1,HIB,CL5S,12,4,7,13,340,12,40,MEPDG,5.76954600000000,0.00000000000025
C1B1H2S2P2L2M1J1E2A2,HIB,CL5S,12,4,7,13,340,12,40,MNAVG,4.31641100000000,0.00000000000002
C1B1H2S2P2L2M1J1E2A3,HIB,CL5S,12,4,7,13,340,12,40,MNHVY,7.92935600000000,0.00000000000029
C1B1H2S2P2L2M1J2E1A1,HIB,CL5S,12,4,7,13,340,15,10,MEPDG,11.99267000000000,0.00000000001016
C1B1H2S2P2L2M1J2E1A2,HIB,CL5S,12,4,7,13,340,15,10,MNAVG,10.24767000000000,0.00000000000170
C1B1H2S2P2L2M1J2E1A3,HIB,CL5S,12,4,7,13,340,15,10,MNHVY,19.28305000000000,0.00000000001792
C1B1H2S2P2L2M1J2E2A1,HIB,CL5S,12,4,7,13,340,15,40,MEPDG,11.99267000000000,0.00000000001016
C1B1H2S2P2L2M1J2E2A2,HIB,CL5S,12,4,7,13,340,15,40,MNAVG,10.24767000000000,0.00000000000170
C1B1H2S2P2L2M1J2E2A3,HIB,CL5S,12,4,7,13,340,15,40,MNHVY,19.28305000000000,0.00000000001792
C1B1H2S2P2L2M2J1E1A1,HIB,CL5S,12,4,7,13,590,12,10,MEPDG,0.29105290000000,0.00008136532000
C1B1H2S2P2L2M2J1E1A2,HIB,CL5S,12,4,7,13,590,12,10,MNAVG,0.15609080000000,0.00001393215000
C1B1H2S2P2L2M2J1E1A3,HIB,CL5S,12,4,7,13,590,12,10,MNHVY,0.28060530000000,0.00015037900000
C1B1H2S2P2L2M2J1E2A1,HIB,CL5S,12,4,7,13,590,12,40,MEPDG,0.29105290000000,0.00008136532000
C1B1H2S2P2L2M2J1E2A2,HIB,CL5S,12,4,7,13,590,12,40,MNAVG,0.15609080000000,0.00001393215000
C1B1H2S2P2L2M2J1E2A3,HIB,CL5S,12,4,7,13,590,12,40,MNHVY,0.28060530000000,0.00015037900000
C1B1H2S2P2L2M2J2E1A1,HIB,CL5S,12,4,7,13,590,15,10,MEPDG,1.16958000000000,0.00000000003350
C1B1H2S2P2L2M2J2E1A2,HIB,CL5S,12,4,7,13,590,15,10,MNAVG,0.83522400000000,0.00000000000389
C1B1H2S2P2L2M2J2E1A3,HIB,CL5S,12,4,7,13,590,15,10,MNHVY,1.69481800000000,0.00000000004929
C1B1H2S2P2L2M2J2E2A1,HIB,CL5S,12,4,7,13,590,15,40,MEPDG,1.16958000000000,0.00000000003350
C1B1H2S2P2L2M2J2E2A2,HIB,CL5S,12,4,7,13,590,15,40,MNAVG,0.83522400000000,0.00000000000389
C1B1H2S2P2L2M2J2E2A3,HIB,CL5S,12,4,7,13,590,15,40,MNHVY,1.69481800000000,0.00000000004929
C1B1H2S2P2L2M3J1E1A1,HIB,CL5S,12,4,7,13,840,12,10,MEPDG,0.02301268000000,0.00004738768000
C1B1H2S2P2L2M3J1E1A2,HIB,CL5S,12,4,7,13,840,12,10,MNAVG,0.00894275200000,0.00000558251600
C1B1H2S2P2L2M3J1E1A3,HIB,CL5S,12,4,7,13,840,12,10,MNHVY,0.01546753000000,0.00007025350000
C1B1H2S2P2L2M3J1E2A1,HIB,CL5S,12,4,7,13,840,12,40,MEPDG,0.02301268000000,0.00004738768000
C1B1H2S2P2L2M3J1E2A2,HIB,CL5S,12,4,7,13,840,12,40,MNAVG,0.00894275200000,0.00000558251600
C1B1H2S2P2L2M3J1E2A3,HIB,CL5S,12,4,7,13,840,12,40,MNHVY,0.01546753000000,0.00007025350000
C1B1H2S2P2L2M3J2E1A1,HIB,CL5S,12,4,7,13,840,15,10,MEPDG,0.15555970000000,0.00011749410000
C1B1H2S2P2L2M3J2E1A2,HIB,CL5S,12,4,7,13,840,15,10,MNAVG,0.08651840000000,0.00001999562000
C1B1H2S2P2L2M3J2E1A3,HIB,CL5S,12,4,7,13,840,15,10,MNHVY,0.19664650000000,0.00022021550000
C1B1H2S2P2L2M3J2E2A1,HIB,CL5S,12,4,7,13,840,15,40,MEPDG,0.15555970000000,0.00011749410000
C1B1H2S2P2L2M3J2E2A2,HIB,CL5S,12,4,7,13,840,15,40,MNAVG,0.08651840000000,0.00001999562000
C1B1H2S2P2L2M3J2E2A3,HIB,CL5S,12,4,7,13,840,15,40,MNHVY,0.19664650000000,0.00022021550000
C1B1H2S2P3L1M1J1E1A1,HIB,CL5S,12,4,8,12,340,12,10,MEPDG,13.81008000000000,0.00143353900000
```

```
C1B1H2S2P3L1M1J1E1A2,HIB,CL5S,12,4,8,12,340,12,10,MNAVG,9.04004200000000,0.00030823890000
C1B1H2S2P3L1M1J1E1A3,HIB,CL5S,12,4,8,12,340,12,10,MNHVY,16.75067000000000,0.00293495600000
C1B1H2S2P3L1M1J1E2A1,HIB,CL5S,12,4,8,12,340,12,40,MEPDG,7.32670300000000,0.00084085940000
C1B1H2S2P3L1M1J1E2A2,HIB,CL5S,12,4,8,12,340,12,40,MNAVG,4.79102300000000,0.00017532740000
C1B1H2S2P3L1M1J1E2A3,HIB,CL5S,12,4,8,12,340,12,40,MNHVY,8.61316100000000,0.00169813800000
C1B1H2S2P3L1M1J2E1A1,HIB,CL5S,12,4,8,12,340,15,10,MEPDG,32.80228000000000,0.00000000320568
C1B1H2S2P3L1M1J2E1A2,HIB,CL5S,12,4,8,12,340,15,10,MNAVG,25.39691000000000,0.00000000039138
C1B1H2S2P3L1M1J2E1A3,HIB,CL5S,12,4,8,12,340,15,10,MNHVY,49.85535000000000,0.00000000475192
C1B1H2S2P3L1M1J2E2A1,HIB,CL5S,12,4,8,12,340,15,40,MEPDG,19.32388000000000,0.00000000255110
C1B1H2S2P3L1M1J2E2A2,HIB,CL5S,12,4,8,12,340,15,40,MNAVG,15.22491000000000,0.00000000035385
C1B1H2S2P3L1M1J2E2A3,HIB,CL5S,12,4,8,12,340,15,40,MNHVY,29.26646000000000,0.00000000409825
C1B1H2S2P3L1M2J1E1A1,HIB,CL5S,12,4,8,12,590,12,10,MEPDG,0.54360540000000,0.00072750120000
C1B1H2S2P3L1M2J1E1A2,HIB,CL5S,12,4,8,12,590,12,10,MNAVG,0.21785080000000,0.00013191470000
C1B1H2S2P3L1M2J1E1A3,HIB,CL5S,12,4,8,12,590,12,10,MNHVY,0.39665870000000,0.00141360500000
C1B1H2S2P3L1M2J1E2A1,HIB,CL5S,12,4,8,12,590,12,40,MEPDG,0.22762720000000,0.00054630790000
C1B1H2S2P3L1M2J1E2A2,HIB,CL5S,12,4,8,12,590,12,40,MNAVG,0.09408182000000,0.00009188927000
C1B1H2S2P3L1M2J1E2A3,HIB,CL5S,12,4,8,12,590,12,40,MNHVY,0.15721880000000,0.00101851000000
C1B1H2S2P3L1M2J2E1A1,HIB,CL5S,12,4,8,12,590,15,10,MEPDG,2.54943400000000,0.00138393600000
C1B1H2S2P3L1M2J2E1A2,HIB,CL5S,12,4,8,12,590,15,10,MNAVG,1.41430900000000,0.00029709800000
C1B1H2S2P3L1M2J2E1A3,HIB,CL5S,12,4,8,12,590,15,10,MNHVY,3.19365700000000,0.00285551000000
C1B1H2S2P3L1M2J2E2A1,HIB,CL5S,12,4,8,12,590,15,40,MEPDG,1.23371200000000,0.00133467900000
C1B1H2S2P3L1M2J2E2A2,HIB,CL5S,12,4,8,12,590,15,40,MNAVG,0.71962730000000,0.00027622520000
C1B1H2S2P3L1M2J2E2A3,HIB,CL5S,12,4,8,12,590,15,40,MNHVY,1.52241900000000,0.00271281000000
C1B1H2S2P3L1M3J1E1A1,HIB,CL5S,12,4,8,12,840,12,10,MEPDG,0.03546833000000,0.00021849380000
C1B1H2S2P3L1M3J1E1A2,HIB,CL5S,12,4,8,12,840,12,10,MNAVG,0.00972537100000,0.00002971781000
C1B1H2S2P3L1M3J1E1A3,HIB,CL5S,12,4,8,12,840,12,10,MNHVY,0.01639255000000,0.00036198820000
C1B1H2S2P3L1M3J1E2A1,HIB,CL5S,12,4,8,12,840,12,40,MEPDG,0.01202943000000,0.00015200650000
C1B1H2S2P3L1M3J1E2A2,HIB,CL5S,12,4,8,12,840,12,40,MNAVG,0.00357049000000,0.00001775717000
C1B1H2S2P3L1M3J1E2A3,HIB,CL5S,12,4,8,12,840,12,40,MNHVY,0.00527450000000,0.00022537110000
C1B1H2S2P3L1M3J2E1A1,HIB,CL5S,12,4,8,12,840,15,10,MEPDG,0.27870970000000,0.00087169810000
C1B1H2S2P3L1M3J2E1A2,HIB,CL5S,12,4,8,12,840,15,10,MNAVG,0.10576460000000,0.00015563110000
C1B1H2S2P3L1M3J2E1A3,HIB,CL5S,12,4,8,12,840,15,10,MNHVY,0.27717030000000,0.00171178700000
C1B1H2S2P3L1M3J2E2A1,HIB,CL5S,12,4,8,12,840,15,40,MEPDG,0.11319670000000,0.00068028210000
C1B1H2S2P3L1M3J2E2A2,HIB,CL5S,12,4,8,12,840,15,40,MNAVG,0.04642813000000,0.00011166170000
C1B1H2S2P3L1M3J2E2A3,HIB,CL5S,12,4,8,12,840,15,40,MNHVY,0.10981010000000,0.00127408800000
C1B1H2S2P3L2M1J1E1A1,HIB,CL5S,12,4,8,13,340,12,10,MEPDG,1.83521600000000,0.00045463480000
C1B1H2S2P3L2M1J1E1A2,HIB,CL5S,12,4,8,13,340,12,10,MNAVG,1.17958400000000,0.00009672087000
C1B1H2S2P3L2M1J1E1A3,HIB,CL5S,12,4,8,13,340,12,10,MNHVY,2.12284800000000,0.00092006340000
C1B1H2S2P3L2M1J1E2A1,HIB,CL5S,12,4,8,13,340,12,40,MEPDG,1.83521600000000,0.00045463480000
C1B1H2S2P3L2M1J1E2A2,HIB,CL5S,12,4,8,13,340,12,40,MNAVG,1.17958400000000,0.00009672087000
C1B1H2S2P3L2M1J1E2A3,HIB,CL5S,12,4,8,13,340,12,40,MNHVY,2.12284800000000,0.00092006340000
C1B1H2S2P3L2M1J2E1A1,HIB,CL5S,12,4,8,13,340,15,10,MEPDG,5.47685200000000,0.00111800200000
C1B1H2S2P3L2M1J2E1A2,HIB,CL5S,12,4,8,13,340,15,10,MNAVG,4.35039000000000,0.00026817030000
C1B1H2S2P3L2M1J2E1A3,HIB,CL5S,12,4,8,13,340,15,10,MNHVY,8.34789000000000,0.00227831600000
C1B1H2S2P3L2M1J2E2A1,HIB,CL5S,12,4,8,13,340,15,40,MEPDG,5.47685200000000,0.00111800200000
C1B1H2S2P3L2M1J2E2A2,HIB,CL5S,12,4,8,13,340,15,40,MNAVG,4.35039000000000,0.00026817030000
C1B1H2S2P3L2M1J2E2A3,HIB,CL5S,12,4,8,13,340,15,40,MNHVY,8.34789000000000,0.00227831600000
C1B1H2S2P3L2M2J1E1A1,HIB,CL5S,12,4,8,13,590,12,10,MEPDG,0.05070115000000,0.00027616120000
C1B1H2S2P3L2M2J1E1A2,HIB,CL5S,12,4,8,13,590,12,10,MNAVG,0.02068345000000,0.00004682698000
C1B1H2S2P3L2M2J1E1A3,HIB,CL5S,12,4,8,13,590,12,10,MNHVY,0.03426535000000,0.00051447070000
```

```
C1B1H2S2P3L2M2J1E2A1,HIB,CL5S,12,4,8,13,590,12,40,MEPDG,0.05070115000000,0.00027616120000
C1B1H2S2P3L2M2J1E2A2,HIB,CL5S,12,4,8,13,590,12,40,MNAVG,0.02068345000000,0.00004682698000
C1B1H2S2P3L2M2J1E2A3,HIB,CL5S,12,4,8,13,590,12,40,MNHVY,0.03426535000000,0.00051447070000
C1B1H2S2P3L2M2J2E1A1,HIB,CL5S,12,4,8,13,590,15,10,MEPDG,0.31925500000000,0.00078524840000
C1B1H2S2P3L2M2J2E1A2,HIB,CL5S,12,4,8,13,590,15,10,MNAVG,0.18749580000000,0.00016425510000
C1B1H2S2P3L2M2J2E1A3,HIB,CL5S,12,4,8,13,590,15,10,MNHVY,0.39691480000000,0.00159548400000
C1B1H2S2P3L2M2J2E2A1,HIB,CL5S,12,4,8,13,590,15,40,MEPDG,0.31925500000000,0.00078524840000
C1B1H2S2P3L2M2J2E2A2,HIB,CL5S,12,4,8,13,590,15,40,MNAVG,0.18749580000000,0.00016425510000
C1B1H2S2P3L2M2J2E2A3,HIB,CL5S,12,4,8,13,590,15,40,MNHVY,0.39691480000000,0.00159548400000
C1B1H2S2P3L2M3J1E1A1,HIB,CL5S,12,4,8,13,840,12,10,MEPDG,0.00243127000000,0.00006926650000
C1B1H2S2P3L2M3J1E1A2,HIB,CL5S,12,4,8,13,840,12,10,MNAVG,0.00072481770000,0.00000791335900
C1B1H2S2P3L2M3J1E1A3,HIB,CL5S,12,4,8,13,840,12,10,MNHVY,0.00104151700000,0.00010050180000
C1B1H2S2P3L2M3J1E2A1,HIB,CL5S,12,4,8,13,840,12,40,MEPDG,0.00243127000000,0.00006926650000
C1B1H2S2P3L2M3J1E2A2,HIB,CL5S,12,4,8,13,840,12,40,MNAVG,0.00072481770000,0.00000791335900
C1B1H2S2P3L2M3J1E2A3,HIB,CL5S,12,4,8,13,840,12,40,MNHVY,0.00104151700000,0.00010050180000
C1B1H2S2P3L2M3J2E1A1,HIB,CL5S,12,4,8,13,840,15,10,MEPDG,0.02691621000000,0.00036432240000
C1B1H2S2P3L2M3J2E1A2,HIB,CL5S,12,4,8,13,840,15,10,MNAVG,0.01105052000000,0.00005950943000
C1B1H2S2P3L2M3J2E1A3,HIB,CL5S,12,4,8,13,840,15,10,MNHVY,0.02623564000000,0.00067786800000
C1B1H2S2P3L2M3J2E2A1,HIB,CL5S,12,4,8,13,840,15,40,MEPDG,0.02691621000000,0.00036432240000
C1B1H2S2P3L2M3J2E2A2,HIB,CL5S,12,4,8,13,840,15,40,MNAVG,0.01105052000000,0.00005950943000
C1B1H2S2P3L2M3J2E2A3,HIB,CL5S,12,4,8,13,840,15,40,MNHVY,0.02623564000000,0.00067786800000
C1B1H2S2P4L1M1J1E1A1,HIB,CL5S,12,4,9,12,340,12,10,MEPDG,4.58890400000000,0.00501147900000
C1B1H2S2P4L1M1J1E1A2,HIB,CL5S,12,4,9,12,340,12,10,MNAVG,2.41694400000000,0.00102901500000
C1B1H2S2P4L1M1J1E1A3,HIB,CL5S,12,4,9,12,340,12,10,MNHVY,4.53422600000000,0.01031761000000
C1B1H2S2P4L1M1J1E2A1,HIB,CL5S,12,4,9,12,340,12,40,MEPDG,2.20121500000000,0.00375747300000
C1B1H2S2P4L1M1J1E2A2,HIB,CL5S,12,4,9,12,340,12,40,MNAVG,1.17879300000000,0.00075082150000
C1B1H2S2P4L1M1J1E2A3,HIB,CL5S,12,4,9,12,340,12,40,MNHVY,2.07661400000000,0.00761392200000
C1B1H2S2P4L1M1J2E1A1,HIB,CL5S,12,4,9,12,340,15,10,MEPDG,14.88658000000000,0.00702041900000
C1B1H2S2P4L1M1J2E1A2,HIB,CL5S,12,4,9,12,340,15,10,MNAVG,10.07637000000000,0.00162497400000
C1B1H2S2P4L1M1J2E1A3,HIB,CL5S,12,4,9,12,340,15,10,MNHVY,20.99907000000000,0.01461552000000
C1B1H2S2P4L1M1J2E2A1,HIB,CL5S,12,4,9,12,340,15,40,MEPDG,8.15228200000000,0.00564894200000
C1B1H2S2P4L1M1J2E2A2,HIB,CL5S,12,4,9,12,340,15,40,MNAVG,5.72963700000000,0.00129464800000
C1B1H2S2P4L1M1J2E2A3,HIB,CL5S,12,4,9,12,340,15,40,MNHVY,11.42482000000000,0.01167342000000
C1B1H2S2P4L1M2J1E1A1,HIB,CL5S,12,4,9,12,590,12,10,MEPDG,0.10179660000000,0.00133653700000
C1B1H2S2P4L1M2J1E1A2,HIB,CL5S,12,4,9,12,590,12,10,MNAVG,0.02980179000000,0.00022254010000
C1B1H2S2P4L1M2J1E1A3,HIB,CL5S,12,4,9,12,590,12,10,MNHVY,0.04930539000000,0.00253830400000
C1B1H2S2P4L1M2J1E2A1,HIB,CL5S,12,4,9,12,590,12,40,MEPDG,0.03733478000000,0.00089052300000
C1B1H2S2P4L1M2J1E2A2,HIB,CL5S,12,4,9,12,590,12,40,MNAVG,0.01174706000000,0.00013888950000
C1B1H2S2P4L1M2J1E2A3,HIB,CL5S,12,4,9,12,590,12,40,MNHVY,0.01744356000000,0.00161569800000
C1B1H2S2P4L1M2J2E1A1,HIB,CL5S,12,4,9,12,590,15,10,MEPDG,0.71669090000000,0.00438250000000
C1B1H2S2P4L1M2J2E1A2,HIB,CL5S,12,4,9,12,590,15,10,MNAVG,0.30469680000000,0.00089230530000
C1B1H2S2P4L1M2J2E1A3,HIB,CL5S,12,4,9,12,590,15,10,MNHVY,0.74595480000000,0.00907228900000
C1B1H2S2P4L1M2J2E2A1,HIB,CL5S,12,4,9,12,590,15,40,MEPDG,0.30758040000000,0.00310728900000
C1B1H2S2P4L1M2J2E2A2,HIB,CL5S,12,4,9,12,590,15,40,MNAVG,0.14093100000000,0.00061319630000
C1B1H2S2P4L1M2J2E2A3,HIB,CL5S,12,4,9,12,590,15,40,MNHVY,0.31220010000000,0.00632167100000
C1B1H2S2P4L1M3J1E1A1,HIB,CL5S,12,4,9,12,840,12,10,MEPDG,0.00448770500000,0.00017576890000
C1B1H2S2P4L1M3J1E1A2,HIB,CL5S,12,4,9,12,840,12,10,MNAVG,0.00097787930000,0.00002106126000
C1B1H2S2P4L1M3J1E1A3,HIB,CL5S,12,4,9,12,840,12,10,MNHVY,0.00136531900000,0.00027031390000
C1B1H2S2P4L1M3J1E2A1,HIB,CL5S,12,4,9,12,840,12,40,MEPDG,0.00149537900000,0.00012303380000
C1B1H2S2P4L1M3J1E2A2,HIB,CL5S,12,4,9,12,840,12,40,MNAVG,0.00036374620000,0.00001275840000
```

```
C1B1H2S2P4L1M3J1E2A3,HIB,CL5S,12,4,9,12,840,12,40,MNHVY,0.00052092410000,0.00016804400000
C1B1H2S2P4L1M3J2E1A1,HIB,CL5S,12,4,9,12,840,15,10,MEPDG,0.04997961000000,0.00117801200000
C1B1H2S2P4L1M3J2E1A2,HIB,CL5S,12,4,9,12,840,15,10,MNAVG,0.01335932000000,0.00019387460000
C1B1H2S2P4L1M3J2E1A3,HIB,CL5S,12,4,9,12,840,15,10,MNHVY,0.03693207000000,0.00225292900000
C1B1H2S2P4L1M3J2E2A1,HIB,CL5S,12,4,9,12,840,15,40,MEPDG,0.01746108000000,0.00080325400000
C1B1H2S2P4L1M3J2E2A2,HIB,CL5S,12,4,9,12,840,15,40,MNAVG,0.00519919700000,0.00012190480000
C1B1H2S2P4L1M3J2E2A3,HIB,CL5S,12,4,9,12,840,15,40,MNHVY,0.01240351000000,0.00145720200000
C1B1H2S2P4L2M1J1E1A1,HIB,CL5S,12,4,9,13,340,12,10,MEPDG,0.52526510000000,0.00208093400000
C1B1H2S2P4L2M1J1E1A2,HIB,CL5S,12,4,9,13,340,12,10,MNAVG,0.27673040000000,0.00042176850000
C1B1H2S2P4L2M1J1E1A3,HIB,CL5S,12,4,9,13,340,12,10,MNHVY,0.48384050000000,0.00422541000000
C1B1H2S2P4L2M1J1E2A1,HIB,CL5S,12,4,9,13,340,12,40,MEPDG,0.52526510000000,0.00208093400000
C1B1H2S2P4L2M1J1E2A2,HIB,CL5S,12,4,9,13,340,12,40,MNAVG,0.27673040000000,0.00042176850000
C1B1H2S2P4L2M1J1E2A3,HIB,CL5S,12,4,9,13,340,12,40,MNHVY,0.48384050000000,0.00422541000000
C1B1H2S2P4L2M1J2E1A1,HIB,CL5S,12,4,9,13,340,15,10,MEPDG,2.25061600000000,0.00358542200000
C1B1H2S2P4L2M1J2E1A2,HIB,CL5S,12,4,9,13,340,15,10,MNAVG,1.59898900000000,0.00083410420000
C1B1H2S2P4L2M1J2E1A3,HIB,CL5S,12,4,9,13,340,15,10,MNHVY,3.17206600000000,0.00739615200000
C1B1H2S2P4L2M1J2E2A1,HIB,CL5S,12,4,9,13,340,15,40,MEPDG,2.25061600000000,0.00358542200000
C1B1H2S2P4L2M1J2E2A2,HIB,CL5S,12,4,9,13,340,15,40,MNAVG,1.59898900000000,0.00083410420000
C1B1H2S2P4L2M1J2E2A3,HIB,CL5S,12,4,9,13,340,15,40,MNHVY,3.17206600000000,0.00739615200000
C1B1H2S2P4L2M2J1E1A1,HIB,CL5S,12,4,9,13,590,12,10,MEPDG,0.00777435000000,0.00042236980000
C1B1H2S2P4L2M2J1E1A2,HIB,CL5S,12,4,9,13,590,12,10,MNAVG,0.00245369200000,0.00006614672000
C1B1H2S2P4L2M2J1E1A3,HIB,CL5S,12,4,9,13,590,12,10,MNHVY,0.00355815900000,0.00076500660000
C1B1H2S2P4L2M2J1E2A1,HIB,CL5S,12,4,9,13,590,12,40,MEPDG,0.00777435000000,0.00042236980000
C1B1H2S2P4L2M2J1E2A2,HIB,CL5S,12,4,9,13,590,12,40,MNAVG,0.00245369200000,0.00006614672000
C1B1H2S2P4L2M2J1E2A3,HIB,CL5S,12,4,9,13,590,12,40,MNHVY,0.00355815900000,0.00076500660000
C1B1H2S2P4L2M2J2E1A1,HIB,CL5S,12,4,9,13,590,15,10,MEPDG,0.07537425000000,0.00176377300000
C1B1H2S2P4L2M2J2E1A2,HIB,CL5S,12,4,9,13,590,15,10,MNAVG,0.03487064000000,0.00035217540000
C1B1H2S2P4L2M2J2E1A3,HIB,CL5S,12,4,9,13,590,15,10,MNHVY,0.07722303000000,0.00358692200000
C1B1H2S2P4L2M2J2E2A1,HIB,CL5S,12,4,9,13,590,15,40,MEPDG,0.07537425000000,0.00176377300000
C1B1H2S2P4L2M2J2E2A2,HIB,CL5S,12,4,9,13,590,15,40,MNAVG,0.03487064000000,0.00035217540000
C1B1H2S2P4L2M2J2E2A3,HIB,CL5S,12,4,9,13,590,15,40,MNHVY,0.07722303000000,0.00358692200000
C1B1H2S2P4L2M3J1E1A1,HIB,CL5S,12,4,9,13,840,12,10,MEPDG,0.00028961580000,0.00005411439000
C1B1H2S2P4L2M3J1E1A2,HIB,CL5S,12,4,9,13,840,12,10,MNAVG,0.00007159078000,0.00000545331600
C1B1H2S2P4L2M3J1E1A3,HIB,CL5S,12,4,9,13,840,12,10,MNHVY,0.00010063270000,0.00007193910000
C1B1H2S2P4L2M3J1E2A1,HIB,CL5S,12,4,9,13,840,12,40,MEPDG,0.00028961580000,0.00005411439000
C1B1H2S2P4L2M3J1E2A2,HIB,CL5S,12,4,9,13,840,12,40,MNAVG,0.00007159078000,0.00000545331600
C1B1H2S2P4L2M3J1E2A3,HIB,CL5S,12,4,9,13,840,12,40,MNHVY,0.00010063270000,0.00007193910000
C1B1H2S2P4L2M3J2E1A1,HIB,CL5S,12,4,9,13,840,15,10,MEPDG,0.00361713700000,0.00042598830000
C1B1H2S2P4L2M3J2E1A2,HIB,CL5S,12,4,9,13,840,15,10,MNAVG,0.00108923000000,0.00006419642000
C1B1H2S2P4L2M3J2E1A3,HIB,CL5S,12,4,9,13,840,15,10,MNHVY,0.00244571900000,0.00076599190000
C1B1H2S2P4L2M3J2E2A1,HIB,CL5S,12,4,9,13,840,15,40,MEPDG,0.00361713700000,0.00042598830000
C1B1H2S2P4L2M3J2E2A2,HIB,CL5S,12,4,9,13,840,15,40,MNAVG,0.00108923000000,0.00006419642000
C1B1H2S2P4L2M3J2E2A3,HIB,CL5S,12,4,9,13,840,15,40,MNHVY,0.00244571900000,0.00076599190000
C1B1H2S2P5L1M1J1E1A1,HIB,CL5S,12,4,10,12,340,12,10,MEPDG,1.29444000000000,0.01200070000000
C1B1H2S2P5L1M1J1E1A2,HIB,CL5S,12,4,10,12,340,12,10,MNAVG,0.52233330000000,0.00226226400000
C1B1H2S2P5L1M1J1E1A3,HIB,CL5S,12,4,10,12,340,12,10,MNHVY,0.94680800000000,0.02452914000000
C1B1H2S2P5L1M1J1E2A1,HIB,CL5S,12,4,10,12,340,12,40,MEPDG,0.55738960000000,0.00859981500000
C1B1H2S2P5L1M1J1E2A2,HIB,CL5S,12,4,10,12,340,12,40,MNAVG,0.23304260000000,0.00159177200000
C1B1H2S2P5L1M1J1E2A3,HIB,CL5S,12,4,10,12,340,12,40,MNHVY,0.38397610000000,0.01727919000000
C1B1H2S2P5L1M1J2E1A1,HIB,CL5S,12,4,10,12,340,15,10,MEPDG,5.58677800000000,0.02148143000000
```

```
C1B1H2S2P5L1M1J2E1A2,HIB,CL5S,12,4,10,12,340,15,10,MNAVG,3.17187400000000,0.00471795300000
C1B1H2S2P5L1M1J2E1A3,HIB,CL5S,12,4,10,12,340,15,10,MNHVY,6.93272500000000,0.04516188000000
C1B1H2S2P5L1M1J2E2A1,HIB,CL5S,12,4,10,12,340,15,40,MEPDG,2.81533900000000,0.01774634000000
C1B1H2S2P5L1M1J2E2A2,HIB,CL5S,12,4,10,12,340,15,40,MNAVG,1.69169400000000,0.00387835600000
C1B1H2S2P5L1M1J2E2A3,HIB,CL5S,12,4,10,12,340,15,40,MNHVY,3.45901900000000,0.03699870000000
C1B1H2S2P5L1M2J1E1A1,HIB,CL5S,12,4,10,12,590,12,10,MEPDG,0.01742657000000,0.00114571200000
C1B1H2S2P5L1M2J1E1A2,HIB,CL5S,12,4,10,12,590,12,10,MNAVG,0.00401418800000,0.00016453930000
C1B1H2S2P5L1M2J1E1A3,HIB,CL5S,12,4,10,12,590,12,10,MNHVY,0.00574187100000,0.00206004200000
C1B1H2S2P5L1M2J1E2A1,HIB,CL5S,12,4,10,12,590,12,40,MEPDG,0.00555975300000,0.00078392370000
C1B1H2S2P5L1M2J1E2A2,HIB,CL5S,12,4,10,12,590,12,40,MNAVG,0.00145410000000,0.00010757270000
C1B1H2S2P5L1M2J1E2A3,HIB,CL5S,12,4,10,12,590,12,40,MNHVY,0.00184085000000,0.00134532700000
C1B1H2S2P5L1M2J2E1A1,HIB,CL5S,12,4,10,12,590,15,10,MEPDG,0.14540420000000,0.00550041900000
C1B1H2S2P5L1M2J2E1A2,HIB,CL5S,12,4,10,12,590,15,10,MNAVG,0.04555421000000,0.00103029200000
C1B1H2S2P5L1M2J2E1A3,HIB,CL5S,12,4,10,12,590,15,10,MNHVY,0.10929610000000,0.01123951000000
C1B1H2S2P5L1M2J2E2A1,HIB,CL5S,12,4,10,12,590,15,40,MEPDG,0.05509399000000,0.00367623800000
C1B1H2S2P5L1M2J2E2A2,HIB,CL5S,12,4,10,12,590,15,40,MNAVG,0.01905981000000,0.00067313110000
C1B1H2S2P5L1M2J2E2A3,HIB,CL5S,12,4,10,12,590,15,40,MNHVY,0.04010139000000,0.00737390200000
C1B1H2S2P5L1M3J1E1A1,HIB,CL5S,12,4,10,12,840,12,10,MEPDG,0.00071170260000,0.00009681033000
C1B1H2S2P5L1M3J1E1A2,HIB,CL5S,12,4,10,12,840,12,10,MNAVG,0.00012467280000,0.00000993536100
C1B1H2S2P5L1M3J1E1A3,HIB,CL5S,12,4,10,12,840,12,10,MNHVY,0.00018288000000,0.00013755910000
C1B1H2S2P5L1M3J1E2A1,HIB,CL5S,12,4,10,12,840,12,40,MEPDG,0.00018572350000,0.00006620528000
C1B1H2S2P5L1M3J1E2A2,HIB,CL5S,12,4,10,12,840,12,40,MNAVG,0.00003882886000,0.00000610203000
C1B1H2S2P5L1M3J1E2A3,HIB,CL5S,12,4,10,12,840,12,40,MNHVY,0.00004853494000,0.00008434635000
C1B1H2S2P5L1M3J2E1A1,HIB,CL5S,12,4,10,12,840,15,10,MEPDG,0.00620706900000,0.00083879890000
C1B1H2S2P5L1M3J2E1A2,HIB,CL5S,12,4,10,12,840,15,10,MNAVG,0.00121824700000,0.00012498670000
C1B1H2S2P5L1M3J2E1A3,HIB,CL5S,12,4,10,12,840,15,10,MNHVY,0.00278987000000,0.00153872500000
C1B1H2S2P5L1M3J2E2A1,HIB,CL5S,12,4,10,12,840,15,40,MEPDG,0.00221126800000,0.00055098000000
C1B1H2S2P5L1M3J2E2A2,HIB,CL5S,12,4,10,12,840,15,40,MNAVG,0.00049851740000,0.00007657950000
C1B1H2S2P5L1M3J2E2A3,HIB,CL5S,12,4,10,12,840,15,40,MNHVY,0.00114029200000,0.00095708130000
C1B1H2S2P5L2M1J1E1A1,HIB,CL5S,12,4,10,13,340,12,10,MEPDG,0.12582870000000,0.00458854600000
C1B1H2S2P5L2M1J1E1A2,HIB,CL5S,12,4,10,13,340,12,10,MNAVG,0.05199147000000,0.00085742980000
C1B1H2S2P5L2M1J1E1A3,HIB,CL5S,12,4,10,13,340,12,10,MNHVY,0.08400280000000,0.00924481800000
C1B1H2S2P5L2M1J1E2A1,HIB,CL5S,12,4,10,13,340,12,40,MEPDG,0.12582870000000,0.00458854600000
C1B1H2S2P5L2M1J1E2A2,HIB,CL5S,12,4,10,13,340,12,40,MNAVG,0.05199147000000,0.00085742980000
C1B1H2S2P5L2M1J1E2A3,HIB,CL5S,12,4,10,13,340,12,40,MNHVY,0.08400280000000,0.00924481800000
C1B1H2S2P5L2M1J2E1A1,HIB,CL5S,12,4,10,13,340,15,10,MEPDG,0.74356970000000,0.01114768000000
C1B1H2S2P5L2M1J2E1A2,HIB,CL5S,12,4,10,13,340,15,10,MNAVG,0.45265360000000,0.00247246800000
C1B1H2S2P5L2M1J2E1A3,HIB,CL5S,12,4,10,13,340,15,10,MNHVY,0.91741760000000,0.02321134000000
C1B1H2S2P5L2M1J2E2A1,HIB,CL5S,12,4,10,13,340,15,40,MEPDG,0.74356970000000,0.01114768000000
C1B1H2S2P5L2M1J2E2A2,HIB,CL5S,12,4,10,13,340,15,40,MNAVG,0.45265360000000,0.00247246800000
C1B1H2S2P5L2M1J2E2A3,HIB,CL5S,12,4,10,13,340,15,40,MNHVY,0.91741760000000,0.02321134000000
C1B1H2S2P5L2M2J1E1A1,HIB,CL5S,12,4,10,13,590,12,10,MEPDG,0.00107979500000,0.00038073120000
C1B1H2S2P5L2M2J1E1A2,HIB,CL5S,12,4,10,13,590,12,10,MNAVG,0.00028959070000,0.00005215896000
C1B1H2S2P5L2M2J1E1A3,HIB,CL5S,12,4,10,13,590,12,10,MNHVY,0.00035186670000,0.00065183430000
C1B1H2S2P5L2M2J1E2A1,HIB,CL5S,12,4,10,13,590,12,40,MEPDG,0.00107979500000,0.00038073120000
C1B1H2S2P5L2M2J1E2A2,HIB,CL5S,12,4,10,13,590,12,40,MNAVG,0.00028959070000,0.00005215896000
C1B1H2S2P5L2M2J1E2A3,HIB,CL5S,12,4,10,13,590,12,40,MNHVY,0.00035186670000,0.00065183430000
C1B1H2S2P5L2M2J2E1A1,HIB,CL5S,12,4,10,13,590,15,10,MEPDG,0.01245675000000,0.00210056000000
C1B1H2S2P5L2M2J2E1A2,HIB,CL5S,12,4,10,13,590,15,10,MNAVG,0.00437119900000,0.00038914120000
C1B1H2S2P5L2M2J2E1A3,HIB,CL5S,12,4,10,13,590,15,10,MNHVY,0.00902995900000,0.00421689700000
```

```
C1B1H2S2P5L2M2J2E2A1,HIB,CL5S,12,4,10,13,590,15,40,MEPDG,0.01245675000000,0.00210056000000
C1B1H2S2P5L2M2J2E2A2,HIB,CL5S,12,4,10,13,590,15,40,MNAVG,0.00437119900000,0.00038914120000
C1B1H2S2P5L2M2J2E2A3,HIB,CL5S,12,4,10,13,590,15,40,MNHVY,0.00902995900000,0.00421689700000
C1B1H2S2P5L2M3J1E1A1,HIB,CL5S,12,4,10,13,840,12,10,MEPDG,0.00003442753000,0.00003029008000
C1B1H2S2P5L2M3J1E1A2,HIB,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000736347100,0.00000272303500
C1B1H2S2P5L2M3J1E1A3,HIB,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000898177200,0.00003766699000
C1B1H2S2P5L2M3J1E2A1,HIB,CL5S,12,4,10,13,840,12,40,MEPDG,0.00003442753000,0.00003029008000
C1B1H2S2P5L2M3J1E2A2,HIB,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000736347100,0.00000272303500
C1B1H2S2P5L2M3J1E2A3,HIB,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000898177200,0.00003766699000
C1B1H2S2P5L2M3J2E1A1,HIB,CL5S,12,4,10,13,840,15,10,MEPDG,0.00039256930000,0.00028876740000
C1B1H2S2P5L2M3J2E1A2,HIB,CL5S,12,4,10,13,840,15,10,MNAVG,0.00009175113000,0.00003991712000
C1B1H2S2P5L2M3J2E1A3,HIB,CL5S,12,4,10,13,840,15,10,MNHVY,0.00017732680000,0.00049742020000
C1B1H2S2P5L2M3J2E2A1,HIB,CL5S,12,4,10,13,840,15,40,MEPDG,0.00039256930000,0.00028876740000
C1B1H2S2P5L2M3J2E2A2,HIB,CL5S,12,4,10,13,840,15,40,MNAVG,0.00009175113000,0.00003991712000
C1B1H2S2P5L2M3J2E2A3,HIB,CL5S,12,4,10,13,840,15,40,MNHVY,0.00017732680000,0.00049742020000
C1B1H2S2P6L1M1J1E1A1,HIB,CL5S,12,4,11,12,340,12,10,MEPDG,0.34107300000000,0.01554199000000
C1B1H2S2P6L1M1J1E1A2,HIB,CL5S,12,4,11,12,340,12,10,MNAVG,0.10456150000000,0.00258757200000
C1B1H2S2P6L1M1J1E1A3,HIB,CL5S,12,4,11,12,340,12,10,MNHVY,0.17715890000000,0.03084331000000
C1B1H2S2P6L1M1J1E2A1,HIB,CL5S,12,4,11,12,340,12,40,MEPDG,0.13207240000000,0.01090196000000
C1B1H2S2P6L1M1J1E2A2,HIB,CL5S,12,4,11,12,340,12,40,MNAVG,0.04322434000000,0.00180340900000
C1B1H2S2P6L1M1J1E2A3,HIB,CL5S,12,4,11,12,340,12,40,MNHVY,0.06495709000000,0.02129351000000
C1B1H2S2P6L1M1J2E1A1,HIB,CL5S,12,4,11,12,340,15,10,MEPDG,1.83239400000000,0.03902802000000
C1B1H2S2P6L1M1J2E1A2,HIB,CL5S,12,4,11,12,340,15,10,MNAVG,0.83656420000000,0.00794454100000
C1B1H2S2P6L1M1J2E1A3,HIB,CL5S,12,4,11,12,340,15,10,MNHVY,1.88566900000000,0.08199686000000
C1B1H2S2P6L1M1J2E2A1,HIB,CL5S,12,4,11,12,340,15,40,MEPDG,0.84334800000000,0.02804401000000
C1B1H2S2P6L1M1J2E2A2,HIB,CL5S,12,4,11,12,340,15,40,MNAVG,0.41596450000000,0.00571632600000
C1B1H2S2P6L1M1J2E2A3,HIB,CL5S,12,4,11,12,340,15,40,MNHVY,0.85678380000000,0.05841046000000
C1B1H2S2P6L1M2J1E1A1,HIB,CL5S,12,4,11,12,590,12,10,MEPDG,0.00324219600000,0.00077630710000
C1B1H2S2P6L1M2J1E1A2,HIB,CL5S,12,4,11,12,590,12,10,MNAVG,0.00063701740000,0.00009491797000
C1B1H2S2P6L1M2J1E1A3,HIB,CL5S,12,4,11,12,590,12,10,MNHVY,0.00081455750000,0.00129403000000
C1B1H2S2P6L1M2J1E2A1,HIB,CL5S,12,4,11,12,590,12,40,MEPDG,0.00090793500000,0.00054034280000
C1B1H2S2P6L1M2J1E2A2,HIB,CL5S,12,4,11,12,590,12,40,MNAVG,0.00021292870000,0.00006354417000
C1B1H2S2P6L1M2J1E2A3,HIB,CL5S,12,4,11,12,590,12,40,MNHVY,0.00023647090000,0.00086145430000
C1B1H2S2P6L1M2J2E1A1,HIB,CL5S,12,4,11,12,590,15,10,MEPDG,0.02690214000000,0.00429318100000
C1B1H2S2P6L1M2J2E1A2,HIB,CL5S,12,4,11,12,590,15,10,MNAVG,0.00625832600000,0.00071829530000
C1B1H2S2P6L1M2J2E1A3,HIB,CL5S,12,4,11,12,590,15,10,MNHVY,0.01392186000000,0.00851841600000
C1B1H2S2P6L1M2J2E2A1,HIB,CL5S,12,4,11,12,590,15,40,MEPDG,0.00937227900000,0.00290862500000
C1B1H2S2P6L1M2J2E2A2,HIB,CL5S,12,4,11,12,590,15,40,MNAVG,0.00249978800000,0.00048304720000
C1B1H2S2P6L1M2J2E2A3,HIB,CL5S,12,4,11,12,590,15,40,MNHVY,0.00495081400000,0.00567475200000
C1B1H2S2P6L1M3J1E1A1,HIB,CL5S,12,4,11,12,840,12,10,MEPDG,0.00011394290000,0.00005105538000
C1B1H2S2P6L1M3J1E1A2,HIB,CL5S,12,4,11,12,840,12,10,MNAVG,0.00001617611000,0.00000446646300
C1B1H2S2P6L1M3J1E1A3,HIB,CL5S,12,4,11,12,840,12,10,MNHVY,0.00002073161000,0.00006555286000
C1B1H2S2P6L1M3J1E2A1,HIB,CL5S,12,4,11,12,840,12,40,MEPDG,0.00002633173000,0.00004060892000
C1B1H2S2P6L1M3J1E2A2,HIB,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000470435500,0.00000325250000
C1B1H2S2P6L1M3J1E2A3,HIB,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000493746100,0.00004749886000
C1B1H2S2P6L1M3J2E1A1,HIB,CL5S,12,4,11,12,840,15,10,MEPDG,0.00074434220000,0.00052174940000
C1B1H2S2P6L1M3J2E1A2,HIB,CL5S,12,4,11,12,840,15,10,MNAVG,0.00011637770000,0.00006695253000
C1B1H2S2P6L1M3J2E1A3,HIB,CL5S,12,4,11,12,840,15,10,MNHVY,0.00021822820000,0.00089177340000
C1B1H2S2P6L1M3J2E2A1,HIB,CL5S,12,4,11,12,840,15,40,MEPDG,0.00020102090000,0.00035691030000
C1B1H2S2P6L1M3J2E2A2,HIB,CL5S,12,4,11,12,840,15,40,MNAVG,0.00003831281000,0.00004349257000
```

```
C1B1H2S2P6L1M3J2E2A3,HIB,CL5S,12,4,11,12,840,15,40,MNHVY,0.00006045303000,0.00057793260000
C1B1H2S2P6L2M1J1E1A1,HIB,CL5S,12,4,11,13,340,12,10,MEPDG,0.02817404000000,0.00570835700000
C1B1H2S2P6L2M1J1E1A2,HIB,CL5S,12,4,11,13,340,12,10,MNAVG,0.00921512400000,0.00095017960000
C1B1H2S2P6L2M1J1E1A3,HIB,CL5S,12,4,11,13,340,12,10,MNHVY,0.01338575000000,0.01118382000000
C1B1H2S2P6L2M1J1E2A1,HIB,CL5S,12,4,11,13,340,12,40,MEPDG,0.02817404000000,0.00570835700000
C1B1H2S2P6L2M1J1E2A2,HIB,CL5S,12,4,11,13,340,12,40,MNAVG,0.00921512400000,0.00095017960000
C1B1H2S2P6L2M1J1E2A3,HIB,CL5S,12,4,11,13,340,12,40,MNHVY,0.01338575000000,0.01118382000000
C1B1H2S2P6L2M1J2E1A1,HIB,CL5S,12,4,11,13,340,15,10,MEPDG,0.20987410000000,0.01723113000000
C1B1H2S2P6L2M1J2E1A2,HIB,CL5S,12,4,11,13,340,15,10,MNAVG,0.10487520000000,0.00355770400000
C1B1H2S2P6L2M1J2E1A3,HIB,CL5S,12,4,11,13,340,15,10,MNHVY,0.21285440000000,0.03590665000000
C1B1H2S2P6L2M1J2E2A1,HIB,CL5S,12,4,11,13,340,15,40,MEPDG,0.20987410000000,0.01723113000000
C1B1H2S2P6L2M1J2E2A2,HIB,CL5S,12,4,11,13,340,15,40,MNAVG,0.10487520000000,0.00355770400000
C1B1H2S2P6L2M1J2E2A3,HIB,CL5S,12,4,11,13,340,15,40,MNHVY,0.21285440000000,0.03590665000000
C1B1H2S2P6L2M2J1E1A1,HIB,CL5S,12,4,11,13,590,12,10,MEPDG,0.00016871340000,0.00026400430000
C1B1H2S2P6L2M2J1E1A2,HIB,CL5S,12,4,11,13,590,12,10,MNAVG,0.00004118643000,0.00003101818000
C1B1H2S2P6L2M2J1E1A3,HIB,CL5S,12,4,11,13,590,12,10,MNHVY,0.00004413175000,0.00041999460000
C1B1H2S2P6L2M2J1E2A1,HIB,CL5S,12,4,11,13,590,12,40,MEPDG,0.00016871340000,0.00026400430000
C1B1H2S2P6L2M2J1E2A2,HIB,CL5S,12,4,11,13,590,12,40,MNAVG,0.00004118643000,0.00003101818000
C1B1H2S2P6L2M2J1E2A3,HIB,CL5S,12,4,11,13,590,12,40,MNHVY,0.00004413175000,0.00041999460000
C1B1H2S2P6L2M2J2E1A1,HIB,CL5S,12,4,11,13,590,15,10,MEPDG,0.00197629200000,0.00165707900000
C1B1H2S2P6L2M2J2E1A2,HIB,CL5S,12,4,11,13,590,15,10,MNAVG,0.00054206940000,0.00027767770000
C1B1H2S2P6L2M2J2E1A3,HIB,CL5S,12,4,11,13,590,15,10,MNHVY,0.00104576700000,0.00324086300000
C1B1H2S2P6L2M2J2E2A1,HIB,CL5S,12,4,11,13,590,15,40,MEPDG,0.00197629200000,0.00165707900000
C1B1H2S2P6L2M2J2E2A2,HIB,CL5S,12,4,11,13,590,15,40,MNAVG,0.00054206940000,0.00027767770000
C1B1H2S2P6L2M2J2E2A3,HIB,CL5S,12,4,11,13,590,15,40,MNHVY,0.00104576700000,0.00324086300000
C1B1H2S2P6L2M3J1E1A1,HIB,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000454434700,0.00001878741000
C1B1H2S2P6L2M3J1E1A2,HIB,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000085198830,0.00000147650900
C1B1H2S2P6L2M3J1E1A3,HIB,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000084595140,0.00002154286000
C1B1H2S2P6L2M3J1E2A1,HIB,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000454434700,0.00001878741000
C1B1H2S2P6L2M3J1E2A2,HIB,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000085198830,0.00000147650900
C1B1H2S2P6L2M3J1E2A3,HIB,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000084595140,0.00002154286000
C1B1H2S2P6L2M3J2E1A1,HIB,CL5S,12,4,11,13,840,15,10,MEPDG,0.00003832531000,0.00017830000000
C1B1H2S2P6L2M3J2E1A2,HIB,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000759861300,0.00002168825000
C1B1H2S2P6L2M3J2E1A3,HIB,CL5S,12,4,11,13,840,15,10,MNHVY,0.00001160966000,0.00028722200000
C1B1H2S2P6L2M3J2E2A1,HIB,CL5S,12,4,11,13,840,15,40,MEPDG,0.00003832531000,0.00017830000000
C1B1H2S2P6L2M3J2E2A2,HIB,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000759861300,0.00002168825000
C1B1H2S2P6L2M3J2E2A3,HIB,CL5S,12,4,11,13,840,15,40,MNHVY,0.00001160966000,0.00028722200000
C1B1H2S2P7L1M1J1E1A1,HIB,CL5S,12,4,12,12,340,12,10,MEPDG,0.08936100000000,0.01352813000000
C1B1H2S2P7L1M1J1E1A2,HIB,CL5S,12,4,12,12,340,12,10,MNAVG,0.02164296000000,0.00199653500000
C1B1H2S2P7L1M1J1E1A3,HIB,CL5S,12,4,12,12,340,12,10,MNHVY,0.03359467000000,0.02551058000000
C1B1H2S2P7L1M1J1E2A1,HIB,CL5S,12,4,12,12,340,12,40,MEPDG,0.03085516000000,0.00955576000000
C1B1H2S2P7L1M1J1E2A2,HIB,CL5S,12,4,12,12,340,12,40,MNAVG,0.00830194900000,0.00140435800000
C1B1H2S2P7L1M1J1E2A3,HIB,CL5S,12,4,12,12,340,12,40,MNHVY,0.01111344000000,0.01777029000000
C1B1H2S2P7L1M1J2E1A1,HIB,CL5S,12,4,12,12,340,15,10,MEPDG,0.52919690000000,0.04228235000000
C1B1H2S2P7L1M1J2E1A2,HIB,CL5S,12,4,12,12,340,15,10,MNAVG,0.18760410000000,0.00792122300000
C1B1H2S2P7L1M1J2E1A3,HIB,CL5S,12,4,12,12,340,15,10,MNHVY,0.42217420000000,0.08751032000000
C1B1H2S2P7L1M1J2E2A1,HIB,CL5S,12,4,12,12,340,15,40,MEPDG,0.21914310000000,0.02991493000000
C1B1H2S2P7L1M1J2E2A2,HIB,CL5S,12,4,12,12,340,15,40,MNAVG,0.08548038000000,0.00564616400000
C1B1H2S2P7L1M1J2E2A3,HIB,CL5S,12,4,12,12,340,15,40,MNHVY,0.17138570000000,0.06146666000000
C1B1H2S2P7L1M2J1E1A1,HIB,CL5S,12,4,12,12,590,12,10,MEPDG,0.00071880160000,0.00051254920000
```

```
C1B1H2S2P7L1M2J1E1A2,HIB,CL5S,12,4,12,12,590,12,10,MNAVG,0.00011848440000,0.00005393812000
C1B1H2S2P7L1M2J1E1A3,HIB,CL5S,12,4,12,12,590,12,10,MNHVY,0.00015550080000,0.00077301010000
C1B1H2S2P7L1M2J1E2A1,HIB,CL5S,12,4,12,12,590,12,40,MEPDG,0.00018465360000,0.00038763760000
C1B1H2S2P7L1M2J1E2A2,HIB,CL5S,12,4,12,12,590,12,40,MNAVG,0.00003755751000,0.00003936507000
C1B1H2S2P7L1M2J1E2A3,HIB,CL5S,12,4,12,12,590,12,40,MNHVY,0.00004193285000,0.00056270430000
C1B1H2S2P7L1M2J2E1A1,HIB,CL5S,12,4,12,12,590,15,10,MEPDG,0.00422367400000,0.00323905800000
C1B1H2S2P7L1M2J2E1A2,HIB,CL5S,12,4,12,12,590,15,10,MNAVG,0.00076634420000,0.00048196860000
C1B1H2S2P7L1M2J2E1A3,HIB,CL5S,12,4,12,12,590,15,10,MNHVY,0.00138767800000,0.00612638300000
C1B1H2S2P7L1M2J2E2A1,HIB,CL5S,12,4,12,12,590,15,40,MEPDG,0.00125169800000,0.00221226300000
C1B1H2S2P7L1M2J2E2A2,HIB,CL5S,12,4,12,12,590,15,40,MNAVG,0.00027160490000,0.00032752550000
C1B1H2S2P7L1M2J2E2A3,HIB,CL5S,12,4,12,12,590,15,40,MNHVY,0.00041500370000,0.00411836800000
C1B1H2S2P7L1M3J1E1A1,HIB,CL5S,12,4,12,12,840,12,10,MEPDG,0.00002052693000,0.00002891970000
C1B1H2S2P7L1M3J1E1A2,HIB,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000241873300,0.00000219578000
C1B1H2S2P7L1M3J1E1A3,HIB,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000247864600,0.00003301022000
C1B1H2S2P7L1M3J1E2A1,HIB,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000414933900,0.00002177627000
C1B1H2S2P7L1M3J1E2A2,HIB,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000065692660,0.00000153418600
C1B1H2S2P7L1M3J1E2A3,HIB,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000054907050,0.00002299594000
C1B1H2S2P7L1M3J2E1A1,HIB,CL5S,12,4,12,12,840,15,10,MEPDG,0.00009698637000,0.00031651780000
C1B1H2S2P7L1M3J2E1A2,HIB,CL5S,12,4,12,12,840,15,10,MNAVG,0.00001269533000,0.00003514408000
C1B1H2S2P7L1M3J2E1A3,HIB,CL5S,12,4,12,12,840,15,10,MNHVY,0.00001959411000,0.00049508300000
C1B1H2S2P7L1M3J2E2A1,HIB,CL5S,12,4,12,12,840,15,40,MEPDG,0.00002397284000,0.00023648850000
C1B1H2S2P7L1M3J2E2A2,HIB,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000397028100,0.00002487818000
C1B1H2S2P7L1M3J2E2A3,HIB,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000518487100,0.00034923910000
C1B1H2S2P7L2M1J1E1A1,HIB,CL5S,12,4,12,13,340,12,10,MEPDG,0.00627388300000,0.00502826000000
C1B1H2S2P7L2M1J1E1A2,HIB,CL5S,12,4,12,13,340,12,10,MNAVG,0.00171954100000,0.00074508690000
C1B1H2S2P7L2M1J1E1A3,HIB,CL5S,12,4,12,13,340,12,10,MNHVY,0.00220559700000,0.00938779100000
C1B1H2S2P7L2M1J1E2A1,HIB,CL5S,12,4,12,13,340,12,40,MEPDG,0.00627388300000,0.00502826000000
C1B1H2S2P7L2M1J1E2A2,HIB,CL5S,12,4,12,13,340,12,40,MNAVG,0.00171954100000,0.00074508690000
C1B1H2S2P7L2M1J1E2A3,HIB,CL5S,12,4,12,13,340,12,40,MNHVY,0.00220559700000,0.00938779100000
C1B1H2S2P7L2M1J2E1A1,HIB,CL5S,12,4,12,13,340,15,10,MEPDG,0.05123134000000,0.01819467000000
C1B1H2S2P7L2M1J2E1A2,HIB,CL5S,12,4,12,13,340,15,10,MNAVG,0.02033883000000,0.00347511100000
C1B1H2S2P7L2M1J2E1A3,HIB,CL5S,12,4,12,13,340,15,10,MNHVY,0.03983682000000,0.03746552000000
C1B1H2S2P7L2M1J2E2A1,HIB,CL5S,12,4,12,13,340,15,40,MEPDG,0.05123134000000,0.01819467000000
C1B1H2S2P7L2M1J2E2A2,HIB,CL5S,12,4,12,13,340,15,40,MNAVG,0.02033883000000,0.00347511100000
C1B1H2S2P7L2M1J2E2A3,HIB,CL5S,12,4,12,13,340,15,40,MNHVY,0.03983682000000,0.03746552000000
C1B1H2S2P7L2M2J1E1A1,HIB,CL5S,12,4,12,13,590,12,10,MEPDG,0.00003331980000,0.00016771320000
C1B1H2S2P7L2M2J1E1A2,HIB,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000710188400,0.00001707175000
C1B1H2S2P7L2M2J1E1A3,HIB,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000759288700,0.00024317290000
C1B1H2S2P7L2M2J1E2A1,HIB,CL5S,12,4,12,13,590,12,40,MEPDG,0.00003331980000,0.00016771320000
C1B1H2S2P7L2M2J1E2A2,HIB,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000710188400,0.00001707175000
C1B1H2S2P7L2M2J1E2A3,HIB,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000759288700,0.00024317290000
C1B1H2S2P7L2M2J2E1A1,HIB,CL5S,12,4,12,13,590,15,10,MEPDG,0.00024545260000,0.00125052100000
C1B1H2S2P7L2M2J2E1A2,HIB,CL5S,12,4,12,13,590,15,10,MNAVG,0.00005553448000,0.00018690930000
C1B1H2S2P7L2M2J2E1A3,HIB,CL5S,12,4,12,13,590,15,10,MNHVY,0.00008140878000,0.00233691300000
C1B1H2S2P7L2M2J2E2A1,HIB,CL5S,12,4,12,13,590,15,40,MEPDG,0.00024545260000,0.00125052100000
C1B1H2S2P7L2M2J2E2A2,HIB,CL5S,12,4,12,13,590,15,40,MNAVG,0.00005553448000,0.00018690930000
C1B1H2S2P7L2M2J2E2A3,HIB,CL5S,12,4,12,13,590,15,40,MNHVY,0.00008140878000,0.00233691300000
C1B1H2S2P7L2M3J1E1A1,HIB,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000067158350,0.00000922746600
C1B1H2S2P7L2M3J1E1A2,HIB,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000011479470,0.00000064253450
C1B1H2S2P7L2M3J1E1A3,HIB,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000009037731,0.00000961054600
```

```
C1B1H2S2P7L2M3J1E2A1,HIB,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000067158350,0.00000922746600
C1B1H2S2P7L2M3J1E2A2,HIB,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000011479470,0.00000064253450
C1B1H2S2P7L2M3J1E2A3,HIB,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000009037731,0.00000961054600
C1B1H2S2P7L2M3J2E1A1,HIB,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000439439700,0.00013678280000
C1B1H2S2P7L2M3J2E1A2,HIB,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000076408570,0.00001423318000
C1B1H2S2P7L2M3J2E1A3,HIB,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000096905270,0.00019961350000
C1B1H2S2P7L2M3J2E2A1,HIB,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000439439700,0.00013678280000
C1B1H2S2P7L2M3J2E2A2,HIB,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000076408570,0.00001423318000
C1B1H2S2P7L2M3J2E2A3,HIB,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000096905270,0.00019961350000
C1B2H1S1P1L1M1J1E1A1,HIB,CL5Q,4,12,6,12,340,12,10,MEPDG,141.13370000000000,1.92234300000000
C1B2H1S1P1L1M1J1E1A2,HIB,CL5Q,4,12,6,12,340,12,10,MNAVG,117.86570000000000,0.27106750000000
C1B2H1S1P1L1M1J1E1A3,HIB,CL5Q,4,12,6,12,340,12,10,MNHVY,207.61030000000000,2.98805600000000
C1B2H1S1P1L1M1J1E2A1,HIB,CL5Q,4,12,6,12,340,12,40,MEPDG,87.46342000000000,1.12931300000000
C1B2H1S1P1L1M1J1E2A2,HIB,CL5Q,4,12,6,12,340,12,40,MNAVG,68.60573000000000,0.15390420000000
C1B2H1S1P1L1M1J1E2A3,HIB,CL5Q,4,12,6,12,340,12,40,MNHVY,124.50750000000000,1.71879200000000
C1B2H1S1P1L1M1J2E1A1,HIB,CL5Q,4,12,6,12,340,15,10,MEPDG,167.96670000000000,2.02684900000000
C1B2H1S1P1L1M1J2E1A2,HIB,CL5Q,4,12,6,12,340,15,10,MNAVG,144.02670000000000,0.38798280000000
C1B2H1S1P1L1M1J2E1A3,HIB,CL5Q,4,12,6,12,340,15,10,MNHVY,256.97210000000000,3.71103600000000
C1B2H1S1P1L1M1J2E2A1,HIB,CL5Q,4,12,6,12,340,15,40,MEPDG,106.33620000000000,1.21529600000000
C1B2H1S1P1L1M1J2E2A2,HIB,CL5Q,4,12,6,12,340,15,40,MNAVG,86.24847000000000,0.23277880000000
C1B2H1S1P1L1M1J2E2A3,HIB,CL5Q,4,12,6,12,340,15,40,MNHVY,158.65130000000000,2.22914600000000
C1B2H1S1P1L1M2J1E1A1,HIB,CL5Q,4,12,6,12,590,12,10,MEPDG,11.93125000000000,0.22072520000000
C1B2H1S1P1L1M2J1E1A2,HIB,CL5Q,4,12,6,12,590,12,10,MNAVG,8.13997200000000,0.03010314000000
C1B2H1S1P1L1M2J1E1A3,HIB,CL5Q,4,12,6,12,590,12,10,MNHVY,13.51266000000000,0.32857380000000
C1B2H1S1P1L1M2J1E2A1,HIB,CL5Q,4,12,6,12,590,12,40,MEPDG,6.42964400000000,0.11647880000000
C1B2H1S1P1L1M2J1E2A2,HIB,CL5Q,4,12,6,12,590,12,40,MNAVG,4.19385900000000,0.01437384000000
C1B2H1S1P1L1M2J1E2A3,HIB,CL5Q,4,12,6,12,590,12,40,MNHVY,6.96586800000000,0.16255340000000
C1B2H1S1P1L1M2J2E1A1,HIB,CL5Q,4,12,6,12,590,15,10,MEPDG,20.20035000000000,0.50802710000000
C1B2H1S1P1L1M2J2E1A2,HIB,CL5Q,4,12,6,12,590,15,10,MNAVG,15.51317000000000,0.09768683000000
C1B2H1S1P1L1M2J2E1A3,HIB,CL5Q,4,12,6,12,590,15,10,MNHVY,27.31994000000000,0.92675610000000
C1B2H1S1P1L1M2J2E2A1,HIB,CL5Q,4,12,6,12,590,15,40,MEPDG,11.65938000000000,0.26668570000000
C1B2H1S1P1L1M2J2E2A2,HIB,CL5Q,4,12,6,12,590,15,40,MNAVG,8.74174800000000,0.04931334000000
C1B2H1S1P1L1M2J2E2A3,HIB,CL5Q,4,12,6,12,590,15,40,MNHVY,15.51148000000000,0.48026030000000
C1B2H1S1P1L1M3J1E1A1,HIB,CL5Q,4,12,6,12,840,12,10,MEPDG,1.46334200000000,0.02814607000000
C1B2H1S1P1L1M3J1E1A2,HIB,CL5Q,4,12,6,12,840,12,10,MNAVG,0.76907060000000,0.00313893900000
C1B2H1S1P1L1M3J1E1A3,HIB,CL5Q,4,12,6,12,840,12,10,MNHVY,1.21901600000000,0.03721903000000
C1B2H1S1P1L1M3J1E2A1,HIB,CL5Q,4,12,6,12,840,12,40,MEPDG,0.68442700000000,0.01382118000000
C1B2H1S1P1L1M3J1E2A2,HIB,CL5Q,4,12,6,12,840,12,40,MNAVG,0.35001270000000,0.00131798800000
C1B2H1S1P1L1M3J1E2A3,HIB,CL5Q,4,12,6,12,840,12,40,MNHVY,0.53759900000000,0.01616049000000
C1B2H1S1P1L1M3J2E1A1,HIB,CL5Q,4,12,6,12,840,15,10,MEPDG,3.55772000000000,0.10910860000000
C1B2H1S1P1L1M3J2E1A2,HIB,CL5Q,4,12,6,12,840,15,10,MNAVG,2.35781300000000,0.01920960000000
C1B2H1S1P1L1M3J2E1A3,HIB,CL5Q,4,12,6,12,840,15,10,MNHVY,4.29478300000000,0.19359030000000
C1B2H1S1P1L1M3J2E2A1,HIB,CL5Q,4,12,6,12,840,15,40,MEPDG,1.83605300000000,0.05093121000000
C1B2H1S1P1L1M3J2E2A2,HIB,CL5Q,4,12,6,12,840,15,40,MNAVG,1.21553900000000,0.00830601200000
C1B2H1S1P1L1M3J2E2A3,HIB,CL5Q,4,12,6,12,840,15,40,MNHVY,2.17451300000000,0.08707736000000
C1B2H1S1P1L2M1J1E1A1,HIB,CL5Q,4,12,6,13,340,12,10,MEPDG,22.38660000000000,0.44546000000000
C1B2H1S1P1L2M1J1E1A2,HIB,CL5Q,4,12,6,13,340,12,10,MNAVG,16.85440000000000,0.06515184000000
C1B2H1S1P1L2M1J1E1A3,HIB,CL5Q,4,12,6,13,340,12,10,MNHVY,30.96351000000000,0.69760000000000
C1B2H1S1P1L2M1J1E2A1,HIB,CL5Q,4,12,6,13,340,12,40,MEPDG,22.38660000000000,0.44546000000000
C1B2H1S1P1L2M1J1E2A2,HIB,CL5Q,4,12,6,13,340,12,40,MNAVG,16.85440000000000,0.06515184000000
```

```
C1B2H1S1P1L2M1J1E2A3,HIB,CL5Q,4,12,6,13,340,12,40,MNHVY,30.96351000000000,0.69760000000000
C1B2H1S1P1L2M1J2E1A1,HIB,CL5Q,4,12,6,13,340,15,10,MEPDG,27.80595000000000,0.57523190000000
C1B2H1S1P1L2M1J2E1A2,HIB,CL5Q,4,12,6,13,340,15,10,MNAVG,21.80934000000000,0.11668450000000
C1B2H1S1P1L2M1J2E1A3,HIB,CL5Q,4,12,6,13,340,15,10,MNHVY,40.52335000000000,1.06664700000000
C1B2H1S1P1L2M1J2E2A1,HIB,CL5Q,4,12,6,13,340,15,40,MEPDG,27.80595000000000,0.57523190000000
C1B2H1S1P1L2M1J2E2A2,HIB,CL5Q,4,12,6,13,340,15,40,MNAVG,21.80934000000000,0.11668450000000
C1B2H1S1P1L2M1J2E2A3,HIB,CL5Q,4,12,6,13,340,15,40,MNHVY,40.52335000000000,1.06664700000000
C1B2H1S1P1L2M2J1E1A1,HIB,CL5Q,4,12,6,13,590,12,10,MEPDG,1.55620000000000,0.04391885000000
C1B2H1S1P1L2M2J1E1A2,HIB,CL5Q,4,12,6,13,590,12,10,MNAVG,0.97921030000000,0.00565568600000
C1B2H1S1P1L2M2J1E1A3,HIB,CL5Q,4,12,6,13,590,12,10,MNHVY,1.64455400000000,0.06297802000000
C1B2H1S1P1L2M2J1E2A1,HIB,CL5Q,4,12,6,13,590,12,40,MEPDG,1.55620000000000,0.04391885000000
C1B2H1S1P1L2M2J1E2A2,HIB,CL5Q,4,12,6,13,590,12,40,MNAVG,0.97921030000000,0.00565568600000
C1B2H1S1P1L2M2J1E2A3,HIB,CL5Q,4,12,6,13,590,12,40,MNHVY,1.64455400000000,0.06297802000000
C1B2H1S1P1L2M2J2E1A1,HIB,CL5Q,4,12,6,13,590,15,10,MEPDG,3.01594900000000,0.12259070000000
C1B2H1S1P1L2M2J2E1A2,HIB,CL5Q,4,12,6,13,590,15,10,MNAVG,2.23294300000000,0.02369718000000
C1B2H1S1P1L2M2J2E1A3,HIB,CL5Q,4,12,6,13,590,15,10,MNHVY,3.99936100000000,0.22420070000000
C1B2H1S1P1L2M2J2E2A1,HIB,CL5Q,4,12,6,13,590,15,40,MEPDG,3.01594900000000,0.12259070000000
C1B2H1S1P1L2M2J2E2A2,HIB,CL5Q,4,12,6,13,590,15,40,MNAVG,2.23294300000000,0.02369718000000
C1B2H1S1P1L2M2J2E2A3,HIB,CL5Q,4,12,6,13,590,15,40,MNHVY,3.99936100000000,0.22420070000000
C1B2H1S1P1L2M3J1E1A1,HIB,CL5Q,4,12,6,13,840,12,10,MEPDG,0.15658040000000,0.00479923000000
C1B2H1S1P1L2M3J1E1A2,HIB,CL5Q,4,12,6,13,840,12,10,MNAVG,0.07770221000000,0.00045930130000
C1B2H1S1P1L2M3J1E1A3,HIB,CL5Q,4,12,6,13,840,12,10,MNHVY,0.12054470000000,0.00563518200000
C1B2H1S1P1L2M3J1E2A1,HIB,CL5Q,4,12,6,13,840,12,40,MEPDG,0.15658040000000,0.00479923000000
C1B2H1S1P1L2M3J1E2A2,HIB,CL5Q,4,12,6,13,840,12,40,MNAVG,0.07770221000000,0.00045930130000
C1B2H1S1P1L2M3J1E2A3,HIB,CL5Q,4,12,6,13,840,12,40,MNHVY,0.12054470000000,0.00563518200000
C1B2H1S1P1L2M3J2E1A1,HIB,CL5Q,4,12,6,13,840,15,10,MEPDG,0.45696050000000,0.02142559000000
C1B2H1S1P1L2M3J2E1A2,HIB,CL5Q,4,12,6,13,840,15,10,MNAVG,0.30071850000000,0.00357908400000
C1B2H1S1P1L2M3J2E1A3,HIB,CL5Q,4,12,6,13,840,15,10,MNHVY,0.54354580000000,0.03713867000000
C1B2H1S1P1L2M3J2E2A1,HIB,CL5Q,4,12,6,13,840,15,40,MEPDG,0.45696050000000,0.02142559000000
C1B2H1S1P1L2M3J2E2A2,HIB,CL5Q,4,12,6,13,840,15,40,MNAVG,0.30071850000000,0.00357908400000
C1B2H1S1P1L2M3J2E2A3,HIB,CL5Q,4,12,6,13,840,15,40,MNHVY,0.54354580000000,0.03713867000000
C1B2H1S1P2L1M1J1E1A1,HIB,CL5Q,4,12,7,12,340,12,10,MEPDG,58.86456000000000,1.52615300000000
C1B2H1S1P2L1M1J1E1A2,HIB,CL5Q,4,12,7,12,340,12,10,MNAVG,46.09379000000000,0.24656450000000
C1B2H1S1P2L1M1J1E1A3,HIB,CL5Q,4,12,7,12,340,12,10,MNHVY,81.04874000000000,2.58173500000000
C1B2H1S1P2L1M1J1E2A1,HIB,CL5Q,4,12,7,12,340,12,40,MEPDG,34.53557000000000,0.87650880000000
C1B2H1S1P2L1M1J1E2A2,HIB,CL5Q,4,12,7,12,340,12,40,MNAVG,26.03367000000000,0.13426860000000
C1B2H1S1P2L1M1J1E2A3,HIB,CL5Q,4,12,7,12,340,12,40,MNHVY,46.08896000000000,1.43630800000000
C1B2H1S1P2L1M1J2E1A1,HIB,CL5Q,4,12,7,12,340,15,10,MEPDG,91.10864000000000,2.47621400000000
C1B2H1S1P2L1M1J2E1A2,HIB,CL5Q,4,12,7,12,340,15,10,MNAVG,77.04639000000000,0.50880210000000
C1B2H1S1P2L1M1J2E1A3,HIB,CL5Q,4,12,7,12,340,15,10,MNHVY,139.79200000000000,4.70478200000000
C1B2H1S1P2L1M1J2E2A1,HIB,CL5Q,4,12,7,12,340,15,40,MEPDG,56.57016000000000,1.48285400000000
C1B2H1S1P2L1M1J2E2A2,HIB,CL5Q,4,12,7,12,340,15,40,MNAVG,46.75871000000000,0.30194030000000
C1B2H1S1P2L1M1J2E2A3,HIB,CL5Q,4,12,7,12,340,15,40,MNHVY,85.66768000000000,2.80593300000000
C1B2H1S1P2L1M2J1E1A1,HIB,CL5Q,4,12,7,12,590,12,10,MEPDG,2.99921000000000,0.11014180000000
C1B2H1S1P2L1M2J1E1A2,HIB,CL5Q,4,12,7,12,590,12,10,MNAVG,1.63473800000000,0.01575260000000
C1B2H1S1P2L1M2J1E1A3,HIB,CL5Q,4,12,7,12,590,12,10,MNHVY,2.74000600000000,0.17576590000000
C1B2H1S1P2L1M2J1E2A1,HIB,CL5Q,4,12,7,12,590,12,40,MEPDG,1.43294700000000,0.05695143000000
C1B2H1S1P2L1M2J1E2A2,HIB,CL5Q,4,12,7,12,590,12,40,MNAVG,0.76893750000000,0.00741245400000
C1B2H1S1P2L1M2J1E2A3,HIB,CL5Q,4,12,7,12,590,12,40,MNHVY,1.23549500000000,0.08472089000000
C1B2H1S1P2L1M2J2E1A1,HIB,CL5Q,4,12,7,12,590,15,10,MEPDG,7.97853600000000,0.38186820000000
```

```
C1B2H1S1P2L1M2J2E1A2,HIB,CL5Q,4,12,7,12,590,15,10,MNAVG,5.45620400000000,0.07590099000000
C1B2H1S1P2L1M2J2E1A3,HIB,CL5Q,4,12,7,12,590,15,10,MNHVY,10.3616800000000,0.72386500000000
C1B2H1S1P2L1M2J2E2A1,HIB,CL5Q,4,12,7,12,590,15,40,MEPDG,4.24712600000000,0.19859780000000
C1B2H1S1P2L1M2J2E2A2,HIB,CL5Q,4,12,7,12,590,15,40,MNAVG,2.93466500000000,0.03804761000000
C1B2H1S1P2L1M2J2E2A3,HIB,CL5Q,4,12,7,12,590,15,40,MNHVY,5.42887200000000,0.36999820000000
C1B2H1S1P2L1M3J1E1A1,HIB,CL5Q,4,12,7,12,840,12,10,MEPDG,0.25491400000000,0.00878630600000
C1B2H1S1P2L1M3J1E1A2,HIB,CL5Q,4,12,7,12,840,12,10,MNAVG,0.09748726000000,0.00098617640000
C1B2H1S1P2L1M3J1E1A3,HIB,CL5Q,4,12,7,12,840,12,10,MNHVY,0.15378090000000,0.01206996000000
C1B2H1S1P2L1M3J1E2A1,HIB,CL5Q,4,12,7,12,840,12,40,MEPDG,0.10179360000000,0.00427517700000
C1B2H1S1P2L1M3J1E2A2,HIB,CL5Q,4,12,7,12,840,12,40,MNAVG,0.03950091000000,0.00040974280000
C1B2H1S1P2L1M3J1E2A3,HIB,CL5Q,4,12,7,12,840,12,40,MNHVY,0.05746848000000,0.00518630100000
C1B2H1S1P2L1M3J2E1A1,HIB,CL5Q,4,12,7,12,840,15,10,MEPDG,1.11075300000000,0.05189450000000
C1B2H1S1P2L1M3J2E1A2,HIB,CL5Q,4,12,7,12,840,15,10,MNAVG,0.59477100000000,0.00903441700000
C1B2H1S1P2L1M3J2E1A3,HIB,CL5Q,4,12,7,12,840,15,10,MNHVY,1.23274000000000,0.09489313000000
C1B2H1S1P2L1M3J2E2A1,HIB,CL5Q,4,12,7,12,840,15,40,MEPDG,0.50713410000000,0.02420317000000
C1B2H1S1P2L1M3J2E2A2,HIB,CL5Q,4,12,7,12,840,15,40,MNAVG,0.28087890000000,0.00394388100000
C1B2H1S1P2L1M3J2E2A3,HIB,CL5Q,4,12,7,12,840,15,40,MNHVY,0.54668150000000,0.04245792000000
C1B2H1S1P2L2M1J1E1A1,HIB,CL5Q,4,12,7,13,340,12,10,MEPDG,8.81831000000000,0.36788570000000
C1B2H1S1P2L2M1J1E1A2,HIB,CL5Q,4,12,7,13,340,12,10,MNAVG,6.45145900000000,0.05967902000000
C1B2H1S1P2L2M1J1E1A3,HIB,CL5Q,4,12,7,13,340,12,10,MNHVY,11.5033300000000,0.61883410000000
C1B2H1S1P2L2M1J1E2A1,HIB,CL5Q,4,12,7,13,340,12,40,MEPDG,8.81831000000000,0.36788570000000
C1B2H1S1P2L2M1J1E2A2,HIB,CL5Q,4,12,7,13,340,12,40,MNAVG,6.45145900000000,0.05967902000000
C1B2H1S1P2L2M1J1E2A3,HIB,CL5Q,4,12,7,13,340,12,40,MNHVY,11.5033300000000,0.61883410000000
C1B2H1S1P2L2M1J2E1A1,HIB,CL5Q,4,12,7,13,340,15,10,MEPDG,15.4048100000000,0.74716650000000
C1B2H1S1P2L2M1J2E1A2,HIB,CL5Q,4,12,7,13,340,15,10,MNAVG,12.5979100000000,0.15959810000000
C1B2H1S1P2L2M1J2E1A3,HIB,CL5Q,4,12,7,13,340,15,10,MNHVY,23.1530300000000,1.42619700000000
C1B2H1S1P2L2M1J2E2A1,HIB,CL5Q,4,12,7,13,340,15,40,MEPDG,15.4048100000000,0.74716650000000
C1B2H1S1P2L2M1J2E2A2,HIB,CL5Q,4,12,7,13,340,15,40,MNAVG,12.5979100000000,0.15959810000000
C1B2H1S1P2L2M1J2E2A3,HIB,CL5Q,4,12,7,13,340,15,40,MNHVY,23.1530300000000,1.42619700000000
C1B2H1S1P2L2M2J1E1A1,HIB,CL5Q,4,12,7,13,590,12,10,MEPDG,0.33231770000000,0.02222637000000
C1B2H1S1P2L2M2J1E1A2,HIB,CL5Q,4,12,7,13,590,12,10,MNAVG,0.17334520000000,0.00299466500000
C1B2H1S1P2L2M2J1E1A3,HIB,CL5Q,4,12,7,13,590,12,10,MNHVY,0.27871640000000,0.03381662000000
C1B2H1S1P2L2M2J1E2A1,HIB,CL5Q,4,12,7,13,590,12,40,MEPDG,0.33231770000000,0.02222637000000
C1B2H1S1P2L2M2J1E2A2,HIB,CL5Q,4,12,7,13,590,12,40,MNAVG,0.17334520000000,0.00299466500000
C1B2H1S1P2L2M2J1E2A3,HIB,CL5Q,4,12,7,13,590,12,40,MNHVY,0.27871640000000,0.03381662000000
C1B2H1S1P2L2M2J2E1A1,HIB,CL5Q,4,12,7,13,590,15,10,MEPDG,1.09678300000000,0.09340739000000
C1B2H1S1P2L2M2J2E1A2,HIB,CL5Q,4,12,7,13,590,15,10,MNAVG,0.75741770000000,0.01839348000000
C1B2H1S1P2L2M2J2E1A3,HIB,CL5Q,4,12,7,13,590,15,10,MNHVY,1.40688700000000,0.17621150000000
C1B2H1S1P2L2M2J2E2A1,HIB,CL5Q,4,12,7,13,590,15,40,MEPDG,1.09678300000000,0.09340739000000
C1B2H1S1P2L2M2J2E2A2,HIB,CL5Q,4,12,7,13,590,15,40,MNAVG,0.75741770000000,0.01839348000000
C1B2H1S1P2L2M2J2E2A3,HIB,CL5Q,4,12,7,13,590,15,40,MNHVY,1.40688700000000,0.17621150000000
C1B2H1S1P2L2M3J1E1A1,HIB,CL5Q,4,12,7,13,840,12,10,MEPDG,0.02178490000000,0.00154649900000
C1B2H1S1P2L2M3J1E1A2,HIB,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00831165600000,0.00014919550000
C1B2H1S1P2L2M3J1E1A3,HIB,CL5Q,4,12,7,13,840,12,10,MNHVY,0.01199056000000,0.00188220400000
C1B2H1S1P2L2M3J1E2A1,HIB,CL5Q,4,12,7,13,840,12,40,MEPDG,0.02178490000000,0.00154649900000
C1B2H1S1P2L2M3J1E2A2,HIB,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00831165600000,0.00014919550000
C1B2H1S1P2L2M3J1E2A3,HIB,CL5Q,4,12,7,13,840,12,40,MNHVY,0.01199056000000,0.00188220400000
C1B2H1S1P2L2M3J2E1A1,HIB,CL5Q,4,12,7,13,840,15,10,MEPDG,0.12288640000000,0.01038332000000
C1B2H1S1P2L2M3J2E1A2,HIB,CL5Q,4,12,7,13,840,15,10,MNAVG,0.06806793000000,0.00171044100000
C1B2H1S1P2L2M3J2E1A3,HIB,CL5Q,4,12,7,13,840,15,10,MNHVY,0.13312170000000,0.01837156000000
```

```
C1B2H1S1P2L2M3J2E2A1,HIB,CL5Q,4,12,7,13,840,15,40,MEPDG,0.12288640000000,0.01038332000000
C1B2H1S1P2L2M3J2E2A2,HIB,CL5Q,4,12,7,13,840,15,40,MNAVG,0.06806793000000,0.00171044100000
C1B2H1S1P2L2M3J2E2A3,HIB,CL5Q,4,12,7,13,840,15,40,MNHVY,0.13312170000000,0.01837156000000
C1B2H1S1P3L1M1J1E1A1,HIB,CL5Q,4,12,8,12,340,12,10,MEPDG,19.23988000000000,1.14934400000000
C1B2H1S1P3L1M1J1E1A2,HIB,CL5Q,4,12,8,12,340,12,10,MNAVG,12.75854000000000,0.19656170000000
C1B2H1S1P3L1M1J1E1A3,HIB,CL5Q,4,12,8,12,340,12,10,MNHVY,22.41275000000000,2.06379600000000
C1B2H1S1P3L1M1J1E2A1,HIB,CL5Q,4,12,8,12,340,12,40,MEPDG,10.29174000000000,0.65289520000000
C1B2H1S1P3L1M1J1E2A2,HIB,CL5Q,4,12,8,12,340,12,40,MNAVG,6.70033500000000,0.10660330000000
C1B2H1S1P3L1M1J1E2A3,HIB,CL5Q,4,12,8,12,340,12,40,MNHVY,11.47863000000000,1.13354000000000
C1B2H1S1P3L1M1J2E1A1,HIB,CL5Q,4,12,8,12,340,15,10,MEPDG,40.23800000000000,2.51829900000000
C1B2H1S1P3L1M1J2E1A2,HIB,CL5Q,4,12,8,12,340,15,10,MNAVG,30.89668000000000,0.53619850000000
C1B2H1S1P3L1M1J2E1A3,HIB,CL5Q,4,12,8,12,340,15,10,MNHVY,58.05770000000000,4.93452800000000
C1B2H1S1P3L1M1J2E2A1,HIB,CL5Q,4,12,8,12,340,15,40,MEPDG,23.48199000000000,1.48295900000000
C1B2H1S1P3L1M1J2E2A2,HIB,CL5Q,4,12,8,12,340,15,40,MNAVG,18.06298000000000,0.31167770000000
C1B2H1S1P3L1M1J2E2A3,HIB,CL5Q,4,12,8,12,340,15,40,MNHVY,33.43938000000000,2.88179500000000
C1B2H1S1P3L1M2J1E1A1,HIB,CL5Q,4,12,8,12,590,12,10,MEPDG,0.60066000000000,0.05103398000000
C1B2H1S1P3L1M2J1E1A2,HIB,CL5Q,4,12,8,12,590,12,10,MNAVG,0.23964740000000,0.00765300600000
C1B2H1S1P3L1M2J1E1A3,HIB,CL5Q,4,12,8,12,590,12,10,MNHVY,0.39180520000000,0.08651569000000
C1B2H1S1P3L1M2J1E2A1,HIB,CL5Q,4,12,8,12,590,12,40,MEPDG,0.24969180000000,0.02624161000000
C1B2H1S1P3L1M2J1E2A2,HIB,CL5Q,4,12,8,12,590,12,40,MNAVG,0.10122300000000,0.00360484900000
C1B2H1S1P3L1M2J1E2A3,HIB,CL5Q,4,12,8,12,590,12,40,MNHVY,0.15238890000000,0.04176654000000
C1B2H1S1P3L1M2J2E1A1,HIB,CL5Q,4,12,8,12,590,15,10,MEPDG,2.45619400000000,0.24142260000000
C1B2H1S1P3L1M2J2E1A2,HIB,CL5Q,4,12,8,12,590,15,10,MNAVG,1.35059100000000,0.04802785000000
C1B2H1S1P3L1M2J2E1A3,HIB,CL5Q,4,12,8,12,590,15,10,MNHVY,2.77593000000000,0.47431050000000
C1B2H1S1P3L1M2J2E2A1,HIB,CL5Q,4,12,8,12,590,15,40,MEPDG,1.17610500000000,0.12551270000000
C1B2H1S1P3L1M2J2E2A2,HIB,CL5Q,4,12,8,12,590,15,40,MNAVG,0.67320090000000,0.02420096000000
C1B2H1S1P3L1M2J2E2A3,HIB,CL5Q,4,12,8,12,590,15,40,MNHVY,1.30145000000000,0.24177150000000
C1B2H1S1P3L1M3J1E1A1,HIB,CL5Q,4,12,8,12,840,12,10,MEPDG,0.03348606000000,0.00279337700000
C1B2H1S1P3L1M3J1E1A2,HIB,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00930851300000,0.00032780990000
C1B2H1S1P3L1M3J1E1A3,HIB,CL5Q,4,12,8,12,840,12,10,MNHVY,0.01347227000000,0.00403249400000
C1B2H1S1P3L1M3J1E2A1,HIB,CL5Q,4,12,8,12,840,12,40,MEPDG,0.01129051000000,0.00141191800000
C1B2H1S1P3L1M3J1E2A2,HIB,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00339261900000,0.00014368070000
C1B2H1S1P3L1M3J1E2A3,HIB,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00441731900000,0.00182748900000
C1B2H1S1P3L1M3J2E1A1,HIB,CL5Q,4,12,8,12,840,15,10,MEPDG,0.23539800000000,0.02328698000000
C1B2H1S1P3L1M3J2E1A2,HIB,CL5Q,4,12,8,12,840,15,10,MNAVG,0.09092850000000,0.00401489200000
C1B2H1S1P3L1M3J2E1A3,HIB,CL5Q,4,12,8,12,840,15,10,MNHVY,0.20664260000000,0.04380925000000
C1B2H1S1P3L1M3J2E2A1,HIB,CL5Q,4,12,8,12,840,15,40,MEPDG,0.09327132000000,0.01115415000000
C1B2H1S1P3L1M3J2E2A2,HIB,CL5Q,4,12,8,12,840,15,40,MNAVG,0.03852806000000,0.00180428800000
C1B2H1S1P3L1M3J2E2A3,HIB,CL5Q,4,12,8,12,840,15,40,MNHVY,0.07904944000000,0.02012262000000
C1B2H1S1P3L2M1J1E1A1,HIB,CL5Q,4,12,8,13,340,12,10,MEPDG,2.53361900000000,0.28522780000000
C1B2H1S1P3L2M1J1E1A2,HIB,CL5Q,4,12,8,13,340,12,10,MNAVG,1.60391000000000,0.04873324000000
C1B2H1S1P3L2M1J1E1A3,HIB,CL5Q,4,12,8,13,340,12,10,MNHVY,2.74997300000000,0.50661770000000
C1B2H1S1P3L2M1J1E2A1,HIB,CL5Q,4,12,8,13,340,12,40,MEPDG,2.53361900000000,0.28522780000000
C1B2H1S1P3L2M1J1E2A2,HIB,CL5Q,4,12,8,13,340,12,40,MNAVG,1.60391000000000,0.04873324000000
C1B2H1S1P3L2M1J1E2A3,HIB,CL5Q,4,12,8,13,340,12,40,MNHVY,2.74997300000000,0.50661770000000
C1B2H1S1P3L2M1J2E1A1,HIB,CL5Q,4,12,8,13,340,15,10,MEPDG,6.34687200000000,0.77017580000000
C1B2H1S1P3L2M1J2E1A2,HIB,CL5Q,4,12,8,13,340,15,10,MNAVG,4.86776900000000,0.16793010000000
C1B2H1S1P3L2M1J2E1A3,HIB,CL5Q,4,12,8,13,340,15,10,MNHVY,8.99863100000000,1.50855600000000
C1B2H1S1P3L2M1J2E2A1,HIB,CL5Q,4,12,8,13,340,15,40,MEPDG,6.34687200000000,0.77017580000000
C1B2H1S1P3L2M1J2E2A2,HIB,CL5Q,4,12,8,13,340,15,40,MNAVG,4.86776900000000,0.16793010000000
```

```
C1B2H1S1P3L2M1J2E2A3,HIB,CL5Q,4,12,8,13,340,15,40,MNHVY,8.99863100000000,1.50855600000000
C1B2H1S1P3L2M2J1E1A1,HIB,CL5Q,4,12,8,13,590,12,10,MEPDG,0.05460538000000,0.01051418000000
C1B2H1S1P3L2M2J1E1A2,HIB,CL5Q,4,12,8,13,590,12,10,MNAVG,0.02176609000000,0.00149124000000
C1B2H1S1P3L2M2J1E1A3,HIB,CL5Q,4,12,8,13,590,12,10,MNHVY,0.03238432000000,0.01703274000000
C1B2H1S1P3L2M2J1E2A1,HIB,CL5Q,4,12,8,13,590,12,40,MEPDG,0.05460538000000,0.01051418000000
C1B2H1S1P3L2M2J1E2A2,HIB,CL5Q,4,12,8,13,590,12,40,MNAVG,0.02176609000000,0.00149124000000
C1B2H1S1P3L2M2J1E2A3,HIB,CL5Q,4,12,8,13,590,12,40,MNHVY,0.03238432000000,0.01703274000000
C1B2H1S1P3L2M2J2E1A1,HIB,CL5Q,4,12,8,13,590,15,10,MEPDG,0.29206030000000,0.06089598000000
C1B2H1S1P3L2M2J2E1A2,HIB,CL5Q,4,12,8,13,590,15,10,MNAVG,0.16769570000000,0.01202999000000
C1B2H1S1P3L2M2J2E1A3,HIB,CL5Q,4,12,8,13,590,15,10,MNHVY,0.32364900000000,0.11854230000000
C1B2H1S1P3L2M2J2E2A1,HIB,CL5Q,4,12,8,13,590,15,40,MEPDG,0.29206030000000,0.06089598000000
C1B2H1S1P3L2M2J2E2A2,HIB,CL5Q,4,12,8,13,590,15,40,MNAVG,0.16769570000000,0.01202999000000
C1B2H1S1P3L2M2J2E2A3,HIB,CL5Q,4,12,8,13,590,15,40,MNHVY,0.32364900000000,0.11854230000000
C1B2H1S1P3L2M3J1E1A1,HIB,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00225112300000,0.00052728220000
C1B2H1S1P3L2M3J1E1A2,HIB,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00068169930000,0.00005389512000
C1B2H1S1P3L2M3J1E1A3,HIB,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00087144830000,0.00068265910000
C1B2H1S1P3L2M3J1E2A1,HIB,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00225112300000,0.00052728220000
C1B2H1S1P3L2M3J1E2A2,HIB,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00068169930000,0.00005389512000
C1B2H1S1P3L2M3J1E2A3,HIB,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00087144830000,0.00068265910000
C1B2H1S1P3L2M3J2E1A1,HIB,CL5Q,4,12,8,13,840,15,10,MEPDG,0.02132367000000,0.00497420600000
C1B2H1S1P3L2M3J2E1A2,HIB,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00884440900000,0.00081680690000
C1B2H1S1P3L2M3J2E1A3,HIB,CL5Q,4,12,8,13,840,15,10,MNHVY,0.01814570000000,0.00903472300000
C1B2H1S1P3L2M3J2E2A1,HIB,CL5Q,4,12,8,13,840,15,40,MEPDG,0.02132367000000,0.00497420600000
C1B2H1S1P3L2M3J2E2A2,HIB,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00884440900000,0.00081680690000
C1B2H1S1P3L2M3J2E2A3,HIB,CL5Q,4,12,8,13,840,15,40,MNHVY,0.01814570000000,0.00903472300000
C1B2H1S1P4L1M1J1E1A1,HIB,CL5Q,4,12,9,12,340,12,10,MEPDG,5.57130100000000,0.71445050000000
C1B2H1S1P4L1M1J1E1A2,HIB,CL5Q,4,12,9,12,340,12,10,MNAVG,2.92640700000000,0.12177980000000
C1B2H1S1P4L1M1J1E1A3,HIB,CL5Q,4,12,9,12,340,12,10,MNHVY,5.06501900000000,1.32459200000000
C1B2H1S1P4L1M1J1E2A1,HIB,CL5Q,4,12,9,12,340,12,40,MEPDG,2.67927100000000,0.40283130000000
C1B2H1S1P4L1M1J1E2A2,HIB,CL5Q,4,12,9,12,340,12,40,MNAVG,1.40493200000000,0.06562480000000
C1B2H1S1P4L1M1J1E2A3,HIB,CL5Q,4,12,9,12,340,12,40,MNHVY,2.28949100000000,0.72169940000000
C1B2H1S1P4L1M1J2E1A1,HIB,CL5Q,4,12,9,12,340,15,10,MEPDG,15.88379000000000,1.98170500000000
C1B2H1S1P4L1M1J2E1A2,HIB,CL5Q,4,12,9,12,340,15,10,MNAVG,10.56413000000000,0.41650890000000
C1B2H1S1P4L1M1J2E1A3,HIB,CL5Q,4,12,9,12,340,15,10,MNHVY,20.72559000000000,3.97030100000000
C1B2H1S1P4L1M1J2E2A1,HIB,CL5Q,4,12,9,12,340,15,40,MEPDG,8.57208400000000,1.17333000000000
C1B2H1S1P4L1M1J2E2A2,HIB,CL5Q,4,12,9,12,340,15,40,MNAVG,5.83707200000000,0.24416740000000
C1B2H1S1P4L1M1J2E2A3,HIB,CL5Q,4,12,9,12,340,15,40,MNHVY,10.99852000000000,2.32602100000000
C1B2H1S1P4L1M2J1E1A1,HIB,CL5Q,4,12,9,12,590,12,10,MEPDG,0.10150950000000,0.02029244000000
C1B2H1S1P4L1M2J1E1A2,HIB,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02938921000000,0.00293540600000
C1B2H1S1P4L1M2J1E1A3,HIB,CL5Q,4,12,9,12,590,12,10,MNHVY,0.04285953000000,0.03450104000000
C1B2H1S1P4L1M2J1E2A1,HIB,CL5Q,4,12,9,12,590,12,40,MEPDG,0.03630501000000,0.01079541000000
C1B2H1S1P4L1M2J1E2A2,HIB,CL5Q,4,12,9,12,590,12,40,MNAVG,0.01121627000000,0.00145354600000
C1B2H1S1P4L1M2J1E2A3,HIB,CL5Q,4,12,9,12,590,12,40,MNHVY,0.01458322000000,0.01739057000000
C1B2H1S1P4L1M2J2E1A1,HIB,CL5Q,4,12,9,12,590,15,10,MEPDG,0.58884740000000,0.12803290000000
C1B2H1S1P4L1M2J2E1A2,HIB,CL5Q,4,12,9,12,590,15,10,MNAVG,0.24322650000000,0.02446399000000
C1B2H1S1P4L1M2J2E1A3,HIB,CL5Q,4,12,9,12,590,15,10,MNHVY,0.51451860000000,0.25519350000000
C1B2H1S1P4L1M2J2E2A1,HIB,CL5Q,4,12,9,12,590,15,40,MEPDG,0.24725290000000,0.06748469000000
C1B2H1S1P4L1M2J2E2A2,HIB,CL5Q,4,12,9,12,590,15,40,MNAVG,0.10873350000000,0.01254990000000
C1B2H1S1P4L1M2J2E2A3,HIB,CL5Q,4,12,9,12,590,15,40,MNHVY,0.20818630000000,0.13186130000000
C1B2H1S1P4L1M3J1E1A1,HIB,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00385773700000,0.00081291720000
```

```
C1B2H1S1P4L1M3J1E1A2,HIB,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00088014760000,0.00008941848000
C1B2H1S1P4L1M3J1E1A3,HIB,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00108315900000,0.00114033100000
C1B2H1S1P4L1M3J1E2A1,HIB,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00107439600000,0.00044813810000
C1B2H1S1P4L1M3J1E2A2,HIB,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00028481880000,0.00004377559000
C1B2H1S1P4L1M3J1E2A3,HIB,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00030596750000,0.00057035480000
C1B2H1S1P4L1M3J2E1A1,HIB,CL5Q,4,12,9,12,840,15,10,MEPDG,0.03461069000000,0.00935176900000
C1B2H1S1P4L1M3J2E1A2,HIB,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00935486200000,0.00152073500000
C1B2H1S1P4L1M3J2E1A3,HIB,CL5Q,4,12,9,12,840,15,10,MNHVY,0.01986779000000,0.01744819000000
C1B2H1S1P4L1M3J2E2A1,HIB,CL5Q,4,12,9,12,840,15,40,MEPDG,0.01167445000000,0.00472064300000
C1B2H1S1P4L1M3J2E2A2,HIB,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00350955900000,0.00072701010000
C1B2H1S1P4L1M3J2E2A3,HIB,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00645466900000,0.00847850100000
C1B2H1S1P4L2M1J1E1A1,HIB,CL5Q,4,12,9,13,340,12,10,MEPDG,0.62813940000000,0.17957940000000
C1B2H1S1P4L2M1J1E1A2,HIB,CL5Q,4,12,9,13,340,12,10,MNAVG,0.32072580000000,0.03043119000000
C1B2H1S1P4L2M1J1E1A3,HIB,CL5Q,4,12,9,13,340,12,10,MNHVY,0.51784570000000,0.32774420000000
C1B2H1S1P4L2M1J1E2A1,HIB,CL5Q,4,12,9,13,340,12,40,MEPDG,0.62813940000000,0.17957940000000
C1B2H1S1P4L2M1J1E2A2,HIB,CL5Q,4,12,9,13,340,12,40,MNAVG,0.32072580000000,0.03043119000000
C1B2H1S1P4L2M1J1E2A3,HIB,CL5Q,4,12,9,13,340,12,40,MNHVY,0.51784570000000,0.32774420000000
C1B2H1S1P4L2M1J2E1A1,HIB,CL5Q,4,12,9,13,340,15,10,MEPDG,2.24784400000000,0.62322980000000
C1B2H1S1P4L2M1J2E1A2,HIB,CL5Q,4,12,9,13,340,15,10,MNAVG,1.53085600000000,0.13376320000000
C1B2H1S1P4L2M1J2E1A3,HIB,CL5Q,4,12,9,13,340,15,10,MNHVY,2.86588600000000,1.24573300000000
C1B2H1S1P4L2M1J2E2A1,HIB,CL5Q,4,12,9,13,340,15,40,MEPDG,2.24784400000000,0.62322980000000
C1B2H1S1P4L2M1J2E2A2,HIB,CL5Q,4,12,9,13,340,15,40,MNAVG,1.53085600000000,0.13376320000000
C1B2H1S1P4L2M1J2E2A3,HIB,CL5Q,4,12,9,13,340,15,40,MNHVY,2.86588600000000,1.24573300000000
C1B2H1S1P4L2M2J1E1A1,HIB,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00741679100000,0.00442439700000
C1B2H1S1P4L2M2J1E1A2,HIB,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00230055200000,0.00061156070000
C1B2H1S1P4L2M2J1E1A3,HIB,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00290964900000,0.00722683200000
C1B2H1S1P4L2M2J1E2A1,HIB,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00741679100000,0.00442439700000
C1B2H1S1P4L2M2J1E2A2,HIB,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00230055200000,0.00061156070000
C1B2H1S1P4L2M2J1E2A3,HIB,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00290964900000,0.00722683200000
C1B2H1S1P4L2M2J2E1A1,HIB,CL5Q,4,12,9,13,590,15,10,MEPDG,0.05743390000000,0.03370930000000
C1B2H1S1P4L2M2J2E1A2,HIB,CL5Q,4,12,9,13,590,15,10,MNAVG,0.02541921000000,0.00643310300000
C1B2H1S1P4L2M2J2E1A3,HIB,CL5Q,4,12,9,13,590,15,10,MNHVY,0.04793802000000,0.06642256000000
C1B2H1S1P4L2M2J2E2A1,HIB,CL5Q,4,12,9,13,590,15,40,MEPDG,0.05743390000000,0.03370930000000
C1B2H1S1P4L2M2J2E2A2,HIB,CL5Q,4,12,9,13,590,15,40,MNAVG,0.02541921000000,0.00643310300000
C1B2H1S1P4L2M2J2E2A3,HIB,CL5Q,4,12,9,13,590,15,40,MNHVY,0.04793802000000,0.06642256000000
C1B2H1S1P4L2M3J1E1A1,HIB,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00020376170000,0.00017647570000
C1B2H1S1P4L2M3J1E1A2,HIB,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00005536988000,0.00001724068000
C1B2H1S1P4L2M3J1E1A3,HIB,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00005959410000,0.00022398280000
C1B2H1S1P4L2M3J1E2A1,HIB,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00020376170000,0.00017647570000
C1B2H1S1P4L2M3J1E2A2,HIB,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00005536988000,0.00001724068000
C1B2H1S1P4L2M3J1E2A3,HIB,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00005959410000,0.00022398280000
C1B2H1S1P4L2M3J2E1A1,HIB,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00243721400000,0.00216453300000
C1B2H1S1P4L2M3J2E1A2,HIB,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00074398650000,0.00033845430000
C1B2H1S1P4L2M3J2E1A3,HIB,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00133880000000,0.00390700400000
C1B2H1S1P4L2M3J2E2A1,HIB,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00243721400000,0.00216453300000
C1B2H1S1P4L2M3J2E2A2,HIB,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00074398650000,0.00033845430000
C1B2H1S1P4L2M3J2E2A3,HIB,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00133880000000,0.00390700400000
C1B2H1S1P5L1M1J1E1A1,HIB,CL5Q,4,12,10,12,340,12,10,MEPDG,1.48136000000000,0.39467270000000
C1B2H1S1P5L1M1J1E1A2,HIB,CL5Q,4,12,10,12,340,12,10,MNAVG,0.59001810000000,0.06380916000000
C1B2H1S1P5L1M1J1E1A3,HIB,CL5Q,4,12,10,12,340,12,10,MNHVY,0.98142260000000,0.73099710000000
```

```
C1B2H1S1P5L1M1J1E2A1,HIB,CL5Q,4,12,10,12,340,12,40,MEPDG,0.63655610000000,0.22528500000000
C1B2H1S1P5L1M1J1E2A2,HIB,CL5Q,4,12,10,12,340,12,40,MNAVG,0.25833440000000,0.03509271000000
C1B2H1S1P5L1M1J1E2A3,HIB,CL5Q,4,12,10,12,340,12,40,MNHVY,0.39095100000000,0.40460060000000
C1B2H1S1P5L1M1J2E1A1,HIB,CL5Q,4,12,10,12,340,15,10,MEPDG,5.68194700000000,1.35253500000000
C1B2H1S1P5L1M1J2E1A2,HIB,CL5Q,4,12,10,12,340,15,10,MNAVG,3.15115000000000,0.27109020000000
C1B2H1S1P5L1M1J2E1A3,HIB,CL5Q,4,12,10,12,340,15,10,MNHVY,6.44000500000000,2.74235100000000
C1B2H1S1P5L1M1J2E2A1,HIB,CL5Q,4,12,10,12,340,15,40,MEPDG,2.80760300000000,0.80623890000000
C1B2H1S1P5L1M1J2E2A2,HIB,CL5Q,4,12,10,12,340,15,40,MNAVG,1.62700400000000,0.16056680000000
C1B2H1S1P5L1M1J2E2A3,HIB,CL5Q,4,12,10,12,340,15,40,MNHVY,3.11356100000000,1.61629300000000
C1B2H1S1P5L1M2J1E1A1,HIB,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01607657000000,0.00742131400000
C1B2H1S1P5L1M2J1E1A2,HIB,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00373329800000,0.00095738440000
C1B2H1S1P5L1M2J1E1A3,HIB,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00467493700000,0.01204042000000
C1B2H1S1P5L1M2J1E2A1,HIB,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00494740200000,0.00420527300000
C1B2H1S1P5L1M2J1E2A2,HIB,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00131150800000,0.00051748370000
C1B2H1S1P5L1M2J1E2A3,HIB,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00144613000000,0.00652090600000
C1B2H1S1P5L1M2J2E1A1,HIB,CL5Q,4,12,10,12,590,15,10,MEPDG,0.11577290000000,0.06065558000000
C1B2H1S1P5L1M2J2E1A2,HIB,CL5Q,4,12,10,12,590,15,10,MNAVG,0.03469454000000,0.01068269000000
C1B2H1S1P5L1M2J2E1A3,HIB,CL5Q,4,12,10,12,590,15,10,MNHVY,0.07035105000000,0.11919300000000
C1B2H1S1P5L1M2J2E2A1,HIB,CL5Q,4,12,10,12,590,15,40,MEPDG,0.04239097000000,0.03332927000000
C1B2H1S1P5L1M2J2E2A2,HIB,CL5Q,4,12,10,12,590,15,40,MNAVG,0.01393217000000,0.00576374700000
C1B2H1S1P5L1M2J2E2A3,HIB,CL5Q,4,12,10,12,590,15,40,MNHVY,0.02464615000000,0.06435898000000
C1B2H1S1P5L1M3J1E1A1,HIB,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00046955800000,0.00025688440000
C1B2H1S1P5L1M3J1E1A2,HIB,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00009405072000,0.00002466764000
C1B2H1S1P5L1M3J1E1A3,HIB,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00010088300000,0.00033744880000
C1B2H1S1P5L1M3J1E2A1,HIB,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00011662740000,0.00014966550000
C1B2H1S1P5L1M3J1E2A2,HIB,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00002817202000,0.00001347217000
C1B2H1S1P5L1M3J1E2A3,HIB,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00002730989000,0.00018420450000
C1B2H1S1P5L1M3J2E1A1,HIB,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00434320600000,0.00362525200000
C1B2H1S1P5L1M3J2E1A2,HIB,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00087847820000,0.00053386080000
C1B2H1S1P5L1M3J2E1A3,HIB,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00158353500000,0.00650799400000
C1B2H1S1P5L1M3J2E2A1,HIB,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00126494900000,0.00196945500000
C1B2H1S1P5L1M3J2E2A2,HIB,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00030010550000,0.00027731110000
C1B2H1S1P5L1M3J2E2A3,HIB,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00046243330000,0.00340748700000
C1B2H1S1P5L2M1J1E1A1,HIB,CL5Q,4,12,10,13,340,12,10,MEPDG,0.14166800000000,0.10208680000000
C1B2H1S1P5L2M1J1E1A2,HIB,CL5Q,4,12,10,13,340,12,10,MNAVG,0.05639948000000,0.01642456000000
C1B2H1S1P5L2M1J1E1A3,HIB,CL5Q,4,12,10,13,340,12,10,MNHVY,0.08354957000000,0.18616950000000
C1B2H1S1P5L2M1J1E2A1,HIB,CL5Q,4,12,10,13,340,12,40,MEPDG,0.14166800000000,0.10208680000000
C1B2H1S1P5L2M1J1E2A2,HIB,CL5Q,4,12,10,13,340,12,40,MNAVG,0.05639948000000,0.01642456000000
C1B2H1S1P5L2M1J1E2A3,HIB,CL5Q,4,12,10,13,340,12,40,MNHVY,0.08354957000000,0.18616950000000
C1B2H1S1P5L2M1J2E1A1,HIB,CL5Q,4,12,10,13,340,15,10,MEPDG,0.70972640000000,0.43307620000000
C1B2H1S1P5L2M1J2E1A2,HIB,CL5Q,4,12,10,13,340,15,10,MNAVG,0.41336780000000,0.08882329000000
C1B2H1S1P5L2M1J2E1A3,HIB,CL5Q,4,12,10,13,340,15,10,MNHVY,0.78288050000000,0.87495020000000
C1B2H1S1P5L2M1J2E2A1,HIB,CL5Q,4,12,10,13,340,15,40,MEPDG,0.70972640000000,0.43307620000000
C1B2H1S1P5L2M1J2E2A2,HIB,CL5Q,4,12,10,13,340,15,40,MNAVG,0.41336780000000,0.08882329000000
C1B2H1S1P5L2M1J2E2A3,HIB,CL5Q,4,12,10,13,340,15,40,MNHVY,0.78288050000000,0.87495020000000
C1B2H1S1P5L2M2J1E1A1,HIB,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00094540500000,0.00178984000000
C1B2H1S1P5L2M2J1E1A2,HIB,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00025809080000,0.00022487500000
C1B2H1S1P5L2M2J1E1A3,HIB,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00027485410000,0.00281425400000
C1B2H1S1P5L2M2J1E2A1,HIB,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00094540500000,0.00178984000000
C1B2H1S1P5L2M2J1E2A2,HIB,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00025809080000,0.00022487500000
```

```
C1B2H1S1P5L2M2J1E2A3,HIB,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00027485410000,0.00281425400000
C1B2H1S1P5L2M2J2E1A1,HIB,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00912609900000,0.01677255000000
C1B2H1S1P5L2M2J2E1A2,HIB,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00303679900000,0.00297558600000
C1B2H1S1P5L2M2J2E1A3,HIB,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00521177100000,0.03266793000000
C1B2H1S1P5L2M2J2E2A1,HIB,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00912609900000,0.01677255000000
C1B2H1S1P5L2M2J2E2A2,HIB,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00303679900000,0.00297558600000
C1B2H1S1P5L2M2J2E2A3,HIB,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00521177100000,0.03266793000000
C1B2H1S1P5L2M3J1E1A1,HIB,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00002108236000,0.00006343979000
C1B2H1S1P5L2M3J1E1A2,HIB,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000522614700,0.00000558349300
C1B2H1S1P5L2M3J1E1A3,HIB,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000506166500,0.00007627796000
C1B2H1S1P5L2M3J1E2A1,HIB,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00002108236000,0.00006343979000
C1B2H1S1P5L2M3J1E2A2,HIB,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000522614700,0.00000558349300
C1B2H1S1P5L2M3J1E2A3,HIB,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000506166500,0.00007627796000
C1B2H1S1P5L2M3J2E1A1,HIB,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00024545010000,0.00094092110000
C1B2H1S1P5L2M3J2E1A2,HIB,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00006017808000,0.00013421050000
C1B2H1S1P5L2M3J2E1A3,HIB,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00009016276000,0.00163512700000
C1B2H1S1P5L2M3J2E2A1,HIB,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00024545010000,0.00094092110000
C1B2H1S1P5L2M3J2E2A2,HIB,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00006017808000,0.00013421050000
C1B2H1S1P5L2M3J2E2A3,HIB,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00009016276000,0.00163512700000
C1B2H1S1P6L1M1J1E1A1,HIB,CL5Q,4,12,11,12,340,12,10,MEPDG,0.36988190000000,0.19971630000000
C1B2H1S1P6L1M1J1E1A2,HIB,CL5Q,4,12,11,12,340,12,10,MNAVG,0.11142230000000,0.02919771000000
C1B2H1S1P6L1M1J1E1A3,HIB,CL5Q,4,12,11,12,340,12,10,MNHVY,0.17295350000000,0.35833670000000
C1B2H1S1P6L1M1J1E2A1,HIB,CL5Q,4,12,11,12,340,12,40,MEPDG,0.14172350000000,0.11791790000000
C1B2H1S1P6L1M1J1E2A2,HIB,CL5Q,4,12,11,12,340,12,40,MNAVG,0.04496828000000,0.01685898000000
C1B2H1S1P6L1M1J1E2A3,HIB,CL5Q,4,12,11,12,340,12,40,MNHVY,0.06174377000000,0.20624540000000
C1B2H1S1P6L1M1J2E1A1,HIB,CL5Q,4,12,11,12,340,15,10,MEPDG,1.78721400000000,0.84525330000000
C1B2H1S1P6L1M1J2E1A2,HIB,CL5Q,4,12,11,12,340,15,10,MNAVG,0.78918290000000,0.15769370000000
C1B2H1S1P6L1M1J2E1A3,HIB,CL5Q,4,12,11,12,340,15,10,MNHVY,1.64474300000000,1.70671800000000
C1B2H1S1P6L1M1J2E2A1,HIB,CL5Q,4,12,11,12,340,15,40,MEPDG,0.79933330000000,0.50801940000000
C1B2H1S1P6L1M1J2E2A2,HIB,CL5Q,4,12,11,12,340,15,40,MNAVG,0.37562230000000,0.09463120000000
C1B2H1S1P6L1M1J2E2A3,HIB,CL5Q,4,12,11,12,340,15,40,MNHVY,0.71341460000000,1.01538900000000
C1B2H1S1P6L1M2J1E1A1,HIB,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00273833400000,0.00285939600000
C1B2H1S1P6L1M2J1E1A2,HIB,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00055922390000,0.00031738950000
C1B2H1S1P6L1M2J1E1A3,HIB,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00062110990000,0.00432166600000
C1B2H1S1P6L1M2J1E2A1,HIB,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00074272290000,0.00171548400000
C1B2H1S1P6L1M2J1E2A2,HIB,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00018279920000,0.00018502770000
C1B2H1S1P6L1M2J1E2A3,HIB,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00017877930000,0.00249938500000
C1B2H1S1P6L1M2J2E1A1,HIB,CL5Q,4,12,11,12,590,15,10,MEPDG,0.02072726000000,0.02785944000000
C1B2H1S1P6L1M2J2E1A2,HIB,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00468586400000,0.00438950600000
C1B2H1S1P6L1M2J2E1A3,HIB,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00861573500000,0.05282980000000
C1B2H1S1P6L1M2J2E2A1,HIB,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00688020800000,0.01597065000000
C1B2H1S1P6L1M2J2E2A2,HIB,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00179396000000,0.00250278300000
C1B2H1S1P6L1M2J2E2A3,HIB,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00293009400000,0.02987132000000
C1B2H1S1P6L1M3J1E1A1,HIB,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00005594217000,0.00008997727000
C1B2H1S1P6L1M3J1E1A2,HIB,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00001012512000,0.00000751333900
C1B2H1S1P6L1M3J1E1A3,HIB,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000851741200,0.00010966610000
C1B2H1S1P6L1M3J1E2A1,HIB,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00001915101000,0.00005458546000
C1B2H1S1P6L1M3J1E2A2,HIB,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000363491100,0.00000433834100
C1B2H1S1P6L1M3J1E2A3,HIB,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000370554500,0.00006301940000
C1B2H1S1P6L1M3J2E1A1,HIB,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00048705140000,0.00146554400000
```

```
C1B2H1S1P6L1M3J2E1A2,HIB,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00008110952000,0.00018714400000
C1B2H1S1P6L1M3J2E1A3,HIB,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00011991140000,0.00246298500000
C1B2H1S1P6L1M3J2E2A1,HIB,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00012364500000,0.00083316560000
C1B2H1S1P6L1M3J2E2A2,HIB,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00002541956000,0.00010247160000
C1B2H1S1P6L1M3J2E2A3,HIB,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00003238218000,0.00134466200000
C1B2H1S1P6L2M1J1E1A1,HIB,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02992108000000,0.05399812000000
C1B2H1S1P6L2M1J1E1A2,HIB,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00946550500000,0.00790351400000
C1B2H1S1P6L2M1J1E1A3,HIB,CL5Q,4,12,11,13,340,12,10,MNHVY,0.01257041000000,0.09573798000000
C1B2H1S1P6L2M1J1E2A1,HIB,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02992108000000,0.05399812000000
C1B2H1S1P6L2M1J1E2A2,HIB,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00946550500000,0.00790351400000
C1B2H1S1P6L2M1J1E2A3,HIB,CL5Q,4,12,11,13,340,12,40,MNHVY,0.01257041000000,0.09573798000000
C1B2H1S1P6L2M1J2E1A1,HIB,CL5Q,4,12,11,13,340,15,10,MEPDG,0.18621350000000,0.27464350000000
C1B2H1S1P6L2M1J2E1A2,HIB,CL5Q,4,12,11,13,340,15,10,MNAVG,0.08710937000000,0.05260522000000
C1B2H1S1P6L2M1J2E1A3,HIB,CL5Q,4,12,11,13,340,15,10,MNHVY,0.16070310000000,0.55326610000000
C1B2H1S1P6L2M1J2E2A1,HIB,CL5Q,4,12,11,13,340,15,40,MEPDG,0.18621350000000,0.27464350000000
C1B2H1S1P6L2M1J2E2A2,HIB,CL5Q,4,12,11,13,340,15,40,MNAVG,0.08710937000000,0.05260522000000
C1B2H1S1P6L2M1J2E2A3,HIB,CL5Q,4,12,11,13,340,15,40,MNHVY,0.16070310000000,0.55326610000000
C1B2H1S1P6L2M2J1E1A1,HIB,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00013480860000,0.00075270120000
C1B2H1S1P6L2M2J1E1A2,HIB,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00003471486000,0.00008247000000
C1B2H1S1P6L2M2J1E1A3,HIB,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00003280852000,0.00110963000000
C1B2H1S1P6L2M2J1E2A1,HIB,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00013480860000,0.00075270120000
C1B2H1S1P6L2M2J1E2A2,HIB,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00003471486000,0.00008247000000
C1B2H1S1P6L2M2J1E2A3,HIB,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00003280852000,0.00110963000000
C1B2H1S1P6L2M2J2E1A1,HIB,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00148893600000,0.00815094800000
C1B2H1S1P6L2M2J2E1A2,HIB,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00040474710000,0.00130674000000
C1B2H1S1P6L2M2J2E1A3,HIB,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00069037840000,0.01540771000000
C1B2H1S1P6L2M2J2E2A1,HIB,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00148893600000,0.00815094800000
C1B2H1S1P6L2M2J2E2A2,HIB,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00040474710000,0.00130674000000
C1B2H1S1P6L2M2J2E2A3,HIB,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00069037840000,0.01540771000000
C1B2H1S1P6L2M3J1E1A1,HIB,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000329224300,0.00002487684000
C1B2H1S1P6L2M3J1E1A2,HIB,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000065225270,0.00000196785400
C1B2H1S1P6L2M3J1E1A3,HIB,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000063419260,0.00002869997000
C1B2H1S1P6L2M3J1E2A1,HIB,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000329224300,0.00002487684000
C1B2H1S1P6L2M3J1E2A2,HIB,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000065225270,0.00000196785400
C1B2H1S1P6L2M3J1E2A3,HIB,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000063419260,0.00002869997000
C1B2H1S1P6L2M3J2E1A1,HIB,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00002259597000,0.00041807620000
C1B2H1S1P6L2M3J2E1A2,HIB,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000486568300,0.00005197817000
C1B2H1S1P6L2M3J2E1A3,HIB,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000604540200,0.00067968900000
C1B2H1S1P6L2M3J2E2A1,HIB,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00002259597000,0.00041807620000
C1B2H1S1P6L2M3J2E2A2,HIB,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000486568300,0.00005197817000
C1B2H1S1P6L2M3J2E2A3,HIB,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000604540200,0.00067968900000
C1B2H1S1P7L1M1J1E1A1,HIB,CL5Q,4,12,12,12,340,12,10,MEPDG,0.09034474000000,0.09872853000000
C1B2H1S1P7L1M1J1E1A2,HIB,CL5Q,4,12,12,12,340,12,10,MNAVG,0.02156571000000,0.01279803000000
C1B2H1S1P7L1M1J1E1A3,HIB,CL5Q,4,12,12,12,340,12,10,MNHVY,0.03051919000000,0.16736900000000
C1B2H1S1P7L1M1J1E2A1,HIB,CL5Q,4,12,12,12,340,12,40,MEPDG,0.03095917000000,0.06023607000000
C1B2H1S1P7L1M1J1E2A2,HIB,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00818827400000,0.00774049900000
C1B2H1S1P7L1M1J1E2A3,HIB,CL5Q,4,12,12,12,340,12,40,MNHVY,0.01005413000000,0.10014160000000
C1B2H1S1P7L1M1J2E1A1,HIB,CL5Q,4,12,12,12,340,15,10,MEPDG,0.49822040000000,0.49526150000000
C1B2H1S1P7L1M1J2E1A2,HIB,CL5Q,4,12,12,12,340,15,10,MNAVG,0.16830160000000,0.08499158000000
C1B2H1S1P7L1M1J2E1A3,HIB,CL5Q,4,12,12,12,340,15,10,MNHVY,0.34611560000000,0.97707720000000
```

```
C1B2H1S1P7L1M1J2E2A1,HIB,CL5Q,4,12,12,12,340,15,40,MEPDG,0.20054100000000,0.30326530000000
C1B2H1S1P7L1M1J2E2A2,HIB,CL5Q,4,12,12,12,340,15,40,MNAVG,0.07376067000000,0.05230823000000
C1B2H1S1P7L1M1J2E2A3,HIB,CL5Q,4,12,12,12,340,15,40,MNHVY,0.13452110000000,0.59376590000000
C1B2H1S1P7L1M2J1E1A1,HIB,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00049867870000,0.00117139100000
C1B2H1S1P7L1M2J1E1A2,HIB,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00009068471000,0.00011534830000
C1B2H1S1P7L1M2J1E1A3,HIB,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00008818256000,0.00165342500000
C1B2H1S1P7L1M2J1E2A1,HIB,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00014827720000,0.00068120980000
C1B2H1S1P7L1M2J1E2A2,HIB,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00003187279000,0.00006794253000
C1B2H1S1P7L1M2J1E2A3,HIB,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00003343967000,0.00096648650000
C1B2H1S1P7L1M2J2E1A1,HIB,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00322734400000,0.01294413000000
C1B2H1S1P7L1M2J2E1A2,HIB,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00058668200000,0.00181728900000
C1B2H1S1P7L1M2J2E1A3,HIB,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00089061700000,0.02331722000000
C1B2H1S1P7L1M2J2E2A1,HIB,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00094906050000,0.00774699800000
C1B2H1S1P7L1M2J2E2A2,HIB,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00020938760000,0.00109274700000
C1B2H1S1P7L1M2J2E2A3,HIB,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00028659670000,0.01382901000000
C1B2H1S1P7L1M3J1E1A1,HIB,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00001428567000,0.00003199301000
C1B2H1S1P7L1M3J1E1A2,HIB,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000183129100,0.00000245011200
C1B2H1S1P7L1M3J1E1A3,HIB,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000177223800,0.00003681395000
C1B2H1S1P7L1M3J1E2A1,HIB,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000285710900,0.00002493667000
C1B2H1S1P7L1M3J1E2A2,HIB,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000048821940,0.00000177705400
C1B2H1S1P7L1M3J1E2A3,HIB,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000039329960,0.00002662091000
C1B2H1S1P7L1M3J2E1A1,HIB,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00005536122000,0.00059787430000
C1B2H1S1P7L1M3J2E1A2,HIB,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000801127000,0.00006691538000
C1B2H1S1P7L1M3J2E1A3,HIB,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000919220800,0.00093564330000
C1B2H1S1P7L1M3J2E2A1,HIB,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00001259158000,0.00030643530000
C1B2H1S1P7L1M3J2E2A2,HIB,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000235130700,0.00003309784000
C1B2H1S1P7L1M3J2E2A3,HIB,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000236234300,0.00046094980000
C1B2H1S1P7L2M1J1E1A1,HIB,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00621100800000,0.02818337000000
C1B2H1S1P7L2M1J1E1A2,HIB,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00167436700000,0.00369948800000
C1B2H1S1P7L2M1J1E1A3,HIB,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00196788800000,0.04751910000000
C1B2H1S1P7L2M1J1E2A1,HIB,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00621100800000,0.02818337000000
C1B2H1S1P7L2M1J1E2A2,HIB,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00167436700000,0.00369948800000
C1B2H1S1P7L2M1J1E2A3,HIB,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00196788800000,0.04751910000000
C1B2H1S1P7L2M1J2E1A1,HIB,CL5Q,4,12,12,13,340,15,10,MEPDG,0.04529417000000,0.16517350000000
C1B2H1S1P7L2M1J2E1A2,HIB,CL5Q,4,12,12,13,340,15,10,MNAVG,0.01688195000000,0.02923471000000
C1B2H1S1P7L2M1J2E1A3,HIB,CL5Q,4,12,12,13,340,15,10,MNHVY,0.02997611000000,0.32642450000000
C1B2H1S1P7L2M1J2E2A1,HIB,CL5Q,4,12,12,13,340,15,40,MEPDG,0.04529417000000,0.16517350000000
C1B2H1S1P7L2M1J2E2A2,HIB,CL5Q,4,12,12,13,340,15,40,MNAVG,0.01688195000000,0.02923471000000
C1B2H1S1P7L2M1J2E2A3,HIB,CL5Q,4,12,12,13,340,15,40,MNHVY,0.02997611000000,0.32642450000000
C1B2H1S1P7L2M2J1E1A1,HIB,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00002089558000,0.00024473330000
C1B2H1S1P7L2M2J1E1A2,HIB,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000508279800,0.00002543285000
C1B2H1S1P7L2M2J1E1A3,HIB,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000420612000,0.00036106320000
C1B2H1S1P7L2M2J1E2A1,HIB,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00002089558000,0.00024473330000
C1B2H1S1P7L2M2J1E2A2,HIB,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000508279800,0.00002543285000
C1B2H1S1P7L2M2J1E2A3,HIB,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000420612000,0.00036106320000
C1B2H1S1P7L2M2J2E1A1,HIB,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00018112750000,0.00403404800000
C1B2H1S1P7L2M2J2E1A2,HIB,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00004183131000,0.00058173850000
C1B2H1S1P7L2M2J2E1A3,HIB,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00005549401000,0.00729137200000
C1B2H1S1P7L2M2J2E2A1,HIB,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00018112750000,0.00403404800000
C1B2H1S1P7L2M2J2E2A2,HIB,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00004183131000,0.00058173850000
```

```
C1B2H1S1P7L2M2J2E2A3,HIB,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00005549401000,0.00729137200000
C1B2H1S1P7L2M3J1E1A1,HIB,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000046079690,0.00001114629000
C1B2H1S1P7L2M3J1E1A2,HIB,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000008455486,0.00000078322170
C1B2H1S1P7L2M3J1E1A3,HIB,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000006462514,0.00001171399000
C1B2H1S1P7L2M3J1E2A1,HIB,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000046079690,0.00001114629000
C1B2H1S1P7L2M3J1E2A2,HIB,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000008455486,0.00000078322170
C1B2H1S1P7L2M3J1E2A3,HIB,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000006462514,0.00001171399000
C1B2H1S1P7L2M3J2E1A1,HIB,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000217639900,0.00016325800000
C1B2H1S1P7L2M3J2E1A2,HIB,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000043166790,0.00001774886000
C1B2H1S1P7L2M3J2E1A3,HIB,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000042096890,0.00024574390000
C1B2H1S1P7L2M3J2E2A1,HIB,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000217639900,0.00016325800000
C1B2H1S1P7L2M3J2E2A2,HIB,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000043166790,0.00001774886000
C1B2H1S1P7L2M3J2E2A3,HIB,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000042096890,0.00024574390000
C1B2H2S2P1L1M1J1E1A1,HIB,CL5Q,12,4,6,12,340,12,10,MEPDG,40.90248000000000,0.00004575169000
C1B2H2S2P1L1M1J1E1A2,HIB,CL5Q,12,4,6,12,340,12,10,MNAVG,32.03449000000000,0.00000907257000
C1B2H2S2P1L1M1J1E1A3,HIB,CL5Q,12,4,6,12,340,12,10,MNHVY,55.48726000000000,0.00009084371000
C1B2H2S2P1L1M1J1E2A1,HIB,CL5Q,12,4,6,12,340,12,40,MEPDG,24.41558000000000,0.00005258337000
C1B2H2S2P1L1M1J1E2A2,HIB,CL5Q,12,4,6,12,340,12,40,MNAVG,18.31413000000000,0.00001014043000
C1B2H2S2P1L1M1J1E2A3,HIB,CL5Q,12,4,6,12,340,12,40,MNHVY,32.37310000000000,0.00010195100000
C1B2H2S2P1L1M1J2E1A1,HIB,CL5Q,12,4,6,12,340,15,10,MEPDG,53.20781000000000,0.00000000000001
C1B2H2S2P1L1M1J2E1A2,HIB,CL5Q,12,4,6,12,340,15,10,MNAVG,43.78904000000000,0.00000000000000
C1B2H2S2P1L1M1J2E1A3,HIB,CL5Q,12,4,6,12,340,15,10,MNHVY,77.39485000000000,0.00000000000001
C1B2H2S2P1L1M1J2E2A1,HIB,CL5Q,12,4,6,12,340,15,40,MEPDG,32.90540000000000,0.00000000000000
C1B2H2S2P1L1M1J2E2A2,HIB,CL5Q,12,4,6,12,340,15,40,MNAVG,26.19577000000000,0.00000000000000
C1B2H2S2P1L1M1J2E2A3,HIB,CL5Q,12,4,6,12,340,15,40,MNHVY,47.27919000000000,0.00000000000001
C1B2H2S2P1L1M2J1E1A1,HIB,CL5Q,12,4,6,12,590,12,10,MEPDG,6.11394400000000,0.00000000000003
C1B2H2S2P1L1M2J1E1A2,HIB,CL5Q,12,4,6,12,590,12,10,MNAVG,4.10378500000000,0.00000000000000
C1B2H2S2P1L1M2J1E1A3,HIB,CL5Q,12,4,6,12,590,12,10,MNHVY,7.25701800000000,0.00000000000002
C1B2H2S2P1L1M2J1E2A1,HIB,CL5Q,12,4,6,12,590,12,40,MEPDG,3.26782500000000,0.00000000000002
C1B2H2S2P1L1M2J1E2A2,HIB,CL5Q,12,4,6,12,590,12,40,MNAVG,2.14592600000000,0.00000000000000
C1B2H2S2P1L1M2J1E2A3,HIB,CL5Q,12,4,6,12,590,12,40,MNHVY,3.78368800000000,0.00000000000001
C1B2H2S2P1L1M2J2E1A1,HIB,CL5Q,12,4,6,12,590,15,10,MEPDG,11.98392000000000,0.00000000000020
C1B2H2S2P1L1M2J2E1A2,HIB,CL5Q,12,4,6,12,590,15,10,MNAVG,9.28747100000000,0.00000000000002
C1B2H2S2P1L1M2J2E1A3,HIB,CL5Q,12,4,6,12,590,15,10,MNHVY,17.27527000000000,0.00000000000023
C1B2H2S2P1L1M2J2E2A1,HIB,CL5Q,12,4,6,12,590,15,40,MEPDG,6.97642300000000,0.00000000000011
C1B2H2S2P1L1M2J2E2A2,HIB,CL5Q,12,4,6,12,590,15,40,MNAVG,5.39010000000000,0.00000000000001
C1B2H2S2P1L1M2J2E2A3,HIB,CL5Q,12,4,6,12,590,15,40,MNHVY,10.03044000000000,0.00000000000015
C1B2H2S2P1L1M3J1E1A1,HIB,CL5Q,12,4,6,12,840,12,10,MEPDG,0.94467420000000,0.00001543889000
C1B2H2S2P1L1M3J1E1A2,HIB,CL5Q,12,4,6,12,840,12,10,MNAVG,0.49444980000000,0.00000222928000
C1B2H2S2P1L1M3J1E1A3,HIB,CL5Q,12,4,6,12,840,12,10,MNHVY,0.87241450000000,0.00002624407000
C1B2H2S2P1L1M3J1E2A1,HIB,CL5Q,12,4,6,12,840,12,40,MEPDG,0.44033200000000,0.00001661875000
C1B2H2S2P1L1M3J1E2A2,HIB,CL5Q,12,4,6,12,840,12,40,MNAVG,0.22857180000000,0.00000207415700
C1B2H2S2P1L1M3J1E2A3,HIB,CL5Q,12,4,6,12,840,12,40,MNHVY,0.38969880000000,0.00002562960000
C1B2H2S2P1L1M3J2E1A1,HIB,CL5Q,12,4,6,12,840,15,10,MEPDG,2.66976400000000,0.00000000000077
C1B2H2S2P1L1M3J2E1A2,HIB,CL5Q,12,4,6,12,840,15,10,MNAVG,1.77925600000000,0.00000000000006
C1B2H2S2P1L1M3J2E1A3,HIB,CL5Q,12,4,6,12,840,15,10,MNHVY,3.55427000000000,0.00000000000080
C1B2H2S2P1L1M3J2E2A1,HIB,CL5Q,12,4,6,12,840,15,40,MEPDG,1.38843100000000,0.00000000000031
C1B2H2S2P1L1M3J2E2A2,HIB,CL5Q,12,4,6,12,840,15,40,MNAVG,0.93838040000000,0.00000000000003
C1B2H2S2P1L1M3J2E2A3,HIB,CL5Q,12,4,6,12,840,15,40,MNHVY,1.82852200000000,0.00000000000036
C1B2H2S2P1L2M1J1E1A1,HIB,CL5Q,12,4,6,13,340,12,10,MEPDG,6.24005700000000,0.00002750789000
```

```
C1B2H2S2P1L2M1J1E1A2,HIB,CL5Q,12,4,6,13,340,12,10,MNAVG,4.54503100000000,0.00000556590200
C1B2H2S2P1L2M1J1E1A3,HIB,CL5Q,12,4,6,13,340,12,10,MNHVY,8.12698700000000,0.00005422461000
C1B2H2S2P1L2M1J1E2A1,HIB,CL5Q,12,4,6,13,340,12,40,MEPDG,6.24005700000000,0.00002750789000
C1B2H2S2P1L2M1J1E2A2,HIB,CL5Q,12,4,6,13,340,12,40,MNAVG,4.54503100000000,0.00000556590200
C1B2H2S2P1L2M1J1E2A3,HIB,CL5Q,12,4,6,13,340,12,40,MNHVY,8.12698700000000,0.00005422461000
C1B2H2S2P1L2M1J2E1A1,HIB,CL5Q,12,4,6,13,340,15,10,MEPDG,8.70887800000000,0.00000000000000
C1B2H2S2P1L2M1J2E1A2,HIB,CL5Q,12,4,6,13,340,15,10,MNAVG,6.80859600000000,0.00000000000000
C1B2H2S2P1L2M1J2E1A3,HIB,CL5Q,12,4,6,13,340,15,10,MNHVY,12.38900000000000,0.00000000000000
C1B2H2S2P1L2M1J2E2A1,HIB,CL5Q,12,4,6,13,340,15,40,MEPDG,8.70887800000000,0.00000000000000
C1B2H2S2P1L2M1J2E2A2,HIB,CL5Q,12,4,6,13,340,15,40,MNAVG,6.80859600000000,0.00000000000000
C1B2H2S2P1L2M1J2E2A3,HIB,CL5Q,12,4,6,13,340,15,40,MNHVY,12.38900000000000,0.00000000000000
C1B2H2S2P1L2M2J1E1A1,HIB,CL5Q,12,4,6,13,590,12,10,MEPDG,0.80535780000000,0.00000000000001
C1B2H2S2P1L2M2J1E1A2,HIB,CL5Q,12,4,6,13,590,12,10,MNAVG,0.51621530000000,0.00000000000000
C1B2H2S2P1L2M2J1E1A3,HIB,CL5Q,12,4,6,13,590,12,10,MNHVY,0.92247450000000,0.00000000000001
C1B2H2S2P1L2M2J1E2A1,HIB,CL5Q,12,4,6,13,590,12,40,MEPDG,0.80535780000000,0.00000000000001
C1B2H2S2P1L2M2J1E2A2,HIB,CL5Q,12,4,6,13,590,12,40,MNAVG,0.51621530000000,0.00000000000000
C1B2H2S2P1L2M2J1E2A3,HIB,CL5Q,12,4,6,13,590,12,40,MNHVY,0.92247450000000,0.00000000000001
C1B2H2S2P1L2M2J2E1A1,HIB,CL5Q,12,4,6,13,590,15,10,MEPDG,1.88342800000000,0.00000000000005
C1B2H2S2P1L2M2J2E1A2,HIB,CL5Q,12,4,6,13,590,15,10,MNAVG,1.45536400000000,0.00000000000001
C1B2H2S2P1L2M2J2E1A3,HIB,CL5Q,12,4,6,13,590,15,10,MNHVY,2.73038500000000,0.00000000000008
C1B2H2S2P1L2M2J2E2A1,HIB,CL5Q,12,4,6,13,590,15,40,MEPDG,1.88342800000000,0.00000000000005
C1B2H2S2P1L2M2J2E2A2,HIB,CL5Q,12,4,6,13,590,15,40,MNAVG,1.45536400000000,0.00000000000001
C1B2H2S2P1L2M2J2E2A3,HIB,CL5Q,12,4,6,13,590,15,40,MNHVY,2.73038500000000,0.00000000000008
C1B2H2S2P1L2M3J1E1A1,HIB,CL5Q,12,4,6,13,840,12,10,MEPDG,0.10137590000000,0.00000761051500
C1B2H2S2P1L2M3J1E1A2,HIB,CL5Q,12,4,6,13,840,12,10,MNAVG,0.05132140000000,0.00000092421730
C1B2H2S2P1L2M3J1E1A3,HIB,CL5Q,12,4,6,13,840,12,10,MNHVY,0.08819220000000,0.00001146538000
C1B2H2S2P1L2M3J1E2A1,HIB,CL5Q,12,4,6,13,840,12,40,MEPDG,0.10137590000000,0.00000761051500
C1B2H2S2P1L2M3J1E2A2,HIB,CL5Q,12,4,6,13,840,12,40,MNAVG,0.05132140000000,0.00000092421730
C1B2H2S2P1L2M3J1E2A3,HIB,CL5Q,12,4,6,13,840,12,40,MNHVY,0.08819220000000,0.00001146538000
C1B2H2S2P1L2M3J2E1A1,HIB,CL5Q,12,4,6,13,840,15,10,MEPDG,0.35800870000000,0.00000000000012
C1B2H2S2P1L2M3J2E1A2,HIB,CL5Q,12,4,6,13,840,15,10,MNAVG,0.24159030000000,0.00000000000001
C1B2H2S2P1L2M3J2E1A3,HIB,CL5Q,12,4,6,13,840,15,10,MNHVY,0.47574540000000,0.00000000000015
C1B2H2S2P1L2M3J2E2A1,HIB,CL5Q,12,4,6,13,840,15,40,MEPDG,0.35800870000000,0.00000000000012
C1B2H2S2P1L2M3J2E2A2,HIB,CL5Q,12,4,6,13,840,15,40,MNAVG,0.24159030000000,0.00000000000001
C1B2H2S2P1L2M3J2E2A3,HIB,CL5Q,12,4,6,13,840,15,40,MNHVY,0.47574540000000,0.00000000000015
C1B2H2S2P2L1M1J1E1A1,HIB,CL5Q,12,4,7,12,340,12,10,MEPDG,26.81220000000000,0.00017698950000
C1B2H2S2P2L1M1J1E1A2,HIB,CL5Q,12,4,7,12,340,12,10,MNAVG,20.34861000000000,0.00003728518000
C1B2H2S2P2L1M1J1E1A3,HIB,CL5Q,12,4,7,12,340,12,10,MNHVY,37.10326000000000,0.00035929440000
C1B2H2S2P2L1M1J1E2A1,HIB,CL5Q,12,4,7,12,340,12,40,MEPDG,15.54243000000000,0.00017863010000
C1B2H2S2P2L1M1J1E2A2,HIB,CL5Q,12,4,7,12,340,12,40,MNAVG,11.60382000000000,0.00003640066000
C1B2H2S2P2L1M1J1E2A3,HIB,CL5Q,12,4,7,12,340,12,40,MNHVY,21.17245000000000,0.00035617910000
C1B2H2S2P2L1M1J2E1A1,HIB,CL5Q,12,4,7,12,340,15,10,MEPDG,48.03812000000000,0.00000000000174
C1B2H2S2P2L1M1J2E1A2,HIB,CL5Q,12,4,7,12,340,15,10,MNAVG,40.45700000000000,0.00000000000021
C1B2H2S2P2L1M1J2E1A3,HIB,CL5Q,12,4,7,12,340,15,10,MNHVY,75.81451000000000,0.00000000000252
C1B2H2S2P2L1M1J2E2A1,HIB,CL5Q,12,4,7,12,340,15,40,MEPDG,29.97133000000000,0.00012967120000
C1B2H2S2P2L1M1J2E2A2,HIB,CL5Q,12,4,7,12,340,15,40,MNAVG,25.18584000000000,0.00003024481000
C1B2H2S2P2L1M1J2E2A3,HIB,CL5Q,12,4,7,12,340,15,40,MNHVY,47.26472000000000,0.00026327970000
C1B2H2S2P2L1M2J1E1A1,HIB,CL5Q,12,4,7,12,590,12,10,MEPDG,1.94818000000000,0.00032990740000
C1B2H2S2P2L1M2J1E1A2,HIB,CL5Q,12,4,7,12,590,12,10,MNAVG,1.04672500000000,0.00006002467000
C1B2H2S2P2L1M2J1E1A3,HIB,CL5Q,12,4,7,12,590,12,10,MNHVY,1.93881000000000,0.00063459810000
```

```
C1B2H2S2P2L1M2J1E2A1,HIB,CL5Q,12,4,7,12,590,12,40,MEPDG,0.92100010000000,0.00029124460000
C1B2H2S2P2L1M2J1E2A2,HIB,CL5Q,12,4,7,12,590,12,40,MNAVG,0.49624990000000,0.00004857433000
C1B2H2S2P2L1M2J1E2A3,HIB,CL5Q,12,4,7,12,590,12,40,MNHVY,0.87544170000000,0.00053497040000
C1B2H2S2P2L1M2J2E1A1,HIB,CL5Q,12,4,7,12,590,15,10,MEPDG,6.01054600000000,0.00016816250000
C1B2H2S2P2L1M2J2E1A2,HIB,CL5Q,12,4,7,12,590,15,10,MNAVG,4.09417100000000,0.00003636005000
C1B2H2S2P2L1M2J2E1A3,HIB,CL5Q,12,4,7,12,590,15,10,MNHVY,8.41473600000000,0.00034327960000
C1B2H2S2P2L1M2J2E2A1,HIB,CL5Q,12,4,7,12,590,15,40,MEPDG,3.23919000000000,0.00020768620000
C1B2H2S2P2L1M2J2E2A2,HIB,CL5Q,12,4,7,12,590,15,40,MNAVG,2.26222300000000,0.00004321892000
C1B2H2S2P2L1M2J2E2A3,HIB,CL5Q,12,4,7,12,590,15,40,MNHVY,4.50439000000000,0.00041680430000
C1B2H2S2P2L1M3J1E1A1,HIB,CL5Q,12,4,7,12,840,12,10,MEPDG,0.19992540000000,0.00017825670000
C1B2H2S2P2L1M3J1E1A2,HIB,CL5Q,12,4,7,12,840,12,10,MNAVG,0.07623031000000,0.00002447288000
C1B2H2S2P2L1M3J1E1A3,HIB,CL5Q,12,4,7,12,840,12,10,MNHVY,0.13723100000000,0.00029584200000
C1B2H2S2P2L1M3J1E2A1,HIB,CL5Q,12,4,7,12,840,12,40,MEPDG,0.08244719000000,0.00012822540000
C1B2H2S2P2L1M3J1E2A2,HIB,CL5Q,12,4,7,12,840,12,40,MNAVG,0.03234602000000,0.00001488287000
C1B2H2S2P2L1M3J1E2A3,HIB,CL5Q,12,4,7,12,840,12,40,MNHVY,0.05476131000000,0.00018908960000
C1B2H2S2P2L1M3J2E1A1,HIB,CL5Q,12,4,7,12,840,15,10,MEPDG,1.03797300000000,0.00037951740000
C1B2H2S2P2L1M3J2E1A2,HIB,CL5Q,12,4,7,12,840,15,10,MNAVG,0.54402390000000,0.00006901880000
C1B2H2S2P2L1M3J2E1A3,HIB,CL5Q,12,4,7,12,840,15,10,MNHVY,1.28567200000000,0.00074151880000
C1B2H2S2P2L1M3J2E2A1,HIB,CL5Q,12,4,7,12,840,15,40,MEPDG,0.48250470000000,0.00030727750000
C1B2H2S2P2L1M3J2E2A2,HIB,CL5Q,12,4,7,12,840,15,40,MNAVG,0.26486970000000,0.00005138867000
C1B2H2S2P2L1M3J2E2A3,HIB,CL5Q,12,4,7,12,840,15,40,MNHVY,0.58569440000000,0.00057433850000
C1B2H2S2P2L2M1J1E1A1,HIB,CL5Q,12,4,7,13,340,12,10,MEPDG,4.04888600000000,0.00010049220000
C1B2H2S2P2L2M1J1E1A2,HIB,CL5Q,12,4,7,13,340,12,10,MNAVG,2.97417600000000,0.00002106562000
C1B2H2S2P2L2M1J1E1A3,HIB,CL5Q,12,4,7,13,340,12,10,MNHVY,5.46593700000000,0.00020164430000
C1B2H2S2P2L2M1J1E2A1,HIB,CL5Q,12,4,7,13,340,12,40,MEPDG,4.04888600000000,0.00010049220000
C1B2H2S2P2L2M1J1E2A2,HIB,CL5Q,12,4,7,13,340,12,40,MNAVG,2.97417600000000,0.00002106562000
C1B2H2S2P2L2M1J1E2A3,HIB,CL5Q,12,4,7,13,340,12,40,MNHVY,5.46593700000000,0.00020164430000
C1B2H2S2P2L2M1J2E1A1,HIB,CL5Q,12,4,7,13,340,15,10,MEPDG,8.56373400000000,0.00008986982000
C1B2H2S2P2L2M1J2E1A2,HIB,CL5Q,12,4,7,13,340,15,10,MNAVG,7.22185100000000,0.00002140266000
C1B2H2S2P2L2M1J2E1A3,HIB,CL5Q,12,4,7,13,340,15,10,MNHVY,13.57690000000000,0.00018255310000
C1B2H2S2P2L2M1J2E2A1,HIB,CL5Q,12,4,7,13,340,15,40,MEPDG,8.56373400000000,0.00008986982000
C1B2H2S2P2L2M1J2E2A2,HIB,CL5Q,12,4,7,13,340,15,40,MNAVG,7.22185100000000,0.00002140266000
C1B2H2S2P2L2M1J2E2A3,HIB,CL5Q,12,4,7,13,340,15,40,MNHVY,13.57690000000000,0.00018255310000
C1B2H2S2P2L2M2J1E1A1,HIB,CL5Q,12,4,7,13,590,12,10,MEPDG,0.21881770000000,0.00013791470000
C1B2H2S2P2L2M2J1E1A2,HIB,CL5Q,12,4,7,13,590,12,10,MNAVG,0.11558560000000,0.00002324567000
C1B2H2S2P2L2M2J1E1A3,HIB,CL5Q,12,4,7,13,590,12,10,MNHVY,0.20545500000000,0.00025370260000
C1B2H2S2P2L2M2J1E2A1,HIB,CL5Q,12,4,7,13,590,12,40,MEPDG,0.21881770000000,0.00013791470000
C1B2H2S2P2L2M2J1E2A2,HIB,CL5Q,12,4,7,13,590,12,40,MNAVG,0.11558560000000,0.00002324567000
C1B2H2S2P2L2M2J1E2A3,HIB,CL5Q,12,4,7,13,590,12,40,MNHVY,0.20545500000000,0.00025370260000
C1B2H2S2P2L2M2J2E1A1,HIB,CL5Q,12,4,7,13,590,15,10,MEPDG,0.87291940000000,0.00013026970000
C1B2H2S2P2L2M2J2E1A2,HIB,CL5Q,12,4,7,13,590,15,10,MNAVG,0.61201400000000,0.00002737160000
C1B2H2S2P2L2M2J2E1A3,HIB,CL5Q,12,4,7,13,590,15,10,MNHVY,1.22643500000000,0.00026171860000
C1B2H2S2P2L2M2J2E2A1,HIB,CL5Q,12,4,7,13,590,15,40,MEPDG,0.87291940000000,0.00013026970000
C1B2H2S2P2L2M2J2E2A2,HIB,CL5Q,12,4,7,13,590,15,40,MNAVG,0.61201400000000,0.00002737160000
C1B2H2S2P2L2M2J2E2A3,HIB,CL5Q,12,4,7,13,590,15,40,MNHVY,1.22643500000000,0.00026171860000
C1B2H2S2P2L2M3J1E1A1,HIB,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01796248000000,0.00005739236000
C1B2H2S2P2L2M3J1E1A2,HIB,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00692747200000,0.00000652182400
C1B2H2S2P2L2M3J1E1A3,HIB,CL5Q,12,4,7,13,840,12,10,MNHVY,0.01166191000000,0.00008286618000
C1B2H2S2P2L2M3J1E2A1,HIB,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01796248000000,0.00005739236000
C1B2H2S2P2L2M3J1E2A2,HIB,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00692747200000,0.00000652182400
```

```
C1B2H2S2P2L2M3J1E2A3,HIB,CL5Q,12,4,7,13,840,12,40,MNHVY,0.01166191000000,0.00008286618000
C1B2H2S2P2L2M3J2E1A1,HIB,CL5Q,12,4,7,13,840,15,10,MEPDG,0.12207610000000,0.00016470520000
C1B2H2S2P2L2M3J2E1A2,HIB,CL5Q,12,4,7,13,840,15,10,MNAVG,0.06700695000000,0.00002733996000
C1B2H2S2P2L2M3J2E1A3,HIB,CL5Q,12,4,7,13,840,15,10,MNHVY,0.14963680000000,0.00030572050000
C1B2H2S2P2L2M3J2E2A1,HIB,CL5Q,12,4,7,13,840,15,40,MEPDG,0.12207610000000,0.00016470520000
C1B2H2S2P2L2M3J2E2A2,HIB,CL5Q,12,4,7,13,840,15,40,MNAVG,0.06700695000000,0.00002733996000
C1B2H2S2P2L2M3J2E2A3,HIB,CL5Q,12,4,7,13,840,15,40,MNHVY,0.14963680000000,0.00030572050000
C1B2H2S2P3L1M1J1E1A1,HIB,CL5Q,12,4,8,12,340,12,10,MEPDG,10.57284000000000,0.00314795000000
C1B2H2S2P3L1M1J1E1A2,HIB,CL5Q,12,4,8,12,340,12,10,MNAVG,6.81804500000000,0.00065908880000
C1B2H2S2P3L1M1J1E1A3,HIB,CL5Q,12,4,8,12,340,12,10,MNHVY,12.70257000000000,0.00644594900000
C1B2H2S2P3L1M1J1E2A1,HIB,CL5Q,12,4,8,12,340,12,40,MEPDG,5.53981700000000,0.00235738400000
C1B2H2S2P3L1M1J1E2A2,HIB,CL5Q,12,4,8,12,340,12,40,MNAVG,3.57128600000000,0.00047834720000
C1B2H2S2P3L1M1J1E2A3,HIB,CL5Q,12,4,8,12,340,12,40,MNHVY,6.44376900000000,0.00475548100000
C1B2H2S2P3L1M1J2E1A1,HIB,CL5Q,12,4,8,12,340,15,10,MEPDG,25.74639000000000,0.00215655800000
C1B2H2S2P3L1M1J2E1A2,HIB,CL5Q,12,4,8,12,340,15,10,MNAVG,19.75107000000000,0.00050451160000
C1B2H2S2P3L1M1J2E1A3,HIB,CL5Q,12,4,8,12,340,15,10,MNHVY,38.88831000000000,0.00446380600000
C1B2H2S2P3L1M1J2E2A1,HIB,CL5Q,12,4,8,12,340,15,40,MEPDG,15.16753000000000,0.00140486200000
C1B2H2S2P3L1M1J2E2A2,HIB,CL5Q,12,4,8,12,340,15,40,MNAVG,11.86229000000000,0.00032530950000
C1B2H2S2P3L1M1J2E2A3,HIB,CL5Q,12,4,8,12,340,15,40,MNHVY,22.87196000000000,0.00288329600000
C1B2H2S2P3L1M2J1E1A1,HIB,CL5Q,12,4,8,12,590,12,10,MEPDG,0.44529520000000,0.00102974400000
C1B2H2S2P3L1M2J1E1A2,HIB,CL5Q,12,4,8,12,590,12,10,MNAVG,0.17757850000000,0.00018257290000
C1B2H2S2P3L1M2J1E1A3,HIB,CL5Q,12,4,8,12,590,12,10,MNHVY,0.32442590000000,0.00198727400000
C1B2H2S2P3L1M2J1E2A1,HIB,CL5Q,12,4,8,12,590,12,40,MEPDG,0.18576220000000,0.00070536900000
C1B2H2S2P3L1M2J1E2A2,HIB,CL5Q,12,4,8,12,590,12,40,MNAVG,0.07647137000000,0.00011549670000
C1B2H2S2P3L1M2J1E2A3,HIB,CL5Q,12,4,8,12,590,12,40,MNHVY,0.12828940000000,0.00129972000000
C1B2H2S2P3L1M2J2E1A1,HIB,CL5Q,12,4,8,12,590,15,10,MEPDG,2.13289700000000,0.00248004100000
C1B2H2S2P3L1M2J2E1A2,HIB,CL5Q,12,4,8,12,590,15,10,MNAVG,1.17296400000000,0.00052456220000
C1B2H2S2P3L1M2J2E1A3,HIB,CL5Q,12,4,8,12,590,15,10,MNHVY,2.64809400000000,0.00512103100000
C1B2H2S2P3L1M2J2E2A1,HIB,CL5Q,12,4,8,12,590,15,40,MEPDG,1.03157400000000,0.00182997800000
C1B2H2S2P3L1M2J2E2A2,HIB,CL5Q,12,4,8,12,590,15,40,MNAVG,0.59662900000000,0.00037281120000
C1B2H2S2P3L1M2J2E2A3,HIB,CL5Q,12,4,8,12,590,15,40,MNHVY,1.26130200000000,0.00371582100000
C1B2H2S2P3L1M3J1E1A1,HIB,CL5Q,12,4,8,12,840,12,10,MEPDG,0.02949902000000,0.00024293240000
C1B2H2S2P3L1M3J1E1A2,HIB,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00811463100000,0.00003203363000
C1B2H2S2P3L1M3J1E1A3,HIB,CL5Q,12,4,8,12,840,12,10,MNHVY,0.01345982000000,0.00039453030000
C1B2H2S2P3L1M3J1E2A1,HIB,CL5Q,12,4,8,12,840,12,40,MEPDG,0.01008693000000,0.00016968160000
C1B2H2S2P3L1M3J1E2A2,HIB,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00299941300000,0.00001898868000
C1B2H2S2P3L1M3J1E2A3,HIB,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00442726900000,0.00024432550000
C1B2H2S2P3L1M3J2E1A1,HIB,CL5Q,12,4,8,12,840,15,10,MEPDG,0.24090640000000,0.00108263500000
C1B2H2S2P3L1M3J2E1A2,HIB,CL5Q,12,4,8,12,840,15,10,MNAVG,0.09106306000000,0.00018912730000
C1B2H2S2P3L1M3J2E1A3,HIB,CL5Q,12,4,8,12,840,15,10,MNHVY,0.23622730000000,0.00211094500000
C1B2H2S2P3L1M3J2E2A1,HIB,CL5Q,12,4,8,12,840,15,40,MEPDG,0.09340842000000,0.00079443420000
C1B2H2S2P3L1M3J2E2A2,HIB,CL5Q,12,4,8,12,840,15,40,MNAVG,0.03796079000000,0.00012688660000
C1B2H2S2P3L1M3J2E2A3,HIB,CL5Q,12,4,8,12,840,15,40,MNHVY,0.08656356000000,0.00146980500000
C1B2H2S2P3L2M1J1E1A1,HIB,CL5Q,12,4,8,13,340,12,10,MEPDG,1.38093200000000,0.00126964900000
C1B2H2S2P3L2M1J1E1A2,HIB,CL5Q,12,4,8,13,340,12,10,MNAVG,0.87493570000000,0.00026290190000
C1B2H2S2P3L2M1J1E1A3,HIB,CL5Q,12,4,8,13,340,12,10,MNHVY,1.57939800000000,0.00256932500000
C1B2H2S2P3L2M1J1E2A1,HIB,CL5Q,12,4,8,13,340,12,40,MEPDG,1.38093200000000,0.00126964900000
C1B2H2S2P3L2M1J1E2A2,HIB,CL5Q,12,4,8,13,340,12,40,MNAVG,0.87493570000000,0.00026290190000
C1B2H2S2P3L2M1J1E2A3,HIB,CL5Q,12,4,8,13,340,12,40,MNHVY,1.57939800000000,0.00256932500000
C1B2H2S2P3L2M1J2E1A1,HIB,CL5Q,12,4,8,13,340,15,10,MEPDG,4.28999900000000,0.00083449810000
```

```
C1B2H2S2P3L2M1J2E1A2,HIB,CL5Q,12,4,8,13,340,15,10,MNAVG,3.38191900000000,0.00019659290000
C1B2H2S2P3L2M1J2E1A3,HIB,CL5Q,12,4,8,13,340,15,10,MNHVY,6.50650200000000,0.00171130100000
C1B2H2S2P3L2M1J2E2A1,HIB,CL5Q,12,4,8,13,340,15,40,MEPDG,4.28999900000000,0.00083449810000
C1B2H2S2P3L2M1J2E2A2,HIB,CL5Q,12,4,8,13,340,15,40,MNAVG,3.38191900000000,0.00019659290000
C1B2H2S2P3L2M1J2E2A3,HIB,CL5Q,12,4,8,13,340,15,40,MNHVY,6.50650200000000,0.00171130100000
C1B2H2S2P3L2M2J1E1A1,HIB,CL5Q,12,4,8,13,590,12,10,MEPDG,0.04129460000000,0.00034293210000
C1B2H2S2P3L2M2J1E1A2,HIB,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01677541000000,0.00005653961000
C1B2H2S2P3L2M2J1E1A3,HIB,CL5Q,12,4,8,13,590,12,10,MNHVY,0.02789419000000,0.00063110920000
C1B2H2S2P3L2M2J1E2A1,HIB,CL5Q,12,4,8,13,590,12,40,MEPDG,0.04129460000000,0.00034293210000
C1B2H2S2P3L2M2J1E2A2,HIB,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01677541000000,0.00005653961000
C1B2H2S2P3L2M2J1E2A3,HIB,CL5Q,12,4,8,13,590,12,40,MNHVY,0.02789419000000,0.00063110920000
C1B2H2S2P3L2M2J2E1A1,HIB,CL5Q,12,4,8,13,590,15,10,MEPDG,0.26648460000000,0.00117421600000
C1B2H2S2P3L2M2J2E1A2,HIB,CL5Q,12,4,8,13,590,15,10,MNAVG,0.15503350000000,0.00024156600000
C1B2H2S2P3L2M2J2E1A3,HIB,CL5Q,12,4,8,13,590,15,10,MNHVY,0.32828580000000,0.00238386400000
C1B2H2S2P3L2M2J2E2A1,HIB,CL5Q,12,4,8,13,590,15,40,MEPDG,0.26648460000000,0.00117421600000
C1B2H2S2P3L2M2J2E2A2,HIB,CL5Q,12,4,8,13,590,15,40,MNAVG,0.15503350000000,0.00024156600000
C1B2H2S2P3L2M2J2E2A3,HIB,CL5Q,12,4,8,13,590,15,40,MNHVY,0.32828580000000,0.00238386400000
C1B2H2S2P3L2M3J1E1A1,HIB,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00200132900000,0.00007136253000
C1B2H2S2P3L2M3J1E1A2,HIB,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00059769410000,0.00000778373500
C1B2H2S2P3L2M3J1E1A3,HIB,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00084555860000,0.00010019410000
C1B2H2S2P3L2M3J1E2A1,HIB,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00200132900000,0.00007136253000
C1B2H2S2P3L2M3J1E2A2,HIB,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00059769410000,0.00000778373500
C1B2H2S2P3L2M3J1E2A3,HIB,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00084555860000,0.00010019410000
C1B2H2S2P3L2M3J2E1A1,HIB,CL5Q,12,4,8,13,840,15,10,MEPDG,0.02293636000000,0.00042587450000
C1B2H2S2P3L2M3J2E1A2,HIB,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00935529900000,0.00006754079000
C1B2H2S2P3L2M3J2E1A3,HIB,CL5Q,12,4,8,13,840,15,10,MNHVY,0.02178309000000,0.00078159640000
C1B2H2S2P3L2M3J2E2A1,HIB,CL5Q,12,4,8,13,840,15,40,MEPDG,0.02293636000000,0.00042587450000
C1B2H2S2P3L2M3J2E2A2,HIB,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00935529900000,0.00006754079000
C1B2H2S2P3L2M3J2E2A3,HIB,CL5Q,12,4,8,13,840,15,40,MNHVY,0.02178309000000,0.00078159640000
C1B2H2S2P4L1M1J1E1A1,HIB,CL5Q,12,4,9,12,340,12,10,MEPDG,3.56585900000000,0.00580387300000
C1B2H2S2P4L1M1J1E1A2,HIB,CL5Q,12,4,9,12,340,12,10,MNAVG,1.84926700000000,0.00115522600000
C1B2H2S2P4L1M1J1E1A3,HIB,CL5Q,12,4,9,12,340,12,10,MNHVY,3.46142100000000,0.01191218000000
C1B2H2S2P4L1M1J1E2A1,HIB,CL5Q,12,4,9,12,340,12,40,MEPDG,1.70231800000000,0.00492767700000
C1B2H2S2P4L1M1J1E2A2,HIB,CL5Q,12,4,9,12,340,12,40,MNAVG,0.89953130000000,0.00095958060000
C1B2H2S2P4L1M1J1E2A3,HIB,CL5Q,12,4,9,12,340,12,40,MNHVY,1.58217000000000,0.00995668000000
C1B2H2S2P4L1M1J2E1A1,HIB,CL5Q,12,4,9,12,340,15,10,MEPDG,11.89423000000000,0.01184846000000
C1B2H2S2P4L1M1J2E1A2,HIB,CL5Q,12,4,9,12,340,15,10,MNAVG,7.96902700000000,0.00270098300000
C1B2H2S2P4L1M1J2E1A3,HIB,CL5Q,12,4,9,12,340,15,10,MNHVY,16.61616000000000,0.02477405000000
C1B2H2S2P4L1M1J2E2A1,HIB,CL5Q,12,4,9,12,340,15,40,MEPDG,6.47549700000000,0.00940901800000
C1B2H2S2P4L1M1J2E2A2,HIB,CL5Q,12,4,9,12,340,15,40,MNAVG,4.50663300000000,0.00212237600000
C1B2H2S2P4L1M1J2E2A3,HIB,CL5Q,12,4,9,12,340,15,40,MNHVY,8.98507800000000,0.01951321000000
C1B2H2S2P4L1M2J1E1A1,HIB,CL5Q,12,4,9,12,590,12,10,MEPDG,0.08392221000000,0.00136031000000
C1B2H2S2P4L1M2J1E1A2,HIB,CL5Q,12,4,9,12,590,12,10,MNAVG,0.02460098000000,0.00022147300000
C1B2H2S2P4L1M2J1E1A3,HIB,CL5Q,12,4,9,12,590,12,10,MNHVY,0.04041202000000,0.00256052100000
C1B2H2S2P4L1M2J1E2A1,HIB,CL5Q,12,4,9,12,590,12,40,MEPDG,0.03033543000000,0.00088882960000
C1B2H2S2P4L1M2J1E2A2,HIB,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00954954700000,0.00013517300000
C1B2H2S2P4L1M2J1E2A3,HIB,CL5Q,12,4,9,12,590,12,40,MNHVY,0.01389715000000,0.00159247000000
C1B2H2S2P4L1M2J2E1A1,HIB,CL5Q,12,4,9,12,590,15,10,MEPDG,0.58193340000000,0.02826624000000
C1B2H2S2P4L1M2J2E1A2,HIB,CL5Q,12,4,9,12,590,15,10,MNAVG,0.24494830000000,0.00550866700000
C1B2H2S2P4L1M2J2E1A3,HIB,CL5Q,12,4,9,12,590,15,10,MNHVY,0.58172790000000,0.05750961000000
```

```
C1B2H2S2P4L1M2J2E2A1,HIB,CL5Q,12,4,9,12,590,15,40,MEPDG,0.24900210000000,0.00332760300000
C1B2H2S2P4L1M2J2E2A2,HIB,CL5Q,12,4,9,12,590,15,40,MNAVG,0.11277480000000,0.00064545200000
C1B2H2S2P4L1M2J2E2A3,HIB,CL5Q,12,4,9,12,590,15,40,MNHVY,0.24195620000000,0.00674829800000
C1B2H2S2P4L1M3J1E1A1,HIB,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00362176300000,0.00016372080000
C1B2H2S2P4L1M3J1E1A2,HIB,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00080170240000,0.00001938652000
C1B2H2S2P4L1M3J1E1A3,HIB,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00106067800000,0.00025018350000
C1B2H2S2P4L1M3J1E2A1,HIB,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00105572700000,0.00011335950000
C1B2H2S2P4L1M3J1E2A2,HIB,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00026891770000,0.00001157927000
C1B2H2S2P4L1M3J1E2A3,HIB,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00031635050000,0.00015318800000
C1B2H2S2P4L1M3J2E1A1,HIB,CL5Q,12,4,9,12,840,15,10,MEPDG,0.03985599000000,0.00405720000000
C1B2H2S2P4L1M3J2E1A2,HIB,CL5Q,12,4,9,12,840,15,10,MNAVG,0.01064023000000,0.00064784670000
C1B2H2S2P4L1M3J2E1A3,HIB,CL5Q,12,4,9,12,840,15,10,MNHVY,0.02696109000000,0.00754583700000
C1B2H2S2P4L1M3J2E2A1,HIB,CL5Q,12,4,9,12,840,15,40,MEPDG,0.01384465000000,0.00078901440000
C1B2H2S2P4L1M3J2E2A2,HIB,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00412483000000,0.00011780510000
C1B2H2S2P4L1M3J2E2A3,HIB,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00900264200000,0.00141964300000
C1B2H2S2P4L2M1J1E1A1,HIB,CL5Q,12,4,9,13,340,12,10,MEPDG,0.40468980000000,0.00287047000000
C1B2H2S2P4L2M1J1E1A2,HIB,CL5Q,12,4,9,13,340,12,10,MNAVG,0.21041920000000,0.00056730550000
C1B2H2S2P4L2M1J1E1A3,HIB,CL5Q,12,4,9,13,340,12,10,MNHVY,0.36710730000000,0.00581634200000
C1B2H2S2P4L2M1J1E2A1,HIB,CL5Q,12,4,9,13,340,12,40,MEPDG,0.40468980000000,0.00287047000000
C1B2H2S2P4L2M1J1E2A2,HIB,CL5Q,12,4,9,13,340,12,40,MNAVG,0.21041920000000,0.00056730550000
C1B2H2S2P4L2M1J1E2A3,HIB,CL5Q,12,4,9,13,340,12,40,MNHVY,0.36710730000000,0.00581634200000
C1B2H2S2P4L2M1J2E1A1,HIB,CL5Q,12,4,9,13,340,15,10,MEPDG,1.77484300000000,0.00587412600000
C1B2H2S2P4L2M1J2E1A2,HIB,CL5Q,12,4,9,13,340,15,10,MNAVG,1.24715700000000,0.00134594500000
C1B2H2S2P4L2M1J2E1A3,HIB,CL5Q,12,4,9,13,340,15,10,MNHVY,2.47082200000000,0.01216329000000
C1B2H2S2P4L2M1J2E2A1,HIB,CL5Q,12,4,9,13,340,15,40,MEPDG,1.77484300000000,0.00587412600000
C1B2H2S2P4L2M1J2E2A2,HIB,CL5Q,12,4,9,13,340,15,40,MNAVG,1.24715700000000,0.00134594500000
C1B2H2S2P4L2M1J2E2A3,HIB,CL5Q,12,4,9,13,340,15,40,MNHVY,2.47082200000000,0.01216329000000
C1B2H2S2P4L2M2J1E1A1,HIB,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00629835400000,0.00042247340000
C1B2H2S2P4L2M2J1E1A2,HIB,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00198893400000,0.00006437434000
C1B2H2S2P4L2M2J1E1A3,HIB,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00282179300000,0.00075512190000
C1B2H2S2P4L2M2J1E2A1,HIB,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00629835400000,0.00042247340000
C1B2H2S2P4L2M2J1E2A2,HIB,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00198893400000,0.00006437434000
C1B2H2S2P4L2M2J1E2A3,HIB,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00282179300000,0.00075512190000
C1B2H2S2P4L2M2J2E1A1,HIB,CL5Q,12,4,9,13,590,15,10,MEPDG,0.05988903000000,0.00182646900000
C1B2H2S2P4L2M2J2E1A2,HIB,CL5Q,12,4,9,13,590,15,10,MNAVG,0.02731088000000,0.00035834380000
C1B2H2S2P4L2M2J2E1A3,HIB,CL5Q,12,4,9,13,590,15,10,MNHVY,0.05785107000000,0.00370264000000
C1B2H2S2P4L2M2J2E2A1,HIB,CL5Q,12,4,9,13,590,15,40,MEPDG,0.05988903000000,0.00182646900000
C1B2H2S2P4L2M2J2E2A2,HIB,CL5Q,12,4,9,13,590,15,40,MNAVG,0.02731088000000,0.00035834380000
C1B2H2S2P4L2M2J2E2A3,HIB,CL5Q,12,4,9,13,590,15,40,MNHVY,0.05785107000000,0.00370264000000
C1B2H2S2P4L2M3J1E1A1,HIB,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00022217160000,0.00005064346000
C1B2H2S2P4L2M3J1E1A2,HIB,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00005639739000,0.00000501486000
C1B2H2S2P4L2M3J1E1A3,HIB,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00007290522000,0.00006648405000
C1B2H2S2P4L2M3J1E2A1,HIB,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00022217160000,0.00005064346000
C1B2H2S2P4L2M3J1E2A2,HIB,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00005639739000,0.00000501486000
C1B2H2S2P4L2M3J1E2A3,HIB,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00007290522000,0.00006648405000
C1B2H2S2P4L2M3J2E1A1,HIB,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00299434400000,0.00041383320000
C1B2H2S2P4L2M3J2E1A2,HIB,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00090281370000,0.00006127170000
C1B2H2S2P4L2M3J2E1A3,HIB,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00192858500000,0.00073729870000
C1B2H2S2P4L2M3J2E2A1,HIB,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00299434400000,0.00041383320000
C1B2H2S2P4L2M3J2E2A2,HIB,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00090281370000,0.00006127170000
```

```
C1B2H2S2P4L2M3J2E2A3,HIB,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00192858500000,0.00073729870000
C1B2H2S2P5L1M1J1E1A1,HIB,CL5Q,12,4,10,12,340,12,10,MEPDG,1.04261900000000,0.01242075000000
C1B2H2S2P5L1M1J1E1A2,HIB,CL5Q,12,4,10,12,340,12,10,MNAVG,0.41706560000000,0.00227449500000
C1B2H2S2P5L1M1J1E1A3,HIB,CL5Q,12,4,10,12,340,12,10,MNHVY,0.75605520000000,0.02524876000000
C1B2H2S2P5L1M1J1E2A1,HIB,CL5Q,12,4,10,12,340,12,40,MEPDG,0.44597620000000,0.00870080400000
C1B2H2S2P5L1M1J1E2A2,HIB,CL5Q,12,4,10,12,340,12,40,MNAVG,0.18520040000000,0.00156896300000
C1B2H2S2P5L1M1J1E2A3,HIB,CL5Q,12,4,10,12,340,12,40,MNHVY,0.30498350000000,0.01737829000000
C1B2H2S2P5L1M1J2E1A1,HIB,CL5Q,12,4,10,12,340,15,10,MEPDG,4.66456700000000,0.02642924000000
C1B2H2S2P5L1M1J2E1A2,HIB,CL5Q,12,4,10,12,340,15,10,MNAVG,2.63099700000000,0.00569657500000
C1B2H2S2P5L1M1J2E1A3,HIB,CL5Q,12,4,10,12,340,15,10,MNHVY,5.76494600000000,0.05561164000000
C1B2H2S2P5L1M1J2E2A1,HIB,CL5Q,12,4,10,12,340,15,40,MEPDG,2.33710600000000,0.02089150000000
C1B2H2S2P5L1M1J2E2A2,HIB,CL5Q,12,4,10,12,340,15,40,MNAVG,1.39514500000000,0.00449041400000
C1B2H2S2P5L1M1J2E2A3,HIB,CL5Q,12,4,10,12,340,15,40,MNHVY,2.85602300000000,0.04358611000000
C1B2H2S2P5L1M2J1E1A1,HIB,CL5Q,12,4,10,12,590,12,10,MEPDG,0.01446108000000,0.00108971700000
C1B2H2S2P5L1M2J1E1A2,HIB,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00334873700000,0.00015385380000
C1B2H2S2P5L1M2J1E1A3,HIB,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00470557200000,0.00194595300000
C1B2H2S2P5L1M2J1E2A1,HIB,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00452164500000,0.00071858640000
C1B2H2S2P5L1M2J1E2A2,HIB,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00118952200000,0.00009667907000
C1B2H2S2P5L1M2J1E2A3,HIB,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00145507300000,0.00122093800000
C1B2H2S2P5L1M2J2E1A1,HIB,CL5Q,12,4,10,12,590,15,10,MEPDG,0.12646310000000,0.02609479000000
C1B2H2S2P5L1M2J2E1A2,HIB,CL5Q,12,4,10,12,590,15,10,MNAVG,0.03936614000000,0.00456441800000
C1B2H2S2P5L1M2J2E1A3,HIB,CL5Q,12,4,10,12,590,15,10,MNHVY,0.09296078000000,0.05151479000000
C1B2H2S2P5L1M2J2E2A1,HIB,CL5Q,12,4,10,12,590,15,40,MEPDG,0.04765001000000,0.00363287300000
C1B2H2S2P5L1M2J2E2A2,HIB,CL5Q,12,4,10,12,590,15,40,MNAVG,0.01636449000000,0.00065684450000
C1B2H2S2P5L1M2J2E2A3,HIB,CL5Q,12,4,10,12,590,15,40,MNHVY,0.03375936000000,0.00726067600000
C1B2H2S2P5L1M3J1E1A1,HIB,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00048165220000,0.00014314710000
C1B2H2S2P5L1M3J1E1A2,HIB,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00009222935000,0.00001400356000
C1B2H2S2P5L1M3J1E1A3,HIB,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00010494320000,0.00019398550000
C1B2H2S2P5L1M3J1E2A1,HIB,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00013774260000,0.00006288393000
C1B2H2S2P5L1M3J1E2A2,HIB,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00003039812000,0.00000569989000
C1B2H2S2P5L1M3J1E2A3,HIB,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00003420148000,0.00007915805000
C1B2H2S2P5L1M3J2E1A1,HIB,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00541824400000,0.00197515000000
C1B2H2S2P5L1M3J2E1A2,HIB,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00106869700000,0.00028680490000
C1B2H2S2P5L1M3J2E1A3,HIB,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00236163500000,0.00353669600000
C1B2H2S2P5L1M3J2E2A1,HIB,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00161538300000,0.00081558560000
C1B2H2S2P5L1M3J2E2A2,HIB,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00037163730000,0.00011261990000
C1B2H2S2P5L1M3J2E2A3,HIB,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00068128660000,0.00140668200000
C1B2H2S2P5L2M1J1E1A1,HIB,CL5Q,12,4,10,13,340,12,10,MEPDG,0.10033040000000,0.00457083700000
C1B2H2S2P5L2M1J1E1A2,HIB,CL5Q,12,4,10,13,340,12,10,MNAVG,0.04118814000000,0.00083139500000
C1B2H2S2P5L2M1J1E1A3,HIB,CL5Q,12,4,10,13,340,12,10,MNHVY,0.06646169000000,0.00915840000000
C1B2H2S2P5L2M1J1E2A1,HIB,CL5Q,12,4,10,13,340,12,40,MEPDG,0.10033040000000,0.00457083700000
C1B2H2S2P5L2M1J1E2A2,HIB,CL5Q,12,4,10,13,340,12,40,MNAVG,0.04118814000000,0.00083139500000
C1B2H2S2P5L2M1J1E2A3,HIB,CL5Q,12,4,10,13,340,12,40,MNHVY,0.06646169000000,0.00915840000000
C1B2H2S2P5L2M1J2E1A1,HIB,CL5Q,12,4,10,13,340,15,10,MEPDG,0.61390300000000,0.01281248000000
C1B2H2S2P5L2M1J2E1A2,HIB,CL5Q,12,4,10,13,340,15,10,MNAVG,0.37073830000000,0.00279494900000
C1B2H2S2P5L2M1J2E1A3,HIB,CL5Q,12,4,10,13,340,15,10,MNHVY,0.75094680000000,0.02670962000000
C1B2H2S2P5L2M1J2E2A1,HIB,CL5Q,12,4,10,13,340,15,40,MEPDG,0.61390300000000,0.01281248000000
C1B2H2S2P5L2M1J2E2A2,HIB,CL5Q,12,4,10,13,340,15,40,MNAVG,0.37073830000000,0.00279494900000
C1B2H2S2P5L2M1J2E2A3,HIB,CL5Q,12,4,10,13,340,15,40,MNHVY,0.75094680000000,0.02670962000000
C1B2H2S2P5L2M2J1E1A1,HIB,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00087554750000,0.00034103340000
```

```
C1B2H2S2P5L2M2J1E1A2,HIB,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00023618800000,0.00004572493000
C1B2H2S2P5L2M2J1E1A3,HIB,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00027822610000,0.00057731590000
C1B2H2S2P5L2M2J1E2A1,HIB,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00087554750000,0.00034103340000
C1B2H2S2P5L2M2J1E2A2,HIB,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00023618800000,0.00004572493000
C1B2H2S2P5L2M2J1E2A3,HIB,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00027822610000,0.00057731590000
C1B2H2S2P5L2M2J2E1A1,HIB,CL5Q,12,4,10,13,590,15,10,MEPDG,0.01075963000000,0.00197063000000
C1B2H2S2P5L2M2J2E1A2,HIB,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00376022200000,0.00036027370000
C1B2H2S2P5L2M2J2E1A3,HIB,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00765897000000,0.00394147000000
C1B2H2S2P5L2M2J2E2A1,HIB,CL5Q,12,4,10,13,590,15,40,MEPDG,0.01075963000000,0.00197063000000
C1B2H2S2P5L2M2J2E2A2,HIB,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00376022200000,0.00036027370000
C1B2H2S2P5L2M2J2E2A3,HIB,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00765897000000,0.00394147000000
C1B2H2S2P5L2M3J1E1A1,HIB,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00002500787000,0.00002833434000
C1B2H2S2P5L2M3J1E1A2,HIB,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000568669700,0.00000250151100
C1B2H2S2P5L2M3J1E1A3,HIB,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000621074700,0.00003475370000
C1B2H2S2P5L2M3J1E2A1,HIB,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00002500787000,0.00002833434000
C1B2H2S2P5L2M3J1E2A2,HIB,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000568669700,0.00000250151100
C1B2H2S2P5L2M3J1E2A3,HIB,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000621074700,0.00003475370000
C1B2H2S2P5L2M3J2E1A1,HIB,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00032735310000,0.00028644730000
C1B2H2S2P5L2M3J2E1A2,HIB,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00007734977000,0.00003877924000
C1B2H2S2P5L2M3J2E1A3,HIB,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00013892750000,0.00048726460000
C1B2H2S2P5L2M3J2E2A1,HIB,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00032735310000,0.00028644730000
C1B2H2S2P5L2M3J2E2A2,HIB,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00007734977000,0.00003877924000
C1B2H2S2P5L2M3J2E2A3,HIB,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00013892750000,0.00048726460000
C1B2H2S2P6L1M1J1E1A1,HIB,CL5Q,12,4,11,12,340,12,10,MEPDG,0.27823200000000,0.01442347000000
C1B2H2S2P6L1M1J1E1A2,HIB,CL5Q,12,4,11,12,340,12,10,MNAVG,0.08520716000000,0.00235231800000
C1B2H2S2P6L1M1J1E1A3,HIB,CL5Q,12,4,11,12,340,12,10,MNHVY,0.14382500000000,0.02844291000000
C1B2H2S2P6L1M1J1E2A1,HIB,CL5Q,12,4,11,12,340,12,40,MEPDG,0.10625890000000,0.00985366900000
C1B2H2S2P6L1M1J1E2A2,HIB,CL5Q,12,4,11,12,340,12,40,MNAVG,0.03469929000000,0.00159662200000
C1B2H2S2P6L1M1J1E2A3,HIB,CL5Q,12,4,11,12,340,12,40,MNHVY,0.05162144000000,0.01911899000000
C1B2H2S2P6L1M1J2E1A1,HIB,CL5Q,12,4,11,12,340,15,10,MEPDG,1.55567700000000,0.03926715000000
C1B2H2S2P6L1M1J2E1A2,HIB,CL5Q,12,4,11,12,340,15,10,MNAVG,0.71012790000000,0.00787613800000
C1B2H2S2P6L1M1J2E1A3,HIB,CL5Q,12,4,11,12,340,15,10,MNHVY,1.60227400000000,0.08240103000000
C1B2H2S2P6L1M1J2E2A1,HIB,CL5Q,12,4,11,12,340,15,40,MEPDG,0.71076050000000,0.02845104000000
C1B2H2S2P6L1M1J2E2A2,HIB,CL5Q,12,4,11,12,340,15,40,MNAVG,0.34924700000000,0.00572391600000
C1B2H2S2P6L1M1J2E2A3,HIB,CL5Q,12,4,11,12,340,15,40,MNHVY,0.71953250000000,0.05919700000000
C1B2H2S2P6L1M2J1E1A1,HIB,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00262025400000,0.00073846350000
C1B2H2S2P6L1M2J1E1A2,HIB,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00052303790000,0.00008905556000
C1B2H2S2P6L1M2J1E1A3,HIB,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00063964040000,0.00122157300000
C1B2H2S2P6L1M2J1E2A1,HIB,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00072441260000,0.00051520060000
C1B2H2S2P6L1M2J1E2A2,HIB,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00017280930000,0.00005959487000
C1B2H2S2P6L1M2J1E2A3,HIB,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00018451550000,0.00081323980000
C1B2H2S2P6L1M2J2E1A1,HIB,CL5Q,12,4,11,12,590,15,10,MEPDG,0.02284553000000,0.00965422600000
C1B2H2S2P6L1M2J2E1A2,HIB,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00529860200000,0.00157045200000
C1B2H2S2P6L1M2J2E1A3,HIB,CL5Q,12,4,11,12,590,15,10,MNHVY,0.01121258000000,0.01884516000000
C1B2H2S2P6L1M2J2E2A1,HIB,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00755736000000,0.00287526300000
C1B2H2S2P6L1M2J2E2A2,HIB,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00199760500000,0.00047143330000
C1B2H2S2P6L1M2J2E2A3,HIB,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00357888800000,0.00558311700000
C1B2H2S2P6L1M3J1E1A1,HIB,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00006316996000,0.00005524937000
C1B2H2S2P6L1M3J1E1A2,HIB,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00001069865000,0.00000480729600
C1B2H2S2P6L1M3J1E1A3,HIB,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000993686400,0.00007077127000
```

```
C1B2H2S2P6L1M3J1E2A1,HIB,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00001894463000,0.00003845019000
C1B2H2S2P6L1M3J1E2A2,HIB,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000361174300,0.00000304560600
C1B2H2S2P6L1M3J1E2A3,HIB,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000350495300,0.00004457641000
C1B2H2S2P6L1M3J2E1A1,HIB,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00061418410000,0.00053350960000
C1B2H2S2P6L1M3J2E1A2,HIB,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00009795645000,0.00006758104000
C1B2H2S2P6L1M3J2E1A3,HIB,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00016731470000,0.00090493610000
C1B2H2S2P6L1M3J2E2A1,HIB,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00016070440000,0.00035459740000
C1B2H2S2P6L1M3J2E2A2,HIB,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00003148030000,0.00004257368000
C1B2H2S2P6L1M3J2E2A3,HIB,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00004468299000,0.00056855720000
C1B2H2S2P6L2M1J1E1A1,HIB,CL5Q,12,4,11,13,340,12,10,MEPDG,0.02262586000000,0.00514403500000
C1B2H2S2P6L2M1J1E1A2,HIB,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00739085900000,0.00083918440000
C1B2H2S2P6L2M1J1E1A3,HIB,CL5Q,12,4,11,13,340,12,10,MNHVY,0.01064302000000,0.01001580000000
C1B2H2S2P6L2M1J1E2A1,HIB,CL5Q,12,4,11,13,340,12,40,MEPDG,0.02262586000000,0.00514403500000
C1B2H2S2P6L2M1J1E2A2,HIB,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00739085900000,0.00083918440000
C1B2H2S2P6L2M1J1E2A3,HIB,CL5Q,12,4,11,13,340,12,40,MNHVY,0.01064302000000,0.01001580000000
C1B2H2S2P6L2M1J2E1A1,HIB,CL5Q,12,4,11,13,340,15,10,MEPDG,0.17740400000000,0.01733298000000
C1B2H2S2P6L2M1J2E1A2,HIB,CL5Q,12,4,11,13,340,15,10,MNAVG,0.08844221000000,0.00353129800000
C1B2H2S2P6L2M1J2E1A3,HIB,CL5Q,12,4,11,13,340,15,10,MNHVY,0.17947830000000,0.03609391000000
C1B2H2S2P6L2M1J2E2A1,HIB,CL5Q,12,4,11,13,340,15,40,MEPDG,0.17740400000000,0.01733298000000
C1B2H2S2P6L2M1J2E2A2,HIB,CL5Q,12,4,11,13,340,15,40,MNAVG,0.08844221000000,0.00353129800000
C1B2H2S2P6L2M1J2E2A3,HIB,CL5Q,12,4,11,13,340,15,40,MNHVY,0.17947830000000,0.03609391000000
C1B2H2S2P6L2M2J1E1A1,HIB,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00013368620000,0.00024941640000
C1B2H2S2P6L2M2J1E1A2,HIB,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00003322476000,0.00002878000000
C1B2H2S2P6L2M2J1E1A3,HIB,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00003421395000,0.00039237210000
C1B2H2S2P6L2M2J1E2A1,HIB,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00013368620000,0.00024941640000
C1B2H2S2P6L2M2J1E2A2,HIB,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00003322476000,0.00002878000000
C1B2H2S2P6L2M2J1E2A3,HIB,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00003421395000,0.00039237210000
C1B2H2S2P6L2M2J2E1A1,HIB,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00157212800000,0.00162927200000
C1B2H2S2P6L2M2J2E1A2,HIB,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00042656550000,0.00026917780000
C1B2H2S2P6L2M2J2E1A3,HIB,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00073570010000,0.00316976500000
C1B2H2S2P6L2M2J2E2A1,HIB,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00157212800000,0.00162927200000
C1B2H2S2P6L2M2J2E2A2,HIB,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00042656550000,0.00026917780000
C1B2H2S2P6L2M2J2E2A3,HIB,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00073570010000,0.00316976500000
C1B2H2S2P6L2M3J1E1A1,HIB,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000319556300,0.00001970631000
C1B2H2S2P6L2M3J1E1A2,HIB,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000063984790,0.00000152723200
C1B2H2S2P6L2M3J1E1A3,HIB,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000059266360,0.00002235197000
C1B2H2S2P6L2M3J1E2A1,HIB,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000319556300,0.00001970631000
C1B2H2S2P6L2M3J1E2A2,HIB,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000063984790,0.00000152723200
C1B2H2S2P6L2M3J1E2A3,HIB,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000059266360,0.00002235197000
C1B2H2S2P6L2M3J2E1A1,HIB,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00003265510000,0.00025558250000
C1B2H2S2P6L2M3J2E1A2,HIB,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000657205600,0.00003082062000
C1B2H2S2P6L2M3J2E1A3,HIB,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000978795800,0.00040849410000
C1B2H2S2P6L2M3J2E2A1,HIB,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00003265510000,0.00025558250000
C1B2H2S2P6L2M3J2E2A2,HIB,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000657205600,0.00003082062000
C1B2H2S2P6L2M3J2E2A3,HIB,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000978795800,0.00040849410000
C1B2H2S2P7L1M1J1E1A1,HIB,CL5Q,12,4,12,12,340,12,10,MEPDG,0.07233561000000,0.01256272000000
C1B2H2S2P7L1M1J1E1A2,HIB,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01749894000000,0.00182864300000
C1B2H2S2P7L1M1J1E1A3,HIB,CL5Q,12,4,12,12,340,12,10,MNHVY,0.02667500000000,0.02354065000000
C1B2H2S2P7L1M1J1E2A1,HIB,CL5Q,12,4,12,12,340,12,40,MEPDG,0.02501707000000,0.00880285200000
C1B2H2S2P7L1M1J1E2A2,HIB,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00675559700000,0.00127685200000
```

```
C1B2H2S2P7L1M1J1E2A3,HIB,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00898436900000,0.01627557000000
C1B2H2S2P7L1M1J2E1A1,HIB,CL5Q,12,4,12,12,340,15,10,MEPDG,0.45547010000000,0.04195353000000
C1B2H2S2P7L1M1J2E1A2,HIB,CL5Q,12,4,12,12,340,15,10,MNAVG,0.16217780000000,0.00778019000000
C1B2H2S2P7L1M1J2E1A3,HIB,CL5Q,12,4,12,12,340,15,10,MNHVY,0.36563770000000,0.08665965000000
C1B2H2S2P7L1M1J2E2A1,HIB,CL5Q,12,4,12,12,340,15,40,MEPDG,0.18752400000000,0.02961144000000
C1B2H2S2P7L1M1J2E2A2,HIB,CL5Q,12,4,12,12,340,15,40,MNAVG,0.07321376000000,0.00553721000000
C1B2H2S2P7L1M1J2E2A3,HIB,CL5Q,12,4,12,12,340,15,40,MNHVY,0.14683070000000,0.06073577000000
C1B2H2S2P7L1M2J1E1A1,HIB,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00055090940000,0.00048607080000
C1B2H2S2P7L1M2J1E1A2,HIB,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00009367734000,0.00005059893000
C1B2H2S2P7L1M2J1E1A3,HIB,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00011388980000,0.00072759300000
C1B2H2S2P7L1M2J1E2A1,HIB,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00013886450000,0.00032220540000
C1B2H2S2P7L1M2J1E2A2,HIB,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00002922402000,0.00003233104000
C1B2H2S2P7L1M2J1E2A3,HIB,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00003062306000,0.00046308640000
C1B2H2S2P7L1M2J2E1A1,HIB,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00369676100000,0.00601064000000
C1B2H2S2P7L1M2J2E1A2,HIB,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00067636040000,0.00086639940000
C1B2H2S2P7L1M2J2E1A3,HIB,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00121405000000,0.01112556000000
C1B2H2S2P7L1M2J2E2A1,HIB,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00109074500000,0.00225869500000
C1B2H2S2P7L1M2J2E2A2,HIB,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00023872310000,0.00033006820000
C1B2H2S2P7L1M2J2E2A3,HIB,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00036351180000,0.00417824100000
C1B2H2S2P7L1M3J1E1A1,HIB,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00001045900000,0.00002970553000
C1B2H2S2P7L1M3J1E1A2,HIB,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000148841300,0.00000224358300
C1B2H2S2P7L1M3J1E1A3,HIB,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000119762900,0.00003376499000
C1B2H2S2P7L1M3J1E2A1,HIB,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000291120800,0.00001962203000
C1B2H2S2P7L1M3J1E2A2,HIB,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000049056230,0.00000137186200
C1B2H2S2P7L1M3J1E2A3,HIB,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000038854240,0.00002057282000
C1B2H2S2P7L1M3J2E1A1,HIB,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00007823949000,0.00035582610000
C1B2H2S2P7L1M3J2E1A2,HIB,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00001049738000,0.00003892935000
C1B2H2S2P7L1M3J2E1A3,HIB,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00001552264000,0.00055108740000
C1B2H2S2P7L1M3J2E2A1,HIB,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00001945728000,0.00023163760000
C1B2H2S2P7L1M3J2E2A2,HIB,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000328141200,0.00002407998000
C1B2H2S2P7L1M3J2E2A3,HIB,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000427667600,0.00033896140000
C1B2H2S2P7L2M1J1E1A1,HIB,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00507093300000,0.00464113400000
C1B2H2S2P7L2M1J1E1A2,HIB,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00139579000000,0.00067941860000
C1B2H2S2P7L2M1J1E1A3,HIB,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00178295900000,0.00861965300000
C1B2H2S2P7L2M1J1E2A1,HIB,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00507093300000,0.00464113400000
C1B2H2S2P7L2M1J1E2A2,HIB,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00139579000000,0.00067941860000
C1B2H2S2P7L2M1J1E2A3,HIB,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00178295900000,0.00861965300000
C1B2H2S2P7L2M1J2E1A1,HIB,CL5Q,12,4,12,13,340,15,10,MEPDG,0.04391394000000,0.01798195000000
C1B2H2S2P7L2M1J2E1A2,HIB,CL5Q,12,4,12,13,340,15,10,MNAVG,0.01746555000000,0.00340344600000
C1B2H2S2P7L2M1J2E1A3,HIB,CL5Q,12,4,12,13,340,15,10,MNHVY,0.03420494000000,0.03697115000000
C1B2H2S2P7L2M1J2E2A1,HIB,CL5Q,12,4,12,13,340,15,40,MEPDG,0.04391394000000,0.01798195000000
C1B2H2S2P7L2M1J2E2A2,HIB,CL5Q,12,4,12,13,340,15,40,MNAVG,0.01746555000000,0.00340344600000
C1B2H2S2P7L2M1J2E2A3,HIB,CL5Q,12,4,12,13,340,15,40,MNHVY,0.03420494000000,0.03697115000000
C1B2H2S2P7L2M2J1E1A1,HIB,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00002478202000,0.00017006300000
C1B2H2S2P7L2M2J1E1A2,HIB,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000547289800,0.00001702641000
C1B2H2S2P7L2M2J1E1A3,HIB,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000551405700,0.00024373810000
C1B2H2S2P7L2M2J1E2A1,HIB,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00002478202000,0.00017006300000
C1B2H2S2P7L2M2J1E2A2,HIB,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000547289800,0.00001702641000
C1B2H2S2P7L2M2J1E2A3,HIB,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000551405700,0.00024373810000
C1B2H2S2P7L2M2J2E1A1,HIB,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00021356560000,0.00126853500000
```

```
C1B2H2S2P7L2M2J2E1A2,HIB,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00004871107000,0.00018697630000
C1B2H2S2P7L2M2J2E1A3,HIB,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00007116781000,0.00235379900000
C1B2H2S2P7L2M2J2E2A1,HIB,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00021356560000,0.00126853500000
C1B2H2S2P7L2M2J2E2A2,HIB,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00004871107000,0.00018697630000
C1B2H2S2P7L2M2J2E2A3,HIB,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00007116781000,0.00235379900000
C1B2H2S2P7L2M3J1E1A1,HIB,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000046058110,0.00001065946000
C1B2H2S2P7L2M3J1E1A2,HIB,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000008385083,0.00000073437780
C1B2H2S2P7L2M3J1E1A3,HIB,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000006288915,0.00001100108000
C1B2H2S2P7L2M3J1E2A1,HIB,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000046058110,0.00001065946000
C1B2H2S2P7L2M3J1E2A2,HIB,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000008385083,0.00000073437780
C1B2H2S2P7L2M3J1E2A3,HIB,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000006288915,0.00001100108000
C1B2H2S2P7L2M3J2E1A1,HIB,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000308596600,0.00009827653000
C1B2H2S2P7L2M3J2E1A2,HIB,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000057190750,0.00001033012000
C1B2H2S2P7L2M3J2E1A3,HIB,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000063252810,0.00014444220000
C1B2H2S2P7L2M3J2E2A1,HIB,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000308596600,0.00009827653000
C1B2H2S2P7L2M3J2E2A2,HIB,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000057190750,0.00001033012000
C1B2H2S2P7L2M3J2E2A3,HIB,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000063252810,0.00014444220000
C1B3H1S1P1L1M1J1E1A1,HIB,OGAB,4,12,6,12,340,12,10,MEPDG,183.82230000000000,1.96924800000000
C1B3H1S1P1L1M1J1E1A2,HIB,OGAB,4,12,6,12,340,12,10,MNAVG,158.54140000000000,0.25304790000000
C1B3H1S1P1L1M1J1E1A3,HIB,OGAB,4,12,6,12,340,12,10,MNHVY,283.65980000000000,2.90938400000000
C1B3H1S1P1L1M1J1E2A1,HIB,OGAB,4,12,6,12,340,12,40,MEPDG,115.33620000000000,1.15923400000000
C1B3H1S1P1L1M1J1E2A2,HIB,OGAB,4,12,6,12,340,12,40,MNAVG,94.54258000000000,0.14301180000000
C1B3H1S1P1L1M1J1E2A3,HIB,OGAB,4,12,6,12,340,12,40,MNHVY,173.32960000000000,1.66604600000000
C1B3H1S1P1L1M1J2E1A1,HIB,OGAB,4,12,6,12,340,15,10,MEPDG,229.77600000000000,1.93608300000000
C1B3H1S1P1L1M1J2E1A2,HIB,OGAB,4,12,6,12,340,15,10,MNAVG,204.90800000000000,0.34785300000000
C1B3H1S1P1L1M1J2E1A3,HIB,OGAB,4,12,6,12,340,15,10,MNHVY,371.27230000000000,3.45891600000000
C1B3H1S1P1L1M1J2E2A1,HIB,OGAB,4,12,6,12,340,15,40,MEPDG,148.48900000000000,1.14343300000000
C1B3H1S1P1L1M1J2E2A2,HIB,OGAB,4,12,6,12,340,15,40,MNAVG,126.99620000000000,0.20554930000000
C1B3H1S1P1L1M1J2E2A3,HIB,OGAB,4,12,6,12,340,15,40,MNHVY,235.78810000000000,2.04509000000000
C1B3H1S1P1L1M2J1E1A1,HIB,OGAB,4,12,6,12,590,12,10,MEPDG,15.68259000000000,0.22721130000000
C1B3H1S1P1L1M2J1E1A2,HIB,OGAB,4,12,6,12,590,12,10,MNAVG,10.70545000000000,0.02711288000000
C1B3H1S1P1L1M2J1E1A3,HIB,OGAB,4,12,6,12,590,12,10,MNHVY,18.34809000000000,0.30826500000000
C1B3H1S1P1L1M2J1E2A1,HIB,OGAB,4,12,6,12,590,12,40,MEPDG,8.50169300000000,0.12275510000000
C1B3H1S1P1L1M2J1E2A2,HIB,OGAB,4,12,6,12,590,12,40,MNAVG,5.63216900000000,0.01318126000000
C1B3H1S1P1L1M2J1E2A3,HIB,OGAB,4,12,6,12,590,12,40,MNHVY,9.57024400000000,0.15452400000000
C1B3H1S1P1L1M2J2E1A1,HIB,OGAB,4,12,6,12,590,15,10,MEPDG,28.36642000000000,0.46329130000000
C1B3H1S1P1L1M2J2E1A2,HIB,OGAB,4,12,6,12,590,15,10,MNAVG,22.07104000000000,0.08236945000000
C1B3H1S1P1L1M2J2E1A3,HIB,OGAB,4,12,6,12,590,15,10,MNHVY,40.19890000000000,0.81129770000000
C1B3H1S1P1L1M2J2E2A1,HIB,OGAB,4,12,6,12,590,15,40,MEPDG,16.42974000000000,0.24684910000000
C1B3H1S1P1L1M2J2E2A2,HIB,OGAB,4,12,6,12,590,15,40,MNAVG,12.64386000000000,0.04232349000000
C1B3H1S1P1L1M2J2E2A3,HIB,OGAB,4,12,6,12,590,15,40,MNHVY,22.94404000000000,0.42600870000000
C1B3H1S1P1L1M3J1E1A1,HIB,OGAB,4,12,6,12,840,12,10,MEPDG,2.01817900000000,0.02794135000000
C1B3H1S1P1L1M3J1E1A2,HIB,OGAB,4,12,6,12,840,12,10,MNAVG,1.04734200000000,0.00270922700000
C1B3H1S1P1L1M3J1E1A3,HIB,OGAB,4,12,6,12,840,12,10,MNHVY,1.75062000000000,0.03281684000000
C1B3H1S1P1L1M3J1E2A1,HIB,OGAB,4,12,6,12,840,12,40,MEPDG,0.94004010000000,0.01432061000000
C1B3H1S1P1L1M3J1E2A2,HIB,OGAB,4,12,6,12,840,12,40,MNAVG,0.48091070000000,0.00118825100000
C1B3H1S1P1L1M3J1E2A3,HIB,OGAB,4,12,6,12,840,12,40,MNHVY,0.76655150000000,0.01477386000000
C1B3H1S1P1L1M3J2E1A1,HIB,OGAB,4,12,6,12,840,15,10,MEPDG,5.29268300000000,0.09549055000000
C1B3H1S1P1L1M3J2E1A2,HIB,OGAB,4,12,6,12,840,15,10,MNAVG,3.50812100000000,0.01564757000000
C1B3H1S1P1L1M3J2E1A3,HIB,OGAB,4,12,6,12,840,15,10,MNHVY,6.76328700000000,0.16113410000000
```

```
C1B3H1S1P1L1M3J2E2A1,HIB,OGAB,4,12,6,12,840,15,40,MEPDG,2.73292500000000,0.04562559000000
C1B3H1S1P1L1M3J2E2A2,HIB,OGAB,4,12,6,12,840,15,40,MNAVG,1.83268000000000,0.00694631200000
C1B3H1S1P1L1M3J2E2A3,HIB,OGAB,4,12,6,12,840,15,40,MNHVY,3.42737600000000,0.07397065000000
C1B3H1S1P1L2M1J1E1A1,HIB,OGAB,4,12,6,13,340,12,10,MEPDG,30.22882000000000,0.44167990000000
C1B3H1S1P1L2M1J1E1A2,HIB,OGAB,4,12,6,13,340,12,10,MNAVG,23.98839000000000,0.05772641000000
C1B3H1S1P1L2M1J1E1A3,HIB,OGAB,4,12,6,13,340,12,10,MNHVY,44.34805000000000,0.64889900000000
C1B3H1S1P1L2M1J1E2A1,HIB,OGAB,4,12,6,13,340,12,40,MEPDG,30.22882000000000,0.44167990000000
C1B3H1S1P1L2M1J1E2A2,HIB,OGAB,4,12,6,13,340,12,40,MNAVG,23.98839000000000,0.05772641000000
C1B3H1S1P1L2M1J1E2A3,HIB,OGAB,4,12,6,13,340,12,40,MNHVY,44.34805000000000,0.64889900000000
C1B3H1S1P1L2M1J2E1A1,HIB,OGAB,4,12,6,13,340,15,10,MEPDG,40.32666000000000,0.51639230000000
C1B3H1S1P1L2M1J2E1A2,HIB,OGAB,4,12,6,13,340,15,10,MNAVG,33.77439000000000,0.09828186000000
C1B3H1S1P1L2M1J2E1A3,HIB,OGAB,4,12,6,13,340,15,10,MNHVY,63.02021000000000,0.93611060000000
C1B3H1S1P1L2M1J2E2A1,HIB,OGAB,4,12,6,13,340,15,40,MEPDG,40.32666000000000,0.51639230000000
C1B3H1S1P1L2M1J2E2A2,HIB,OGAB,4,12,6,13,340,15,40,MNAVG,33.77439000000000,0.09828186000000
C1B3H1S1P1L2M1J2E2A3,HIB,OGAB,4,12,6,13,340,15,40,MNHVY,63.02021000000000,0.93611060000000
C1B3H1S1P1L2M2J1E1A1,HIB,OGAB,4,12,6,13,590,12,10,MEPDG,2.08550700000000,0.04487772000000
C1B3H1S1P1L2M2J1E1A2,HIB,OGAB,4,12,6,13,590,12,10,MNAVG,1.33976600000000,0.00500771900000
C1B3H1S1P1L2M2J1E1A3,HIB,OGAB,4,12,6,13,590,12,10,MNHVY,2.29451100000000,0.05779930000000
C1B3H1S1P1L2M2J1E2A1,HIB,OGAB,4,12,6,13,590,12,40,MEPDG,2.08550700000000,0.04487772000000
C1B3H1S1P1L2M2J1E2A2,HIB,OGAB,4,12,6,13,590,12,40,MNAVG,1.33976600000000,0.00500771900000
C1B3H1S1P1L2M2J1E2A3,HIB,OGAB,4,12,6,13,590,12,40,MNHVY,2.29451100000000,0.05779930000000
C1B3H1S1P1L2M2J2E1A1,HIB,OGAB,4,12,6,13,590,15,10,MEPDG,4.35988600000000,0.10983360000000
C1B3H1S1P1L2M2J2E1A2,HIB,OGAB,4,12,6,13,590,15,10,MNAVG,3.33701000000000,0.01982588000000
C1B3H1S1P1L2M2J2E1A3,HIB,OGAB,4,12,6,13,590,15,10,MNHVY,6.09019400000000,0.19339320000000
C1B3H1S1P1L2M2J2E2A1,HIB,OGAB,4,12,6,13,590,15,40,MEPDG,4.35988600000000,0.10983360000000
C1B3H1S1P1L2M2J2E2A2,HIB,OGAB,4,12,6,13,590,15,40,MNAVG,3.33701000000000,0.01982588000000
C1B3H1S1P1L2M2J2E2A3,HIB,OGAB,4,12,6,13,590,15,40,MNHVY,6.09019400000000,0.19339320000000
C1B3H1S1P1L2M3J1E1A1,HIB,OGAB,4,12,6,13,840,12,10,MEPDG,0.21157810000000,0.00491697200000
C1B3H1S1P1L2M3J1E1A2,HIB,OGAB,4,12,6,13,840,12,10,MNAVG,0.10471580000000,0.00041005090000
C1B3H1S1P1L2M3J1E1A3,HIB,OGAB,4,12,6,13,840,12,10,MNHVY,0.16472740000000,0.00509457900000
C1B3H1S1P1L2M3J1E2A1,HIB,OGAB,4,12,6,13,840,12,40,MEPDG,0.21157810000000,0.00491697200000
C1B3H1S1P1L2M3J1E2A2,HIB,OGAB,4,12,6,13,840,12,40,MNAVG,0.10471580000000,0.00041005090000
C1B3H1S1P1L2M3J1E2A3,HIB,OGAB,4,12,6,13,840,12,40,MNHVY,0.16472740000000,0.00509457900000
C1B3H1S1P1L2M3J2E1A1,HIB,OGAB,4,12,6,13,840,15,10,MEPDG,0.69740860000000,0.01888912000000
C1B3H1S1P1L2M3J2E1A2,HIB,OGAB,4,12,6,13,840,15,10,MNAVG,0.46735520000000,0.00297305000000
C1B3H1S1P1L2M3J2E1A3,HIB,OGAB,4,12,6,13,840,15,10,MNHVY,0.88168470000000,0.03121495000000
C1B3H1S1P1L2M3J2E2A1,HIB,OGAB,4,12,6,13,840,15,40,MEPDG,0.69740860000000,0.01888912000000
C1B3H1S1P1L2M3J2E2A2,HIB,OGAB,4,12,6,13,840,15,40,MNAVG,0.46735520000000,0.00297305000000
C1B3H1S1P1L2M3J2E2A3,HIB,OGAB,4,12,6,13,840,15,40,MNHVY,0.88168470000000,0.03121495000000
C1B3H1S1P2L1M1J1E1A1,HIB,OGAB,4,12,7,12,340,12,10,MEPDG,73.24583000000000,1.56569700000000
C1B3H1S1P2L1M1J1E1A2,HIB,OGAB,4,12,7,12,340,12,10,MNAVG,57.23734000000000,0.22797720000000
C1B3H1S1P2L1M1J1E1A3,HIB,OGAB,4,12,7,12,340,12,10,MNHVY,102.86820000000000,2.50454700000000
C1B3H1S1P2L1M1J1E2A1,HIB,OGAB,4,12,7,12,340,12,40,MEPDG,42.81361000000000,0.90592500000000
C1B3H1S1P2L1M1J1E2A2,HIB,OGAB,4,12,7,12,340,12,40,MNAVG,32.55645000000000,0.12375430000000
C1B3H1S1P2L1M1J1E2A3,HIB,OGAB,4,12,7,12,340,12,40,MNHVY,58.28398000000000,1.39015000000000
C1B3H1S1P2L1M1J2E1A1,HIB,OGAB,4,12,7,12,340,15,10,MEPDG,119.27030000000000,2.35969500000000
C1B3H1S1P2L1M1J2E1A2,HIB,OGAB,4,12,7,12,340,15,10,MNAVG,101.35880000000000,0.45375400000000
C1B3H1S1P2L1M1J2E1A3,HIB,OGAB,4,12,7,12,340,15,10,MNHVY,187.96760000000000,4.37900400000000
C1B3H1S1P2L1M1J2E2A1,HIB,OGAB,4,12,7,12,340,15,40,MEPDG,74.11870000000000,1.39289100000000
C1B3H1S1P2L1M1J2E2A2,HIB,OGAB,4,12,7,12,340,15,40,MNAVG,62.23469000000000,0.26487230000000
```

```
C1B3H1S1P2L1M1J2E2A3,HIB,OGAB,4,12,7,12,340,15,40,MNHVY,115.38810000000000,2.57027600000000
C1B3H1S1P2L1M2J1E1A1,HIB,OGAB,4,12,7,12,590,12,10,MEPDG,3.97044400000000,0.10387670000000
C1B3H1S1P2L1M2J1E1A2,HIB,OGAB,4,12,7,12,590,12,10,MNAVG,2.12198600000000,0.01320763000000
C1B3H1S1P2L1M2J1E1A3,HIB,OGAB,4,12,7,12,590,12,10,MNHVY,3.71418400000000,0.15252650000000
C1B3H1S1P2L1M2J1E2A1,HIB,OGAB,4,12,7,12,590,12,40,MEPDG,1.87030500000000,0.05519144000000
C1B3H1S1P2L1M2J1E2A2,HIB,OGAB,4,12,7,12,590,12,40,MNAVG,0.99360640000000,0.00634396400000
C1B3H1S1P2L1M2J1E2A3,HIB,OGAB,4,12,7,12,590,12,40,MNHVY,1.63447100000000,0.07468069000000
C1B3H1S1P2L1M2J2E1A1,HIB,OGAB,4,12,7,12,590,15,10,MEPDG,11.11540000000000,0.32778340000000
C1B3H1S1P2L1M2J2E1A2,HIB,OGAB,4,12,7,12,590,15,10,MNAVG,7.51060600000000,0.06121255000000
C1B3H1S1P2L1M2J2E1A3,HIB,OGAB,4,12,7,12,590,15,10,MNHVY,14.88961000000000,0.60149710000000
C1B3H1S1P2L1M2J2E2A1,HIB,OGAB,4,12,7,12,590,15,40,MEPDG,5.76465700000000,0.17209880000000
C1B3H1S1P2L1M2J2E2A2,HIB,OGAB,4,12,7,12,590,15,40,MNAVG,3.96145400000000,0.03093802000000
C1B3H1S1P2L1M2J2E2A3,HIB,OGAB,4,12,7,12,590,15,40,MNHVY,7.50847300000000,0.30933770000000
C1B3H1S1P2L1M3J1E1A1,HIB,OGAB,4,12,7,12,840,12,10,MEPDG,0.35698740000000,0.00808745800000
C1B3H1S1P2L1M3J1E1A2,HIB,OGAB,4,12,7,12,840,12,10,MNAVG,0.13197750000000,0.00080401960000
C1B3H1S1P2L1M3J1E1A3,HIB,OGAB,4,12,7,12,840,12,10,MNHVY,0.21908080000000,0.01001975000000
C1B3H1S1P2L1M3J1E2A1,HIB,OGAB,4,12,7,12,840,12,40,MEPDG,0.14127870000000,0.00410018600000
C1B3H1S1P2L1M3J1E2A2,HIB,OGAB,4,12,7,12,840,12,40,MNAVG,0.05352711000000,0.00034849990000
C1B3H1S1P2L1M3J1E2A3,HIB,OGAB,4,12,7,12,840,12,40,MNHVY,0.08009411000000,0.00445844000000
C1B3H1S1P2L1M3J2E1A1,HIB,OGAB,4,12,7,12,840,15,10,MEPDG,1.60162000000000,0.04346131000000
C1B3H1S1P2L1M3J2E1A2,HIB,OGAB,4,12,7,12,840,15,10,MNAVG,0.83213330000000,0.00715586400000
C1B3H1S1P2L1M3J2E1A3,HIB,OGAB,4,12,7,12,840,15,10,MNHVY,1.82899900000000,0.07624555000000
C1B3H1S1P2L1M3J2E2A1,HIB,OGAB,4,12,7,12,840,15,40,MEPDG,0.73009250000000,0.02063541000000
C1B3H1S1P2L1M3J2E2A2,HIB,OGAB,4,12,7,12,840,15,40,MNAVG,0.39720410000000,0.00317961100000
C1B3H1S1P2L1M3J2E2A3,HIB,OGAB,4,12,7,12,840,15,40,MNHVY,0.81027540000000,0.03459070000000
C1B3H1S1P2L2M1J1E1A1,HIB,OGAB,4,12,7,13,340,12,10,MEPDG,11.05029000000000,0.36436370000000
C1B3H1S1P2L2M1J1E1A2,HIB,OGAB,4,12,7,13,340,12,10,MNAVG,8.18639100000000,0.05221816000000
C1B3H1S1P2L2M1J1E1A3,HIB,OGAB,4,12,7,13,340,12,10,MNHVY,14.69828000000000,0.57127080000000
C1B3H1S1P2L2M1J1E2A1,HIB,OGAB,4,12,7,13,340,12,40,MEPDG,11.05029000000000,0.36436370000000
C1B3H1S1P2L2M1J1E2A2,HIB,OGAB,4,12,7,13,340,12,40,MNAVG,8.18639100000000,0.05221816000000
C1B3H1S1P2L2M1J1E2A3,HIB,OGAB,4,12,7,13,340,12,40,MNHVY,14.69828000000000,0.57127080000000
C1B3H1S1P2L2M1J2E1A1,HIB,OGAB,4,12,7,13,340,15,10,MEPDG,20.59474000000000,0.66938250000000
C1B3H1S1P2L2M1J2E1A2,HIB,OGAB,4,12,7,13,340,15,10,MNAVG,17.19239000000000,0.13393130000000
C1B3H1S1P2L2M1J2E1A3,HIB,OGAB,4,12,7,13,340,15,10,MNHVY,31.83852000000000,1.25008700000000
C1B3H1S1P2L2M1J2E2A1,HIB,OGAB,4,12,7,13,340,15,40,MEPDG,20.59474000000000,0.66938250000000
C1B3H1S1P2L2M1J2E2A2,HIB,OGAB,4,12,7,13,340,15,40,MNAVG,17.19239000000000,0.13393130000000
C1B3H1S1P2L2M1J2E2A3,HIB,OGAB,4,12,7,13,340,15,40,MNHVY,31.83852000000000,1.25008700000000
C1B3H1S1P2L2M2J1E1A1,HIB,OGAB,4,12,7,13,590,12,10,MEPDG,0.43568690000000,0.02091090000000
C1B3H1S1P2L2M2J1E1A2,HIB,OGAB,4,12,7,13,590,12,10,MNAVG,0.22550250000000,0.00248065600000
C1B3H1S1P2L2M2J1E1A3,HIB,OGAB,4,12,7,13,590,12,10,MNHVY,0.36867900000000,0.02887113000000
C1B3H1S1P2L2M2J1E2A1,HIB,OGAB,4,12,7,13,590,12,40,MEPDG,0.43568690000000,0.02091090000000
C1B3H1S1P2L2M2J1E2A2,HIB,OGAB,4,12,7,13,590,12,40,MNAVG,0.22550250000000,0.00248065600000
C1B3H1S1P2L2M2J1E2A3,HIB,OGAB,4,12,7,13,590,12,40,MNHVY,0.36867900000000,0.02887113000000
C1B3H1S1P2L2M2J2E1A1,HIB,OGAB,4,12,7,13,590,15,10,MEPDG,1.49714300000000,0.07903753000000
C1B3H1S1P2L2M2J2E1A2,HIB,OGAB,4,12,7,13,590,15,10,MNAVG,1.02956900000000,0.01470425000000
C1B3H1S1P2L2M2J2E1A3,HIB,OGAB,4,12,7,13,590,15,10,MNHVY,1.94495400000000,0.14439420000000
C1B3H1S1P2L2M2J2E2A1,HIB,OGAB,4,12,7,13,590,15,40,MEPDG,1.49714300000000,0.07903753000000
C1B3H1S1P2L2M2J2E2A2,HIB,OGAB,4,12,7,13,590,15,40,MNAVG,1.02956900000000,0.01470425000000
C1B3H1S1P2L2M2J2E2A3,HIB,OGAB,4,12,7,13,590,15,40,MNHVY,1.94495400000000,0.14439420000000
C1B3H1S1P2L2M3J1E1A1,HIB,OGAB,4,12,7,13,840,12,10,MEPDG,0.03028660000000,0.00146179600000
```

```
C1B3H1S1P2L2M3J1E1A2,HIB,OGAB,4,12,7,13,840,12,10,MNAVG,0.01130951000000,0.00012534780000
C1B3H1S1P2L2M3J1E1A3,HIB,OGAB,4,12,7,13,840,12,10,MNHVY,0.01659041000000,0.00159622300000
C1B3H1S1P2L2M3J1E2A1,HIB,OGAB,4,12,7,13,840,12,40,MEPDG,0.03028660000000,0.00146179600000
C1B3H1S1P2L2M3J1E2A2,HIB,OGAB,4,12,7,13,840,12,40,MNAVG,0.01130951000000,0.00012534780000
C1B3H1S1P2L2M3J1E2A3,HIB,OGAB,4,12,7,13,840,12,40,MNHVY,0.01659041000000,0.00159622300000
C1B3H1S1P2L2M3J2E1A1,HIB,OGAB,4,12,7,13,840,15,10,MEPDG,0.17897840000000,0.00884263000000
C1B3H1S1P2L2M3J2E1A2,HIB,OGAB,4,12,7,13,840,15,10,MNAVG,0.09756591000000,0.00138810200000
C1B3H1S1P2L2M3J2E1A3,HIB,OGAB,4,12,7,13,840,15,10,MNHVY,0.19910260000000,0.01503202000000
C1B3H1S1P2L2M3J2E2A1,HIB,OGAB,4,12,7,13,840,15,40,MEPDG,0.17897840000000,0.00884263000000
C1B3H1S1P2L2M3J2E2A2,HIB,OGAB,4,12,7,13,840,15,40,MNAVG,0.09756591000000,0.00138810200000
C1B3H1S1P2L2M3J2E2A3,HIB,OGAB,4,12,7,13,840,15,40,MNHVY,0.19910260000000,0.01503202000000
C1B3H1S1P3L1M1J1E1A1,HIB,OGAB,4,12,8,12,340,12,10,MEPDG,23.93992000000000,1.09287400000000
C1B3H1S1P3L1M1J1E1A2,HIB,OGAB,4,12,8,12,340,12,10,MNAVG,15.60387000000000,0.16999640000000
C1B3H1S1P3L1M1J1E1A3,HIB,OGAB,4,12,8,12,340,12,10,MNHVY,28.30216000000000,1.86575700000000
C1B3H1S1P3L1M1J1E2A1,HIB,OGAB,4,12,8,12,340,12,40,MEPDG,12.70411000000000,0.62422110000000
C1B3H1S1P3L1M1J1E2A2,HIB,OGAB,4,12,8,12,340,12,40,MNAVG,8.21310500000000,0.09173834000000
C1B3H1S1P3L1M1J1E2A3,HIB,OGAB,4,12,8,12,340,12,40,MNHVY,14.35092000000000,1.02039300000000
C1B3H1S1P3L1M1J2E1A1,HIB,OGAB,4,12,8,12,340,15,10,MEPDG,52.65697000000000,2.24678100000000
C1B3H1S1P3L1M1J2E1A2,HIB,OGAB,4,12,8,12,340,15,10,MNAVG,40.10215000000000,0.45162860000000
C1B3H1S1P3L1M1J2E1A3,HIB,OGAB,4,12,8,12,340,15,10,MNHVY,77.80251000000000,4.31814100000000
C1B3H1S1P3L1M1J2E2A1,HIB,OGAB,4,12,8,12,340,15,40,MEPDG,30.61800000000000,1.31261200000000
C1B3H1S1P3L1M1J2E2A2,HIB,OGAB,4,12,8,12,340,15,40,MNAVG,23.59995000000000,0.25962580000000
C1B3H1S1P3L1M1J2E2A3,HIB,OGAB,4,12,8,12,340,15,40,MNHVY,44.64701000000000,2.49683000000000
C1B3H1S1P3L1M2J1E1A1,HIB,OGAB,4,12,8,12,590,12,10,MEPDG,0.80629920000000,0.04460662000000
C1B3H1S1P3L1M2J1E1A2,HIB,OGAB,4,12,8,12,590,12,10,MNAVG,0.31032200000000,0.00598183900000
C1B3H1S1P3L1M2J1E1A3,HIB,OGAB,4,12,8,12,590,12,10,MNHVY,0.52954480000000,0.07000311000000
C1B3H1S1P3L1M2J1E2A1,HIB,OGAB,4,12,8,12,590,12,40,MEPDG,0.33316450000000,0.02360343000000
C1B3H1S1P3L1M2J1E2A2,HIB,OGAB,4,12,8,12,590,12,40,MNAVG,0.13174380000000,0.00287588800000
C1B3H1S1P3L1M2J1E2A3,HIB,OGAB,4,12,8,12,590,12,40,MNHVY,0.20325160000000,0.03438026000000
C1B3H1S1P3L1M2J2E1A1,HIB,OGAB,4,12,8,12,590,15,10,MEPDG,3.34756900000000,0.19783420000000
C1B3H1S1P3L1M2J2E1A2,HIB,OGAB,4,12,8,12,590,15,10,MNAVG,1.78590500000000,0.03720940000000
C1B3H1S1P3L1M2J2E1A3,HIB,OGAB,4,12,8,12,590,15,10,MNHVY,3.84555200000000,0.37748770000000
C1B3H1S1P3L1M2J2E2A1,HIB,OGAB,4,12,8,12,590,15,40,MEPDG,1.58546700000000,0.10429100000000
C1B3H1S1P3L1M2J2E2A2,HIB,OGAB,4,12,8,12,590,15,40,MNAVG,0.88740030000000,0.01898248000000
C1B3H1S1P3L1M2J2E2A3,HIB,OGAB,4,12,8,12,590,15,40,MNHVY,1.77327100000000,0.19443380000000
C1B3H1S1P3L1M3J1E1A1,HIB,OGAB,4,12,8,12,840,12,10,MEPDG,0.04830008000000,0.00239614400000
C1B3H1S1P3L1M3J1E1A2,HIB,OGAB,4,12,8,12,840,12,10,MNAVG,0.01272043000000,0.00024973060000
C1B3H1S1P3L1M3J1E1A3,HIB,OGAB,4,12,8,12,840,12,10,MNHVY,0.01875340000000,0.00313046400000
C1B3H1S1P3L1M3J1E2A1,HIB,OGAB,4,12,8,12,840,12,40,MEPDG,0.01619604000000,0.00123148600000
C1B3H1S1P3L1M3J1E2A2,HIB,OGAB,4,12,8,12,840,12,40,MNAVG,0.00466148600000,0.00011114680000
C1B3H1S1P3L1M3J1E2A3,HIB,OGAB,4,12,8,12,840,12,40,MNHVY,0.00601253200000,0.00143195100000
C1B3H1S1P3L1M3J2E1A1,HIB,OGAB,4,12,8,12,840,15,10,MEPDG,0.32294020000000,0.01876480000000
C1B3H1S1P3L1M3J2E1A2,HIB,OGAB,4,12,8,12,840,15,10,MNAVG,0.11840970000000,0.00306200000000
C1B3H1S1P3L1M3J2E1A3,HIB,OGAB,4,12,8,12,840,15,10,MNHVY,0.27842040000000,0.03397403000000
C1B3H1S1P3L1M3J2E2A1,HIB,OGAB,4,12,8,12,840,15,40,MEPDG,0.12652610000000,0.00920461200000
C1B3H1S1P3L1M3J2E2A2,HIB,OGAB,4,12,8,12,840,15,40,MNAVG,0.05014252000000,0.00141337400000
C1B3H1S1P3L1M3J2E2A3,HIB,OGAB,4,12,8,12,840,15,40,MNHVY,0.10428870000000,0.01595080000000
C1B3H1S1P3L2M1J1E1A1,HIB,OGAB,4,12,8,13,340,12,10,MEPDG,3.14584000000000,0.26213520000000
C1B3H1S1P3L2M1J1E1A2,HIB,OGAB,4,12,8,13,340,12,10,MNAVG,1.98244500000000,0.04009134000000
C1B3H1S1P3L2M1J1E1A3,HIB,OGAB,4,12,8,13,340,12,10,MNHVY,3.44881800000000,0.43733220000000
```

```
C1B3H1S1P3L2M1J1E2A1,HIB,OGAB,4,12,8,13,340,12,40,MEPDG,3.14584000000000,0.26213520000000
C1B3H1S1P3L2M1J1E2A2,HIB,OGAB,4,12,8,13,340,12,40,MNAVG,1.98244500000000,0.04009134000000
C1B3H1S1P3L2M1J1E2A3,HIB,OGAB,4,12,8,13,340,12,40,MNHVY,3.44881800000000,0.43733220000000
C1B3H1S1P3L2M1J2E1A1,HIB,OGAB,4,12,8,13,340,15,10,MEPDG,8.40676400000000,0.65439110000000
C1B3H1S1P3L2M1J2E1A2,HIB,OGAB,4,12,8,13,340,15,10,MNAVG,6.48319700000000,0.13471280000000
C1B3H1S1P3L2M1J2E1A3,HIB,OGAB,4,12,8,13,340,15,10,MNHVY,12.19813000000000,1.25782900000000
C1B3H1S1P3L2M1J2E2A1,HIB,OGAB,4,12,8,13,340,15,40,MEPDG,8.40676400000000,0.65439110000000
C1B3H1S1P3L2M1J2E2A2,HIB,OGAB,4,12,8,13,340,15,40,MNAVG,6.48319700000000,0.13471280000000
C1B3H1S1P3L2M1J2E2A3,HIB,OGAB,4,12,8,13,340,15,40,MNHVY,12.19813000000000,1.25782900000000
C1B3H1S1P3L2M2J1E1A1,HIB,OGAB,4,12,8,13,590,12,10,MEPDG,0.07307840000000,0.00929969400000
C1B3H1S1P3L2M2J1E1A2,HIB,OGAB,4,12,8,13,590,12,10,MNAVG,0.02847764000000,0.00117150200000
C1B3H1S1P3L2M2J1E1A3,HIB,OGAB,4,12,8,13,590,12,10,MNHVY,0.04302750000000,0.01380432000000
C1B3H1S1P3L2M2J1E2A1,HIB,OGAB,4,12,8,13,590,12,40,MEPDG,0.07307840000000,0.00929969400000
C1B3H1S1P3L2M2J1E2A2,HIB,OGAB,4,12,8,13,590,12,40,MNAVG,0.02847764000000,0.00117150200000
C1B3H1S1P3L2M2J1E2A3,HIB,OGAB,4,12,8,13,590,12,40,MNHVY,0.04302750000000,0.01380432000000
C1B3H1S1P3L2M2J2E1A1,HIB,OGAB,4,12,8,13,590,15,10,MEPDG,0.39676000000000,0.04945201000000
C1B3H1S1P3L2M2J2E1A2,HIB,OGAB,4,12,8,13,590,15,10,MNAVG,0.22351320000000,0.00925701800000
C1B3H1S1P3L2M2J2E1A3,HIB,OGAB,4,12,8,13,590,15,10,MNHVY,0.44268210000000,0.09346123000000
C1B3H1S1P3L2M2J2E2A1,HIB,OGAB,4,12,8,13,590,15,40,MEPDG,0.39676000000000,0.04945201000000
C1B3H1S1P3L2M2J2E2A2,HIB,OGAB,4,12,8,13,590,15,40,MNAVG,0.22351320000000,0.00925701800000
C1B3H1S1P3L2M2J2E2A3,HIB,OGAB,4,12,8,13,590,15,40,MNHVY,0.44268210000000,0.09346123000000
C1B3H1S1P3L2M3J1E1A1,HIB,OGAB,4,12,8,13,840,12,10,MEPDG,0.00322863200000,0.00046326970000
C1B3H1S1P3L2M3J1E1A2,HIB,OGAB,4,12,8,13,840,12,10,MNAVG,0.00094056480000,0.00004242315000
C1B3H1S1P3L2M3J1E1A3,HIB,OGAB,4,12,8,13,840,12,10,MNHVY,0.00117382500000,0.00054329230000
C1B3H1S1P3L2M3J1E2A1,HIB,OGAB,4,12,8,13,840,12,40,MEPDG,0.00322863200000,0.00046326970000
C1B3H1S1P3L2M3J1E2A2,HIB,OGAB,4,12,8,13,840,12,40,MNAVG,0.00094056480000,0.00004242315000
C1B3H1S1P3L2M3J1E2A3,HIB,OGAB,4,12,8,13,840,12,40,MNHVY,0.00117382500000,0.00054329230000
C1B3H1S1P3L2M3J2E1A1,HIB,OGAB,4,12,8,13,840,15,10,MEPDG,0.02879132000000,0.00408172600000
C1B3H1S1P3L2M3J2E1A2,HIB,OGAB,4,12,8,13,840,15,10,MNAVG,0.01148118000000,0.00063982300000
C1B3H1S1P3L2M3J2E1A3,HIB,OGAB,4,12,8,13,840,15,10,MNHVY,0.02352170000000,0.00715198400000
C1B3H1S1P3L2M3J2E2A1,HIB,OGAB,4,12,8,13,840,15,40,MEPDG,0.02879132000000,0.00408172600000
C1B3H1S1P3L2M3J2E2A2,HIB,OGAB,4,12,8,13,840,15,40,MNAVG,0.01148118000000,0.00063982300000
C1B3H1S1P3L2M3J2E2A3,HIB,OGAB,4,12,8,13,840,15,40,MNHVY,0.02352170000000,0.00715198400000
C1B3H1S1P4L1M1J1E1A1,HIB,OGAB,4,12,9,12,340,12,10,MEPDG,7.03524600000000,0.65117480000000
C1B3H1S1P4L1M1J1E1A2,HIB,OGAB,4,12,9,12,340,12,10,MNAVG,3.60873700000000,0.10186310000000
C1B3H1S1P4L1M1J1E1A3,HIB,OGAB,4,12,9,12,340,12,10,MNHVY,6.51228800000000,1.15190000000000
C1B3H1S1P4L1M1J1E2A1,HIB,OGAB,4,12,9,12,340,12,40,MEPDG,3.35869100000000,0.36863690000000
C1B3H1S1P4L1M1J1E2A2,HIB,OGAB,4,12,9,12,340,12,40,MNAVG,1.73681600000000,0.05447046000000
C1B3H1S1P4L1M1J1E2A3,HIB,OGAB,4,12,9,12,340,12,40,MNHVY,2.91516700000000,0.62376820000000
C1B3H1S1P4L1M1J2E1A1,HIB,OGAB,4,12,9,12,340,15,10,MEPDG,20.86987000000000,1.71364000000000
C1B3H1S1P4L1M1J2E1A2,HIB,OGAB,4,12,9,12,340,15,10,MNAVG,13.69043000000000,0.34176600000000
C1B3H1S1P4L1M1J2E1A3,HIB,OGAB,4,12,9,12,340,15,10,MNHVY,27.93176000000000,3.37005500000000
C1B3H1S1P4L1M1J2E2A1,HIB,OGAB,4,12,9,12,340,15,40,MEPDG,11.18488000000000,1.00892700000000
C1B3H1S1P4L1M1J2E2A2,HIB,OGAB,4,12,9,12,340,15,40,MNAVG,7.57857400000000,0.19869070000000
C1B3H1S1P4L1M1J2E2A3,HIB,OGAB,4,12,9,12,340,15,40,MNHVY,14.70947000000000,1.95932000000000
C1B3H1S1P4L1M2J1E1A1,HIB,OGAB,4,12,9,12,590,12,10,MEPDG,0.14147300000000,0.01727878000000
C1B3H1S1P4L1M2J1E1A2,HIB,OGAB,4,12,9,12,590,12,10,MNAVG,0.03917842000000,0.00225517000000
C1B3H1S1P4L1M2J1E1A3,HIB,OGAB,4,12,9,12,590,12,10,MNHVY,0.06028885000000,0.02728394000000
C1B3H1S1P4L1M2J1E2A1,HIB,OGAB,4,12,9,12,590,12,40,MEPDG,0.05077494000000,0.00941162700000
C1B3H1S1P4L1M2J1E2A2,HIB,OGAB,4,12,9,12,590,12,40,MNAVG,0.01516291000000,0.00113603500000
```

```
C1B3H1S1P4L1M2J1E2A3,HIB,OGAB,4,12,9,12,590,12,40,MNHVY,0.02047471000000,0.01396796000000
C1B3H1S1P4L1M2J2E1A1,HIB,OGAB,4,12,9,12,590,15,10,MEPDG,0.79404740000000,0.10351850000000
C1B3H1S1P4L1M2J2E1A2,HIB,OGAB,4,12,9,12,590,15,10,MNAVG,0.31489980000000,0.01869117000000
C1B3H1S1P4L1M2J2E1A3,HIB,OGAB,4,12,9,12,590,15,10,MNHVY,0.70102750000000,0.20047390000000
C1B3H1S1P4L1M2J2E2A1,HIB,OGAB,4,12,9,12,590,15,40,MEPDG,0.33126840000000,0.05539069000000
C1B3H1S1P4L1M2J2E2A2,HIB,OGAB,4,12,9,12,590,15,40,MNAVG,0.14105770000000,0.00972505400000
C1B3H1S1P4L1M2J2E2A3,HIB,OGAB,4,12,9,12,590,15,40,MNHVY,0.28058570000000,0.10485280000000
C1B3H1S1P4L1M3J1E1A1,HIB,OGAB,4,12,9,12,840,12,10,MEPDG,0.00611130500000,0.00067302460000
C1B3H1S1P4L1M3J1E1A2,HIB,OGAB,4,12,9,12,840,12,10,MNAVG,0.00130100400000,0.00006645339000
C1B3H1S1P4L1M3J1E1A3,HIB,OGAB,4,12,9,12,840,12,10,MNHVY,0.00160186100000,0.00085889860000
C1B3H1S1P4L1M3J1E2A1,HIB,OGAB,4,12,9,12,840,12,40,MEPDG,0.00173282900000,0.00038307950000
C1B3H1S1P4L1M3J1E2A2,HIB,OGAB,4,12,9,12,840,12,40,MNAVG,0.00043396440000,0.00003395502000
C1B3H1S1P4L1M3J1E2A3,HIB,OGAB,4,12,9,12,840,12,40,MNHVY,0.00046127990000,0.00044620070000
C1B3H1S1P4L1M3J2E1A1,HIB,OGAB,4,12,9,12,840,15,10,MEPDG,0.04887153000000,0.00751744200000
C1B3H1S1P4L1M3J2E1A2,HIB,OGAB,4,12,9,12,840,15,10,MNAVG,0.01249287000000,0.00116053200000
C1B3H1S1P4L1M3J2E1A3,HIB,OGAB,4,12,9,12,840,15,10,MNHVY,0.02744408000000,0.01352232000000
C1B3H1S1P4L1M3J2E2A1,HIB,OGAB,4,12,9,12,840,15,40,MEPDG,0.01646464000000,0.00383160100000
C1B3H1S1P4L1M3J2E2A2,HIB,OGAB,4,12,9,12,840,15,40,MNAVG,0.00471782800000,0.00056127340000
C1B3H1S1P4L1M3J2E2A3,HIB,OGAB,4,12,9,12,840,15,40,MNHVY,0.00879641700000,0.00662711300000
C1B3H1S1P4L2M1J1E1A1,HIB,OGAB,4,12,9,13,340,12,10,MEPDG,0.79126950000000,0.15940190000000
C1B3H1S1P4L2M1J1E1A2,HIB,OGAB,4,12,9,13,340,12,10,MNAVG,0.39941260000000,0.02444955000000
C1B3H1S1P4L2M1J1E1A3,HIB,OGAB,4,12,9,13,340,12,10,MNHVY,0.66070710000000,0.27467700000000
C1B3H1S1P4L2M1J1E2A1,HIB,OGAB,4,12,9,13,340,12,40,MEPDG,0.79126950000000,0.15940190000000
C1B3H1S1P4L2M1J1E2A2,HIB,OGAB,4,12,9,13,340,12,40,MNAVG,0.39941260000000,0.02444955000000
C1B3H1S1P4L2M1J1E2A3,HIB,OGAB,4,12,9,13,340,12,40,MNHVY,0.66070710000000,0.27467700000000
C1B3H1S1P4L2M1J2E1A1,HIB,OGAB,4,12,9,13,340,15,10,MEPDG,2.97763500000000,0.51808150000000
C1B3H1S1P4L2M1J2E1A2,HIB,OGAB,4,12,9,13,340,15,10,MNAVG,2.02559400000000,0.10547480000000
C1B3H1S1P4L2M1J2E1A3,HIB,OGAB,4,12,9,13,340,15,10,MNHVY,3.89404000000000,1.01699100000000
C1B3H1S1P4L2M1J2E2A1,HIB,OGAB,4,12,9,13,340,15,40,MEPDG,2.97763500000000,0.51808150000000
C1B3H1S1P4L2M1J2E2A2,HIB,OGAB,4,12,9,13,340,15,40,MNAVG,2.02559400000000,0.10547480000000
C1B3H1S1P4L2M1J2E2A3,HIB,OGAB,4,12,9,13,340,15,40,MNHVY,3.89404000000000,1.01699100000000
C1B3H1S1P4L2M2J1E1A1,HIB,OGAB,4,12,9,13,590,12,10,MEPDG,0.01041697000000,0.00380706900000
C1B3H1S1P4L2M2J1E1A2,HIB,OGAB,4,12,9,13,590,12,10,MNAVG,0.00313220000000,0.00047222520000
C1B3H1S1P4L2M2J1E1A3,HIB,OGAB,4,12,9,13,590,12,10,MNHVY,0.00407825300000,0.00573431500000
C1B3H1S1P4L2M2J1E2A1,HIB,OGAB,4,12,9,13,590,12,40,MEPDG,0.01041697000000,0.00380706900000
C1B3H1S1P4L2M2J1E2A2,HIB,OGAB,4,12,9,13,590,12,40,MNAVG,0.00313220000000,0.00047222520000
C1B3H1S1P4L2M2J1E2A3,HIB,OGAB,4,12,9,13,590,12,40,MNHVY,0.00407825300000,0.00573431500000
C1B3H1S1P4L2M2J2E1A1,HIB,OGAB,4,12,9,13,590,15,10,MEPDG,0.07711618000000,0.02684311000000
C1B3H1S1P4L2M2J2E1A2,HIB,OGAB,4,12,9,13,590,15,10,MNAVG,0.03304257000000,0.00484453000000
C1B3H1S1P4L2M2J2E1A3,HIB,OGAB,4,12,9,13,590,15,10,MNHVY,0.06431651000000,0.05137669000000
C1B3H1S1P4L2M2J2E2A1,HIB,OGAB,4,12,9,13,590,15,40,MEPDG,0.07711618000000,0.02684311000000
C1B3H1S1P4L2M2J2E2A2,HIB,OGAB,4,12,9,13,590,15,40,MNAVG,0.03304257000000,0.00484453000000
C1B3H1S1P4L2M2J2E2A3,HIB,OGAB,4,12,9,13,590,15,40,MNHVY,0.06431651000000,0.05137669000000
C1B3H1S1P4L2M3J1E1A1,HIB,OGAB,4,12,9,13,840,12,10,MEPDG,0.00031921840000,0.00015052880000
C1B3H1S1P4L2M3J1E1A2,HIB,OGAB,4,12,9,13,840,12,10,MNAVG,0.00008309829000,0.00001348844000
C1B3H1S1P4L2M3J1E1A3,HIB,OGAB,4,12,9,13,840,12,10,MNHVY,0.00008440928000,0.00017635390000
C1B3H1S1P4L2M3J1E2A1,HIB,OGAB,4,12,9,13,840,12,40,MEPDG,0.00031921840000,0.00015052880000
C1B3H1S1P4L2M3J1E2A2,HIB,OGAB,4,12,9,13,840,12,40,MNAVG,0.00008309829000,0.00001348844000
C1B3H1S1P4L2M3J1E2A3,HIB,OGAB,4,12,9,13,840,12,40,MNHVY,0.00008440928000,0.00017635390000
C1B3H1S1P4L2M3J2E1A1,HIB,OGAB,4,12,9,13,840,15,10,MEPDG,0.00344005900000,0.00176243300000
```

```
C1B3H1S1P4L2M3J2E1A2,HIB,OGAB,4,12,9,13,840,15,10,MNAVG,0.00100361600000,0.00026379150000
C1B3H1S1P4L2M3J2E1A3,HIB,OGAB,4,12,9,13,840,15,10,MNHVY,0.00180671700000,0.00307866400000
C1B3H1S1P4L2M3J2E2A1,HIB,OGAB,4,12,9,13,840,15,40,MEPDG,0.00344005900000,0.00176243300000
C1B3H1S1P4L2M3J2E2A2,HIB,OGAB,4,12,9,13,840,15,40,MNAVG,0.00100361600000,0.00026379150000
C1B3H1S1P4L2M3J2E2A3,HIB,OGAB,4,12,9,13,840,15,40,MNHVY,0.00180671700000,0.00307866400000
C1B3H1S1P5L1M1J1E1A1,HIB,OGAB,4,12,10,12,340,12,10,MEPDG,1.92165200000000,0.34982260000000
C1B3H1S1P5L1M1J1E1A2,HIB,OGAB,4,12,10,12,340,12,10,MNAVG,0.74460980000000,0.05212339000000
C1B3H1S1P5L1M1J1E1A3,HIB,OGAB,4,12,10,12,340,12,10,MNHVY,1.30899500000000,0.61746610000000
C1B3H1S1P5L1M1J1E2A1,HIB,OGAB,4,12,10,12,340,12,40,MEPDG,0.82226720000000,0.20145950000000
C1B3H1S1P5L1M1J1E2A2,HIB,OGAB,4,12,10,12,340,12,40,MNAVG,0.32792500000000,0.02865485000000
C1B3H1S1P5L1M1J1E2A3,HIB,OGAB,4,12,10,12,340,12,40,MNHVY,0.51772620000000,0.34217760000000
C1B3H1S1P5L1M1J2E1A1,HIB,OGAB,4,12,10,12,340,15,10,MEPDG,7.38946600000000,1.15187100000000
C1B3H1S1P5L1M1J2E1A2,HIB,OGAB,4,12,10,12,340,15,10,MNAVG,3.99673700000000,0.21912000000000
C1B3H1S1P5L1M1J2E1A3,HIB,OGAB,4,12,10,12,340,15,10,MNHVY,8.52143200000000,2.28928700000000
C1B3H1S1P5L1M1J2E2A1,HIB,OGAB,4,12,10,12,340,15,40,MEPDG,3.63283800000000,0.67780460000000
C1B3H1S1P5L1M1J2E2A2,HIB,OGAB,4,12,10,12,340,15,40,MNAVG,2.06955700000000,0.12752190000000
C1B3H1S1P5L1M1J2E2A3,HIB,OGAB,4,12,10,12,340,15,40,MNHVY,4.09287500000000,1.32825000000000
C1B3H1S1P5L1M2J1E1A1,HIB,OGAB,4,12,10,12,590,12,10,MEPDG,0.02499693000000,0.00630501500000
C1B3H1S1P5L1M2J1E1A2,HIB,OGAB,4,12,10,12,590,12,10,MNAVG,0.00547310200000,0.00074166640000
C1B3H1S1P5L1M2J1E1A3,HIB,OGAB,4,12,10,12,590,12,10,MNHVY,0.00742150100000,0.00950641700000
C1B3H1S1P5L1M2J1E2A1,HIB,OGAB,4,12,10,12,590,12,40,MEPDG,0.00779724400000,0.00361352100000
C1B3H1S1P5L1M2J1E2A2,HIB,OGAB,4,12,10,12,590,12,40,MNAVG,0.00196081000000,0.00040247170000
C1B3H1S1P5L1M2J1E2A3,HIB,OGAB,4,12,10,12,590,12,40,MNHVY,0.00228677600000,0.00517209900000
C1B3H1S1P5L1M2J2E1A1,HIB,OGAB,4,12,10,12,590,15,10,MEPDG,0.16422780000000,0.04911055000000
C1B3H1S1P5L1M2J2E1A2,HIB,OGAB,4,12,10,12,590,15,10,MNAVG,0.04734220000000,0.00817092900000
C1B3H1S1P5L1M2J2E1A3,HIB,OGAB,4,12,10,12,590,15,10,MNHVY,0.10316740000000,0.09348363000000
C1B3H1S1P5L1M2J2E2A1,HIB,OGAB,4,12,10,12,590,15,40,MEPDG,0.06048982000000,0.02701211000000
C1B3H1S1P5L1M2J2E2A2,HIB,OGAB,4,12,10,12,590,15,40,MNAVG,0.01928226000000,0.00439840100000
C1B3H1S1P5L1M2J2E2A3,HIB,OGAB,4,12,10,12,590,15,40,MNHVY,0.03629797000000,0.05037937000000
C1B3H1S1P5L1M3J1E1A1,HIB,OGAB,4,12,10,12,840,12,10,MEPDG,0.00089531290000,0.00021750730000
C1B3H1S1P5L1M3J1E1A2,HIB,OGAB,4,12,10,12,840,12,10,MNAVG,0.00016059580000,0.00001936744000
C1B3H1S1P5L1M3J1E1A3,HIB,OGAB,4,12,10,12,840,12,10,MNHVY,0.00019009680000,0.00026599980000
C1B3H1S1P5L1M3J1E2A1,HIB,OGAB,4,12,10,12,840,12,40,MEPDG,0.00022560980000,0.00013364220000
C1B3H1S1P5L1M3J1E2A2,HIB,OGAB,4,12,10,12,840,12,40,MNAVG,0.00004984901000,0.00001109439000
C1B3H1S1P5L1M3J1E2A3,HIB,OGAB,4,12,10,12,840,12,40,MNHVY,0.00005103116000,0.00015230140000
C1B3H1S1P5L1M3J2E1A1,HIB,OGAB,4,12,10,12,840,15,10,MEPDG,0.00647752400000,0.00287464400000
C1B3H1S1P5L1M3J2E1A2,HIB,OGAB,4,12,10,12,840,15,10,MNAVG,0.00122439700000,0.00040343740000
C1B3H1S1P5L1M3J2E1A3,HIB,OGAB,4,12,10,12,840,15,10,MNHVY,0.00229471300000,0.00497550200000
C1B3H1S1P5L1M3J2E2A1,HIB,OGAB,4,12,10,12,840,15,40,MEPDG,0.00189706900000,0.00155815300000
C1B3H1S1P5L1M3J2E2A2,HIB,OGAB,4,12,10,12,840,15,40,MNAVG,0.00042412000000,0.00020988960000
C1B3H1S1P5L1M3J2E2A3,HIB,OGAB,4,12,10,12,840,15,40,MNHVY,0.00066156350000,0.00260300700000
C1B3H1S1P5L2M1J1E1A1,HIB,OGAB,4,12,10,13,340,12,10,MEPDG,0.18403150000000,0.08871186000000
C1B3H1S1P5L2M1J1E1A2,HIB,OGAB,4,12,10,13,340,12,10,MNAVG,0.07218935000000,0.01299049000000
C1B3H1S1P5L2M1J1E1A3,HIB,OGAB,4,12,10,13,340,12,10,MNHVY,0.11094610000000,0.15279050000000
C1B3H1S1P5L2M1J1E2A1,HIB,OGAB,4,12,10,13,340,12,40,MEPDG,0.18403150000000,0.08871186000000
C1B3H1S1P5L2M1J1E2A2,HIB,OGAB,4,12,10,13,340,12,40,MNAVG,0.07218935000000,0.01299049000000
C1B3H1S1P5L2M1J1E2A3,HIB,OGAB,4,12,10,13,340,12,40,MNHVY,0.11094610000000,0.15279050000000
C1B3H1S1P5L2M1J2E1A1,HIB,OGAB,4,12,10,13,340,15,10,MEPDG,0.92554320000000,0.35482370000000
C1B3H1S1P5L2M1J2E1A2,HIB,OGAB,4,12,10,13,340,15,10,MNAVG,0.53078660000000,0.06890438000000
C1B3H1S1P5L2M1J2E1A3,HIB,OGAB,4,12,10,13,340,15,10,MNHVY,1.03421100000000,0.70270860000000
```

```
C1B3H1S1P5L2M1J2E2A1,HIB,OGAB,4,12,10,13,340,15,40,MEPDG,0.92554320000000,0.35482370000000
C1B3H1S1P5L2M1J2E2A2,HIB,OGAB,4,12,10,13,340,15,40,MNAVG,0.53078660000000,0.06890438000000
C1B3H1S1P5L2M1J2E2A3,HIB,OGAB,4,12,10,13,340,15,40,MNHVY,1.03421100000000,0.70270860000000
C1B3H1S1P5L2M2J1E1A1,HIB,OGAB,4,12,10,13,590,12,10,MEPDG,0.00150552200000,0.00151621700000
C1B3H1S1P5L2M2J1E1A2,HIB,OGAB,4,12,10,13,590,12,10,MNAVG,0.00039075810000,0.00017286630000
C1B3H1S1P5L2M2J1E1A3,HIB,OGAB,4,12,10,13,590,12,10,MNHVY,0.00043605670000,0.00220298400000
C1B3H1S1P5L2M2J1E2A1,HIB,OGAB,4,12,10,13,590,12,40,MEPDG,0.00150552200000,0.00151621700000
C1B3H1S1P5L2M2J1E2A2,HIB,OGAB,4,12,10,13,590,12,40,MNAVG,0.00039075810000,0.00017286630000
C1B3H1S1P5L2M2J1E2A3,HIB,OGAB,4,12,10,13,590,12,40,MNHVY,0.00043605670000,0.00220298400000
C1B3H1S1P5L2M2J2E1A1,HIB,OGAB,4,12,10,13,590,15,10,MEPDG,0.01317547000000,0.01328027000000
C1B3H1S1P5L2M2J2E1A2,HIB,OGAB,4,12,10,13,590,15,10,MNAVG,0.00426370000000,0.00222271800000
C1B3H1S1P5L2M2J2E1A3,HIB,OGAB,4,12,10,13,590,15,10,MNHVY,0.00775703300000,0.02503772000000
C1B3H1S1P5L2M2J2E2A1,HIB,OGAB,4,12,10,13,590,15,40,MEPDG,0.01317547000000,0.01328027000000
C1B3H1S1P5L2M2J2E2A2,HIB,OGAB,4,12,10,13,590,15,40,MNAVG,0.00426370000000,0.00222271800000
C1B3H1S1P5L2M2J2E2A3,HIB,OGAB,4,12,10,13,590,15,40,MNHVY,0.00775703300000,0.02503772000000
C1B3H1S1P5L2M3J1E1A1,HIB,OGAB,4,12,10,13,840,12,10,MEPDG,0.00004081046000,0.00005537875000
C1B3H1S1P5L2M3J1E1A2,HIB,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000937996400,0.00000470719300
C1B3H1S1P5L2M3J1E1A3,HIB,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000943371100,0.00006452473000
C1B3H1S1P5L2M3J1E2A1,HIB,OGAB,4,12,10,13,840,12,40,MEPDG,0.00004081046000,0.00005537875000
C1B3H1S1P5L2M3J1E2A2,HIB,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000937996400,0.00000470719300
C1B3H1S1P5L2M3J1E2A3,HIB,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000943371100,0.00006452473000
C1B3H1S1P5L2M3J2E1A1,HIB,OGAB,4,12,10,13,840,15,10,MEPDG,0.00036903630000,0.00074274760000
C1B3H1S1P5L2M3J2E1A2,HIB,OGAB,4,12,10,13,840,15,10,MNAVG,0.00008566161000,0.00010210550000
C1B3H1S1P5L2M3J2E1A3,HIB,OGAB,4,12,10,13,840,15,10,MNHVY,0.00012782390000,0.00125332600000
C1B3H1S1P5L2M3J2E2A1,HIB,OGAB,4,12,10,13,840,15,40,MEPDG,0.00036903630000,0.00074274760000
C1B3H1S1P5L2M3J2E2A2,HIB,OGAB,4,12,10,13,840,15,40,MNAVG,0.00008566161000,0.00010210550000
C1B3H1S1P5L2M3J2E2A3,HIB,OGAB,4,12,10,13,840,15,40,MNHVY,0.00012782390000,0.00125332600000
C1B3H1S1P6L1M1J1E1A1,HIB,OGAB,4,12,11,12,340,12,10,MEPDG,0.50286930000000,0.17539250000000
C1B3H1S1P6L1M1J1E1A2,HIB,OGAB,4,12,11,12,340,12,10,MNAVG,0.14757780000000,0.02372531000000
C1B3H1S1P6L1M1J1E1A3,HIB,OGAB,4,12,11,12,340,12,10,MNHVY,0.24708070000000,0.29859210000000
C1B3H1S1P6L1M1J1E2A1,HIB,OGAB,4,12,11,12,340,12,40,MEPDG,0.19313800000000,0.10396390000000
C1B3H1S1P6L1M1J1E2A2,HIB,OGAB,4,12,11,12,340,12,40,MNAVG,0.06026279000000,0.01362874000000
C1B3H1S1P6L1M1J1E2A3,HIB,OGAB,4,12,11,12,340,12,40,MNHVY,0.08794677000000,0.17136590000000
C1B3H1S1P6L1M1J2E1A1,HIB,OGAB,4,12,11,12,340,15,10,MEPDG,2.36169900000000,0.71596750000000
C1B3H1S1P6L1M1J2E1A2,HIB,OGAB,4,12,11,12,340,15,10,MNAVG,1.01339300000000,0.12654780000000
C1B3H1S1P6L1M1J2E1A3,HIB,OGAB,4,12,11,12,340,15,10,MNHVY,2.22308200000000,1.41146300000000
C1B3H1S1P6L1M1J2E2A1,HIB,OGAB,4,12,11,12,340,15,40,MEPDG,1.05599700000000,0.42806020000000
C1B3H1S1P6L1M1J2E2A2,HIB,OGAB,4,12,11,12,340,15,40,MNAVG,0.48664010000000,0.07526620000000
C1B3H1S1P6L1M1J2E2A3,HIB,OGAB,4,12,11,12,340,15,40,MNHVY,0.96468620000000,0.83385120000000
C1B3H1S1P6L1M2J1E1A1,HIB,OGAB,4,12,11,12,590,12,10,MEPDG,0.00483274200000,0.00246534100000
C1B3H1S1P6L1M2J1E1A2,HIB,OGAB,4,12,11,12,590,12,10,MNAVG,0.00090532790000,0.00025495920000
C1B3H1S1P6L1M2J1E1A3,HIB,OGAB,4,12,11,12,590,12,10,MNHVY,0.00112268800000,0.00350033500000
C1B3H1S1P6L1M2J1E2A1,HIB,OGAB,4,12,11,12,590,12,40,MEPDG,0.00133708600000,0.00151616600000
C1B3H1S1P6L1M2J1E2A2,HIB,OGAB,4,12,11,12,590,12,40,MNAVG,0.00030362890000,0.00015205260000
C1B3H1S1P6L1M2J1E2A3,HIB,OGAB,4,12,11,12,590,12,40,MNHVY,0.00031991330000,0.00207016400000
C1B3H1S1P6L1M2J2E1A1,HIB,OGAB,4,12,11,12,590,15,10,MEPDG,0.03024558000000,0.02254560000000
C1B3H1S1P6L1M2J2E1A2,HIB,OGAB,4,12,11,12,590,15,10,MNAVG,0.00648781300000,0.00337305100000
C1B3H1S1P6L1M2J2E1A3,HIB,OGAB,4,12,11,12,590,15,10,MNHVY,0.01278688000000,0.04131209000000
C1B3H1S1P6L1M2J2E2A1,HIB,OGAB,4,12,11,12,590,15,40,MEPDG,0.00985615900000,0.01289971000000
C1B3H1S1P6L1M2J2E2A2,HIB,OGAB,4,12,11,12,590,15,40,MNAVG,0.00243450400000,0.00191459300000
```

```
C1B3H1S1P6L1M2J2E2A3,HIB,OGAB,4,12,11,12,590,15,40,MNHVY,0.00404165000000,0.02327244000000
C1B3H1S1P6L1M3J1E1A1,HIB,OGAB,4,12,11,12,840,12,10,MEPDG,0.00015960200000,0.00005839598000
C1B3H1S1P6L1M3J1E1A2,HIB,OGAB,4,12,11,12,840,12,10,MNAVG,0.00002328106000,0.00000506555000
C1B3H1S1P6L1M3J1E1A3,HIB,OGAB,4,12,11,12,840,12,10,MNHVY,0.00002642228000,0.00007422452000
C1B3H1S1P6L1M3J1E2A1,HIB,OGAB,4,12,11,12,840,12,40,MEPDG,0.00003632269000,0.00005038831000
C1B3H1S1P6L1M3J1E2A2,HIB,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000683422600,0.00000382389200
C1B3H1S1P6L1M3J1E2A3,HIB,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000643908100,0.00005544272000
C1B3H1S1P6L1M3J2E1A1,HIB,OGAB,4,12,11,12,840,15,10,MEPDG,0.00083665790000,0.00117231400000
C1B3H1S1P6L1M3J2E1A2,HIB,OGAB,4,12,11,12,840,15,10,MNAVG,0.00012824970000,0.00014448320000
C1B3H1S1P6L1M3J2E1A3,HIB,OGAB,4,12,11,12,840,15,10,MNHVY,0.00020158950000,0.00191099200000
C1B3H1S1P6L1M3J2E2A1,HIB,OGAB,4,12,11,12,840,15,40,MEPDG,0.00021774580000,0.00067760130000
C1B3H1S1P6L1M3J2E2A2,HIB,OGAB,4,12,11,12,840,15,40,MNAVG,0.00004157473000,0.00008103888000
C1B3H1S1P6L1M3J2E2A3,HIB,OGAB,4,12,11,12,840,15,40,MNHVY,0.00005452272000,0.00106683700000
C1B3H1S1P6L2M1J1E1A1,HIB,OGAB,4,12,11,13,340,12,10,MEPDG,0.04112170000000,0.04677947000000
C1B3H1S1P6L2M1J1E1A2,HIB,OGAB,4,12,11,13,340,12,10,MNAVG,0.01282012000000,0.00627542000000
C1B3H1S1P6L2M1J1E1A3,HIB,OGAB,4,12,11,13,340,12,10,MNHVY,0.01798769000000,0.07812066000000
C1B3H1S1P6L2M1J1E2A1,HIB,OGAB,4,12,11,13,340,12,40,MEPDG,0.04112170000000,0.04677947000000
C1B3H1S1P6L2M1J1E2A2,HIB,OGAB,4,12,11,13,340,12,40,MNAVG,0.01282012000000,0.00627542000000
C1B3H1S1P6L2M1J1E2A3,HIB,OGAB,4,12,11,13,340,12,40,MNHVY,0.01798769000000,0.07812066000000
C1B3H1S1P6L2M1J2E1A1,HIB,OGAB,4,12,11,13,340,15,10,MEPDG,0.25544350000000,0.22568750000000
C1B3H1S1P6L2M1J2E1A2,HIB,OGAB,4,12,11,13,340,15,10,MNAVG,0.11887890000000,0.04086105000000
C1B3H1S1P6L2M1J2E1A3,HIB,OGAB,4,12,11,13,340,15,10,MNHVY,0.23057510000000,0.44405460000000
C1B3H1S1P6L2M1J2E2A1,HIB,OGAB,4,12,11,13,340,15,40,MEPDG,0.25544350000000,0.22568750000000
C1B3H1S1P6L2M1J2E2A2,HIB,OGAB,4,12,11,13,340,15,40,MNAVG,0.11887890000000,0.04086105000000
C1B3H1S1P6L2M1J2E2A3,HIB,OGAB,4,12,11,13,340,15,40,MNHVY,0.23057510000000,0.44405460000000
C1B3H1S1P6L2M2J1E1A1,HIB,OGAB,4,12,11,13,590,12,10,MEPDG,0.00024840970000,0.00066668860000
C1B3H1S1P6L2M2J1E1A2,HIB,OGAB,4,12,11,13,590,12,10,MNAVG,0.00005921433000,0.00006825414000
C1B3H1S1P6L2M2J1E1A3,HIB,OGAB,4,12,11,13,590,12,10,MNHVY,0.00006006327000,0.00092531950000
C1B3H1S1P6L2M2J1E2A1,HIB,OGAB,4,12,11,13,590,12,40,MEPDG,0.00024840970000,0.00066668860000
C1B3H1S1P6L2M2J1E2A2,HIB,OGAB,4,12,11,13,590,12,40,MNAVG,0.00005921433000,0.00006825414000
C1B3H1S1P6L2M2J1E2A3,HIB,OGAB,4,12,11,13,590,12,40,MNHVY,0.00006006327000,0.00092531950000
C1B3H1S1P6L2M2J2E1A1,HIB,OGAB,4,12,11,13,590,15,10,MEPDG,0.00201080800000,0.00650735900000
C1B3H1S1P6L2M2J2E1A2,HIB,OGAB,4,12,11,13,590,15,10,MNAVG,0.00051191520000,0.00099127020000
C1B3H1S1P6L2M2J2E1A3,HIB,OGAB,4,12,11,13,590,15,10,MNHVY,0.00081248460000,0.01189395000000
C1B3H1S1P6L2M2J2E2A1,HIB,OGAB,4,12,11,13,590,15,40,MEPDG,0.00201080800000,0.00650735900000
C1B3H1S1P6L2M2J2E2A2,HIB,OGAB,4,12,11,13,590,15,40,MNAVG,0.00051191520000,0.00099127020000
C1B3H1S1P6L2M2J2E2A3,HIB,OGAB,4,12,11,13,590,15,40,MNHVY,0.00081248460000,0.01189395000000
C1B3H1S1P6L2M3J1E1A1,HIB,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000620927500,0.00002115776000
C1B3H1S1P6L2M3J1E1A2,HIB,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000124136600,0.00000163019000
C1B3H1S1P6L2M3J1E1A3,HIB,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000111134400,0.00002362400000
C1B3H1S1P6L2M3J1E2A1,HIB,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000620927500,0.00002115776000
C1B3H1S1P6L2M3J1E2A2,HIB,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000124136600,0.00000163019000
C1B3H1S1P6L2M3J1E2A3,HIB,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000111134400,0.00002362400000
C1B3H1S1P6L2M3J2E1A1,HIB,OGAB,4,12,11,13,840,15,10,MEPDG,0.00004008282000,0.00033669480000
C1B3H1S1P6L2M3J2E1A2,HIB,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000807518200,0.00004083521000
C1B3H1S1P6L2M3J2E1A3,HIB,OGAB,4,12,11,13,840,15,10,MNHVY,0.00001013602000,0.00053538700000
C1B3H1S1P6L2M3J2E2A1,HIB,OGAB,4,12,11,13,840,15,40,MEPDG,0.00004008282000,0.00033669480000
C1B3H1S1P6L2M3J2E2A2,HIB,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000807518200,0.00004083521000
C1B3H1S1P6L2M3J2E2A3,HIB,OGAB,4,12,11,13,840,15,40,MNHVY,0.00001013602000,0.00053538700000
C1B3H1S1P7L1M1J1E1A1,HIB,OGAB,4,12,12,12,340,12,10,MEPDG,0.13479140000000,0.08674584000000
```

```
C1B3H1S1P7L1M1J1E1A2,HIB,OGAB,4,12,12,12,340,12,10,MNAVG,0.03132425000000,0.01047059000000
C1B3H1S1P7L1M1J1E1A3,HIB,OGAB,4,12,12,12,340,12,10,MNHVY,0.04938964000000,0.13924480000000
C1B3H1S1P7L1M1J1E2A1,HIB,OGAB,4,12,12,12,340,12,40,MEPDG,0.04677275000000,0.05341817000000
C1B3H1S1P7L1M1J1E2A2,HIB,OGAB,4,12,12,12,340,12,40,MNAVG,0.01208935000000,0.00635093300000
C1B3H1S1P7L1M1J1E2A3,HIB,OGAB,4,12,12,12,340,12,40,MNHVY,0.01624082000000,0.08368599000000
C1B3H1S1P7L1M1J2E1A1,HIB,OGAB,4,12,12,12,340,15,10,MEPDG,0.67459960000000,0.41934730000000
C1B3H1S1P7L1M1J2E1A2,HIB,OGAB,4,12,12,12,340,15,10,MNAVG,0.22005090000000,0.06825738000000
C1B3H1S1P7L1M1J2E1A3,HIB,OGAB,4,12,12,12,340,15,10,MNHVY,0.47884990000000,0.80446960000000
C1B3H1S1P7L1M1J2E2A1,HIB,OGAB,4,12,12,12,340,15,40,MEPDG,0.27180440000000,0.25575590000000
C1B3H1S1P7L1M1J2E2A2,HIB,OGAB,4,12,12,12,340,15,40,MNAVG,0.09715104000000,0.04166252000000
C1B3H1S1P7L1M1J2E2A3,HIB,OGAB,4,12,12,12,340,15,40,MNHVY,0.18562640000000,0.48611560000000
C1B3H1S1P7L1M2J1E1A1,HIB,OGAB,4,12,12,12,590,12,10,MEPDG,0.00113457000000,0.00101239000000
C1B3H1S1P7L1M2J1E1A2,HIB,OGAB,4,12,12,12,590,12,10,MNAVG,0.00017913210000,0.00009521797000
C1B3H1S1P7L1M2J1E1A3,HIB,OGAB,4,12,12,12,590,12,10,MNHVY,0.00023186030000,0.00136764700000
C1B3H1S1P7L1M2J1E2A1,HIB,OGAB,4,12,12,12,590,12,40,MEPDG,0.00029312250000,0.00065424320000
C1B3H1S1P7L1M2J1E2A2,HIB,OGAB,4,12,12,12,590,12,40,MNAVG,0.00005795738000,0.00005990238000
C1B3H1S1P7L1M2J1E2A3,HIB,OGAB,4,12,12,12,590,12,40,MNHVY,0.00006312989000,0.00085384240000
C1B3H1S1P7L1M2J2E1A1,HIB,OGAB,4,12,12,12,590,15,10,MEPDG,0.00517651300000,0.01038212000000
C1B3H1S1P7L1M2J2E1A2,HIB,OGAB,4,12,12,12,590,15,10,MNAVG,0.00088161130000,0.00139183600000
C1B3H1S1P7L1M2J2E1A3,HIB,OGAB,4,12,12,12,590,15,10,MNHVY,0.00149175300000,0.01805485000000
C1B3H1S1P7L1M2J2E2A1,HIB,OGAB,4,12,12,12,590,15,40,MEPDG,0.00150406200000,0.00627209800000
C1B3H1S1P7L1M2J2E2A2,HIB,OGAB,4,12,12,12,590,15,40,MNAVG,0.00031025340000,0.00084458200000
C1B3H1S1P7L1M2J2E2A3,HIB,OGAB,4,12,12,12,590,15,40,MNHVY,0.00043886620000,0.01080674000000
C1B3H1S1P7L1M3J1E1A1,HIB,OGAB,4,12,12,12,840,12,10,MEPDG,0.00003593215000,0.00003150092000
C1B3H1S1P7L1M3J1E1A2,HIB,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000402924200,0.00000240151100
C1B3H1S1P7L1M3J1E1A3,HIB,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000424648000,0.00003600710000
C1B3H1S1P7L1M3J1E2A1,HIB,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000747754300,0.00002365601000
C1B3H1S1P7L1M3J1E2A2,HIB,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000113690300,0.00000168513200
C1B3H1S1P7L1M3J1E2A3,HIB,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000096811140,0.00002519603000
C1B3H1S1P7L1M3J2E1A1,HIB,OGAB,4,12,12,12,840,15,10,MEPDG,0.00012545290000,0.00046283540000
C1B3H1S1P7L1M3J2E1A2,HIB,OGAB,4,12,12,12,840,15,10,MNAVG,0.00001594798000,0.00005102196000
C1B3H1S1P7L1M3J2E1A3,HIB,OGAB,4,12,12,12,840,15,10,MNHVY,0.00002314860000,0.00071299010000
C1B3H1S1P7L1M3J2E2A1,HIB,OGAB,4,12,12,12,840,15,40,MEPDG,0.00003057171000,0.00029453430000
C1B3H1S1P7L1M3J2E2A2,HIB,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000499883600,0.00003112594000
C1B3H1S1P7L1M3J2E2A3,HIB,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000613338000,0.00043149950000
C1B3H1S1P7L2M1J1E1A1,HIB,OGAB,4,12,12,13,340,12,10,MEPDG,0.00951731400000,0.02476749000000
C1B3H1S1P7L2M1J1E1A2,HIB,OGAB,4,12,12,13,340,12,10,MNAVG,0.00250921200000,0.00300692100000
C1B3H1S1P7L2M1J1E1A3,HIB,OGAB,4,12,12,13,340,12,10,MNHVY,0.00320924600000,0.03933930000000
C1B3H1S1P7L2M1J1E2A1,HIB,OGAB,4,12,12,13,340,12,40,MEPDG,0.00951731400000,0.02476749000000
C1B3H1S1P7L2M1J1E2A2,HIB,OGAB,4,12,12,13,340,12,40,MNAVG,0.00250921200000,0.00300692100000
C1B3H1S1P7L2M1J1E2A3,HIB,OGAB,4,12,12,13,340,12,40,MNHVY,0.00320924600000,0.03933930000000
C1B3H1S1P7L2M1J2E1A1,HIB,OGAB,4,12,12,13,340,15,10,MEPDG,0.06182721000000,0.13620790000000
C1B3H1S1P7L2M1J2E1A2,HIB,OGAB,4,12,12,13,340,15,10,MNAVG,0.02240825000000,0.02279915000000
C1B3H1S1P7L2M1J2E1A3,HIB,OGAB,4,12,12,13,340,15,10,MNHVY,0.04144336000000,0.26171860000000
C1B3H1S1P7L2M1J2E2A1,HIB,OGAB,4,12,12,13,340,15,40,MEPDG,0.06182721000000,0.13620790000000
C1B3H1S1P7L2M1J2E2A2,HIB,OGAB,4,12,12,13,340,15,40,MNAVG,0.02240825000000,0.02279915000000
C1B3H1S1P7L2M1J2E2A3,HIB,OGAB,4,12,12,13,340,15,40,MNHVY,0.04144336000000,0.26171860000000
C1B3H1S1P7L2M2J1E1A1,HIB,OGAB,4,12,12,13,590,12,10,MEPDG,0.00005262695000,0.00029752080000
C1B3H1S1P7L2M2J1E1A2,HIB,OGAB,4,12,12,13,590,12,10,MNAVG,0.00001101780000,0.00002789260000
C1B3H1S1P7L2M2J1E1A3,HIB,OGAB,4,12,12,13,590,12,10,MNHVY,0.00001139679000,0.00039630910000
```

```
C1B3H1S1P7L2M2J1E2A1,HIB,OGAB,4,12,12,13,590,12,40,MEPDG,0.00005262695000,0.00029752080000
C1B3H1S1P7L2M2J1E2A2,HIB,OGAB,4,12,12,13,590,12,40,MNAVG,0.00001101780000,0.00002789260000
C1B3H1S1P7L2M2J1E2A3,HIB,OGAB,4,12,12,13,590,12,40,MNHVY,0.00001139679000,0.00039630910000
C1B3H1S1P7L2M2J2E1A1,HIB,OGAB,4,12,12,13,590,15,10,MEPDG,0.00028978730000,0.00322069300000
C1B3H1S1P7L2M2J2E1A2,HIB,OGAB,4,12,12,13,590,15,10,MNAVG,0.00006274661000,0.00044417270000
C1B3H1S1P7L2M2J2E1A3,HIB,OGAB,4,12,12,13,590,15,10,MNHVY,0.00008463245000,0.00562845400000
C1B3H1S1P7L2M2J2E2A1,HIB,OGAB,4,12,12,13,590,15,40,MEPDG,0.00028978730000,0.00322069300000
C1B3H1S1P7L2M2J2E2A2,HIB,OGAB,4,12,12,13,590,15,40,MNAVG,0.00006274661000,0.00044417270000
C1B3H1S1P7L2M2J2E2A3,HIB,OGAB,4,12,12,13,590,15,40,MNHVY,0.00008463245000,0.00562845400000
C1B3H1S1P7L2M3J1E1A1,HIB,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000122459700,0.00000929866000
C1B3H1S1P7L2M3J1E1A2,HIB,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000020222240,0.00000065348490
C1B3H1S1P7L2M3J1E1A3,HIB,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000016151800,0.00000974853900
C1B3H1S1P7L2M3J1E2A1,HIB,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000122459700,0.00000929866000
C1B3H1S1P7L2M3J1E2A2,HIB,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000020222240,0.00000065348490
C1B3H1S1P7L2M3J1E2A3,HIB,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000016151800,0.00000974853900
C1B3H1S1P7L2M3J2E1A1,HIB,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000539989400,0.00011641160000
C1B3H1S1P7L2M3J2E1A2,HIB,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000094178770,0.00001250864000
C1B3H1S1P7L2M3J2E1A3,HIB,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000109433300,0.00017390500000
C1B3H1S1P7L2M3J2E2A1,HIB,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000539989400,0.00011641160000
C1B3H1S1P7L2M3J2E2A2,HIB,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000094178770,0.00001250864000
C1B3H1S1P7L2M3J2E2A3,HIB,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000109433300,0.00017390500000
C1B3H2S2P1L1M1J1E1A1,HIB,OGAB,12,4,6,12,340,12,10,MEPDG,64.16621000000000,0.00000000000046
C1B3H2S2P1L1M1J1E1A2,HIB,OGAB,12,4,6,12,340,12,10,MNAVG,52.68719000000000,0.00000000000002
C1B3H2S2P1L1M1J1E1A3,HIB,OGAB,12,4,6,12,340,12,10,MNHVY,93.67526000000000,0.00000000000033
C1B3H2S2P1L1M1J1E2A1,HIB,OGAB,12,4,6,12,340,12,40,MEPDG,39.07932000000000,0.00000000000024
C1B3H2S2P1L1M1J1E2A2,HIB,OGAB,12,4,6,12,340,12,40,MNAVG,30.94936000000000,0.00000000000002
C1B3H2S2P1L1M1J1E2A3,HIB,OGAB,12,4,6,12,340,12,40,MNHVY,55.99658000000000,0.00000000000021
C1B3H2S2P1L1M1J2E1A1,HIB,OGAB,12,4,6,12,340,15,10,MEPDG,85.97789000000000,0.00000000000023
C1B3H2S2P1L1M1J2E1A2,HIB,OGAB,12,4,6,12,340,15,10,MNAVG,74.25840000000000,0.00000000000002
C1B3H2S2P1L1M1J2E1A3,HIB,OGAB,12,4,6,12,340,15,10,MNHVY,134.14030000000000,0.00000000000028
C1B3H2S2P1L1M1J2E2A1,HIB,OGAB,12,4,6,12,340,15,40,MEPDG,54.58609000000000,0.00000000000014
C1B3H2S2P1L1M1J2E2A2,HIB,OGAB,12,4,6,12,340,15,40,MNAVG,45.94441000000000,0.00000000000002
C1B3H2S2P1L1M1J2E2A3,HIB,OGAB,12,4,6,12,340,15,40,MNHVY,84.47188000000000,0.00000000000019
C1B3H2S2P1L1M2J1E1A1,HIB,OGAB,12,4,6,12,590,12,10,MEPDG,8.91583500000000,0.00000000000225
C1B3H2S2P1L1M2J1E1A2,HIB,OGAB,12,4,6,12,590,12,10,MNAVG,6.05466600000000,0.00000000000012
C1B3H2S2P1L1M2J1E1A3,HIB,OGAB,12,4,6,12,590,12,10,MNHVY,11.04677000000000,0.00000000000171
C1B3H2S2P1L1M2J1E2A1,HIB,OGAB,12,4,6,12,590,12,40,MEPDG,4.75250800000000,0.00000000000089
C1B3H2S2P1L1M2J1E2A2,HIB,OGAB,12,4,6,12,590,12,40,MNAVG,3.17436300000000,0.00000000000005
C1B3H2S2P1L1M2J1E2A3,HIB,OGAB,12,4,6,12,590,12,40,MNHVY,5.72111100000000,0.00000000000075
C1B3H2S2P1L1M2J2E1A1,HIB,OGAB,12,4,6,12,590,15,10,MEPDG,18.42859000000000,0.00000000000501
C1B3H2S2P1L1M2J2E1A2,HIB,OGAB,12,4,6,12,590,15,10,MNAVG,14.56256000000000,0.00000000000047
C1B3H2S2P1L1M2J2E1A3,HIB,OGAB,12,4,6,12,590,15,10,MNHVY,27.91993000000000,0.00000000000639
C1B3H2S2P1L1M2J2E2A1,HIB,OGAB,12,4,6,12,590,15,40,MEPDG,10.80301000000000,0.00000000000328
C1B3H2S2P1L1M2J2E2A2,HIB,OGAB,12,4,6,12,590,15,40,MNAVG,8.57735900000000,0.00000000000035
C1B3H2S2P1L1M2J2E2A3,HIB,OGAB,12,4,6,12,590,15,40,MNHVY,16.31759000000000,0.00000000000462
C1B3H2S2P1L1M3J1E1A1,HIB,OGAB,12,4,6,12,840,12,10,MEPDG,1.38548300000000,0.00000000000401
C1B3H2S2P1L1M3J1E1A2,HIB,OGAB,12,4,6,12,840,12,10,MNAVG,0.72271570000000,0.00000000000029
C1B3H2S2P1L1M3J1E1A3,HIB,OGAB,12,4,6,12,840,12,10,MNHVY,1.34817600000000,0.00000000000441
C1B3H2S2P1L1M3J1E2A1,HIB,OGAB,12,4,6,12,840,12,40,MEPDG,0.63299050000000,0.00001091128000
C1B3H2S2P1L1M3J1E2A2,HIB,OGAB,12,4,6,12,840,12,40,MNAVG,0.32955690000000,0.00000135210500
```

```
C1B3H2S2P1L1M3J1E2A3,HIB,OGAB,12,4,6,12,840,12,40,MNHVY,0.57930770000000,0.00001668600000
C1B3H2S2P1L1M3J2E1A1,HIB,OGAB,12,4,6,12,840,15,10,MEPDG,4.20421600000000,0.00000000001380
C1B3H2S2P1L1M3J2E1A2,HIB,OGAB,12,4,6,12,840,15,10,MNAVG,2.82457600000000,0.00000000000144
C1B3H2S2P1L1M3J2E1A3,HIB,OGAB,12,4,6,12,840,15,10,MNHVY,5.94999200000000,0.00000000002103
C1B3H2S2P1L1M3J2E2A1,HIB,OGAB,12,4,6,12,840,15,40,MEPDG,2.20193600000000,0.00000000000925
C1B3H2S2P1L1M3J2E2A2,HIB,OGAB,12,4,6,12,840,15,40,MNAVG,1.51190400000000,0.00000000000100
C1B3H2S2P1L1M3J2E2A3,HIB,OGAB,12,4,6,12,840,15,40,MNHVY,3.08631300000000,0.00000000001415
C1B3H2S2P1L2M1J1E1A1,HIB,OGAB,12,4,6,13,340,12,10,MEPDG,10.25059000000000,0.00000000000009
C1B3H2S2P1L2M1J1E1A2,HIB,OGAB,12,4,6,13,340,12,10,MNAVG,7.93656100000000,0.00000000000001
C1B3H2S2P1L2M1J1E1A3,HIB,OGAB,12,4,6,13,340,12,10,MNHVY,14.48448000000000,0.00000000000009
C1B3H2S2P1L2M1J1E2A1,HIB,OGAB,12,4,6,13,340,12,40,MEPDG,10.25059000000000,0.00000000000009
C1B3H2S2P1L2M1J1E2A2,HIB,OGAB,12,4,6,13,340,12,40,MNAVG,7.93656100000000,0.00000000000001
C1B3H2S2P1L2M1J1E2A3,HIB,OGAB,12,4,6,13,340,12,40,MNHVY,14.48448000000000,0.00000000000009
C1B3H2S2P1L2M1J2E1A1,HIB,OGAB,12,4,6,13,340,15,10,MEPDG,15.02386000000000,0.00000000000007
C1B3H2S2P1L2M1J2E1A2,HIB,OGAB,12,4,6,13,340,15,10,MNAVG,12.52959000000000,0.00000000000001
C1B3H2S2P1L2M1J2E1A3,HIB,OGAB,12,4,6,13,340,15,10,MNHVY,23.13715000000000,0.00000000000010
C1B3H2S2P1L2M1J2E2A1,HIB,OGAB,12,4,6,13,340,15,40,MEPDG,15.02386000000000,0.00000000000007
C1B3H2S2P1L2M1J2E2A2,HIB,OGAB,12,4,6,13,340,15,40,MNAVG,12.52959000000000,0.00000000000001
C1B3H2S2P1L2M1J2E2A3,HIB,OGAB,12,4,6,13,340,15,40,MNHVY,23.13715000000000,0.00000000000010
C1B3H2S2P1L2M2J1E1A1,HIB,OGAB,12,4,6,13,590,12,10,MEPDG,1.18616800000000,0.00000000000040
C1B3H2S2P1L2M2J1E1A2,HIB,OGAB,12,4,6,13,590,12,10,MNAVG,0.77542030000000,0.00000000000003
C1B3H2S2P1L2M2J1E1A3,HIB,OGAB,12,4,6,13,590,12,10,MNHVY,1.41294600000000,0.00000000000037
C1B3H2S2P1L2M2J1E2A1,HIB,OGAB,12,4,6,13,590,12,40,MEPDG,1.18616800000000,0.00000000000040
C1B3H2S2P1L2M2J1E2A2,HIB,OGAB,12,4,6,13,590,12,40,MNAVG,0.77542030000000,0.00000000000003
C1B3H2S2P1L2M2J1E2A3,HIB,OGAB,12,4,6,13,590,12,40,MNHVY,1.41294600000000,0.00000000000037
C1B3H2S2P1L2M2J2E1A1,HIB,OGAB,12,4,6,13,590,15,10,MEPDG,3.01049000000000,0.00000000000137
C1B3H2S2P1L2M2J2E1A2,HIB,OGAB,12,4,6,13,590,15,10,MNAVG,2.40299600000000,0.00000000000016
C1B3H2S2P1L2M2J2E1A3,HIB,OGAB,12,4,6,13,590,15,10,MNHVY,4.60353900000000,0.00000000000206
C1B3H2S2P1L2M2J2E2A1,HIB,OGAB,12,4,6,13,590,15,40,MEPDG,3.01049000000000,0.00000000000137
C1B3H2S2P1L2M2J2E2A2,HIB,OGAB,12,4,6,13,590,15,40,MNAVG,2.40299600000000,0.00000000000016
C1B3H2S2P1L2M2J2E2A3,HIB,OGAB,12,4,6,13,590,15,40,MNHVY,4.60353900000000,0.00000000000206
C1B3H2S2P1L2M3J1E1A1,HIB,OGAB,12,4,6,13,840,12,10,MEPDG,0.14736290000000,0.00000676336800
C1B3H2S2P1L2M3J1E1A2,HIB,OGAB,12,4,6,13,840,12,10,MNAVG,0.07521005000000,0.00000081789910
C1B3H2S2P1L2M3J1E1A3,HIB,OGAB,12,4,6,13,840,12,10,MNHVY,0.13309960000000,0.00001011935000
C1B3H2S2P1L2M3J1E2A1,HIB,OGAB,12,4,6,13,840,12,40,MEPDG,0.14736290000000,0.00000676336800
C1B3H2S2P1L2M3J1E2A2,HIB,OGAB,12,4,6,13,840,12,40,MNAVG,0.07521005000000,0.00000081789910
C1B3H2S2P1L2M3J1E2A3,HIB,OGAB,12,4,6,13,840,12,40,MNHVY,0.13309960000000,0.00001011935000
C1B3H2S2P1L2M3J2E1A1,HIB,OGAB,12,4,6,13,840,15,10,MEPDG,0.58784400000000,0.00000000000336
C1B3H2S2P1L2M3J2E1A2,HIB,OGAB,12,4,6,13,840,15,10,MNAVG,0.40446260000000,0.00000000000038
C1B3H2S2P1L2M3J2E1A3,HIB,OGAB,12,4,6,13,840,15,10,MNHVY,0.83630340000000,0.00000000000533
C1B3H2S2P1L2M3J2E2A1,HIB,OGAB,12,4,6,13,840,15,40,MEPDG,0.58784400000000,0.00000000000336
C1B3H2S2P1L2M3J2E2A2,HIB,OGAB,12,4,6,13,840,15,40,MNAVG,0.40446260000000,0.00000000000038
C1B3H2S2P1L2M3J2E2A3,HIB,OGAB,12,4,6,13,840,15,40,MNHVY,0.83630340000000,0.00000000000533
C1B3H2S2P2L1M1J1E1A1,HIB,OGAB,12,4,7,12,340,12,10,MEPDG,37.69811000000000,0.00000000001538
C1B3H2S2P2L1M1J1E1A2,HIB,OGAB,12,4,7,12,340,12,10,MNAVG,28.91001000000000,0.00000000000095
C1B3H2S2P2L1M1J1E1A3,HIB,OGAB,12,4,7,12,340,12,10,MNHVY,53.72244000000000,0.00000000001305
C1B3H2S2P2L1M1J1E2A1,HIB,OGAB,12,4,7,12,340,12,40,MEPDG,21.82049000000000,0.00000000001028
C1B3H2S2P2L1M1J1E2A2,HIB,OGAB,12,4,7,12,340,12,40,MNAVG,16.54783000000000,0.00000000000077
C1B3H2S2P2L1M1J1E2A3,HIB,OGAB,12,4,7,12,340,12,40,MNHVY,30.53185000000000,0.00000000001034
C1B3H2S2P2L1M1J2E1A1,HIB,OGAB,12,4,7,12,340,15,10,MEPDG,69.20202000000000,0.00000000005710
```

```
C1B3H2S2P2L1M1J2E1A2,HIB,OGAB,12,4,7,12,340,15,10,MNAVG,58.91804000000000,0.00000000000676
C1B3H2S2P2L1M1J2E1A3,HIB,OGAB,12,4,7,12,340,15,10,MNHVY,112.20190000000000,0.00000000008287
C1B3H2S2P2L1M1J2E2A1,HIB,OGAB,12,4,7,12,340,15,40,MEPDG,43.39159000000000,0.00000000003231
C1B3H2S2P2L1M1J2E2A2,HIB,OGAB,12,4,7,12,340,15,40,MNAVG,37.06322000000000,0.00000000000436
C1B3H2S2P2L1M1J2E2A3,HIB,OGAB,12,4,7,12,340,15,40,MNHVY,70.25465000000000,0.00000000005099
C1B3H2S2P2L1M2J1E1A1,HIB,OGAB,12,4,7,12,590,12,10,MEPDG,2.70575900000000,0.00011669180000
C1B3H2S2P2L1M2J1E1A2,HIB,OGAB,12,4,7,12,590,12,10,MNAVG,1.44780200000000,0.00002095873000
C1B3H2S2P2L1M2J1E1A3,HIB,OGAB,12,4,7,12,590,12,10,MNHVY,2.77352800000000,0.00022226740000
C1B3H2S2P2L1M2J1E2A1,HIB,OGAB,12,4,7,12,590,12,40,MEPDG,1.29122200000000,0.00014990300000
C1B3H2S2P2L1M2J1E2A2,HIB,OGAB,12,4,7,12,590,12,40,MNAVG,0.69793610000000,0.00002476604000
C1B3H2S2P2L1M2J1E2A3,HIB,OGAB,12,4,7,12,590,12,40,MNHVY,1.27040900000000,0.00027289270000
C1B3H2S2P2L1M2J2E1A1,HIB,OGAB,12,4,7,12,590,15,10,MEPDG,8.72210500000000,0.00000000066859
C1B3H2S2P2L1M2J2E1A2,HIB,OGAB,12,4,7,12,590,15,10,MNAVG,5.94691100000000,0.00000000007618
C1B3H2S2P2L1M2J2E1A3,HIB,OGAB,12,4,7,12,590,15,10,MNHVY,12.64178000000000,0.00000000103580
C1B3H2S2P2L1M2J2E2A1,HIB,OGAB,12,4,7,12,590,15,40,MEPDG,4.68711700000000,0.00000000035350
C1B3H2S2P2L1M2J2E2A2,HIB,OGAB,12,4,7,12,590,15,40,MNAVG,3.29706100000000,0.00000000004305
C1B3H2S2P2L1M2J2E2A3,HIB,OGAB,12,4,7,12,590,15,40,MNHVY,6.73467700000000,0.00000000056781
C1B3H2S2P2L1M3J1E1A1,HIB,OGAB,12,4,7,12,840,12,10,MEPDG,0.28542470000000,0.00013335890000
C1B3H2S2P2L1M3J1E1A2,HIB,OGAB,12,4,7,12,840,12,10,MNAVG,0.10668020000000,0.00001814052000
C1B3H2S2P2L1M3J1E1A3,HIB,OGAB,12,4,7,12,840,12,10,MNHVY,0.20549000000000,0.00021920540000
C1B3H2S2P2L1M3J1E2A1,HIB,OGAB,12,4,7,12,840,12,40,MEPDG,0.11536230000000,0.00008863230000
C1B3H2S2P2L1M3J1E2A2,HIB,OGAB,12,4,7,12,840,12,40,MNAVG,0.04466110000000,0.00001025631000
C1B3H2S2P2L1M3J1E2A3,HIB,OGAB,12,4,7,12,840,12,40,MNHVY,0.07857116000000,0.00013003780000
C1B3H2S2P2L1M3J2E1A1,HIB,OGAB,12,4,7,12,840,15,10,MEPDG,1.47858200000000,0.00725183900000
C1B3H2S2P2L1M3J2E1A2,HIB,OGAB,12,4,7,12,840,15,10,MNAVG,0.76500050000000,0.00126371000000
C1B3H2S2P2L1M3J2E1A3,HIB,OGAB,12,4,7,12,840,15,10,MNHVY,1.88328400000000,0.01348253000000
C1B3H2S2P2L1M3J2E2A1,HIB,OGAB,12,4,7,12,840,15,40,MEPDG,0.69298240000000,0.00017336170000
C1B3H2S2P2L1M3J2E2A2,HIB,OGAB,12,4,7,12,840,15,40,MNAVG,0.37809400000000,0.00002922871000
C1B3H2S2P2L1M3J2E2A3,HIB,OGAB,12,4,7,12,840,15,40,MNHVY,0.86772310000000,0.00032370890000
C1B3H2S2P2L2M1J1E1A1,HIB,OGAB,12,4,7,13,340,12,10,MEPDG,5.78612400000000,0.00000000000436
C1B3H2S2P2L2M1J1E1A2,HIB,OGAB,12,4,7,13,340,12,10,MNAVG,4.33253300000000,0.00000000000038
C1B3H2S2P2L2M1J1E1A3,HIB,OGAB,12,4,7,13,340,12,10,MNHVY,8.04036200000000,0.00000000000491
C1B3H2S2P2L2M1J1E2A1,HIB,OGAB,12,4,7,13,340,12,40,MEPDG,5.78612400000000,0.00000000000436
C1B3H2S2P2L2M1J1E2A2,HIB,OGAB,12,4,7,13,340,12,40,MNAVG,4.33253300000000,0.00000000000038
C1B3H2S2P2L2M1J1E2A3,HIB,OGAB,12,4,7,13,340,12,40,MNHVY,8.04036200000000,0.00000000000491
C1B3H2S2P2L2M1J2E1A1,HIB,OGAB,12,4,7,13,340,15,10,MEPDG,12.65348000000000,0.00000000001588
C1B3H2S2P2L2M1J2E1A2,HIB,OGAB,12,4,7,13,340,15,10,MNAVG,10.87880000000000,0.00000000000239
C1B3H2S2P2L2M1J2E1A3,HIB,OGAB,12,4,7,13,340,15,10,MNHVY,20.59699000000000,0.00000000002666
C1B3H2S2P2L2M1J2E2A1,HIB,OGAB,12,4,7,13,340,15,40,MEPDG,12.65348000000000,0.00000000001588
C1B3H2S2P2L2M1J2E2A2,HIB,OGAB,12,4,7,13,340,15,40,MNAVG,10.87880000000000,0.00000000000239
C1B3H2S2P2L2M1J2E2A3,HIB,OGAB,12,4,7,13,340,15,40,MNHVY,20.59699000000000,0.00000000002666
C1B3H2S2P2L2M2J1E1A1,HIB,OGAB,12,4,7,13,590,12,10,MEPDG,0.30862070000000,0.00008131596000
C1B3H2S2P2L2M2J1E1A2,HIB,OGAB,12,4,7,13,590,12,10,MNAVG,0.16375460000000,0.00001359635000
C1B3H2S2P2L2M2J1E1A3,HIB,OGAB,12,4,7,13,590,12,10,MNHVY,0.29898820000000,0.00014835230000
C1B3H2S2P2L2M2J1E2A1,HIB,OGAB,12,4,7,13,590,12,40,MEPDG,0.30862070000000,0.00008131596000
C1B3H2S2P2L2M2J1E2A2,HIB,OGAB,12,4,7,13,590,12,40,MNAVG,0.16375460000000,0.00001359635000
C1B3H2S2P2L2M2J1E2A3,HIB,OGAB,12,4,7,13,590,12,40,MNHVY,0.29898820000000,0.00014835230000
C1B3H2S2P2L2M2J2E1A1,HIB,OGAB,12,4,7,13,590,15,10,MEPDG,1.28422700000000,0.00000000015788
C1B3H2S2P2L2M2J2E1A2,HIB,OGAB,12,4,7,13,590,15,10,MNAVG,0.90948620000000,0.00000000002050
C1B3H2S2P2L2M2J2E1A3,HIB,OGAB,12,4,7,13,590,15,10,MNHVY,1.86346700000000,0.00000000026322
```

```
C1B3H2S2P2L2M2J2E2A1,HIB,OGAB,12,4,7,13,590,15,40,MEPDG,1.28422700000000,0.00000000015788
C1B3H2S2P2L2M2J2E2A2,HIB,OGAB,12,4,7,13,590,15,40,MNAVG,0.90948620000000,0.00000000002050
C1B3H2S2P2L2M2J2E2A3,HIB,OGAB,12,4,7,13,590,15,40,MNHVY,1.86346700000000,0.00000000026322
C1B3H2S2P2L2M3J1E1A1,HIB,OGAB,12,4,7,13,840,12,10,MEPDG,0.02548578000000,0.00004481590000
C1B3H2S2P2L2M3J1E1A2,HIB,OGAB,12,4,7,13,840,12,10,MNAVG,0.00971772500000,0.00000508474200
C1B3H2S2P2L2M3J1E1A3,HIB,OGAB,12,4,7,13,840,12,10,MNHVY,0.01704288000000,0.00006449175000
C1B3H2S2P2L2M3J1E2A1,HIB,OGAB,12,4,7,13,840,12,40,MEPDG,0.02548578000000,0.00004481590000
C1B3H2S2P2L2M3J1E2A2,HIB,OGAB,12,4,7,13,840,12,40,MNAVG,0.00971772500000,0.00000508474200
C1B3H2S2P2L2M3J1E2A3,HIB,OGAB,12,4,7,13,840,12,40,MNHVY,0.01704288000000,0.00006449175000
C1B3H2S2P2L2M3J2E1A1,HIB,OGAB,12,4,7,13,840,15,10,MEPDG,0.17716850000000,0.00009599950000
C1B3H2S2P2L2M3J2E1A2,HIB,OGAB,12,4,7,13,840,15,10,MNAVG,0.09670155000000,0.00001608737000
C1B3H2S2P2L2M3J2E1A3,HIB,OGAB,12,4,7,13,840,15,10,MNHVY,0.22335370000000,0.00017822500000
C1B3H2S2P2L2M3J2E2A1,HIB,OGAB,12,4,7,13,840,15,40,MEPDG,0.17716850000000,0.00009599950000
C1B3H2S2P2L2M3J2E2A2,HIB,OGAB,12,4,7,13,840,15,40,MNAVG,0.09670155000000,0.00001608737000
C1B3H2S2P2L2M3J2E2A3,HIB,OGAB,12,4,7,13,840,15,40,MNHVY,0.22335370000000,0.00017822500000
C1B3H2S2P3L1M1J1E1A1,HIB,OGAB,12,4,8,12,340,12,10,MEPDG,14.38515000000000,0.00113001300000
C1B3H2S2P3L1M1J1E1A2,HIB,OGAB,12,4,8,12,340,12,10,MNAVG,9.24913600000000,0.00023348220000
C1B3H2S2P3L1M1J1E1A3,HIB,OGAB,12,4,8,12,340,12,10,MNHVY,17.61341000000000,0.00230285800000
C1B3H2S2P3L1M1J1E2A1,HIB,OGAB,12,4,8,12,340,12,40,MEPDG,7.58395500000000,0.00087747370000
C1B3H2S2P3L1M1J1E2A2,HIB,OGAB,12,4,8,12,340,12,40,MNAVG,4.91335400000000,0.00017522980000
C1B3H2S2P3L1M1J1E2A3,HIB,OGAB,12,4,8,12,340,12,40,MNHVY,9.00747100000000,0.00175901700000
C1B3H2S2P3L1M1J2E1A1,HIB,OGAB,12,4,8,12,340,15,10,MEPDG,36.06746000000000,0.00000000424302
C1B3H2S2P3L1M1J2E1A2,HIB,OGAB,12,4,8,12,340,15,10,MNAVG,27.61528000000000,0.00000000056668
C1B3H2S2P3L1M1J2E1A3,HIB,OGAB,12,4,8,12,340,15,10,MNHVY,55.64209000000000,0.00000000688012
C1B3H2S2P3L1M1J2E2A1,HIB,OGAB,12,4,8,12,340,15,40,MEPDG,21.13215000000000,0.00159399600000
C1B3H2S2P3L1M1J2E2A2,HIB,OGAB,12,4,8,12,340,15,40,MNAVG,16.56609000000000,0.00036774990000
C1B3H2S2P3L1M1J2E2A3,HIB,OGAB,12,4,8,12,340,15,40,MNHVY,32.45169000000000,0.00326012000000
C1B3H2S2P3L1M2J1E1A1,HIB,OGAB,12,4,8,12,590,12,10,MEPDG,0.60201860000000,0.00073315520000
C1B3H2S2P3L1M2J1E1A2,HIB,OGAB,12,4,8,12,590,12,10,MNAVG,0.23515980000000,0.00012800110000
C1B3H2S2P3L1M2J1E1A3,HIB,OGAB,12,4,8,12,590,12,10,MNHVY,0.43993120000000,0.00139967900000
C1B3H2S2P3L1M2J1E2A1,HIB,OGAB,12,4,8,12,590,12,40,MEPDG,0.25009110000000,0.00059445860000
C1B3H2S2P3L1M2J1E2A2,HIB,OGAB,12,4,8,12,590,12,40,MNAVG,0.10148650000000,0.00009602108000
C1B3H2S2P3L1M2J1E2A3,HIB,OGAB,12,4,8,12,590,12,40,MNHVY,0.17204890000000,0.00108374300000
C1B3H2S2P3L1M2J2E1A1,HIB,OGAB,12,4,8,12,590,15,10,MEPDG,2.89985700000000,0.00174641000000
C1B3H2S2P3L1M2J2E1A2,HIB,OGAB,12,4,8,12,590,15,10,MNAVG,1.56857600000000,0.00036743840000
C1B3H2S2P3L1M2J2E1A3,HIB,OGAB,12,4,8,12,590,15,10,MNHVY,3.63352700000000,0.00359100800000
C1B3H2S2P3L1M2J2E2A1,HIB,OGAB,12,4,8,12,590,15,40,MEPDG,1.40354900000000,0.00135396000000
C1B3H2S2P3L1M2J2E2A2,HIB,OGAB,12,4,8,12,590,15,40,MNAVG,0.80383040000000,0.00027477080000
C1B3H2S2P3L1M2J2E2A3,HIB,OGAB,12,4,8,12,590,15,40,MNHVY,1.73078100000000,0.00273883800000
C1B3H2S2P3L1M3J1E1A1,HIB,OGAB,12,4,8,12,840,12,10,MEPDG,0.04055303000000,0.00020558760000
C1B3H2S2P3L1M3J1E1A2,HIB,OGAB,12,4,8,12,840,12,10,MNAVG,0.01074708000000,0.00002647956000
C1B3H2S2P3L1M3J1E1A3,HIB,OGAB,12,4,8,12,840,12,10,MNHVY,0.01801596000000,0.00032705390000
C1B3H2S2P3L1M3J1E2A1,HIB,OGAB,12,4,8,12,840,12,40,MEPDG,0.01371758000000,0.00014131880000
C1B3H2S2P3L1M3J1E2A2,HIB,OGAB,12,4,8,12,840,12,40,MNAVG,0.00396711500000,0.00001555564000
C1B3H2S2P3L1M3J1E2A3,HIB,OGAB,12,4,8,12,840,12,40,MNHVY,0.00576227600000,0.00020001230000
C1B3H2S2P3L1M3J2E1A1,HIB,OGAB,12,4,8,12,840,15,10,MEPDG,0.31869010000000,0.00324391600000
C1B3H2S2P3L1M3J2E1A2,HIB,OGAB,12,4,8,12,840,15,10,MNAVG,0.11729010000000,0.00055872930000
C1B3H2S2P3L1M3J2E1A3,HIB,OGAB,12,4,8,12,840,15,10,MNHVY,0.30849310000000,0.00620171000000
C1B3H2S2P3L1M3J2E2A1,HIB,OGAB,12,4,8,12,840,15,40,MEPDG,0.12679090000000,0.00186303100000
C1B3H2S2P3L1M3J2E2A2,HIB,OGAB,12,4,8,12,840,15,40,MNAVG,0.05047999000000,0.00029799600000
```

```
C1B3H2S2P3L1M3J2E2A3,HIB,OGAB,12,4,8,12,840,15,40,MNHVY,0.11763400000000,0.00340744000000
C1B3H2S2P3L2M1J1E1A1,HIB,OGAB,12,4,8,13,340,12,10,MEPDG,1.90588800000000,0.00048231190000
C1B3H2S2P3L2M1J1E1A2,HIB,OGAB,12,4,8,13,340,12,10,MNAVG,1.21573300000000,0.00009827843000
C1B3H2S2P3L2M1J1E1A3,HIB,OGAB,12,4,8,13,340,12,10,MNHVY,2.22245000000000,0.00096996940000
C1B3H2S2P3L2M1J1E2A1,HIB,OGAB,12,4,8,13,340,12,40,MEPDG,1.90588800000000,0.00048231190000
C1B3H2S2P3L2M1J1E2A2,HIB,OGAB,12,4,8,13,340,12,40,MNAVG,1.21573300000000,0.00009827843000
C1B3H2S2P3L2M1J1E2A3,HIB,OGAB,12,4,8,13,340,12,40,MNHVY,2.22245000000000,0.00096996940000
C1B3H2S2P3L2M1J2E1A1,HIB,OGAB,12,4,8,13,340,15,10,MEPDG,6.04695000000000,0.00097692700000
C1B3H2S2P3L2M1J2E1A2,HIB,OGAB,12,4,8,13,340,15,10,MNAVG,4.78420000000000,0.00022912380000
C1B3H2S2P3L2M1J2E1A3,HIB,OGAB,12,4,8,13,340,15,10,MNHVY,9.32452700000000,0.00199757100000
C1B3H2S2P3L2M1J2E2A1,HIB,OGAB,12,4,8,13,340,15,40,MEPDG,6.04695000000000,0.00097692700000
C1B3H2S2P3L2M1J2E2A2,HIB,OGAB,12,4,8,13,340,15,40,MNAVG,4.78420000000000,0.00022912380000
C1B3H2S2P3L2M1J2E2A3,HIB,OGAB,12,4,8,13,340,15,40,MNHVY,9.32452700000000,0.00199757100000
C1B3H2S2P3L2M2J1E1A1,HIB,OGAB,12,4,8,13,590,12,10,MEPDG,0.05549413000000,0.00030306280000
C1B3H2S2P3L2M2J1E1A2,HIB,OGAB,12,4,8,13,590,12,10,MNAVG,0.02225379000000,0.00004934407000
C1B3H2S2P3L2M2J1E1A3,HIB,OGAB,12,4,8,13,590,12,10,MNHVY,0.03702987000000,0.00055209980000
C1B3H2S2P3L2M2J1E2A1,HIB,OGAB,12,4,8,13,590,12,40,MEPDG,0.05549413000000,0.00030306280000
C1B3H2S2P3L2M2J1E2A2,HIB,OGAB,12,4,8,13,590,12,40,MNAVG,0.02225379000000,0.00004934407000
C1B3H2S2P3L2M2J1E2A3,HIB,OGAB,12,4,8,13,590,12,40,MNHVY,0.03702987000000,0.00055209980000
C1B3H2S2P3L2M2J2E1A1,HIB,OGAB,12,4,8,13,590,15,10,MEPDG,0.36279280000000,0.00363629100000
C1B3H2S2P3L2M2J2E1A2,HIB,OGAB,12,4,8,13,590,15,10,MNAVG,0.20914050000000,0.00073975530000
C1B3H2S2P3L2M2J2E1A3,HIB,OGAB,12,4,8,13,590,15,10,MNHVY,0.44780360000000,0.00730591700000
C1B3H2S2P3L2M2J2E2A1,HIB,OGAB,12,4,8,13,590,15,40,MEPDG,0.36279280000000,0.00363629100000
C1B3H2S2P3L2M2J2E2A2,HIB,OGAB,12,4,8,13,590,15,40,MNAVG,0.20914050000000,0.00073975530000
C1B3H2S2P3L2M2J2E2A3,HIB,OGAB,12,4,8,13,590,15,40,MNHVY,0.44780360000000,0.00730591700000
C1B3H2S2P3L2M3J1E1A1,HIB,OGAB,12,4,8,13,840,12,10,MEPDG,0.00280270400000,0.00006141740000
C1B3H2S2P3L2M3J1E1A2,HIB,OGAB,12,4,8,13,840,12,10,MNAVG,0.00081632010000,0.00000659566300
C1B3H2S2P3L2M3J1E1A3,HIB,OGAB,12,4,8,13,840,12,10,MNHVY,0.00116088400000,0.00008484191000
C1B3H2S2P3L2M3J1E2A1,HIB,OGAB,12,4,8,13,840,12,40,MEPDG,0.00280270400000,0.00006141740000
C1B3H2S2P3L2M3J1E2A2,HIB,OGAB,12,4,8,13,840,12,40,MNAVG,0.00081632010000,0.00000659566300
C1B3H2S2P3L2M3J1E2A3,HIB,OGAB,12,4,8,13,840,12,40,MNHVY,0.00116088400000,0.00008484191000
C1B3H2S2P3L2M3J2E1A1,HIB,OGAB,12,4,8,13,840,15,10,MEPDG,0.03017945000000,0.00034316710000
C1B3H2S2P3L2M3J2E1A2,HIB,OGAB,12,4,8,13,840,15,10,MNAVG,0.01206158000000,0.00005459497000
C1B3H2S2P3L2M3J2E1A3,HIB,OGAB,12,4,8,13,840,15,10,MNHVY,0.02802676000000,0.00062875000000
C1B3H2S2P3L2M3J2E2A1,HIB,OGAB,12,4,8,13,840,15,40,MEPDG,0.03017945000000,0.00034316710000
C1B3H2S2P3L2M3J2E2A2,HIB,OGAB,12,4,8,13,840,15,40,MNAVG,0.01206158000000,0.00005459497000
C1B3H2S2P3L2M3J2E2A3,HIB,OGAB,12,4,8,13,840,15,40,MNHVY,0.02802676000000,0.00062875000000
C1B3H2S2P4L1M1J1E1A1,HIB,OGAB,12,4,9,12,340,12,10,MEPDG,4.75996800000000,0.00456413100000
C1B3H2S2P4L1M1J1E1A2,HIB,OGAB,12,4,9,12,340,12,10,MNAVG,2.44429300000000,0.00090053780000
C1B3H2S2P4L1M1J1E1A3,HIB,OGAB,12,4,9,12,340,12,10,MNHVY,4.69999800000000,0.00931472400000
C1B3H2S2P4L1M1J1E2A1,HIB,OGAB,12,4,9,12,340,12,40,MEPDG,2.30826800000000,0.00338714600000
C1B3H2S2P4L1M1J1E2A2,HIB,OGAB,12,4,9,12,340,12,40,MNAVG,1.21911700000000,0.00064954630000
C1B3H2S2P4L1M1J1E2A3,HIB,OGAB,12,4,9,12,340,12,40,MNHVY,2.20416000000000,0.00678944400000
C1B3H2S2P4L1M1J2E1A1,HIB,OGAB,12,4,9,12,340,15,10,MEPDG,16.30637000000000,0.00680667400000
C1B3H2S2P4L1M1J2E1A2,HIB,OGAB,12,4,9,12,340,15,10,MNAVG,10.86094000000000,0.00153912700000
C1B3H2S2P4L1M1J2E1A3,HIB,OGAB,12,4,9,12,340,15,10,MNHVY,23.28686000000000,0.01418848000000
C1B3H2S2P4L1M1J2E2A1,HIB,OGAB,12,4,9,12,340,15,40,MEPDG,8.91495200000000,0.00742253800000
C1B3H2S2P4L1M1J2E2A2,HIB,OGAB,12,4,9,12,340,15,40,MNAVG,6.20173200000000,0.00166820600000
C1B3H2S2P4L1M1J2E2A3,HIB,OGAB,12,4,9,12,340,15,40,MNHVY,12.65123000000000,0.01536030000000
C1B3H2S2P4L1M2J1E1A1,HIB,OGAB,12,4,9,12,590,12,10,MEPDG,0.11557940000000,0.00114552900000
```

```
C1B3H2S2P4L1M2J1E1A2,HIB,OGAB,12,4,9,12,590,12,10,MNAVG,0.03294625000000,0.00018329990000
C1B3H2S2P4L1M2J1E1A3,HIB,OGAB,12,4,9,12,590,12,10,MNHVY,0.05673983000000,0.00212813700000
C1B3H2S2P4L1M2J1E2A1,HIB,OGAB,12,4,9,12,590,12,40,MEPDG,0.04120150000000,0.00078451440000
C1B3H2S2P4L1M2J1E2A2,HIB,OGAB,12,4,9,12,590,12,40,MNAVG,0.01267414000000,0.00011758620000
C1B3H2S2P4L1M2J1E2A3,HIB,OGAB,12,4,9,12,590,12,40,MNHVY,0.01879490000000,0.00138927200000
C1B3H2S2P4L1M2J2E1A1,HIB,OGAB,12,4,9,12,590,15,10,MEPDG,0.78128970000000,0.03530366000000
C1B3H2S2P4L1M2J2E1A2,HIB,OGAB,12,4,9,12,590,15,10,MNAVG,0.32046590000000,0.00661882800000
C1B3H2S2P4L1M2J2E1A3,HIB,OGAB,12,4,9,12,590,15,10,MNHVY,0.79036920000000,0.07047978000000
C1B3H2S2P4L1M2J2E2A1,HIB,OGAB,12,4,9,12,590,15,40,MEPDG,0.33223160000000,0.00258913500000
C1B3H2S2P4L1M2J2E2A2,HIB,OGAB,12,4,9,12,590,15,40,MNAVG,0.14755690000000,0.00050042640000
C1B3H2S2P4L1M2J2E2A3,HIB,OGAB,12,4,9,12,590,15,40,MNHVY,0.32555650000000,0.00523160700000
C1B3H2S2P4L1M3J1E1A1,HIB,OGAB,12,4,9,12,840,12,10,MEPDG,0.00541473400000,0.00013318770000
C1B3H2S2P4L1M3J1E1A2,HIB,OGAB,12,4,9,12,840,12,10,MNAVG,0.00113888300000,0.00001557036000
C1B3H2S2P4L1M3J1E1A3,HIB,OGAB,12,4,9,12,840,12,10,MNHVY,0.00157992700000,0.00020066940000
C1B3H2S2P4L1M3J1E2A1,HIB,OGAB,12,4,9,12,840,12,40,MEPDG,0.00157441000000,0.00009621924000
C1B3H2S2P4L1M3J1E2A2,HIB,OGAB,12,4,9,12,840,12,40,MNAVG,0.00038515240000,0.00000982551400
C1B3H2S2P4L1M3J1E2A3,HIB,OGAB,12,4,9,12,840,12,40,MNHVY,0.00046068150000,0.00012948780000
C1B3H2S2P4L1M3J2E1A1,HIB,OGAB,12,4,9,12,840,15,10,MEPDG,0.05544098000000,0.00407065300000
C1B3H2S2P4L1M3J2E1A2,HIB,OGAB,12,4,9,12,840,15,10,MNAVG,0.01439214000000,0.00063394230000
C1B3H2S2P4L1M3J2E1A3,HIB,OGAB,12,4,9,12,840,15,10,MNHVY,0.03827264000000,0.00741179000000
C1B3H2S2P4L1M3J2E2A1,HIB,OGAB,12,4,9,12,840,15,40,MEPDG,0.01893154000000,0.00061421200000
C1B3H2S2P4L1M3J2E2A2,HIB,OGAB,12,4,9,12,840,15,40,MNAVG,0.00549214400000,0.00009274089000
C1B3H2S2P4L1M3J2E2A3,HIB,OGAB,12,4,9,12,840,15,40,MNHVY,0.01229973000000,0.00110878700000
C1B3H2S2P4L2M1J1E1A1,HIB,OGAB,12,4,9,13,340,12,10,MEPDG,0.55274980000000,0.00186415400000
C1B3H2S2P4L2M1J1E1A2,HIB,OGAB,12,4,9,13,340,12,10,MNAVG,0.28773060000000,0.00036264370000
C1B3H2S2P4L2M1J1E1A3,HIB,OGAB,12,4,9,13,340,12,10,MNHVY,0.51482610000000,0.00374689300000
C1B3H2S2P4L2M1J1E2A1,HIB,OGAB,12,4,9,13,340,12,40,MEPDG,0.55274980000000,0.00186415400000
C1B3H2S2P4L2M1J1E2A2,HIB,OGAB,12,4,9,13,340,12,40,MNAVG,0.28773060000000,0.00036264370000
C1B3H2S2P4L2M1J1E2A3,HIB,OGAB,12,4,9,13,340,12,40,MNHVY,0.51482610000000,0.00374689300000
C1B3H2S2P4L2M1J2E1A1,HIB,OGAB,12,4,9,13,340,15,10,MEPDG,2.49648900000000,0.00461408200000
C1B3H2S2P4L2M1J2E1A2,HIB,OGAB,12,4,9,13,340,15,10,MNAVG,1.76013400000000,0.00105260900000
C1B3H2S2P4L2M1J2E1A3,HIB,OGAB,12,4,9,13,340,15,10,MNHVY,3.56520300000000,0.00953597700000
C1B3H2S2P4L2M1J2E2A1,HIB,OGAB,12,4,9,13,340,15,40,MEPDG,2.49648900000000,0.00461408200000
C1B3H2S2P4L2M1J2E2A2,HIB,OGAB,12,4,9,13,340,15,40,MNAVG,1.76013400000000,0.00105260900000
C1B3H2S2P4L2M1J2E2A3,HIB,OGAB,12,4,9,13,340,15,40,MNHVY,3.56520300000000,0.00953597700000
C1B3H2S2P4L2M2J1E1A1,HIB,OGAB,12,4,9,13,590,12,10,MEPDG,0.00855639900000,0.00037335830000
C1B3H2S2P4L2M2J1E1A2,HIB,OGAB,12,4,9,13,590,12,10,MNAVG,0.00264537900000,0.00005615188000
C1B3H2S2P4L2M2J1E1A3,HIB,OGAB,12,4,9,13,590,12,10,MNHVY,0.00379323500000,0.00066010650000
C1B3H2S2P4L2M2J1E2A1,HIB,OGAB,12,4,9,13,590,12,40,MEPDG,0.00855639900000,0.00037335830000
C1B3H2S2P4L2M2J1E2A2,HIB,OGAB,12,4,9,13,590,12,40,MNAVG,0.00264537900000,0.00005615188000
C1B3H2S2P4L2M2J1E2A3,HIB,OGAB,12,4,9,13,590,12,40,MNHVY,0.00379323500000,0.00066010650000
C1B3H2S2P4L2M2J2E1A1,HIB,OGAB,12,4,9,13,590,15,10,MEPDG,0.08019675000000,0.00150501900000
C1B3H2S2P4L2M2J2E1A2,HIB,OGAB,12,4,9,13,590,15,10,MNAVG,0.03588944000000,0.00029438290000
C1B3H2S2P4L2M2J2E1A3,HIB,OGAB,12,4,9,13,590,15,10,MNHVY,0.07789758000000,0.00304126700000
C1B3H2S2P4L2M2J2E2A1,HIB,OGAB,12,4,9,13,590,15,40,MEPDG,0.08019675000000,0.00150501900000
C1B3H2S2P4L2M2J2E2A2,HIB,OGAB,12,4,9,13,590,15,40,MNAVG,0.03588944000000,0.00029438290000
C1B3H2S2P4L2M2J2E2A3,HIB,OGAB,12,4,9,13,590,15,40,MNHVY,0.07789758000000,0.00304126700000
C1B3H2S2P4L2M3J1E1A1,HIB,OGAB,12,4,9,13,840,12,10,MEPDG,0.00030117550000,0.00004305379000
C1B3H2S2P4L2M3J1E1A2,HIB,OGAB,12,4,9,13,840,12,10,MNAVG,0.00007573601000,0.00000428460600
C1B3H2S2P4L2M3J1E1A3,HIB,OGAB,12,4,9,13,840,12,10,MNHVY,0.00008839639000,0.00005654078000
```

```
C1B3H2S2P4L2M3J1E2A1,HIB,OGAB,12,4,9,13,840,12,40,MEPDG,0.00030117550000,0.00004305379000
C1B3H2S2P4L2M3J1E2A2,HIB,OGAB,12,4,9,13,840,12,40,MNAVG,0.00007573601000,0.00000428460600
C1B3H2S2P4L2M3J1E2A3,HIB,OGAB,12,4,9,13,840,12,40,MNHVY,0.00008839639000,0.00005654078000
C1B3H2S2P4L2M3J2E1A1,HIB,OGAB,12,4,9,13,840,15,10,MEPDG,0.00409277500000,0.00070182410000
C1B3H2S2P4L2M3J2E1A2,HIB,OGAB,12,4,9,13,840,15,10,MNAVG,0.00120308400000,0.00010652750000
C1B3H2S2P4L2M3J2E1A3,HIB,OGAB,12,4,9,13,840,15,10,MNHVY,0.00261413600000,0.00125405200000
C1B3H2S2P4L2M3J2E2A1,HIB,OGAB,12,4,9,13,840,15,40,MEPDG,0.00409277500000,0.00070182410000
C1B3H2S2P4L2M3J2E2A2,HIB,OGAB,12,4,9,13,840,15,40,MNAVG,0.00120308400000,0.00010652750000
C1B3H2S2P4L2M3J2E2A3,HIB,OGAB,12,4,9,13,840,15,40,MNHVY,0.00261413600000,0.00125405200000
C1B3H2S2P5L1M1J1E1A1,HIB,OGAB,12,4,10,12,340,12,10,MEPDG,1.40160700000000,0.01028306000000
C1B3H2S2P5L1M1J1E1A2,HIB,OGAB,12,4,10,12,340,12,10,MNAVG,0.55409090000000,0.00186204000000
C1B3H2S2P5L1M1J1E1A3,HIB,OGAB,12,4,10,12,340,12,10,MNHVY,1.05020700000000,0.02073748000000
C1B3H2S2P5L1M1J1E2A1,HIB,OGAB,12,4,10,12,340,12,40,MEPDG,0.59161850000000,0.00726161900000
C1B3H2S2P5L1M1J1E2A2,HIB,OGAB,12,4,10,12,340,12,40,MNAVG,0.24306500000000,0.00129045800000
C1B3H2S2P5L1M1J1E2A3,HIB,OGAB,12,4,10,12,340,12,40,MNHVY,0.41128470000000,0.01437550000000
C1B3H2S2P5L1M1J2E1A1,HIB,OGAB,12,4,10,12,340,15,10,MEPDG,6.15944200000000,0.01763033000000
C1B3H2S2P5L1M1J2E1A2,HIB,OGAB,12,4,10,12,340,15,10,MNAVG,3.42799300000000,0.00377552100000
C1B3H2S2P5L1M1J2E1A3,HIB,OGAB,12,4,10,12,340,15,10,MNHVY,7.72596300000000,0.03700994000000
C1B3H2S2P5L1M1J2E2A1,HIB,OGAB,12,4,10,12,340,15,40,MEPDG,3.08341600000000,0.01450139000000
C1B3H2S2P5L1M1J2E2A2,HIB,OGAB,12,4,10,12,340,15,40,MNAVG,1.82416300000000,0.00309064000000
C1B3H2S2P5L1M1J2E2A3,HIB,OGAB,12,4,10,12,340,15,40,MNHVY,3.81998600000000,0.03017785000000
C1B3H2S2P5L1M2J1E1A1,HIB,OGAB,12,4,10,12,590,12,10,MEPDG,0.02071955000000,0.00189321300000
C1B3H2S2P5L1M2J1E1A2,HIB,OGAB,12,4,10,12,590,12,10,MNAVG,0.00461816200000,0.00025421000000
C1B3H2S2P5L1M2J1E1A3,HIB,OGAB,12,4,10,12,590,12,10,MNHVY,0.00685647300000,0.00323070500000
C1B3H2S2P5L1M2J1E2A1,HIB,OGAB,12,4,10,12,590,12,40,MEPDG,0.00699972900000,0.00064349590000
C1B3H2S2P5L1M2J1E2A2,HIB,OGAB,12,4,10,12,590,12,40,MNAVG,0.00177193600000,0.00008582247000
C1B3H2S2P5L1M2J1E2A3,HIB,OGAB,12,4,10,12,590,12,40,MNHVY,0.00248731200000,0.00108312700000
C1B3H2S2P5L1M2J2E1A1,HIB,OGAB,12,4,10,12,590,15,10,MEPDG,0.16820930000000,0.02563759000000
C1B3H2S2P5L1M2J2E1A2,HIB,OGAB,12,4,10,12,590,15,10,MNAVG,0.05091541000000,0.00431422200000
C1B3H2S2P5L1M2J2E1A3,HIB,OGAB,12,4,10,12,590,15,10,MNHVY,0.12528590000000,0.04945101000000
C1B3H2S2P5L1M2J2E2A1,HIB,OGAB,12,4,10,12,590,15,40,MEPDG,0.06298215000000,0.00295121700000
C1B3H2S2P5L1M2J2E2A2,HIB,OGAB,12,4,10,12,590,15,40,MNAVG,0.02108824000000,0.00053222370000
C1B3H2S2P5L1M2J2E2A3,HIB,OGAB,12,4,10,12,590,15,40,MNHVY,0.04479778000000,0.00588025500000
C1B3H2S2P5L1M3J1E1A1,HIB,OGAB,12,4,10,12,840,12,10,MEPDG,0.00084472680000,0.00010839510000
C1B3H2S2P5L1M3J1E1A2,HIB,OGAB,12,4,10,12,840,12,10,MNAVG,0.00014504190000,0.00001055836000
C1B3H2S2P5L1M3J1E1A3,HIB,OGAB,12,4,10,12,840,12,10,MNHVY,0.00019824930000,0.00014652980000
C1B3H2S2P5L1M3J1E2A1,HIB,OGAB,12,4,10,12,840,12,40,MEPDG,0.00021912650000,0.00005617709000
C1B3H2S2P5L1M3J1E2A2,HIB,OGAB,12,4,10,12,840,12,40,MNAVG,0.00004562049000,0.00000505313600
C1B3H2S2P5L1M3J1E2A3,HIB,OGAB,12,4,10,12,840,12,40,MNHVY,0.00005312112000,0.00007011493000
C1B3H2S2P5L1M3J2E1A1,HIB,OGAB,12,4,10,12,840,15,10,MEPDG,0.00738160300000,0.00181467600000
C1B3H2S2P5L1M3J2E1A2,HIB,OGAB,12,4,10,12,840,15,10,MNAVG,0.00140272000000,0.00025893470000
C1B3H2S2P5L1M3J2E1A3,HIB,OGAB,12,4,10,12,840,15,10,MNHVY,0.00320624900000,0.00320197300000
C1B3H2S2P5L1M3J2E2A1,HIB,OGAB,12,4,10,12,840,15,40,MEPDG,0.00243420000000,0.00044406760000
C1B3H2S2P5L1M3J2E2A2,HIB,OGAB,12,4,10,12,840,15,40,MNAVG,0.00053577110000,0.00006111079000
C1B3H2S2P5L1M3J2E2A3,HIB,OGAB,12,4,10,12,840,15,40,MNHVY,0.00113480500000,0.00076543780000
C1B3H2S2P5L2M1J1E1A1,HIB,OGAB,12,4,10,13,340,12,10,MEPDG,0.13360420000000,0.00388524400000
C1B3H2S2P5L2M1J1E1A2,HIB,OGAB,12,4,10,13,340,12,10,MNAVG,0.05430070000000,0.00069735040000
C1B3H2S2P5L2M1J1E1A3,HIB,OGAB,12,4,10,13,340,12,10,MNHVY,0.08964535000000,0.00771680600000
C1B3H2S2P5L2M1J1E2A1,HIB,OGAB,12,4,10,13,340,12,40,MEPDG,0.13360420000000,0.00388524400000
C1B3H2S2P5L2M1J1E2A2,HIB,OGAB,12,4,10,13,340,12,40,MNAVG,0.05430070000000,0.00069735040000
```

```
C1B3H2S2P5L2M1J1E2A3,HIB,OGAB,12,4,10,13,340,12,40,MNHVY,0.08964535000000,0.00771680600000
C1B3H2S2P5L2M1J2E1A1,HIB,OGAB,12,4,10,13,340,15,10,MEPDG,0.81745270000000,0.00900362700000
C1B3H2S2P5L2M1J2E1A2,HIB,OGAB,12,4,10,13,340,15,10,MNAVG,0.48992130000000,0.00194821200000
C1B3H2S2P5L2M1J2E1A3,HIB,OGAB,12,4,10,13,340,15,10,MNHVY,1.01364000000000,0.01872479000000
C1B3H2S2P5L2M1J2E2A1,HIB,OGAB,12,4,10,13,340,15,40,MEPDG,0.81745270000000,0.00900362700000
C1B3H2S2P5L2M1J2E2A2,HIB,OGAB,12,4,10,13,340,15,40,MNAVG,0.48992130000000,0.00194821200000
C1B3H2S2P5L2M1J2E2A3,HIB,OGAB,12,4,10,13,340,15,40,MNHVY,1.01364000000000,0.01872479000000
C1B3H2S2P5L2M2J1E1A1,HIB,OGAB,12,4,10,13,590,12,10,MEPDG,0.00129325800000,0.00030935060000
C1B3H2S2P5L2M2J1E1A2,HIB,OGAB,12,4,10,13,590,12,10,MNAVG,0.00033755050000,0.00004122474000
C1B3H2S2P5L2M2J1E1A3,HIB,OGAB,12,4,10,13,590,12,10,MNHVY,0.00041993480000,0.00051978440000
C1B3H2S2P5L2M2J1E2A1,HIB,OGAB,12,4,10,13,590,12,40,MEPDG,0.00129325800000,0.00030935060000
C1B3H2S2P5L2M2J1E2A2,HIB,OGAB,12,4,10,13,590,12,40,MNAVG,0.00033755050000,0.00004122474000
C1B3H2S2P5L2M2J1E2A3,HIB,OGAB,12,4,10,13,590,12,40,MNHVY,0.00041993480000,0.00051978440000
C1B3H2S2P5L2M2J2E1A1,HIB,OGAB,12,4,10,13,590,15,10,MEPDG,0.01573484000000,0.00161489800000
C1B3H2S2P5L2M2J2E1A2,HIB,OGAB,12,4,10,13,590,15,10,MNAVG,0.00539569800000,0.00029487280000
C1B3H2S2P5L2M2J2E1A3,HIB,OGAB,12,4,10,13,590,15,10,MNHVY,0.01207529000000,0.00322201100000
C1B3H2S2P5L2M2J2E2A1,HIB,OGAB,12,4,10,13,590,15,40,MEPDG,0.01573484000000,0.00161489800000
C1B3H2S2P5L2M2J2E2A2,HIB,OGAB,12,4,10,13,590,15,40,MNAVG,0.00539569800000,0.00029487280000
C1B3H2S2P5L2M2J2E2A3,HIB,OGAB,12,4,10,13,590,15,40,MNHVY,0.01207529000000,0.00322201100000
C1B3H2S2P5L2M3J1E1A1,HIB,OGAB,12,4,10,13,840,12,10,MEPDG,0.00003974279000,0.00002572331000
C1B3H2S2P5L2M3J1E1A2,HIB,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000859869200,0.00000226219600
C1B3H2S2P5L2M3J1E1A3,HIB,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000959178200,0.00003139405000
C1B3H2S2P5L2M3J1E2A1,HIB,OGAB,12,4,10,13,840,12,40,MEPDG,0.00003974279000,0.00002572331000
C1B3H2S2P5L2M3J1E2A2,HIB,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000859869200,0.00000226219600
C1B3H2S2P5L2M3J1E2A3,HIB,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000959178200,0.00003139405000
C1B3H2S2P5L2M3J2E1A1,HIB,OGAB,12,4,10,13,840,15,10,MEPDG,0.00047685320000,0.00023399020000
C1B3H2S2P5L2M3J2E1A2,HIB,OGAB,12,4,10,13,840,15,10,MNAVG,0.00010787570000,0.00003205909000
C1B3H2S2P5L2M3J2E1A3,HIB,OGAB,12,4,10,13,840,15,10,MNHVY,0.00021306890000,0.00040030620000
C1B3H2S2P5L2M3J2E2A1,HIB,OGAB,12,4,10,13,840,15,40,MEPDG,0.00047685320000,0.00023399020000
C1B3H2S2P5L2M3J2E2A2,HIB,OGAB,12,4,10,13,840,15,40,MNAVG,0.00010787570000,0.00003205909000
C1B3H2S2P5L2M3J2E2A3,HIB,OGAB,12,4,10,13,840,15,40,MNHVY,0.00021306890000,0.00040030620000
C1B3H2S2P6L1M1J1E1A1,HIB,OGAB,12,4,11,12,340,12,10,MEPDG,0.37125770000000,0.01309333000000
C1B3H2S2P6L1M1J1E1A2,HIB,OGAB,12,4,11,12,340,12,10,MNAVG,0.11126220000000,0.00209951600000
C1B3H2S2P6L1M1J1E1A3,HIB,OGAB,12,4,11,12,340,12,10,MNHVY,0.19606250000000,0.02552714000000
C1B3H2S2P6L1M1J1E2A1,HIB,OGAB,12,4,11,12,340,12,40,MEPDG,0.14258890000000,0.00896067200000
C1B3H2S2P6L1M1J1E2A2,HIB,OGAB,12,4,11,12,340,12,40,MNAVG,0.04584308000000,0.00142550700000
C1B3H2S2P6L1M1J1E2A3,HIB,OGAB,12,4,11,12,340,12,40,MNHVY,0.07071456000000,0.01717418000000
C1B3H2S2P6L1M1J2E1A1,HIB,OGAB,12,4,11,12,340,15,10,MEPDG,2.02679800000000,0.03118975000000
C1B3H2S2P6L1M1J2E1A2,HIB,OGAB,12,4,11,12,340,15,10,MNAVG,0.90809390000000,0.00619109400000
C1B3H2S2P6L1M1J2E1A3,HIB,OGAB,12,4,11,12,340,15,10,MNHVY,2.11192100000000,0.06520259000000
C1B3H2S2P6L1M1J2E2A1,HIB,OGAB,12,4,11,12,340,15,40,MEPDG,0.92594360000000,0.02232360000000
C1B3H2S2P6L1M1J2E2A2,HIB,OGAB,12,4,11,12,340,15,40,MNAVG,0.44875390000000,0.00443530300000
C1B3H2S2P6L1M1J2E2A3,HIB,OGAB,12,4,11,12,340,15,40,MNHVY,0.94758450000000,0.04626045000000
C1B3H2S2P6L1M2J1E1A1,HIB,OGAB,12,4,11,12,590,12,10,MEPDG,0.00398066500000,0.00067515180000
C1B3H2S2P6L1M2J1E1A2,HIB,OGAB,12,4,11,12,590,12,10,MNAVG,0.00074990400000,0.00008005607000
C1B3H2S2P6L1M2J1E1A3,HIB,OGAB,12,4,11,12,590,12,10,MNHVY,0.00099608050000,0.00109996900000
C1B3H2S2P6L1M2J1E2A1,HIB,OGAB,12,4,11,12,590,12,40,MEPDG,0.00110970700000,0.00046879550000
C1B3H2S2P6L1M2J1E2A2,HIB,OGAB,12,4,11,12,590,12,40,MNAVG,0.00025131800000,0.00005349874000
C1B3H2S2P6L1M2J1E2A3,HIB,OGAB,12,4,11,12,590,12,40,MNHVY,0.00028301280000,0.00073068120000
C1B3H2S2P6L1M2J2E1A1,HIB,OGAB,12,4,11,12,590,15,10,MEPDG,0.03109573000000,0.00358932200000
```

```
C1B3H2S2P6L1M2J2E1A2,HIB,OGAB,12,4,11,12,590,15,10,MNAVG,0.00698775800000,0.00058934370000
C1B3H2S2P6L1M2J2E1A3,HIB,OGAB,12,4,11,12,590,15,10,MNHVY,0.01578412000000,0.00705542000000
C1B3H2S2P6L1M2J2E2A1,HIB,OGAB,12,4,11,12,590,15,40,MEPDG,0.01045614000000,0.00246869200000
C1B3H2S2P6L1M2J2E2A2,HIB,OGAB,12,4,11,12,590,15,40,MNAVG,0.00269417900000,0.00040278110000
C1B3H2S2P6L1M2J2E2A3,HIB,OGAB,12,4,11,12,590,15,40,MNHVY,0.00516134000000,0.00477373800000
C1B3H2S2P6L1M3J1E1A1,HIB,OGAB,12,4,11,12,840,12,10,MEPDG,0.00013945600000,0.00004681120000
C1B3H2S2P6L1M3J1E1A2,HIB,OGAB,12,4,11,12,840,12,10,MNAVG,0.00001971207000,0.00000398353500
C1B3H2S2P6L1M3J1E1A3,HIB,OGAB,12,4,11,12,840,12,10,MNHVY,0.00002359747000,0.00005866009000
C1B3H2S2P6L1M3J1E2A1,HIB,OGAB,12,4,11,12,840,12,40,MEPDG,0.00002402610000,0.00003426407000
C1B3H2S2P6L1M3J1E2A2,HIB,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000486441500,0.00000266728100
C1B3H2S2P6L1M3J1E2A3,HIB,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000407465100,0.00003904977000
C1B3H2S2P6L1M3J2E1A1,HIB,OGAB,12,4,11,12,840,15,10,MEPDG,0.00092495440000,0.00043774940000
C1B3H2S2P6L1M3J2E1A2,HIB,OGAB,12,4,11,12,840,15,10,MNAVG,0.00013957580000,0.00005517040000
C1B3H2S2P6L1M3J2E1A3,HIB,OGAB,12,4,11,12,840,15,10,MNHVY,0.00026502030000,0.00073860260000
C1B3H2S2P6L1M3J2E2A1,HIB,OGAB,12,4,11,12,840,15,40,MEPDG,0.00025041250000,0.00030333710000
C1B3H2S2P6L1M3J2E2A2,HIB,OGAB,12,4,11,12,840,15,40,MNAVG,0.00004627779000,0.00003638209000
C1B3H2S2P6L1M3J2E2A3,HIB,OGAB,12,4,11,12,840,15,40,MNHVY,0.00007308918000,0.00048553800000
C1B3H2S2P6L2M1J1E1A1,HIB,OGAB,12,4,11,13,340,12,10,MEPDG,0.03056369000000,0.00465488200000
C1B3H2S2P6L2M1J1E1A2,HIB,OGAB,12,4,11,13,340,12,10,MNAVG,0.00984448800000,0.00074517510000
C1B3H2S2P6L2M1J1E1A3,HIB,OGAB,12,4,11,13,340,12,10,MNHVY,0.01465485000000,0.00894957000000
C1B3H2S2P6L2M1J1E2A1,HIB,OGAB,12,4,11,13,340,12,40,MEPDG,0.03056369000000,0.00465488200000
C1B3H2S2P6L2M1J1E2A2,HIB,OGAB,12,4,11,13,340,12,40,MNAVG,0.00984448800000,0.00074517510000
C1B3H2S2P6L2M1J1E2A3,HIB,OGAB,12,4,11,13,340,12,40,MNHVY,0.01465485000000,0.00894957000000
C1B3H2S2P6L2M1J2E1A1,HIB,OGAB,12,4,11,13,340,15,10,MEPDG,0.23219430000000,0.01415496000000
C1B3H2S2P6L2M1J2E1A2,HIB,OGAB,12,4,11,13,340,15,10,MNAVG,0.11425330000000,0.00285121100000
C1B3H2S2P6L2M1J2E1A3,HIB,OGAB,12,4,11,13,340,15,10,MNHVY,0.23711670000000,0.02936560000000
C1B3H2S2P6L2M1J2E2A1,HIB,OGAB,12,4,11,13,340,15,40,MEPDG,0.23219430000000,0.01415496000000
C1B3H2S2P6L2M1J2E2A2,HIB,OGAB,12,4,11,13,340,15,40,MNAVG,0.11425330000000,0.00285121100000
C1B3H2S2P6L2M1J2E2A3,HIB,OGAB,12,4,11,13,340,15,40,MNHVY,0.23711670000000,0.02936560000000
C1B3H2S2P6L2M2J1E1A1,HIB,OGAB,12,4,11,13,590,12,10,MEPDG,0.00020528200000,0.00022752120000
C1B3H2S2P6L2M2J1E1A2,HIB,OGAB,12,4,11,13,590,12,10,MNAVG,0.00004863587000,0.00002596611000
C1B3H2S2P6L2M2J1E1A3,HIB,OGAB,12,4,11,13,590,12,10,MNHVY,0.00005212619000,0.00035410360000
C1B3H2S2P6L2M2J1E2A1,HIB,OGAB,12,4,11,13,590,12,40,MEPDG,0.00020528200000,0.00022752120000
C1B3H2S2P6L2M2J1E2A2,HIB,OGAB,12,4,11,13,590,12,40,MNAVG,0.00004863587000,0.00002596611000
C1B3H2S2P6L2M2J1E2A3,HIB,OGAB,12,4,11,13,590,12,40,MNHVY,0.00005212619000,0.00035410360000
C1B3H2S2P6L2M2J2E1A1,HIB,OGAB,12,4,11,13,590,15,10,MEPDG,0.00220331300000,0.00135542800000
C1B3H2S2P6L2M2J2E1A2,HIB,OGAB,12,4,11,13,590,15,10,MNAVG,0.00058246030000,0.00022327840000
C1B3H2S2P6L2M2J2E1A3,HIB,OGAB,12,4,11,13,590,15,10,MNHVY,0.00107646100000,0.00262865000000
C1B3H2S2P6L2M2J2E2A1,HIB,OGAB,12,4,11,13,590,15,40,MEPDG,0.00220331300000,0.00135542800000
C1B3H2S2P6L2M2J2E2A2,HIB,OGAB,12,4,11,13,590,15,40,MNAVG,0.00058246030000,0.00022327840000
C1B3H2S2P6L2M2J2E2A3,HIB,OGAB,12,4,11,13,590,15,40,MNHVY,0.00107646100000,0.00262865000000
C1B3H2S2P6L2M3J1E1A1,HIB,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000546065300,0.00001807372000
C1B3H2S2P6L2M3J1E1A2,HIB,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000104847600,0.00000138199500
C1B3H2S2P6L2M3J1E1A3,HIB,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000097475340,0.00002023439000
C1B3H2S2P6L2M3J1E2A1,HIB,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000546065300,0.00001807372000
C1B3H2S2P6L2M3J1E2A2,HIB,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000104847600,0.00000138199500
C1B3H2S2P6L2M3J1E2A3,HIB,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000097475340,0.00002023439000
C1B3H2S2P6L2M3J2E1A1,HIB,OGAB,12,4,11,13,840,15,10,MEPDG,0.00004772980000,0.00023528290000
C1B3H2S2P6L2M3J2E1A2,HIB,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000920049100,0.00002841605000
C1B3H2S2P6L2M3J2E1A3,HIB,OGAB,12,4,11,13,840,15,10,MNHVY,0.00001399628000,0.00037551310000
```

```
C1B3H2S2P6L2M3J2E2A1,HIB,OGAB,12,4,11,13,840,15,40,MEPDG,0.00004772980000,0.00023528290000
C1B3H2S2P6L2M3J2E2A2,HIB,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000920049100,0.00002841605000
C1B3H2S2P6L2M3J2E2A3,HIB,OGAB,12,4,11,13,840,15,40,MNHVY,0.00001399628000,0.00037551310000
C1B3H2S2P7L1M1J1E1A1,HIB,OGAB,12,4,12,12,340,12,10,MEPDG,0.10261210000000,0.01135950000000
C1B3H2S2P7L1M1J1E1A2,HIB,OGAB,12,4,12,12,340,12,10,MNAVG,0.02432118000000,0.00162428700000
C1B3H2S2P7L1M1J1E1A3,HIB,OGAB,12,4,12,12,340,12,10,MNHVY,0.03994554000000,0.02101213000000
C1B3H2S2P7L1M1J1E2A1,HIB,OGAB,12,4,12,12,340,12,40,MEPDG,0.03544396000000,0.00786395600000
C1B3H2S2P7L1M1J1E2A2,HIB,OGAB,12,4,12,12,340,12,40,MNAVG,0.00936843400000,0.00111834800000
C1B3H2S2P7L1M1J1E2A3,HIB,OGAB,12,4,12,12,340,12,40,MNHVY,0.01313253000000,0.01433238000000
C1B3H2S2P7L1M1J2E1A1,HIB,OGAB,12,4,12,12,340,15,10,MEPDG,0.59461360000000,0.03355240000000
C1B3H2S2P7L1M1J2E1A2,HIB,OGAB,12,4,12,12,340,15,10,MNAVG,0.20609030000000,0.00614840500000
C1B3H2S2P7L1M1J2E1A3,HIB,OGAB,12,4,12,12,340,15,10,MNHVY,0.48040880000000,0.06892166000000
C1B3H2S2P7L1M1J2E2A1,HIB,OGAB,12,4,12,12,340,15,40,MEPDG,0.24607570000000,0.02383579000000
C1B3H2S2P7L1M1J2E2A2,HIB,OGAB,12,4,12,12,340,15,40,MNAVG,0.09405407000000,0.00439924500000
C1B3H2S2P7L1M1J2E2A3,HIB,OGAB,12,4,12,12,340,15,40,MNHVY,0.19424570000000,0.04861141000000
C1B3H2S2P7L1M2J1E1A1,HIB,OGAB,12,4,12,12,590,12,10,MEPDG,0.00094629040000,0.00044943830000
C1B3H2S2P7L1M2J1E1A2,HIB,OGAB,12,4,12,12,590,12,10,MNAVG,0.00014743360000,0.00004633641000
C1B3H2S2P7L1M2J1E1A3,HIB,OGAB,12,4,12,12,590,12,10,MNHVY,0.00020363830000,0.00066559070000
C1B3H2S2P7L1M2J1E2A1,HIB,OGAB,12,4,12,12,590,12,40,MEPDG,0.00024511210000,0.00033617540000
C1B3H2S2P7L1M2J1E2A2,HIB,OGAB,12,4,12,12,590,12,40,MNAVG,0.00004745706000,0.00003352398000
C1B3H2S2P7L1M2J1E2A3,HIB,OGAB,12,4,12,12,590,12,40,MNHVY,0.00005460440000,0.00048012770000
C1B3H2S2P7L1M2J2E1A1,HIB,OGAB,12,4,12,12,590,15,10,MEPDG,0.00536300200000,0.00268222800000
C1B3H2S2P7L1M2J2E1A2,HIB,OGAB,12,4,12,12,590,15,10,MNAVG,0.00094098970000,0.00039371740000
C1B3H2S2P7L1M2J2E1A3,HIB,OGAB,12,4,12,12,590,15,10,MNHVY,0.00189564800000,0.00502792000000
C1B3H2S2P7L1M2J2E2A1,HIB,OGAB,12,4,12,12,590,15,40,MEPDG,0.00159569500000,0.00183910400000
C1B3H2S2P7L1M2J2E2A2,HIB,OGAB,12,4,12,12,590,15,40,MNAVG,0.00033467040000,0.00026911240000
C1B3H2S2P7L1M2J2E2A3,HIB,OGAB,12,4,12,12,590,15,40,MNHVY,0.00055742250000,0.00339759100000
C1B3H2S2P7L1M3J1E1A1,HIB,OGAB,12,4,12,12,840,12,10,MEPDG,0.00003005478000,0.00002906361000
C1B3H2S2P7L1M3J1E1A2,HIB,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000326551400,0.00000218935200
C1B3H2S2P7L1M3J1E1A3,HIB,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000351142200,0.00003290995000
C1B3H2S2P7L1M3J1E2A1,HIB,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000570378300,0.00002160896000
C1B3H2S2P7L1M3J1E2A2,HIB,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000086365030,0.00000151299100
C1B3H2S2P7L1M3J1E2A3,HIB,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000072691790,0.00002267585000
C1B3H2S2P7L1M3J2E1A1,HIB,OGAB,12,4,12,12,840,15,10,MEPDG,0.00013212010000,0.00026039900000
C1B3H2S2P7L1M3J2E1A2,HIB,OGAB,12,4,12,12,840,15,10,MNAVG,0.00001632406000,0.00002869965000
C1B3H2S2P7L1M3J2E1A3,HIB,OGAB,12,4,12,12,840,15,10,MNHVY,0.00002744447000,0.00040446600000
C1B3H2S2P7L1M3J2E2A1,HIB,OGAB,12,4,12,12,840,15,40,MEPDG,0.00003313599000,0.00020267420000
C1B3H2S2P7L1M3J2E2A2,HIB,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000518199700,0.00002122418000
C1B3H2S2P7L1M3J2E2A3,HIB,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000732687100,0.00029804430000
C1B3H2S2P7L2M1J1E1A1,HIB,OGAB,12,4,12,13,340,12,10,MEPDG,0.00724392800000,0.00413639300000
C1B3H2S2P7L2M1J1E1A2,HIB,OGAB,12,4,12,13,340,12,10,MNAVG,0.00195234900000,0.00059343170000
C1B3H2S2P7L2M1J1E1A3,HIB,OGAB,12,4,12,13,340,12,10,MNHVY,0.00261377100000,0.00757132600000
C1B3H2S2P7L2M1J1E2A1,HIB,OGAB,12,4,12,13,340,12,40,MEPDG,0.00724392800000,0.00413639300000
C1B3H2S2P7L2M1J1E2A2,HIB,OGAB,12,4,12,13,340,12,40,MNAVG,0.00195234900000,0.00059343170000
C1B3H2S2P7L2M1J1E2A3,HIB,OGAB,12,4,12,13,340,12,40,MNHVY,0.00261377100000,0.00757132600000
C1B3H2S2P7L2M1J2E1A1,HIB,OGAB,12,4,12,13,340,15,10,MEPDG,0.05793928000000,0.01441851000000
C1B3H2S2P7L2M1J2E1A2,HIB,OGAB,12,4,12,13,340,15,10,MNAVG,0.02256424000000,0.00269337000000
C1B3H2S2P7L2M1J2E1A3,HIB,OGAB,12,4,12,13,340,15,10,MNHVY,0.04543477000000,0.02947952000000
C1B3H2S2P7L2M1J2E2A1,HIB,OGAB,12,4,12,13,340,15,40,MEPDG,0.05793928000000,0.01441851000000
C1B3H2S2P7L2M1J2E2A2,HIB,OGAB,12,4,12,13,340,15,40,MNAVG,0.02256424000000,0.00269337000000
```

```
C1B3H2S2P7L2M1J2E2A3,HIB,OGAB,12,4,12,13,340,15,40,MNHVY,0.04543477000000,0.02947952000000
C1B3H2S2P7L2M2J1E1A1,HIB,OGAB,12,4,12,13,590,12,10,MEPDG,0.00004433333000,0.00014612910000
C1B3H2S2P7L2M2J1E1A2,HIB,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000904071600,0.00001460786000
C1B3H2S2P7L2M2J1E1A3,HIB,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000987048100,0.00020848270000
C1B3H2S2P7L2M2J1E2A1,HIB,OGAB,12,4,12,13,590,12,40,MEPDG,0.00004433333000,0.00014612910000
C1B3H2S2P7L2M2J1E2A2,HIB,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000904071600,0.00001460786000
C1B3H2S2P7L2M2J1E2A3,HIB,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000987048100,0.00020848270000
C1B3H2S2P7L2M2J2E1A1,HIB,OGAB,12,4,12,13,590,15,10,MEPDG,0.00031837070000,0.00106153500000
C1B3H2S2P7L2M2J2E1A2,HIB,OGAB,12,4,12,13,590,15,10,MNAVG,0.00006960756000,0.00015709630000
C1B3H2S2P7L2M2J2E1A3,HIB,OGAB,12,4,12,13,590,15,10,MNHVY,0.00011189220000,0.00197071100000
C1B3H2S2P7L2M2J2E2A1,HIB,OGAB,12,4,12,13,590,15,40,MEPDG,0.00031837070000,0.00106153500000
C1B3H2S2P7L2M2J2E2A2,HIB,OGAB,12,4,12,13,590,15,40,MNAVG,0.00006960756000,0.00015709630000
C1B3H2S2P7L2M2J2E2A3,HIB,OGAB,12,4,12,13,590,15,40,MNHVY,0.00011189220000,0.00197071100000
C1B3H2S2P7L2M3J1E1A1,HIB,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000092501350,0.00000818295100
C1B3H2S2P7L2M3J1E1A2,HIB,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000015221920,0.00000056532020
C1B3H2S2P7L2M3J1E1A3,HIB,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000012004700,0.00000845194200
C1B3H2S2P7L2M3J1E2A1,HIB,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000092501350,0.00000818295100
C1B3H2S2P7L2M3J1E2A2,HIB,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000015221920,0.00000056532020
C1B3H2S2P7L2M3J1E2A3,HIB,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000012004700,0.00000845194200
C1B3H2S2P7L2M3J2E1A1,HIB,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000502645100,0.00010296670000
C1B3H2S2P7L2M3J2E1A2,HIB,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000087692050,0.00001076051000
C1B3H2S2P7L2M3J2E1A3,HIB,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000100226500,0.00015061420000
C1B3H2S2P7L2M3J2E2A1,HIB,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000502645100,0.00010296670000
C1B3H2S2P7L2M3J2E2A2,HIB,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000087692050,0.00001076051000
C1B3H2S2P7L2M3J2E2A3,HIB,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000100226500,0.00015061420000
C2B1H1S1P1L1M1J1E1A1,GRF,CL5S,4,12,6,12,340,12,10,MEPDG,130.16580000000000,2.07879500000000
C2B1H1S1P1L1M1J1E1A2,GRF,CL5S,4,12,6,12,340,12,10,MNAVG,107.63650000000000,0.27408420000000
C2B1H1S1P1L1M1J1E1A3,GRF,CL5S,4,12,6,12,340,12,10,MNHVY,188.77650000000000,3.11948400000000
C2B1H1S1P1L1M1J1E2A1,GRF,CL5S,4,12,6,12,340,12,40,MEPDG,80.37059000000000,1.20824400000000
C2B1H1S1P1L1M1J1E2A2,GRF,CL5S,4,12,6,12,340,12,40,MNAVG,62.24506000000000,0.15327900000000
C2B1H1S1P1L1M1J1E2A3,GRF,CL5S,4,12,6,12,340,12,40,MNHVY,112.41560000000000,1.76706900000000
C2B1H1S1P1L1M1J2E1A1,GRF,CL5S,4,12,6,12,340,15,10,MEPDG,151.29630000000000,2.04132000000000
C2B1H1S1P1L1M1J2E1A2,GRF,CL5S,4,12,6,12,340,15,10,MNAVG,128.07370000000000,0.37505030000000
C2B1H1S1P1L1M1J2E1A3,GRF,CL5S,4,12,6,12,340,15,10,MNHVY,227.37660000000000,3.68567100000000
C2B1H1S1P1L1M1J2E2A1,GRF,CL5S,4,12,6,12,340,15,40,MEPDG,95.09392000000000,1.20200400000000
C2B1H1S1P1L1M1J2E2A2,GRF,CL5S,4,12,6,12,340,15,40,MNAVG,75.88173000000000,0.22097140000000
C2B1H1S1P1L1M1J2E2A3,GRF,CL5S,4,12,6,12,340,15,40,MNHVY,138.84030000000000,2.17310300000000
C2B1H1S1P1L1M2J1E1A1,GRF,CL5S,4,12,6,12,590,12,10,MEPDG,9.93100200000000,0.21013960000000
C2B1H1S1P1L1M2J1E1A2,GRF,CL5S,4,12,6,12,590,12,10,MNAVG,6.53912800000000,0.02643542000000
C2B1H1S1P1L1M2J1E1A3,GRF,CL5S,4,12,6,12,590,12,10,MNHVY,10.61587000000000,0.29550980000000
C2B1H1S1P1L1M2J1E2A1,GRF,CL5S,4,12,6,12,590,12,40,MEPDG,5.30052300000000,0.10943850000000
C2B1H1S1P1L1M2J1E2A2,GRF,CL5S,4,12,6,12,590,12,40,MNAVG,3.32927200000000,0.01227439000000
C2B1H1S1P1L1M2J1E2A3,GRF,CL5S,4,12,6,12,590,12,40,MNHVY,5.38447200000000,0.14219600000000
C2B1H1S1P1L1M2J2E1A1,GRF,CL5S,4,12,6,12,590,15,10,MEPDG,15.79174000000000,0.45699560000000
C2B1H1S1P1L1M2J2E1A2,GRF,CL5S,4,12,6,12,590,15,10,MNAVG,11.62958000000000,0.08416200000000
C2B1H1S1P1L1M2J2E1A3,GRF,CL5S,4,12,6,12,590,15,10,MNHVY,20.07531000000000,0.81646670000000
C2B1H1S1P1L1M2J2E2A1,GRF,CL5S,4,12,6,12,590,15,40,MEPDG,8.95697000000000,0.23562750000000
C2B1H1S1P1L1M2J2E2A2,GRF,CL5S,4,12,6,12,590,15,40,MNAVG,6.42140100000000,0.04156547000000
C2B1H1S1P1L1M2J2E2A3,GRF,CL5S,4,12,6,12,590,15,40,MNHVY,11.13640000000000,0.41420030000000
C2B1H1S1P1L1M3J1E1A1,GRF,CL5S,4,12,6,12,840,12,10,MEPDG,1.17007600000000,0.02483442000000
```

```
C2B1H1S1P1L1M3J1E1A2,GRF,CL5S,4,12,6,12,840,12,10,MNAVG,0.58612320000000,0.00251282800000
C2B1H1S1P1L1M3J1E1A3,GRF,CL5S,4,12,6,12,840,12,10,MNHVY,0.89342430000000,0.03026360000000
C2B1H1S1P1L1M3J1E2A1,GRF,CL5S,4,12,6,12,840,12,40,MEPDG,0.54098820000000,0.01207615000000
C2B1H1S1P1L1M3J1E2A2,GRF,CL5S,4,12,6,12,840,12,40,MNAVG,0.26346930000000,0.00102491400000
C2B1H1S1P1L1M3J1E2A3,GRF,CL5S,4,12,6,12,840,12,40,MNHVY,0.38630910000000,0.01273886000000
C2B1H1S1P1L1M3J2E1A1,GRF,CL5S,4,12,6,12,840,15,10,MEPDG,2.57928100000000,0.09225255000000
C2B1H1S1P1L1M3J2E1A2,GRF,CL5S,4,12,6,12,840,15,10,MNAVG,1.61873100000000,0.01553683000000
C2B1H1S1P1L1M3J2E1A3,GRF,CL5S,4,12,6,12,840,15,10,MNHVY,2.84507800000000,0.15906170000000
C2B1H1S1P1L1M3J2E2A1,GRF,CL5S,4,12,6,12,840,15,40,MEPDG,1.30695900000000,0.04189257000000
C2B1H1S1P1L1M3J2E2A2,GRF,CL5S,4,12,6,12,840,15,40,MNAVG,0.81863520000000,0.00647926700000
C2B1H1S1P1L1M3J2E2A3,GRF,CL5S,4,12,6,12,840,15,40,MNHVY,1.40728900000000,0.06906543000000
C2B1H1S1P1L2M1J1E1A1,GRF,CL5S,4,12,6,13,340,12,10,MEPDG,20.45283000000000,0.45666210000000
C2B1H1S1P1L2M1J1E1A2,GRF,CL5S,4,12,6,13,340,12,10,MNAVG,15.16462000000000,0.06142221000000
C2B1H1S1P1L2M1J1E1A3,GRF,CL5S,4,12,6,13,340,12,10,MNHVY,27.72914000000000,0.68266110000000
C2B1H1S1P1L2M1J1E2A1,GRF,CL5S,4,12,6,13,340,12,40,MEPDG,20.45283000000000,0.45666210000000
C2B1H1S1P1L2M1J1E2A2,GRF,CL5S,4,12,6,13,340,12,40,MNAVG,15.16462000000000,0.06142221000000
C2B1H1S1P1L2M1J1E2A3,GRF,CL5S,4,12,6,13,340,12,40,MNHVY,27.72914000000000,0.68266110000000
C2B1H1S1P1L2M1J2E1A1,GRF,CL5S,4,12,6,13,340,15,10,MEPDG,24.63342000000000,0.54332420000000
C2B1H1S1P1L2M1J2E1A2,GRF,CL5S,4,12,6,13,340,15,10,MNAVG,18.93868000000000,0.10571610000000
C2B1H1S1P1L2M1J2E1A3,GRF,CL5S,4,12,6,13,340,15,10,MNHVY,35.03452000000000,0.99398040000000
C2B1H1S1P1L2M1J2E2A1,GRF,CL5S,4,12,6,13,340,15,40,MEPDG,24.63342000000000,0.54332420000000
C2B1H1S1P1L2M1J2E2A2,GRF,CL5S,4,12,6,13,340,15,40,MNAVG,18.93868000000000,0.10571610000000
C2B1H1S1P1L2M1J2E2A3,GRF,CL5S,4,12,6,13,340,15,40,MNHVY,35.03452000000000,0.99398040000000
C2B1H1S1P1L2M2J1E1A1,GRF,CL5S,4,12,6,13,590,12,10,MEPDG,1.27039900000000,0.03947794000000
C2B1H1S1P1L2M2J1E1A2,GRF,CL5S,4,12,6,13,590,12,10,MNAVG,0.76731380000000,0.00459895100000
C2B1H1S1P1L2M2J1E1A3,GRF,CL5S,4,12,6,13,590,12,10,MNHVY,1.25263000000000,0.05248717000000
C2B1H1S1P1L2M2J1E2A1,GRF,CL5S,4,12,6,13,590,12,40,MEPDG,1.27039900000000,0.03947794000000
C2B1H1S1P1L2M2J1E2A2,GRF,CL5S,4,12,6,13,590,12,40,MNAVG,0.76731380000000,0.00459895100000
C2B1H1S1P1L2M2J1E2A3,GRF,CL5S,4,12,6,13,590,12,40,MNHVY,1.25263000000000,0.05248717000000
C2B1H1S1P1L2M2J2E1A1,GRF,CL5S,4,12,6,13,590,15,10,MEPDG,2.26989900000000,0.10426520000000
C2B1H1S1P1L2M2J2E1A2,GRF,CL5S,4,12,6,13,590,15,10,MNAVG,1.59855500000000,0.01931029000000
C2B1H1S1P1L2M2J2E1A3,GRF,CL5S,4,12,6,13,590,15,10,MNHVY,2.79883300000000,0.18657490000000
C2B1H1S1P1L2M2J2E2A1,GRF,CL5S,4,12,6,13,590,15,40,MEPDG,2.26989900000000,0.10426520000000
C2B1H1S1P1L2M2J2E2A2,GRF,CL5S,4,12,6,13,590,15,40,MNAVG,1.59855500000000,0.01931029000000
C2B1H1S1P1L2M2J2E2A3,GRF,CL5S,4,12,6,13,590,15,40,MNHVY,2.79883300000000,0.18657490000000
C2B1H1S1P1L2M3J1E1A1,GRF,CL5S,4,12,6,13,840,12,10,MEPDG,0.12159780000000,0.00403913200000
C2B1H1S1P1L2M3J1E1A2,GRF,CL5S,4,12,6,13,840,12,10,MNAVG,0.05726163000000,0.00034180860000
C2B1H1S1P1L2M3J1E1A3,GRF,CL5S,4,12,6,13,840,12,10,MNHVY,0.08397716000000,0.00425440900000
C2B1H1S1P1L2M3J1E2A1,GRF,CL5S,4,12,6,13,840,12,40,MEPDG,0.12159780000000,0.00403913200000
C2B1H1S1P1L2M3J1E2A2,GRF,CL5S,4,12,6,13,840,12,40,MNAVG,0.05726163000000,0.00034180860000
C2B1H1S1P1L2M3J1E2A3,GRF,CL5S,4,12,6,13,840,12,40,MNHVY,0.08397716000000,0.00425440900000
C2B1H1S1P1L2M3J2E1A1,GRF,CL5S,4,12,6,13,840,15,10,MEPDG,0.31713460000000,0.01694518000000
C2B1H1S1P1L2M3J2E1A2,GRF,CL5S,4,12,6,13,840,15,10,MNAVG,0.19662670000000,0.00269427100000
C2B1H1S1P1L2M3J2E1A3,GRF,CL5S,4,12,6,13,840,15,10,MNHVY,0.33996050000000,0.02837093000000
C2B1H1S1P1L2M3J2E2A1,GRF,CL5S,4,12,6,13,840,15,40,MEPDG,0.31713460000000,0.01694518000000
C2B1H1S1P1L2M3J2E2A2,GRF,CL5S,4,12,6,13,840,15,40,MNAVG,0.19662670000000,0.00269427100000
C2B1H1S1P1L2M3J2E2A3,GRF,CL5S,4,12,6,13,840,15,40,MNHVY,0.33996050000000,0.02837093000000
C2B1H1S1P2L1M1J1E1A1,GRF,CL5S,4,12,7,12,340,12,10,MEPDG,51.33348000000000,1.48005000000000
C2B1H1S1P2L1M1J1E1A2,GRF,CL5S,4,12,7,12,340,12,10,MNAVG,39.16196000000000,0.22396460000000
C2B1H1S1P2L1M1J1E1A3,GRF,CL5S,4,12,7,12,340,12,10,MNHVY,67.89407000000000,2.41295700000000
```

```
C2B1H1S1P2L1M1J1E2A1,GRF,CL5S,4,12,7,12,340,12,40,MEPDG,29.83817000000000,0.84150160000000
C2B1H1S1P2L1M1J1E2A2,GRF,CL5S,4,12,7,12,340,12,40,MNAVG,21.84834000000000,0.12002540000000
C2B1H1S1P2L1M1J1E2A3,GRF,CL5S,4,12,7,12,340,12,40,MNHVY,38.03630000000000,1.32023400000000
C2B1H1S1P2L1M1J2E1A1,GRF,CL5S,4,12,7,12,340,15,10,MEPDG,75.85644000000000,2.31206800000000
C2B1H1S1P2L1M1J2E1A2,GRF,CL5S,4,12,7,12,340,15,10,MNAVG,62.36327000000000,0.45940410000000
C2B1H1S1P2L1M1J2E1A3,GRF,CL5S,4,12,7,12,340,15,10,MNHVY,111.86800000000000,4.34298900000000
C2B1H1S1P2L1M1J2E2A1,GRF,CL5S,4,12,7,12,340,15,40,MEPDG,46.34398000000000,1.35614200000000
C2B1H1S1P2L1M1J2E2A2,GRF,CL5S,4,12,7,12,340,15,40,MNAVG,37.11327000000000,0.26671040000000
C2B1H1S1P2L1M1J2E2A3,GRF,CL5S,4,12,7,12,340,15,40,MNHVY,67.13374000000000,2.53510000000000
C2B1H1S1P2L1M2J1E1A1,GRF,CL5S,4,12,7,12,590,12,10,MEPDG,2.45809700000000,0.09439375000000
C2B1H1S1P2L1M2J1E1A2,GRF,CL5S,4,12,7,12,590,12,10,MNAVG,1.27609600000000,0.01250953000000
C2B1H1S1P2L1M2J1E1A3,GRF,CL5S,4,12,7,12,590,12,10,MNHVY,2.06369100000000,0.14273160000000
C2B1H1S1P2L1M2J1E2A1,GRF,CL5S,4,12,7,12,590,12,40,MEPDG,1.16292200000000,0.04811428000000
C2B1H1S1P2L1M2J1E2A2,GRF,CL5S,4,12,7,12,590,12,40,MNAVG,0.59359280000000,0.00572071900000
C2B1H1S1P2L1M2J1E2A3,GRF,CL5S,4,12,7,12,590,12,40,MNHVY,0.91564760000000,0.06681510000000
C2B1H1S1P2L1M2J2E1A1,GRF,CL5S,4,12,7,12,590,15,10,MEPDG,5.88781000000000,0.31930340000000
C2B1H1S1P2L1M2J2E1A2,GRF,CL5S,4,12,7,12,590,15,10,MNAVG,3.82631100000000,0.06136669000000
C2B1H1S1P2L1M2J2E1A3,GRF,CL5S,4,12,7,12,590,15,10,MNHVY,7.06408800000000,0.59526260000000
C2B1H1S1P2L1M2J2E2A1,GRF,CL5S,4,12,7,12,590,15,40,MEPDG,3.07713200000000,0.16215980000000
C2B1H1S1P2L1M2J2E2A2,GRF,CL5S,4,12,7,12,590,15,40,MNAVG,2.01912800000000,0.02990334000000
C2B1H1S1P2L1M2J2E2A3,GRF,CL5S,4,12,7,12,590,15,40,MNHVY,3.61949300000000,0.29599880000000
C2B1H1S1P2L1M3J1E1A1,GRF,CL5S,4,12,7,12,840,12,10,MEPDG,0.20154690000000,0.00686345300000
C2B1H1S1P2L1M3J1E1A2,GRF,CL5S,4,12,7,12,840,12,10,MNAVG,0.07322053000000,0.00069440620000
C2B1H1S1P2L1M3J1E1A3,GRF,CL5S,4,12,7,12,840,12,10,MNHVY,0.10712580000000,0.00866106800000
C2B1H1S1P2L1M3J1E2A1,GRF,CL5S,4,12,7,12,840,12,40,MEPDG,0.07947883000000,0.00330118800000
C2B1H1S1P2L1M3J1E2A2,GRF,CL5S,4,12,7,12,840,12,40,MNAVG,0.02941198000000,0.00028060410000
C2B1H1S1P2L1M3J1E2A3,GRF,CL5S,4,12,7,12,840,12,40,MNHVY,0.03932894000000,0.00360714300000
C2B1H1S1P2L1M3J2E1A1,GRF,CL5S,4,12,7,12,840,15,10,MEPDG,0.75574770000000,0.03990045000000
C2B1H1S1P2L1M3J2E1A2,GRF,CL5S,4,12,7,12,840,15,10,MNAVG,0.38324270000000,0.00666117200000
C2B1H1S1P2L1M3J2E1A3,GRF,CL5S,4,12,7,12,840,15,10,MNHVY,0.74917780000000,0.07098015000000
C2B1H1S1P2L1M3J2E2A1,GRF,CL5S,4,12,7,12,840,15,40,MEPDG,0.33902600000000,0.01802207000000
C2B1H1S1P2L1M3J2E2A2,GRF,CL5S,4,12,7,12,840,15,40,MNAVG,0.17800150000000,0.00279660700000
C2B1H1S1P2L1M3J2E2A3,GRF,CL5S,4,12,7,12,840,15,40,MNHVY,0.32510130000000,0.03051507000000
C2B1H1S1P2L2M1J1E1A1,GRF,CL5S,4,12,7,13,340,12,10,MEPDG,7.53054500000000,0.33836530000000
C2B1H1S1P2L2M1J1E1A2,GRF,CL5S,4,12,7,13,340,12,10,MNAVG,5.32903800000000,0.05094704000000
C2B1H1S1P2L2M1J1E1A3,GRF,CL5S,4,12,7,13,340,12,10,MNHVY,9.34228200000000,0.54441150000000
C2B1H1S1P2L2M1J1E2A1,GRF,CL5S,4,12,7,13,340,12,40,MEPDG,7.53054500000000,0.33836530000000
C2B1H1S1P2L2M1J1E2A2,GRF,CL5S,4,12,7,13,340,12,40,MNAVG,5.32903800000000,0.05094704000000
C2B1H1S1P2L2M1J1E2A3,GRF,CL5S,4,12,7,13,340,12,40,MNHVY,9.34228200000000,0.54441150000000
C2B1H1S1P2L2M1J2E1A1,GRF,CL5S,4,12,7,13,340,15,10,MEPDG,12.35824000000000,0.65564440000000
C2B1H1S1P2L2M1J2E1A2,GRF,CL5S,4,12,7,13,340,15,10,MNAVG,9.74388800000000,0.13554710000000
C2B1H1S1P2L2M1J2E1A3,GRF,CL5S,4,12,7,13,340,15,10,MNHVY,17.69860000000000,1.23832700000000
C2B1H1S1P2L2M1J2E2A1,GRF,CL5S,4,12,7,13,340,15,40,MEPDG,12.35824000000000,0.65564440000000
C2B1H1S1P2L2M1J2E2A2,GRF,CL5S,4,12,7,13,340,15,40,MNAVG,9.74388800000000,0.13554710000000
C2B1H1S1P2L2M1J2E2A3,GRF,CL5S,4,12,7,13,340,15,40,MNHVY,17.69860000000000,1.23832700000000
C2B1H1S1P2L2M2J1E1A1,GRF,CL5S,4,12,7,13,590,12,10,MEPDG,0.26663290000000,0.01787130000000
C2B1H1S1P2L2M2J1E1A2,GRF,CL5S,4,12,7,13,590,12,10,MNAVG,0.13199470000000,0.00219163900000
C2B1H1S1P2L2M2J1E1A3,GRF,CL5S,4,12,7,13,590,12,10,MNHVY,0.20294530000000,0.02530149000000
C2B1H1S1P2L2M2J1E2A1,GRF,CL5S,4,12,7,13,590,12,40,MEPDG,0.26663290000000,0.01787130000000
C2B1H1S1P2L2M2J1E2A2,GRF,CL5S,4,12,7,13,590,12,40,MNAVG,0.13199470000000,0.00219163900000
```

```
C2B1H1S1P2L2M2J1E2A3,GRF,CL5S,4,12,7,13,590,12,40,MNHVY,0.20294530000000,0.02530149000000
C2B1H1S1P2L2M2J2E1A1,GRF,CL5S,4,12,7,13,590,15,10,MEPDG,0.77329140000000,0.07328655000000
C2B1H1S1P2L2M2J2E1A2,GRF,CL5S,4,12,7,13,590,15,10,MNAVG,0.50543360000000,0.01392741000000
C2B1H1S1P2L2M2J2E1A3,GRF,CL5S,4,12,7,13,590,15,10,MNHVY,0.90681460000000,0.13570680000000
C2B1H1S1P2L2M2J2E2A1,GRF,CL5S,4,12,7,13,590,15,40,MEPDG,0.77329140000000,0.07328655000000
C2B1H1S1P2L2M2J2E2A2,GRF,CL5S,4,12,7,13,590,15,40,MNAVG,0.50543360000000,0.01392741000000
C2B1H1S1P2L2M2J2E2A3,GRF,CL5S,4,12,7,13,590,15,40,MNHVY,0.90681460000000,0.13570680000000
C2B1H1S1P2L2M3J1E1A1,GRF,CL5S,4,12,7,13,840,12,10,MEPDG,0.01675657000000,0.00113211400000
C2B1H1S1P2L2M3J1E1A2,GRF,CL5S,4,12,7,13,840,12,10,MNAVG,0.00610038900000,0.00009619892000
C2B1H1S1P2L2M3J1E1A3,GRF,CL5S,4,12,7,13,840,12,10,MNHVY,0.00800178900000,0.00123243300000
C2B1H1S1P2L2M3J1E2A1,GRF,CL5S,4,12,7,13,840,12,40,MEPDG,0.01675657000000,0.00113211400000
C2B1H1S1P2L2M3J1E2A2,GRF,CL5S,4,12,7,13,840,12,40,MNAVG,0.00610038900000,0.00009619892000
C2B1H1S1P2L2M3J1E2A3,GRF,CL5S,4,12,7,13,840,12,40,MNHVY,0.00800178900000,0.00123243300000
C2B1H1S1P2L2M3J2E1A1,GRF,CL5S,4,12,7,13,840,15,10,MEPDG,0.07960632000000,0.00741431500000
C2B1H1S1P2L2M3J2E1A2,GRF,CL5S,4,12,7,13,840,15,10,MNAVG,0.04173161000000,0.00116492900000
C2B1H1S1P2L2M3J2E1A3,GRF,CL5S,4,12,7,13,840,15,10,MNHVY,0.07580807000000,0.01268306000000
C2B1H1S1P2L2M3J2E2A1,GRF,CL5S,4,12,7,13,840,15,40,MEPDG,0.07960632000000,0.00741431500000
C2B1H1S1P2L2M3J2E2A2,GRF,CL5S,4,12,7,13,840,15,40,MNAVG,0.04173161000000,0.00116492900000
C2B1H1S1P2L2M3J2E2A3,GRF,CL5S,4,12,7,13,840,15,40,MNHVY,0.07580807000000,0.01268306000000
C2B1H1S1P3L1M1J1E1A1,GRF,CL5S,4,12,8,12,340,12,10,MEPDG,16.59010000000000,1.05012500000000
C2B1H1S1P3L1M1J1E1A2,GRF,CL5S,4,12,8,12,340,12,10,MNAVG,10.62846000000000,0.17071390000000
C2B1H1S1P3L1M1J1E1A3,GRF,CL5S,4,12,8,12,340,12,10,MNHVY,18.27810000000000,1.83275400000000
C2B1H1S1P3L1M1J1E2A1,GRF,CL5S,4,12,8,12,340,12,40,MEPDG,8.77824500000000,0.58574400000000
C2B1H1S1P3L1M1J1E2A2,GRF,CL5S,4,12,8,12,340,12,40,MNAVG,5.50064500000000,0.08985075000000
C2B1H1S1P3L1M1J1E2A3,GRF,CL5S,4,12,8,12,340,12,40,MNHVY,9.18821100000000,0.97960080000000
C2B1H1S1P3L1M1J2E1A1,GRF,CL5S,4,12,8,12,340,15,10,MEPDG,32.44038000000000,2.25293100000000
C2B1H1S1P3L1M1J2E1A2,GRF,CL5S,4,12,8,12,340,15,10,MNAVG,24.04487000000000,0.46679090000000
C2B1H1S1P3L1M1J2E1A3,GRF,CL5S,4,12,8,12,340,15,10,MNHVY,44.53785000000000,4.37750500000000
C2B1H1S1P3L1M1J2E2A1,GRF,CL5S,4,12,8,12,340,15,40,MEPDG,18.54234000000000,1.30214300000000
C2B1H1S1P3L1M1J2E2A2,GRF,CL5S,4,12,8,12,340,15,40,MNAVG,13.73007000000000,0.26565920000000
C2B1H1S1P3L1M1J2E2A3,GRF,CL5S,4,12,8,12,340,15,40,MNHVY,24.98897000000000,2.50691800000000
C2B1H1S1P3L1M2J1E1A1,GRF,CL5S,4,12,8,12,590,12,10,MEPDG,0.49329900000000,0.04031087000000
C2B1H1S1P3L1M2J1E1A2,GRF,CL5S,4,12,8,12,590,12,10,MNAVG,0.18669100000000,0.00562689100000
C2B1H1S1P3L1M2J1E1A3,GRF,CL5S,4,12,8,12,590,12,10,MNHVY,0.28787430000000,0.06513716000000
C2B1H1S1P3L1M2J1E2A1,GRF,CL5S,4,12,8,12,590,12,40,MEPDG,0.20213990000000,0.02023257000000
C2B1H1S1P3L1M2J1E2A2,GRF,CL5S,4,12,8,12,590,12,40,MNAVG,0.07760678000000,0.00254624800000
C2B1H1S1P3L1M2J1E2A3,GRF,CL5S,4,12,8,12,590,12,40,MNHVY,0.10913270000000,0.03021174000000
C2B1H1S1P3L1M2J2E1A1,GRF,CL5S,4,12,8,12,590,15,10,MEPDG,1.77805000000000,0.19094850000000
C2B1H1S1P3L1M2J2E1A2,GRF,CL5S,4,12,8,12,590,15,10,MNAVG,0.92907210000000,0.03674781000000
C2B1H1S1P3L1M2J2E1A3,GRF,CL5S,4,12,8,12,590,15,10,MNHVY,1.83564400000000,0.36984690000000
C2B1H1S1P3L1M2J2E2A1,GRF,CL5S,4,12,8,12,590,15,40,MEPDG,0.82715580000000,0.09673867000000
C2B1H1S1P3L1M2J2E2A2,GRF,CL5S,4,12,8,12,590,15,40,MNAVG,0.44676770000000,0.01796056000000
C2B1H1S1P3L1M2J2E2A3,GRF,CL5S,4,12,8,12,590,15,40,MNHVY,0.82513920000000,0.18297540000000
C2B1H1S1P3L1M3J1E1A1,GRF,CL5S,4,12,8,12,840,12,10,MEPDG,0.02637535000000,0.00194416900000
C2B1H1S1P3L1M3J1E1A2,GRF,CL5S,4,12,8,12,840,12,10,MNAVG,0.00710515300000,0.00020486690000
C2B1H1S1P3L1M3J1E1A3,GRF,CL5S,4,12,8,12,840,12,10,MNHVY,0.00889311000000,0.00257245900000
C2B1H1S1P3L1M3J1E2A1,GRF,CL5S,4,12,8,12,840,12,40,MEPDG,0.00866487300000,0.00095269630000
C2B1H1S1P3L1M3J1E2A2,GRF,CL5S,4,12,8,12,840,12,40,MNAVG,0.00253902400000,0.00008523564000
C2B1H1S1P3L1M3J1E2A3,GRF,CL5S,4,12,8,12,840,12,40,MNHVY,0.00281471600000,0.00110480500000
C2B1H1S1P3L1M3J2E1A1,GRF,CL5S,4,12,8,12,840,15,10,MEPDG,0.15525730000000,0.01657834000000
```

```
C2B1H1S1P3L1M3J2E1A2,GRF,CL5S,4,12,8,12,840,15,10,MNAVG,0.05688606000000,0.00272246600000
C2B1H1S1P3L1M3J2E1A3,GRF,CL5S,4,12,8,12,840,15,10,MNHVY,0.11634610000000,0.03033040000000
C2B1H1S1P3L1M3J2E2A1,GRF,CL5S,4,12,8,12,840,15,40,MEPDG,0.05968694000000,0.00761709800000
C2B1H1S1P3L1M3J2E2A2,GRF,CL5S,4,12,8,12,840,15,40,MNAVG,0.02334419000000,0.00116495600000
C2B1H1S1P3L1M3J2E2A3,GRF,CL5S,4,12,8,12,840,15,40,MNHVY,0.04232257000000,0.01326523000000
C2B1H1S1P3L2M1J1E1A1,GRF,CL5S,4,12,8,13,340,12,10,MEPDG,2.13422100000000,0.24519370000000
C2B1H1S1P3L2M1J1E1A2,GRF,CL5S,4,12,8,13,340,12,10,MNAVG,1.29457000000000,0.03937633000000
C2B1H1S1P3L2M1J1E1A3,GRF,CL5S,4,12,8,13,340,12,10,MNHVY,2.16061800000000,0.41964400000000
C2B1H1S1P3L2M1J1E2A1,GRF,CL5S,4,12,8,13,340,12,40,MEPDG,2.13422100000000,0.24519370000000
C2B1H1S1P3L2M1J1E2A2,GRF,CL5S,4,12,8,13,340,12,40,MNAVG,1.29457000000000,0.03937633000000
C2B1H1S1P3L2M1J1E2A3,GRF,CL5S,4,12,8,13,340,12,40,MNHVY,2.16061800000000,0.41964400000000
C2B1H1S1P3L2M1J2E1A1,GRF,CL5S,4,12,8,13,340,15,10,MEPDG,4.90022300000000,0.65184920000000
C2B1H1S1P3L2M1J2E1A2,GRF,CL5S,4,12,8,13,340,15,10,MNAVG,3.60402300000000,0.13827220000000
C2B1H1S1P3L2M1J2E1A3,GRF,CL5S,4,12,8,13,340,15,10,MNHVY,6.55360600000000,1.26706100000000
C2B1H1S1P3L2M1J2E2A1,GRF,CL5S,4,12,8,13,340,15,40,MEPDG,4.90022300000000,0.65184920000000
C2B1H1S1P3L2M1J2E2A2,GRF,CL5S,4,12,8,13,340,15,40,MNAVG,3.60402300000000,0.13827220000000
C2B1H1S1P3L2M1J2E2A3,GRF,CL5S,4,12,8,13,340,15,40,MNHVY,6.55360600000000,1.26706100000000
C2B1H1S1P3L2M2J1E1A1,GRF,CL5S,4,12,8,13,590,12,10,MEPDG,0.04353968000000,0.00773671200000
C2B1H1S1P3L2M2J1E1A2,GRF,CL5S,4,12,8,13,590,12,10,MNAVG,0.01640049000000,0.00100308600000
C2B1H1S1P3L2M2J1E1A3,GRF,CL5S,4,12,8,13,590,12,10,MNHVY,0.02258011000000,0.01174647000000
C2B1H1S1P3L2M2J1E2A1,GRF,CL5S,4,12,8,13,590,12,40,MEPDG,0.04353968000000,0.00773671200000
C2B1H1S1P3L2M2J1E2A2,GRF,CL5S,4,12,8,13,590,12,40,MNAVG,0.01640049000000,0.00100308600000
C2B1H1S1P3L2M2J1E2A3,GRF,CL5S,4,12,8,13,590,12,40,MNHVY,0.02258011000000,0.01174647000000
C2B1H1S1P3L2M2J2E1A1,GRF,CL5S,4,12,8,13,590,15,10,MEPDG,0.19925020000000,0.04511221000000
C2B1H1S1P3L2M2J2E1A2,GRF,CL5S,4,12,8,13,590,15,10,MNAVG,0.10756130000000,0.00859728600000
C2B1H1S1P3L2M2J2E1A3,GRF,CL5S,4,12,8,13,590,15,10,MNHVY,0.19702380000000,0.08640675000000
C2B1H1S1P3L2M2J2E2A1,GRF,CL5S,4,12,8,13,590,15,40,MEPDG,0.19925020000000,0.04511221000000
C2B1H1S1P3L2M2J2E2A2,GRF,CL5S,4,12,8,13,590,15,40,MNAVG,0.10756130000000,0.00859728600000
C2B1H1S1P3L2M2J2E2A3,GRF,CL5S,4,12,8,13,590,15,40,MNHVY,0.19702380000000,0.08640675000000
C2B1H1S1P3L2M3J1E1A1,GRF,CL5S,4,12,8,13,840,12,10,MEPDG,0.00168839800000,0.00033804410000
C2B1H1S1P3L2M3J1E1A2,GRF,CL5S,4,12,8,13,840,12,10,MNAVG,0.00050077680000,0.00003028984000
C2B1H1S1P3L2M3J1E1A3,GRF,CL5S,4,12,8,13,840,12,10,MNHVY,0.00053595180000,0.00039082700000
C2B1H1S1P3L2M3J1E2A1,GRF,CL5S,4,12,8,13,840,12,40,MEPDG,0.00168839800000,0.00033804410000
C2B1H1S1P3L2M3J1E2A2,GRF,CL5S,4,12,8,13,840,12,40,MNAVG,0.00050077680000,0.00003028984000
C2B1H1S1P3L2M3J1E2A3,GRF,CL5S,4,12,8,13,840,12,40,MNHVY,0.00053595180000,0.00039082700000
C2B1H1S1P3L2M3J2E1A1,GRF,CL5S,4,12,8,13,840,15,10,MEPDG,0.01308385000000,0.00326550000000
C2B1H1S1P3L2M3J2E1A2,GRF,CL5S,4,12,8,13,840,15,10,MNAVG,0.00513352700000,0.00050812710000
C2B1H1S1P3L2M3J2E1A3,GRF,CL5S,4,12,8,13,840,15,10,MNHVY,0.00910677800000,0.00573767100000
C2B1H1S1P3L2M3J2E2A1,GRF,CL5S,4,12,8,13,840,15,40,MEPDG,0.01308385000000,0.00326550000000
C2B1H1S1P3L2M3J2E2A2,GRF,CL5S,4,12,8,13,840,15,40,MNAVG,0.00513352700000,0.00050812710000
C2B1H1S1P3L2M3J2E2A3,GRF,CL5S,4,12,8,13,840,15,40,MNHVY,0.00910677800000,0.00573767100000
C2B1H1S1P4L1M1J1E1A1,GRF,CL5S,4,12,9,12,340,12,10,MEPDG,4.87315900000000,0.63032120000000
C2B1H1S1P4L1M1J1E1A2,GRF,CL5S,4,12,9,12,340,12,10,MNAVG,2.47034400000000,0.10281850000000
C2B1H1S1P4L1M1J1E1A3,GRF,CL5S,4,12,9,12,340,12,10,MNHVY,4.17505400000000,1.14105600000000
C2B1H1S1P4L1M1J1E2A1,GRF,CL5S,4,12,9,12,340,12,40,MEPDG,2.31922500000000,0.34763630000000
C2B1H1S1P4L1M1J1E2A2,GRF,CL5S,4,12,9,12,340,12,40,MNAVG,1.16972700000000,0.05376188000000
C2B1H1S1P4L1M1J1E2A3,GRF,CL5S,4,12,9,12,340,12,40,MNHVY,1.85341600000000,0.60362160000000
C2B1H1S1P4L1M1J2E1A1,GRF,CL5S,4,12,9,12,340,15,10,MEPDG,12.62523000000000,1.74456400000000
C2B1H1S1P4L1M1J2E1A2,GRF,CL5S,4,12,9,12,340,15,10,MNAVG,8.05976600000000,0.35815150000000
C2B1H1S1P4L1M1J2E1A3,GRF,CL5S,4,12,9,12,340,15,10,MNHVY,15.53819000000000,3.47226500000000
```

```
C2B1H1S1P4L1M1J2E2A1,GRF,CL5S,4,12,9,12,340,15,40,MEPDG,6.69459600000000,1.00795400000000
C2B1H1S1P4L1M1J2E2A2,GRF,CL5S,4,12,9,12,340,15,40,MNAVG,4.36829900000000,0.20413680000000
C2B1H1S1P4L1M1J2E2A3,GRF,CL5S,4,12,9,12,340,15,40,MNHVY,8.07051400000000,1.98210100000000
C2B1H1S1P4L1M2J1E1A1,GRF,CL5S,4,12,9,12,590,12,10,MEPDG,0.08650514000000,0.01490634000000
C2B1H1S1P4L1M2J1E1A2,GRF,CL5S,4,12,9,12,590,12,10,MNAVG,0.02410988000000,0.00199781900000
C2B1H1S1P4L1M2J1E1A3,GRF,CL5S,4,12,9,12,590,12,10,MNHVY,0.03308713000000,0.02406585000000
C2B1H1S1P4L1M2J1E2A1,GRF,CL5S,4,12,9,12,590,12,40,MEPDG,0.03056466000000,0.00767797300000
C2B1H1S1P4L1M2J1E2A2,GRF,CL5S,4,12,9,12,590,12,40,MNAVG,0.00911263300000,0.00094320030000
C2B1H1S1P4L1M2J1E2A3,GRF,CL5S,4,12,9,12,590,12,40,MNHVY,0.01107086000000,0.01157817000000
C2B1H1S1P4L1M2J2E1A1,GRF,CL5S,4,12,9,12,590,15,10,MEPDG,0.43412840000000,0.09708564000000
C2B1H1S1P4L1M2J2E1A2,GRF,CL5S,4,12,9,12,590,15,10,MNAVG,0.17062400000000,0.01787535000000
C2B1H1S1P4L1M2J2E1A3,GRF,CL5S,4,12,9,12,590,15,10,MNHVY,0.34561800000000,0.19077570000000
C2B1H1S1P4L1M2J2E2A1,GRF,CL5S,4,12,9,12,590,15,40,MEPDG,0.17904470000000,0.05004402000000
C2B1H1S1P4L1M2J2E2A2,GRF,CL5S,4,12,9,12,590,15,40,MNAVG,0.07497116000000,0.00893630800000
C2B1H1S1P4L1M2J2E2A3,GRF,CL5S,4,12,9,12,590,15,40,MNHVY,0.13684230000000,0.09607100000000
C2B1H1S1P4L1M3J1E1A1,GRF,CL5S,4,12,9,12,840,12,10,MEPDG,0.00309705000000,0.00049968340000
C2B1H1S1P4L1M3J1E1A2,GRF,CL5S,4,12,9,12,840,12,10,MNAVG,0.00070969310000,0.00004816631000
C2B1H1S1P4L1M3J1E1A3,GRF,CL5S,4,12,9,12,840,12,10,MNHVY,0.00072206660000,0.00062820170000
C2B1H1S1P4L1M3J1E2A1,GRF,CL5S,4,12,9,12,840,12,40,MEPDG,0.00084452410000,0.00026550620000
C2B1H1S1P4L1M3J1E2A2,GRF,CL5S,4,12,9,12,840,12,40,MNAVG,0.00022765500000,0.00002231709000
C2B1H1S1P4L1M3J1E2A3,GRF,CL5S,4,12,9,12,840,12,40,MNHVY,0.00020441600000,0.00029680700000
C2B1H1S1P4L1M3J2E1A1,GRF,CL5S,4,12,9,12,840,15,10,MEPDG,0.02382827000000,0.00617738300000
C2B1H1S1P4L1M3J2E1A2,GRF,CL5S,4,12,9,12,840,15,10,MNAVG,0.00618794300000,0.00094770770000
C2B1H1S1P4L1M3J2E1A3,GRF,CL5S,4,12,9,12,840,15,10,MNHVY,0.01160325000000,0.01113487000000
C2B1H1S1P4L1M3J2E2A1,GRF,CL5S,4,12,9,12,840,15,40,MEPDG,0.00782790400000,0.00294851300000
C2B1H1S1P4L1M3J2E2A2,GRF,CL5S,4,12,9,12,840,15,40,MNAVG,0.00226807500000,0.00042510670000
C2B1H1S1P4L1M3J2E2A3,GRF,CL5S,4,12,9,12,840,15,40,MNHVY,0.00362619000000,0.00507559500000
C2B1H1S1P4L2M1J1E1A1,GRF,CL5S,4,12,9,13,340,12,10,MEPDG,0.53913030000000,0.14865920000000
C2B1H1S1P4L2M1J1E1A2,GRF,CL5S,4,12,9,13,340,12,10,MNAVG,0.26434490000000,0.02386622000000
C2B1H1S1P4L2M1J1E1A3,GRF,CL5S,4,12,9,13,340,12,10,MNHVY,0.41432110000000,0.26298120000000
C2B1H1S1P4L2M1J1E2A1,GRF,CL5S,4,12,9,13,340,12,40,MEPDG,0.53913030000000,0.14865920000000
C2B1H1S1P4L2M1J1E2A2,GRF,CL5S,4,12,9,13,340,12,40,MNAVG,0.26434490000000,0.02386622000000
C2B1H1S1P4L2M1J1E2A3,GRF,CL5S,4,12,9,13,340,12,40,MNHVY,0.41432110000000,0.26298120000000
C2B1H1S1P4L2M1J2E1A1,GRF,CL5S,4,12,9,13,340,15,10,MEPDG,1.72069300000000,0.51786200000000
C2B1H1S1P4L2M1J2E1A2,GRF,CL5S,4,12,9,13,340,15,10,MNAVG,1.12024900000000,0.10836600000000
C2B1H1S1P4L2M1J2E1A3,GRF,CL5S,4,12,9,13,340,15,10,MNHVY,2.05660000000000,1.02861500000000
C2B1H1S1P4L2M1J2E2A1,GRF,CL5S,4,12,9,13,340,15,40,MEPDG,1.72069300000000,0.51786200000000
C2B1H1S1P4L2M1J2E2A2,GRF,CL5S,4,12,9,13,340,15,40,MNAVG,1.12024900000000,0.10836600000000
C2B1H1S1P4L2M1J2E2A3,GRF,CL5S,4,12,9,13,340,15,40,MNHVY,2.05660000000000,1.02861500000000
C2B1H1S1P4L2M2J1E1A1,GRF,CL5S,4,12,9,13,590,12,10,MEPDG,0.00617376700000,0.00298682600000
C2B1H1S1P4L2M2J1E1A2,GRF,CL5S,4,12,9,13,590,12,10,MNAVG,0.00185008500000,0.00037575640000
C2B1H1S1P4L2M2J1E1A3,GRF,CL5S,4,12,9,13,590,12,10,MNHVY,0.00217101500000,0.00456043600000
C2B1H1S1P4L2M2J1E2A1,GRF,CL5S,4,12,9,13,590,12,40,MEPDG,0.00617376700000,0.00298682600000
C2B1H1S1P4L2M2J1E2A2,GRF,CL5S,4,12,9,13,590,12,40,MNAVG,0.00185008500000,0.00037575640000
C2B1H1S1P4L2M2J1E2A3,GRF,CL5S,4,12,9,13,590,12,40,MNHVY,0.00217101500000,0.00456043600000
C2B1H1S1P4L2M2J2E1A1,GRF,CL5S,4,12,9,13,590,15,10,MEPDG,0.04064515000000,0.02368558000000
C2B1H1S1P4L2M2J2E1A2,GRF,CL5S,4,12,9,13,590,15,10,MNAVG,0.01707872000000,0.00433786700000
C2B1H1S1P4L2M2J2E1A3,GRF,CL5S,4,12,9,13,590,15,10,MNHVY,0.03054562000000,0.04590175000000
C2B1H1S1P4L2M2J2E2A1,GRF,CL5S,4,12,9,13,590,15,40,MEPDG,0.04064515000000,0.02368558000000
C2B1H1S1P4L2M2J2E2A2,GRF,CL5S,4,12,9,13,590,15,40,MNAVG,0.01707872000000,0.00433786700000
```

```
C2B1H1S1P4L2M2J2E2A3,GRF,CL5S,4,12,9,13,590,15,40,MNHVY,0.03054562000000,0.04590175000000
C2B1H1S1P4L2M3J1E1A1,GRF,CL5S,4,12,9,13,840,12,10,MEPDG,0.00015161070000,0.00009891555000
C2B1H1S1P4L2M3J1E1A2,GRF,CL5S,4,12,9,13,840,12,10,MNAVG,0.00004252314000,0.00000830731500
C2B1H1S1P4L2M3J1E1A3,GRF,CL5S,4,12,9,13,840,12,10,MNHVY,0.00003668206000,0.00011013260000
C2B1H1S1P4L2M3J1E2A1,GRF,CL5S,4,12,9,13,840,12,40,MEPDG,0.00015161070000,0.00009891555000
C2B1H1S1P4L2M3J1E2A2,GRF,CL5S,4,12,9,13,840,12,40,MNAVG,0.00004252314000,0.00000830731500
C2B1H1S1P4L2M3J1E2A3,GRF,CL5S,4,12,9,13,840,12,40,MNHVY,0.00003668206000,0.00011013260000
C2B1H1S1P4L2M3J2E1A1,GRF,CL5S,4,12,9,13,840,15,10,MEPDG,0.00158461400000,0.00129717900000
C2B1H1S1P4L2M3J2E1A2,GRF,CL5S,4,12,9,13,840,15,10,MNAVG,0.00046619140000,0.00019004840000
C2B1H1S1P4L2M3J2E1A3,GRF,CL5S,4,12,9,13,840,15,10,MNHVY,0.00071506560000,0.00224719200000
C2B1H1S1P4L2M3J2E2A1,GRF,CL5S,4,12,9,13,840,15,40,MEPDG,0.00158461400000,0.00129717900000
C2B1H1S1P4L2M3J2E2A2,GRF,CL5S,4,12,9,13,840,15,40,MNAVG,0.00046619140000,0.00019004840000
C2B1H1S1P4L2M3J2E2A3,GRF,CL5S,4,12,9,13,840,15,40,MNHVY,0.00071506560000,0.00224719200000
C2B1H1S1P5L1M1J1E1A1,GRF,CL5S,4,12,10,12,340,12,10,MEPDG,1.32357500000000,0.33207090000000
C2B1H1S1P5L1M1J1E1A2,GRF,CL5S,4,12,10,12,340,12,10,MNAVG,0.51002760000000,0.05116942000000
C2B1H1S1P5L1M1J1E1A3,GRF,CL5S,4,12,10,12,340,12,10,MNHVY,0.82878260000000,0.59940060000000
C2B1H1S1P5L1M1J1E2A1,GRF,CL5S,4,12,10,12,340,12,40,MEPDG,0.56436430000000,0.18456560000000
C2B1H1S1P5L1M1J1E2A2,GRF,CL5S,4,12,10,12,340,12,40,MNAVG,0.22131320000000,0.02713745000000
C2B1H1S1P5L1M1J1E2A3,GRF,CL5S,4,12,10,12,340,12,40,MNHVY,0.32612270000000,0.32058280000000
C2B1H1S1P5L1M1J2E1A1,GRF,CL5S,4,12,10,12,340,15,10,MEPDG,4.45404900000000,1.15977200000000
C2B1H1S1P5L1M1J2E1A2,GRF,CL5S,4,12,10,12,340,15,10,MNAVG,2.35145600000000,0.22662060000000
C2B1H1S1P5L1M1J2E1A3,GRF,CL5S,4,12,10,12,340,15,10,MNHVY,4.69248000000000,2.33653700000000
C2B1H1S1P5L1M1J2E2A1,GRF,CL5S,4,12,10,12,340,15,40,MEPDG,2.16208400000000,0.67302880000000
C2B1H1S1P5L1M1J2E2A2,GRF,CL5S,4,12,10,12,340,15,40,MNAVG,1.19190300000000,0.13032350000000
C2B1H1S1P5L1M1J2E2A3,GRF,CL5S,4,12,10,12,340,15,40,MNHVY,2.22048400000000,1.33832100000000
C2B1H1S1P5L1M2J1E1A1,GRF,CL5S,4,12,10,12,590,12,10,MEPDG,0.01419698000000,0.00502831500000
C2B1H1S1P5L1M2J1E1A2,GRF,CL5S,4,12,10,12,590,12,10,MNAVG,0.00322954100000,0.00059128150000
C2B1H1S1P5L1M2J1E1A3,GRF,CL5S,4,12,10,12,590,12,10,MNHVY,0.00377992100000,0.00762528600000
C2B1H1S1P5L1M2J1E2A1,GRF,CL5S,4,12,10,12,590,12,40,MEPDG,0.00430767300000,0.00273209800000
C2B1H1S1P5L1M2J1E2A2,GRF,CL5S,4,12,10,12,590,12,40,MNAVG,0.00112420800000,0.00030173790000
C2B1H1S1P5L1M2J1E2A3,GRF,CL5S,4,12,10,12,590,12,40,MNHVY,0.00115112300000,0.00390437400000
C2B1H1S1P5L1M2J2E1A1,GRF,CL5S,4,12,10,12,590,15,10,MEPDG,0.08926082000000,0.04395398000000
C2B1H1S1P5L1M2J2E1A2,GRF,CL5S,4,12,10,12,590,15,10,MNAVG,0.02579076000000,0.00738996000000
C2B1H1S1P5L1M2J2E1A3,GRF,CL5S,4,12,10,12,590,15,10,MNHVY,0.05013764000000,0.08464047000000
C2B1H1S1P5L1M2J2E2A1,GRF,CL5S,4,12,10,12,590,15,40,MEPDG,0.03213840000000,0.02329664000000
C2B1H1S1P5L1M2J2E2A2,GRF,CL5S,4,12,10,12,590,15,40,MNAVG,0.01019204000000,0.00382605500000
C2B1H1S1P5L1M2J2E2A3,GRF,CL5S,4,12,10,12,590,15,40,MNHVY,0.01720583000000,0.04391724000000
C2B1H1S1P5L1M3J1E1A1,GRF,CL5S,4,12,10,12,840,12,10,MEPDG,0.00037447730000,0.00014028280000
C2B1H1S1P5L1M3J1E1A2,GRF,CL5S,4,12,10,12,840,12,10,MNAVG,0.00007851068000,0.00001152388000
C2B1H1S1P5L1M3J1E1A3,GRF,CL5S,4,12,10,12,840,12,10,MNHVY,0.00006711425000,0.00016098710000
C2B1H1S1P5L1M3J1E2A1,GRF,CL5S,4,12,10,12,840,12,40,MEPDG,0.00008674530000,0.00008289539000
C2B1H1S1P5L1M3J1E2A2,GRF,CL5S,4,12,10,12,840,12,40,MNAVG,0.00002272088000,0.00000613914700
C2B1H1S1P5L1M3J1E2A3,GRF,CL5S,4,12,10,12,840,12,40,MNHVY,0.00001730952000,0.00008553993000
C2B1H1S1P5L1M3J2E1A1,GRF,CL5S,4,12,10,12,840,15,10,MEPDG,0.00308622200000,0.00218717500000
C2B1H1S1P5L1M3J2E1A2,GRF,CL5S,4,12,10,12,840,15,10,MNAVG,0.00061110250000,0.00029803010000
C2B1H1S1P5L1M3J2E1A3,GRF,CL5S,4,12,10,12,840,15,10,MNHVY,0.00092642810000,0.00373580000000
C2B1H1S1P5L1M3J2E2A1,GRF,CL5S,4,12,10,12,840,15,40,MEPDG,0.00086480830000,0.00112574400000
C2B1H1S1P5L1M3J2E2A2,GRF,CL5S,4,12,10,12,840,15,40,MNAVG,0.00020247800000,0.00014570190000
C2B1H1S1P5L1M3J2E2A3,GRF,CL5S,4,12,10,12,840,15,40,MNHVY,0.00025732000000,0.00184039700000
C2B1H1S1P5L2M1J1E1A1,GRF,CL5S,4,12,10,13,340,12,10,MEPDG,0.12480060000000,0.07977097000000
```

```
C2B1H1S1P5L2M1J1E1A2,GRF,CL5S,4,12,10,13,340,12,10,MNAVG,0.04797794000000,0.01208960000000
C2B1H1S1P5L2M1J1E1A3,GRF,CL5S,4,12,10,13,340,12,10,MNHVY,0.06906061000000,0.14068070000000
C2B1H1S1P5L2M1J1E2A1,GRF,CL5S,4,12,10,13,340,12,40,MEPDG,0.12480060000000,0.07977097000000
C2B1H1S1P5L2M1J1E2A2,GRF,CL5S,4,12,10,13,340,12,40,MNAVG,0.04797794000000,0.01208960000000
C2B1H1S1P5L2M1J1E2A3,GRF,CL5S,4,12,10,13,340,12,40,MNHVY,0.06906061000000,0.14068070000000
C2B1H1S1P5L2M1J2E1A1,GRF,CL5S,4,12,10,13,340,15,10,MEPDG,0.53390490000000,0.34941430000000
C2B1H1S1P5L2M1J2E1A2,GRF,CL5S,4,12,10,13,340,15,10,MNAVG,0.29474120000000,0.06973267000000
C2B1H1S1P5L2M1J2E1A3,GRF,CL5S,4,12,10,13,340,15,10,MNHVY,0.54215680000000,0.70113690000000
C2B1H1S1P5L2M1J2E2A1,GRF,CL5S,4,12,10,13,340,15,40,MEPDG,0.53390490000000,0.34941430000000
C2B1H1S1P5L2M1J2E2A2,GRF,CL5S,4,12,10,13,340,15,40,MNAVG,0.29474120000000,0.06973267000000
C2B1H1S1P5L2M1J2E2A3,GRF,CL5S,4,12,10,13,340,15,40,MNHVY,0.54215680000000,0.70113690000000
C2B1H1S1P5L2M2J1E1A1,GRF,CL5S,4,12,10,13,590,12,10,MEPDG,0.00081394310000,0.00109413300000
C2B1H1S1P5L2M2J1E1A2,GRF,CL5S,4,12,10,13,590,12,10,MNAVG,0.00021932970000,0.00012301160000
C2B1H1S1P5L2M2J1E1A3,GRF,CL5S,4,12,10,13,590,12,10,MNHVY,0.00021538400000,0.00158225700000
C2B1H1S1P5L2M2J1E2A1,GRF,CL5S,4,12,10,13,590,12,40,MEPDG,0.00081394310000,0.00109413300000
C2B1H1S1P5L2M2J1E2A2,GRF,CL5S,4,12,10,13,590,12,40,MNAVG,0.00021932970000,0.00012301160000
C2B1H1S1P5L2M2J1E2A3,GRF,CL5S,4,12,10,13,590,12,40,MNHVY,0.00021538400000,0.00158225700000
C2B1H1S1P5L2M2J2E1A1,GRF,CL5S,4,12,10,13,590,15,10,MEPDG,0.00682652300000,0.01114563000000
C2B1H1S1P5L2M2J2E1A2,GRF,CL5S,4,12,10,13,590,15,10,MNAVG,0.00219325500000,0.00187848800000
C2B1H1S1P5L2M2J2E1A3,GRF,CL5S,4,12,10,13,590,15,10,MNHVY,0.00357831900000,0.02121712000000
C2B1H1S1P5L2M2J2E2A1,GRF,CL5S,4,12,10,13,590,15,40,MEPDG,0.00682652300000,0.01114563000000
C2B1H1S1P5L2M2J2E2A2,GRF,CL5S,4,12,10,13,590,15,40,MNAVG,0.00219325500000,0.00187848800000
C2B1H1S1P5L2M2J2E2A3,GRF,CL5S,4,12,10,13,590,15,40,MNHVY,0.00357831900000,0.02121712000000
C2B1H1S1P5L2M3J1E1A1,GRF,CL5S,4,12,10,13,840,12,10,MEPDG,0.00001453351000,0.00003239264000
C2B1H1S1P5L2M3J1E1A2,GRF,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000403078100,0.00000237118200
C2B1H1S1P5L2M3J1E1A3,GRF,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000295829900,0.00003305052000
C2B1H1S1P5L2M3J1E2A1,GRF,CL5S,4,12,10,13,840,12,40,MEPDG,0.00001453351000,0.00003239264000
C2B1H1S1P5L2M3J1E2A2,GRF,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000403078100,0.00000237118200
C2B1H1S1P5L2M3J1E2A3,GRF,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000295829900,0.00003305052000
C2B1H1S1P5L2M3J2E1A1,GRF,CL5S,4,12,10,13,840,15,10,MEPDG,0.00016217990000,0.00050551540000
C2B1H1S1P5L2M3J2E1A2,GRF,CL5S,4,12,10,13,840,15,10,MNAVG,0.00003945656000,0.00006638039000
C2B1H1S1P5L2M3J2E1A3,GRF,CL5S,4,12,10,13,840,15,10,MNHVY,0.00004776945000,0.00083131840000
C2B1H1S1P5L2M3J2E2A1,GRF,CL5S,4,12,10,13,840,15,40,MEPDG,0.00016217990000,0.00050551540000
C2B1H1S1P5L2M3J2E2A2,GRF,CL5S,4,12,10,13,840,15,40,MNAVG,0.00003945656000,0.00006638039000
C2B1H1S1P5L2M3J2E2A3,GRF,CL5S,4,12,10,13,840,15,40,MNHVY,0.00004776945000,0.00083131840000
C2B1H1S1P6L1M1J1E1A1,GRF,CL5S,4,12,11,12,340,12,10,MEPDG,0.33406260000000,0.16259760000000
C2B1H1S1P6L1M1J1E1A2,GRF,CL5S,4,12,11,12,340,12,10,MNAVG,0.09792078000000,0.02250573000000
C2B1H1S1P6L1M1J1E1A3,GRF,CL5S,4,12,11,12,340,12,10,MNHVY,0.14818490000000,0.28259750000000
C2B1H1S1P6L1M1J1E2A1,GRF,CL5S,4,12,11,12,340,12,40,MEPDG,0.12712720000000,0.09247834000000
C2B1H1S1P6L1M1J1E2A2,GRF,CL5S,4,12,11,12,340,12,40,MNAVG,0.03926621000000,0.01240805000000
C2B1H1S1P6L1M1J1E2A3,GRF,CL5S,4,12,11,12,340,12,40,MNHVY,0.05240237000000,0.15554330000000
C2B1H1S1P6L1M1J2E1A1,GRF,CL5S,4,12,11,12,340,15,10,MEPDG,1.38850900000000,0.70922480000000
C2B1H1S1P6L1M1J2E1A2,GRF,CL5S,4,12,11,12,340,15,10,MNAVG,0.57854080000000,0.12824570000000
C2B1H1S1P6L1M1J2E1A3,GRF,CL5S,4,12,11,12,340,15,10,MNHVY,1.16450200000000,1.41849400000000
C2B1H1S1P6L1M1J2E2A1,GRF,CL5S,4,12,11,12,340,15,40,MEPDG,0.60973970000000,0.41555180000000
C2B1H1S1P6L1M1J2E2A2,GRF,CL5S,4,12,11,12,340,15,40,MNAVG,0.27015270000000,0.07486217000000
C2B1H1S1P6L1M1J2E2A3,GRF,CL5S,4,12,11,12,340,15,40,MNHVY,0.49337190000000,0.82187910000000
C2B1H1S1P6L1M2J1E1A1,GRF,CL5S,4,12,11,12,590,12,10,MEPDG,0.00241723700000,0.00179902400000
C2B1H1S1P6L1M2J1E1A2,GRF,CL5S,4,12,11,12,590,12,10,MNAVG,0.00049079460000,0.00017798160000
C2B1H1S1P6L1M2J1E1A3,GRF,CL5S,4,12,11,12,590,12,10,MNHVY,0.00049935240000,0.00248897800000
```

```
C2B1H1S1P6L1M2J1E2A1,GRF,CL5S,4,12,11,12,590,12,40,MEPDG,0.00063961010000,0.00103928400000
C2B1H1S1P6L1M2J1E2A2,GRF,CL5S,4,12,11,12,590,12,40,MNAVG,0.00015796060000,0.00009866906000
C2B1H1S1P6L1M2J1E2A3,GRF,CL5S,4,12,11,12,590,12,40,MNHVY,0.00014048720000,0.00136851100000
C2B1H1S1P6L1M2J2E1A1,GRF,CL5S,4,12,11,12,590,15,10,MEPDG,0.01567118000000,0.01934307000000
C2B1H1S1P6L1M2J2E1A2,GRF,CL5S,4,12,11,12,590,15,10,MNAVG,0.00341121600000,0.00286802600000
C2B1H1S1P6L1M2J2E1A3,GRF,CL5S,4,12,11,12,590,15,10,MNHVY,0.00567242400000,0.03555190000000
C2B1H1S1P6L1M2J2E2A1,GRF,CL5S,4,12,11,12,590,15,40,MEPDG,0.00494185200000,0.01062907000000
C2B1H1S1P6L1M2J2E2A2,GRF,CL5S,4,12,11,12,590,15,40,MNAVG,0.00123668600000,0.00156046200000
C2B1H1S1P6L1M2J2E2A3,GRF,CL5S,4,12,11,12,590,15,40,MNHVY,0.00174655800000,0.01920265000000
C2B1H1S1P6L1M3J1E1A1,GRF,CL5S,4,12,11,12,840,12,10,MEPDG,0.00005113898000,0.00004696033000
C2B1H1S1P6L1M3J1E1A2,GRF,CL5S,4,12,11,12,840,12,10,MNAVG,0.00000945930300,0.00000329494500
C2B1H1S1P6L1M3J1E1A3,GRF,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000739753600,0.00004900081000
C2B1H1S1P6L1M3J1E2A1,GRF,CL5S,4,12,11,12,840,12,40,MEPDG,0.00001031856000,0.00002799200000
C2B1H1S1P6L1M3J1E2A2,GRF,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000250112600,0.00000182982700
C2B1H1S1P6L1M3J1E2A3,GRF,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000174139700,0.00002702850000
C2B1H1S1P6L1M3J2E1A1,GRF,CL5S,4,12,11,12,840,15,10,MEPDG,0.00034137060000,0.00082906450000
C2B1H1S1P6L1M3J2E1A2,GRF,CL5S,4,12,11,12,840,15,10,MNAVG,0.00005751916000,0.00009563185000
C2B1H1S1P6L1M3J2E1A3,GRF,CL5S,4,12,11,12,840,15,10,MNHVY,0.00006604420000,0.00129857000000
C2B1H1S1P6L1M3J2E2A1,GRF,CL5S,4,12,11,12,840,15,40,MEPDG,0.00008209559000,0.00046372610000
C2B1H1S1P6L1M3J2E2A2,GRF,CL5S,4,12,11,12,840,15,40,MNAVG,0.00001740210000,0.00005167683000
C2B1H1S1P6L1M3J2E2A3,GRF,CL5S,4,12,11,12,840,15,40,MNHVY,0.00001707700000,0.00069686510000
C2B1H1S1P6L2M1J1E1A1,GRF,CL5S,4,12,11,13,340,12,10,MEPDG,0.02669489000000,0.04054921000000
C2B1H1S1P6L2M1J1E1A2,GRF,CL5S,4,12,11,13,340,12,10,MNAVG,0.00822167800000,0.00556225000000
C2B1H1S1P6L2M1J1E1A3,GRF,CL5S,4,12,11,13,340,12,10,MNHVY,0.01058215000000,0.06913453000000
C2B1H1S1P6L2M1J1E2A1,GRF,CL5S,4,12,11,13,340,12,40,MEPDG,0.02669489000000,0.04054921000000
C2B1H1S1P6L2M1J1E2A2,GRF,CL5S,4,12,11,13,340,12,40,MNAVG,0.00822167800000,0.00556225000000
C2B1H1S1P6L2M1J1E2A3,GRF,CL5S,4,12,11,13,340,12,40,MNHVY,0.01058215000000,0.06913453000000
C2B1H1S1P6L2M1J2E1A1,GRF,CL5S,4,12,11,13,340,15,10,MEPDG,0.14275750000000,0.21722170000000
C2B1H1S1P6L2M1J2E1A2,GRF,CL5S,4,12,11,13,340,15,10,MNAVG,0.06345905000000,0.04028377000000
C2B1H1S1P6L2M1J2E1A3,GRF,CL5S,4,12,11,13,340,15,10,MNHVY,0.11337870000000,0.43357480000000
C2B1H1S1P6L2M1J2E2A1,GRF,CL5S,4,12,11,13,340,15,40,MEPDG,0.14275750000000,0.21722170000000
C2B1H1S1P6L2M1J2E2A2,GRF,CL5S,4,12,11,13,340,15,40,MNAVG,0.06345905000000,0.04028377000000
C2B1H1S1P6L2M1J2E2A3,GRF,CL5S,4,12,11,13,340,15,40,MNHVY,0.11337870000000,0.43357480000000
C2B1H1S1P6L2M2J1E1A1,GRF,CL5S,4,12,11,13,590,12,10,MEPDG,0.00011403310000,0.00043036630000
C2B1H1S1P6L2M2J1E1A2,GRF,CL5S,4,12,11,13,590,12,10,MNAVG,0.00002963409000,0.00004147426000
C2B1H1S1P6L2M2J1E1A3,GRF,CL5S,4,12,11,13,590,12,10,MNHVY,0.00002526615000,0.00057359460000
C2B1H1S1P6L2M2J1E2A1,GRF,CL5S,4,12,11,13,590,12,40,MEPDG,0.00011403310000,0.00043036630000
C2B1H1S1P6L2M2J1E2A2,GRF,CL5S,4,12,11,13,590,12,40,MNAVG,0.00002963409000,0.00004147426000
C2B1H1S1P6L2M2J1E2A3,GRF,CL5S,4,12,11,13,590,12,40,MNHVY,0.00002526615000,0.00057359460000
C2B1H1S1P6L2M2J2E1A1,GRF,CL5S,4,12,11,13,590,15,10,MEPDG,0.00097790350000,0.00519980300000
C2B1H1S1P6L2M2J2E1A2,GRF,CL5S,4,12,11,13,590,15,10,MNAVG,0.00025201090000,0.00078118140000
C2B1H1S1P6L2M2J2E1A3,GRF,CL5S,4,12,11,13,590,15,10,MNHVY,0.00033990700000,0.00950704000000
C2B1H1S1P6L2M2J2E2A1,GRF,CL5S,4,12,11,13,590,15,40,MEPDG,0.00097790350000,0.00519980300000
C2B1H1S1P6L2M2J2E2A2,GRF,CL5S,4,12,11,13,590,15,40,MNAVG,0.00025201090000,0.00078118140000
C2B1H1S1P6L2M2J2E2A3,GRF,CL5S,4,12,11,13,590,15,40,MNHVY,0.00033990700000,0.00950704000000
C2B1H1S1P6L2M3J1E1A1,GRF,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000165057400,0.00001044415000
C2B1H1S1P6L2M3J1E1A2,GRF,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000042816000,0.00000068041530
C2B1H1S1P6L2M3J1E1A3,GRF,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000028845710,0.00001007378000
C2B1H1S1P6L2M3J1E2A1,GRF,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000165057400,0.00001044415000
C2B1H1S1P6L2M3J1E2A2,GRF,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000042816000,0.00000068041530
```

```
C2B1H1S1P6L2M3J1E2A3,GRF,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000028845710,0.00001007378000
C2B1H1S1P6L2M3J2E1A1,GRF,CL5S,4,12,11,13,840,15,10,MEPDG,0.00001431756000,0.00021651880000
C2B1H1S1P6L2M3J2E1A2,GRF,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000321942900,0.00002430490000
C2B1H1S1P6L2M3J2E1A3,GRF,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000302381000,0.00032643630000
C2B1H1S1P6L2M3J2E2A1,GRF,CL5S,4,12,11,13,840,15,40,MEPDG,0.00001431756000,0.00021651880000
C2B1H1S1P6L2M3J2E2A2,GRF,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000321942900,0.00002430490000
C2B1H1S1P6L2M3J2E2A3,GRF,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000302381000,0.00032643630000
C2B1H1S1P7L1M1J1E1A1,GRF,CL5S,4,12,12,12,340,12,10,MEPDG,0.08249851000000,0.07682313000000
C2B1H1S1P7L1M1J1E1A2,GRF,CL5S,4,12,12,12,340,12,10,MNAVG,0.01935694000000,0.00930345700000
C2B1H1S1P7L1M1J1E1A3,GRF,CL5S,4,12,12,12,340,12,10,MNHVY,0.02680482000000,0.12465730000000
C2B1H1S1P7L1M1J1E2A1,GRF,CL5S,4,12,12,12,340,12,40,MEPDG,0.02806169000000,0.04543842000000
C2B1H1S1P7L1M1J1E2A2,GRF,CL5S,4,12,12,12,340,12,40,MNAVG,0.00730365000000,0.00540700500000
C2B1H1S1P7L1M1J1E2A3,GRF,CL5S,4,12,12,12,340,12,40,MNHVY,0.00874049600000,0.07184605000000
C2B1H1S1P7L1M1J2E1A1,GRF,CL5S,4,12,12,12,340,15,10,MEPDG,0.39161930000000,0.40849270000000
C2B1H1S1P7L1M1J2E1A2,GRF,CL5S,4,12,12,12,340,15,10,MNAVG,0.12436090000000,0.06742249000000
C2B1H1S1P7L1M1J2E1A3,GRF,CL5S,4,12,12,12,340,15,10,MNHVY,0.24310130000000,0.79454780000000
C2B1H1S1P7L1M1J2E2A1,GRF,CL5S,4,12,12,12,340,15,40,MEPDG,0.15437840000000,0.24359830000000
C2B1H1S1P7L1M1J2E2A2,GRF,CL5S,4,12,12,12,340,15,40,MNAVG,0.05332997000000,0.04032161000000
C2B1H1S1P7L1M1J2E2A3,GRF,CL5S,4,12,12,12,340,15,40,MNHVY,0.09179617000000,0.46983920000000
C2B1H1S1P7L1M2J1E1A1,GRF,CL5S,4,12,12,12,590,12,10,MEPDG,0.00044675690000,0.00069469730000
C2B1H1S1P7L1M2J1E1A2,GRF,CL5S,4,12,12,12,590,12,10,MNAVG,0.00008151808000,0.00005900471000
C2B1H1S1P7L1M2J1E1A3,GRF,CL5S,4,12,12,12,590,12,10,MNHVY,0.00007490240000,0.00086671910000
C2B1H1S1P7L1M2J1E2A1,GRF,CL5S,4,12,12,12,590,12,40,MEPDG,0.00010523770000,0.00043248910000
C2B1H1S1P7L1M2J1E2A2,GRF,CL5S,4,12,12,12,590,12,40,MNAVG,0.00002448989000,0.00003572214000
C2B1H1S1P7L1M2J1E2A3,GRF,CL5S,4,12,12,12,590,12,40,MNHVY,0.00001969857000,0.00052109940000
C2B1H1S1P7L1M2J2E1A1,GRF,CL5S,4,12,12,12,590,15,10,MEPDG,0.00248475300000,0.00855598600000
C2B1H1S1P7L1M2J2E1A2,GRF,CL5S,4,12,12,12,590,15,10,MNAVG,0.00044269000000,0.00110749200000
C2B1H1S1P7L1M2J2E1A3,GRF,CL5S,4,12,12,12,590,15,10,MNHVY,0.00059203510000,0.01469926000000
C2B1H1S1P7L1M2J2E2A1,GRF,CL5S,4,12,12,12,590,15,40,MEPDG,0.00068260930000,0.00491871100000
C2B1H1S1P7L1M2J2E2A2,GRF,CL5S,4,12,12,12,590,15,40,MNAVG,0.00014800850000,0.00063754140000
C2B1H1S1P7L1M2J2E2A3,GRF,CL5S,4,12,12,12,590,15,40,MNHVY,0.00016783840000,0.00835056300000
C2B1H1S1P7L1M3J1E1A1,GRF,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000834516100,0.00001611272000
C2B1H1S1P7L1M3J1E1A2,GRF,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000129192400,0.00000100924700
C2B1H1S1P7L1M3J1E1A3,GRF,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000094491020,0.00001534976000
C2B1H1S1P7L1M3J1E2A1,GRF,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000145941100,0.00001308808000
C2B1H1S1P7L1M3J1E2A2,GRF,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000031543280,0.00000074681530
C2B1H1S1P7L1M3J1E2A3,GRF,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000020070980,0.00001129317000
C2B1H1S1P7L1M3J2E1A1,GRF,CL5S,4,12,12,12,840,15,10,MEPDG,0.00003875550000,0.00034039090000
C2B1H1S1P7L1M3J2E1A2,GRF,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000579812300,0.00003310252000
C2B1H1S1P7L1M3J2E1A3,GRF,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000535464100,0.00047729660000
C2B1H1S1P7L1M3J2E2A1,GRF,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000833952700,0.00020229160000
C2B1H1S1P7L1M3J2E2A2,GRF,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000164547100,0.00001886678000
C2B1H1S1P7L1M3J2E2A3,GRF,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000134736800,0.00027011870000
C2B1H1S1P7L2M1J1E1A1,GRF,CL5S,4,12,12,13,340,12,10,MEPDG,0.00562040600000,0.02024567000000
C2B1H1S1P7L2M1J1E1A2,GRF,CL5S,4,12,12,13,340,12,10,MNAVG,0.00149366900000,0.00245403100000
C2B1H1S1P7L2M1J1E1A3,GRF,CL5S,4,12,12,13,340,12,10,MNHVY,0.00171082000000,0.03242802000000
C2B1H1S1P7L2M1J1E2A1,GRF,CL5S,4,12,12,13,340,12,40,MEPDG,0.00562040600000,0.02024567000000
C2B1H1S1P7L2M1J1E2A2,GRF,CL5S,4,12,12,13,340,12,40,MNAVG,0.00149366900000,0.00245403100000
C2B1H1S1P7L2M1J1E2A3,GRF,CL5S,4,12,12,13,340,12,40,MNHVY,0.00171082000000,0.03242802000000
C2B1H1S1P7L2M1J2E1A1,GRF,CL5S,4,12,12,13,340,15,10,MEPDG,0.03410797000000,0.12826950000000
```

```
C2B1H1S1P7L2M1J2E1A2,GRF,CL5S,4,12,12,13,340,15,10,MNAVG,0.01189315000000,0.02178369000000
C2B1H1S1P7L2M1J2E1A3,GRF,CL5S,4,12,12,13,340,15,10,MNHVY,0.01979708000000,0.25001560000000
C2B1H1S1P7L2M1J2E2A1,GRF,CL5S,4,12,12,13,340,15,40,MEPDG,0.03410797000000,0.12826950000000
C2B1H1S1P7L2M1J2E2A2,GRF,CL5S,4,12,12,13,340,15,40,MNAVG,0.01189315000000,0.02178369000000
C2B1H1S1P7L2M1J2E2A3,GRF,CL5S,4,12,12,13,340,15,40,MNHVY,0.01979708000000,0.25001560000000
C2B1H1S1P7L2M2J1E1A1,GRF,CL5S,4,12,12,13,590,12,10,MEPDG,0.00001788024000,0.00018814540000
C2B1H1S1P7L2M2J1E1A2,GRF,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000444012100,0.00001571122000
C2B1H1S1P7L2M2J1E1A3,GRF,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000342779000,0.00022881800000
C2B1H1S1P7L2M2J1E2A1,GRF,CL5S,4,12,12,13,590,12,40,MEPDG,0.00001788024000,0.00018814540000
C2B1H1S1P7L2M2J1E2A2,GRF,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000444012100,0.00001571122000
C2B1H1S1P7L2M2J1E2A3,GRF,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000342779000,0.00022881800000
C2B1H1S1P7L2M2J2E1A1,GRF,CL5S,4,12,12,13,590,15,10,MEPDG,0.00012625340000,0.00244250000000
C2B1H1S1P7L2M2J2E1A2,GRF,CL5S,4,12,12,13,590,15,10,MNAVG,0.00002878043000,0.00032350810000
C2B1H1S1P7L2M2J2E1A3,GRF,CL5S,4,12,12,13,590,15,10,MNHVY,0.00003111069000,0.00420305600000
C2B1H1S1P7L2M2J2E2A1,GRF,CL5S,4,12,12,13,590,15,40,MEPDG,0.00012625340000,0.00244250000000
C2B1H1S1P7L2M2J2E2A2,GRF,CL5S,4,12,12,13,590,15,40,MNAVG,0.00002878043000,0.00032350810000
C2B1H1S1P7L2M2J2E2A3,GRF,CL5S,4,12,12,13,590,15,40,MNHVY,0.00003111069000,0.00420305600000
C2B1H1S1P7L2M3J1E1A1,GRF,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000023861470,0.00000526204000
C2B1H1S1P7L2M3J1E1A2,GRF,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000005471612,0.00000029192410
C2B1H1S1P7L2M3J1E1A3,GRF,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000003432583,0.00000440458400
C2B1H1S1P7L2M3J1E2A1,GRF,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000023861470,0.00000526204000
C2B1H1S1P7L2M3J1E2A2,GRF,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000005471612,0.00000029192410
C2B1H1S1P7L2M3J1E2A3,GRF,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000003432583,0.00000440458400
C2B1H1S1P7L2M3J2E1A1,GRF,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000137698200,0.00009624959000
C2B1H1S1P7L2M3J2E1A2,GRF,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000029252730,0.00000902340200
C2B1H1S1P7L2M3J2E1A3,GRF,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000023099330,0.00012886490000
C2B1H1S1P7L2M3J2E2A1,GRF,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000137698200,0.00009624959000
C2B1H1S1P7L2M3J2E2A2,GRF,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000029252730,0.00000902340200
C2B1H1S1P7L2M3J2E2A3,GRF,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000023099330,0.00012886490000
C2B1H2S2P1L1M1J1E1A1,GRF,CL5S,12,4,6,12,340,12,10,MEPDG,48.52667000000000,0.00000000000000
C2B1H2S2P1L1M1J1E1A2,GRF,CL5S,12,4,6,12,340,12,10,MNAVG,37.71064000000000,0.00000000000000
C2B1H2S2P1L1M1J1E1A3,GRF,CL5S,12,4,6,12,340,12,10,MNHVY,64.66694000000000,0.00000000000000
C2B1H2S2P1L1M1J1E2A1,GRF,CL5S,12,4,6,12,340,12,40,MEPDG,28.87023000000000,0.00000000000000
C2B1H2S2P1L1M1J1E2A2,GRF,CL5S,12,4,6,12,340,12,40,MNAVG,21.32996000000000,0.00000000000000
C2B1H2S2P1L1M1J1E2A3,GRF,CL5S,12,4,6,12,340,12,40,MNHVY,37.32951000000000,0.00000000000000
C2B1H2S2P1L1M1J2E1A1,GRF,CL5S,12,4,6,12,340,15,10,MEPDG,60.04422000000000,0.00000000000000
C2B1H2S2P1L1M1J2E1A2,GRF,CL5S,12,4,6,12,340,15,10,MNAVG,48.69495000000000,0.00000000000000
C2B1H2S2P1L1M1J2E1A3,GRF,CL5S,12,4,6,12,340,15,10,MNHVY,85.13982000000000,0.00000000000001
C2B1H2S2P1L1M1J2E2A1,GRF,CL5S,12,4,6,12,340,15,40,MEPDG,36.74613000000000,0.00000000000000
C2B1H2S2P1L1M1J2E2A2,GRF,CL5S,12,4,6,12,340,15,40,MNAVG,28.58021000000000,0.00000000000000
C2B1H2S2P1L1M1J2E2A3,GRF,CL5S,12,4,6,12,340,15,40,MNHVY,51.07950000000000,0.00000000000000
C2B1H2S2P1L1M2J1E1A1,GRF,CL5S,12,4,6,12,590,12,10,MEPDG,5.77790300000000,0.00000000000004
C2B1H2S2P1L1M2J1E1A2,GRF,CL5S,12,4,6,12,590,12,10,MNAVG,3.75088500000000,0.00000000000000
C2B1H2S2P1L1M2J1E1A3,GRF,CL5S,12,4,6,12,590,12,10,MNHVY,6.34925200000000,0.00000000000002
C2B1H2S2P1L1M2J1E2A1,GRF,CL5S,12,4,6,12,590,12,40,MEPDG,3.04196200000000,0.00000000000003
C2B1H2S2P1L1M2J1E2A2,GRF,CL5S,12,4,6,12,590,12,40,MNAVG,1.92125200000000,0.00000000000000
C2B1H2S2P1L1M2J1E2A3,GRF,CL5S,12,4,6,12,590,12,40,MNHVY,3.23132500000000,0.00000000000001
C2B1H2S2P1L1M2J2E1A1,GRF,CL5S,12,4,6,12,590,15,10,MEPDG,10.30181000000000,0.00000000000027
C2B1H2S2P1L1M2J2E1A2,GRF,CL5S,12,4,6,12,590,15,10,MNAVG,7.67653800000000,0.00000000000002
C2B1H2S2P1L1M2J2E1A3,GRF,CL5S,12,4,6,12,590,15,10,MNHVY,13.83575000000000,0.00000000000026
```

```
C2B1H2S2P1L1M2J2E2A1,GRF,CL5S,12,4,6,12,590,15,40,MEPDG,5.86994600000000,0.00000000000016
C2B1H2S2P1L1M2J2E2A2,GRF,CL5S,12,4,6,12,590,15,40,MNAVG,4.34484300000000,0.00000000000001
C2B1H2S2P1L1M2J2E2A3,GRF,CL5S,12,4,6,12,590,15,40,MNHVY,7.83128000000000,0.00000000000018
C2B1H2S2P1L1M3J1E1A1,GRF,CL5S,12,4,6,12,840,12,10,MEPDG,0.80810060000000,0.00000000000012
C2B1H2S2P1L1M3J1E1A2,GRF,CL5S,12,4,6,12,840,12,10,MNAVG,0.40628590000000,0.00000000000000
C2B1H2S2P1L1M3J1E1A3,GRF,CL5S,12,4,6,12,840,12,10,MNHVY,0.66562270000000,0.00000000000005
C2B1H2S2P1L1M3J1E2A1,GRF,CL5S,12,4,6,12,840,12,40,MEPDG,0.37088750000000,0.00000000000005
C2B1H2S2P1L1M3J1E2A2,GRF,CL5S,12,4,6,12,840,12,40,MNAVG,0.18442950000000,0.00000000000000
C2B1H2S2P1L1M3J1E2A3,GRF,CL5S,12,4,6,12,840,12,40,MNHVY,0.29047100000000,0.00000000000002
C2B1H2S2P1L1M3J2E1A1,GRF,CL5S,12,4,6,12,840,15,10,MEPDG,2.00378900000000,0.00000000000133
C2B1H2S2P1L1M3J2E1A2,GRF,CL5S,12,4,6,12,840,15,10,MNAVG,1.27969700000000,0.00000000000008
C2B1H2S2P1L1M3J2E1A3,GRF,CL5S,12,4,6,12,840,15,10,MNHVY,2.41909600000000,0.00000000000110
C2B1H2S2P1L1M3J2E2A1,GRF,CL5S,12,4,6,12,840,15,40,MEPDG,1.02317700000000,0.00000000000058
C2B1H2S2P1L1M3J2E2A2,GRF,CL5S,12,4,6,12,840,15,40,MNAVG,0.66204970000000,0.00000000000004
C2B1H2S2P1L1M3J2E2A3,GRF,CL5S,12,4,6,12,840,15,40,MNHVY,1.22009300000000,0.00000000000054
C2B1H2S2P1L2M1J1E1A1,GRF,CL5S,12,4,6,13,340,12,10,MEPDG,7.29545300000000,0.00000000000000
C2B1H2S2P1L2M1J1E1A2,GRF,CL5S,12,4,6,13,340,12,10,MNAVG,5.20130600000000,0.00000000000000
C2B1H2S2P1L2M1J1E1A3,GRF,CL5S,12,4,6,13,340,12,10,MNHVY,9.21302800000000,0.00000000000000
C2B1H2S2P1L2M1J1E2A1,GRF,CL5S,12,4,6,13,340,12,40,MEPDG,7.29545300000000,0.00000000000000
C2B1H2S2P1L2M1J1E2A2,GRF,CL5S,12,4,6,13,340,12,40,MNAVG,5.20130600000000,0.00000000000000
C2B1H2S2P1L2M1J1E2A3,GRF,CL5S,12,4,6,13,340,12,40,MNHVY,9.21302800000000,0.00000000000000
C2B1H2S2P1L2M1J2E1A1,GRF,CL5S,12,4,6,13,340,15,10,MEPDG,9.54807500000000,0.00000000000000
C2B1H2S2P1L2M1J2E1A2,GRF,CL5S,12,4,6,13,340,15,10,MNAVG,7.23802200000000,0.00000000000000
C2B1H2S2P1L2M1J2E1A3,GRF,CL5S,12,4,6,13,340,15,10,MNHVY,13.06186000000000,0.00000000000000
C2B1H2S2P1L2M1J2E2A1,GRF,CL5S,12,4,6,13,340,15,40,MEPDG,9.54807500000000,0.00000000000000
C2B1H2S2P1L2M1J2E2A2,GRF,CL5S,12,4,6,13,340,15,40,MNAVG,7.23802200000000,0.00000000000000
C2B1H2S2P1L2M1J2E2A3,GRF,CL5S,12,4,6,13,340,15,40,MNHVY,13.06186000000000,0.00000000000000
C2B1H2S2P1L2M2J1E1A1,GRF,CL5S,12,4,6,13,590,12,10,MEPDG,0.73529520000000,0.00000000000001
C2B1H2S2P1L2M2J1E1A2,GRF,CL5S,12,4,6,13,590,12,10,MNAVG,0.45135800000000,0.00000000000000
C2B1H2S2P1L2M2J1E1A3,GRF,CL5S,12,4,6,13,590,12,10,MNHVY,0.76761690000000,0.00000000000001
C2B1H2S2P1L2M2J1E2A1,GRF,CL5S,12,4,6,13,590,12,40,MEPDG,0.73529520000000,0.00000000000001
C2B1H2S2P1L2M2J1E2A2,GRF,CL5S,12,4,6,13,590,12,40,MNAVG,0.45135800000000,0.00000000000000
C2B1H2S2P1L2M2J1E2A3,GRF,CL5S,12,4,6,13,590,12,40,MNHVY,0.76761690000000,0.00000000000001
C2B1H2S2P1L2M2J2E1A1,GRF,CL5S,12,4,6,13,590,15,10,MEPDG,1.53414000000000,0.00000000000007
C2B1H2S2P1L2M2J2E1A2,GRF,CL5S,12,4,6,13,590,15,10,MNAVG,1.13133000000000,0.00000000000001
C2B1H2S2P1L2M2J2E1A3,GRF,CL5S,12,4,6,13,590,15,10,MNHVY,2.05604100000000,0.00000000000009
C2B1H2S2P1L2M2J2E2A1,GRF,CL5S,12,4,6,13,590,15,40,MEPDG,1.53414000000000,0.00000000000007
C2B1H2S2P1L2M2J2E2A2,GRF,CL5S,12,4,6,13,590,15,40,MNAVG,1.13133000000000,0.00000000000001
C2B1H2S2P1L2M2J2E2A3,GRF,CL5S,12,4,6,13,590,15,40,MNHVY,2.05604100000000,0.00000000000009
C2B1H2S2P1L2M3J1E1A1,GRF,CL5S,12,4,6,13,840,12,10,MEPDG,0.08411228000000,0.00000000000001
C2B1H2S2P1L2M3J1E1A2,GRF,CL5S,12,4,6,13,840,12,10,MNAVG,0.04071885000000,0.00000000000000
C2B1H2S2P1L2M3J1E1A3,GRF,CL5S,12,4,6,13,840,12,10,MNHVY,0.06436116000000,0.00000000000001
C2B1H2S2P1L2M3J1E2A1,GRF,CL5S,12,4,6,13,840,12,40,MEPDG,0.08411228000000,0.00000000000001
C2B1H2S2P1L2M3J1E2A2,GRF,CL5S,12,4,6,13,840,12,40,MNAVG,0.04071885000000,0.00000000000000
C2B1H2S2P1L2M3J1E2A3,GRF,CL5S,12,4,6,13,840,12,40,MNHVY,0.06436116000000,0.00000000000001
C2B1H2S2P1L2M3J2E1A1,GRF,CL5S,12,4,6,13,840,15,10,MEPDG,0.25541260000000,0.00000000000021
C2B1H2S2P1L2M3J2E1A2,GRF,CL5S,12,4,6,13,840,15,10,MNAVG,0.16484770000000,0.00000000000002
C2B1H2S2P1L2M3J2E1A3,GRF,CL5S,12,4,6,13,840,15,10,MNHVY,0.30615840000000,0.00000000000021
C2B1H2S2P1L2M3J2E2A1,GRF,CL5S,12,4,6,13,840,15,40,MEPDG,0.25541260000000,0.00000000000021
C2B1H2S2P1L2M3J2E2A2,GRF,CL5S,12,4,6,13,840,15,40,MNAVG,0.16484770000000,0.00000000000002
```

```
C2B1H2S2P1L2M3J2E2A3,GRF,CL5S,12,4,6,13,840,15,40,MNHVY,0.30615840000000,0.00000000000021
C2B1H2S2P2L1M1J1E1A1,GRF,CL5S,12,4,7,12,340,12,10,MEPDG,26.82265000000000,0.00000000000371
C2B1H2S2P2L1M1J1E1A2,GRF,CL5S,12,4,7,12,340,12,10,MNAVG,19.84511000000000,0.00000000000018
C2B1H2S2P2L1M1J1E1A3,GRF,CL5S,12,4,7,12,340,12,10,MNHVY,35.18023000000000,0.00000000000252
C2B1H2S2P2L1M1J1E2A1,GRF,CL5S,12,4,7,12,340,12,40,MEPDG,15.29317000000000,0.00000000000226
C2B1H2S2P2L1M1J1E2A2,GRF,CL5S,12,4,7,12,340,12,40,MNAVG,11.05491000000000,0.00000000000014
C2B1H2S2P2L1M1J1E2A3,GRF,CL5S,12,4,7,12,340,12,40,MNHVY,19.56306000000000,0.00000000000187
C2B1H2S2P2L1M1J2E1A1,GRF,CL5S,12,4,7,12,340,15,10,MEPDG,43.86728000000000,0.00000000002050
C2B1H2S2P2L1M1J2E1A2,GRF,CL5S,12,4,7,12,340,15,10,MNAVG,35.77632000000000,0.00000000000218
C2B1H2S2P2L1M1J2E1A3,GRF,CL5S,12,4,7,12,340,15,10,MNHVY,65.65131000000000,0.00000000002685
C2B1H2S2P2L1M1J2E2A1,GRF,CL5S,12,4,7,12,340,15,40,MEPDG,26.76052000000000,0.00000000001467
C2B1H2S2P2L1M1J2E2A2,GRF,CL5S,12,4,7,12,340,15,40,MNAVG,21.66035000000000,0.00000000000185
C2B1H2S2P2L1M1J2E2A3,GRF,CL5S,12,4,7,12,340,15,40,MNHVY,39.82571000000000,0.00000000002169
C2B1H2S2P2L1M2J1E1A1,GRF,CL5S,12,4,7,12,590,12,10,MEPDG,1.67954300000000,0.00000000003202
C2B1H2S2P2L1M2J1E1A2,GRF,CL5S,12,4,7,12,590,12,10,MNAVG,0.86754540000000,0.00000000000123
C2B1H2S2P2L1M2J1E1A3,GRF,CL5S,12,4,7,12,590,12,10,MNHVY,1.49786300000000,0.00000000001751
C2B1H2S2P2L1M2J1E2A1,GRF,CL5S,12,4,7,12,590,12,40,MEPDG,0.78621330000000,0.00000000001222
C2B1H2S2P2L1M2J1E2A2,GRF,CL5S,12,4,7,12,590,12,40,MNAVG,0.40535530000000,0.00000000000051
C2B1H2S2P2L1M2J1E2A3,GRF,CL5S,12,4,7,12,590,12,40,MNHVY,0.66732570000000,0.00000000000732
C2B1H2S2P2L1M2J2E1A1,GRF,CL5S,12,4,7,12,590,15,10,MEPDG,4.53208800000000,0.00000000022932
C2B1H2S2P2L1M2J2E1A2,GRF,CL5S,12,4,7,12,590,15,10,MNAVG,2.96633700000000,0.00000000001759
C2B1H2S2P2L1M2J2E1A3,GRF,CL5S,12,4,7,12,590,15,10,MNHVY,5.82657600000000,0.00000000024592
C2B1H2S2P2L1M2J2E2A1,GRF,CL5S,12,4,7,12,590,15,40,MEPDG,2.41205600000000,0.00000000013124
C2B1H2S2P2L1M2J2E2A2,GRF,CL5S,12,4,7,12,590,15,40,MNAVG,1.61987600000000,0.00000000001144
C2B1H2S2P2L1M2J2E2A3,GRF,CL5S,12,4,7,12,590,15,40,MNHVY,3.08809800000000,0.00000000015616
C2B1H2S2P2L1M3J1E1A1,GRF,CL5S,12,4,7,12,840,12,10,MEPDG,0.15754330000000,0.00000000009603
C2B1H2S2P2L1M3J1E1A2,GRF,CL5S,12,4,7,12,840,12,10,MNAVG,0.05805549000000,0.00000000000457
C2B1H2S2P2L1M3J1E1A3,GRF,CL5S,12,4,7,12,840,12,10,MNHVY,0.09270862000000,0.00000000006774
C2B1H2S2P2L1M3J1E2A1,GRF,CL5S,12,4,7,12,840,12,40,MEPDG,0.06193567000000,0.00000000003347
C2B1H2S2P2L1M3J1E2A2,GRF,CL5S,12,4,7,12,840,12,40,MNAVG,0.02344099000000,0.00000000000154
C2B1H2S2P2L1M3J1E2A3,GRF,CL5S,12,4,7,12,840,12,40,MNHVY,0.03419887000000,0.00000000002271
C2B1H2S2P2L1M3J2E1A1,GRF,CL5S,12,4,7,12,840,15,10,MEPDG,0.67399620000000,0.00000000094723
C2B1H2S2P2L1M3J2E1A2,GRF,CL5S,12,4,7,12,840,15,10,MNAVG,0.34153090000000,0.00000000007849
C2B1H2S2P2L1M3J2E1A3,GRF,CL5S,12,4,7,12,840,15,10,MNHVY,0.73665050000000,0.00000000116280
C2B1H2S2P2L1M3J2E2A1,GRF,CL5S,12,4,7,12,840,15,40,MEPDG,0.30485750000000,0.00000000036551
C2B1H2S2P2L1M3J2E2A2,GRF,CL5S,12,4,7,12,840,15,40,MNAVG,0.16172940000000,0.00000000003120
C2B1H2S2P2L1M3J2E2A3,GRF,CL5S,12,4,7,12,840,15,40,MNHVY,0.32424850000000,0.00000000045597
C2B1H2S2P2L2M1J1E1A1,GRF,CL5S,12,4,7,13,340,12,10,MEPDG,3.89612500000000,0.00000000000101
C2B1H2S2P2L2M1J1E1A2,GRF,CL5S,12,4,7,13,340,12,10,MNAVG,2.75456900000000,0.00000000000007
C2B1H2S2P2L2M1J1E1A3,GRF,CL5S,12,4,7,13,340,12,10,MNHVY,4.90771600000000,0.00000000000097
C2B1H2S2P2L2M1J1E2A1,GRF,CL5S,12,4,7,13,340,12,40,MEPDG,3.89612500000000,0.00000000000101
C2B1H2S2P2L2M1J1E2A2,GRF,CL5S,12,4,7,13,340,12,40,MNAVG,2.75456900000000,0.00000000000007
C2B1H2S2P2L2M1J1E2A3,GRF,CL5S,12,4,7,13,340,12,40,MNHVY,4.90771600000000,0.00000000000097
C2B1H2S2P2L2M1J2E1A1,GRF,CL5S,12,4,7,13,340,15,10,MEPDG,7.36288700000000,0.00000000000779
C2B1H2S2P2L2M1J2E1A2,GRF,CL5S,12,4,7,13,340,15,10,MNAVG,5.94957100000000,0.00000000000110
C2B1H2S2P2L2M1J2E1A3,GRF,CL5S,12,4,7,13,340,15,10,MNHVY,10.96982000000000,0.00000000001242
C2B1H2S2P2L2M1J2E2A1,GRF,CL5S,12,4,7,13,340,15,40,MEPDG,7.36288700000000,0.00000000000779
C2B1H2S2P2L2M1J2E2A2,GRF,CL5S,12,4,7,13,340,15,40,MNAVG,5.94957100000000,0.00000000000110
C2B1H2S2P2L2M1J2E2A3,GRF,CL5S,12,4,7,13,340,15,40,MNHVY,10.96982000000000,0.00000000001242
C2B1H2S2P2L2M2J1E1A1,GRF,CL5S,12,4,7,13,590,12,10,MEPDG,0.18191050000000,0.00000000000454
```

```
C2B1H2S2P2L2M2J1E1A2,GRF,CL5S,12,4,7,13,590,12,10,MNAVG,0.09167849000000,0.00000000000021
C2B1H2S2P2L2M2J1E1A3,GRF,CL5S,12,4,7,13,590,12,10,MNHVY,0.15084130000000,0.00000000000298
C2B1H2S2P2L2M2J1E2A1,GRF,CL5S,12,4,7,13,590,12,40,MEPDG,0.18191050000000,0.00000000000454
C2B1H2S2P2L2M2J1E2A2,GRF,CL5S,12,4,7,13,590,12,40,MNAVG,0.09167849000000,0.00000000000021
C2B1H2S2P2L2M2J1E2A3,GRF,CL5S,12,4,7,13,590,12,40,MNHVY,0.15084130000000,0.00000000000298
C2B1H2S2P2L2M2J2E1A1,GRF,CL5S,12,4,7,13,590,15,10,MEPDG,0.62737580000000,0.00000000005471
C2B1H2S2P2L2M2J2E1A2,GRF,CL5S,12,4,7,13,590,15,10,MNAVG,0.42267980000000,0.00000000000524
C2B1H2S2P2L2M2J2E1A3,GRF,CL5S,12,4,7,13,590,15,10,MNHVY,0.81002690000000,0.00000000007000
C2B1H2S2P2L2M2J2E2A1,GRF,CL5S,12,4,7,13,590,15,40,MEPDG,0.62737580000000,0.00000000005471
C2B1H2S2P2L2M2J2E2A2,GRF,CL5S,12,4,7,13,590,15,40,MNAVG,0.42267980000000,0.00000000000524
C2B1H2S2P2L2M2J2E2A3,GRF,CL5S,12,4,7,13,590,15,40,MNHVY,0.81002690000000,0.00000000007000
C2B1H2S2P2L2M3J1E1A1,GRF,CL5S,12,4,7,13,840,12,10,MEPDG,0.01316824000000,0.00000000000998
C2B1H2S2P2L2M3J1E1A2,GRF,CL5S,12,4,7,13,840,12,10,MNAVG,0.00491286000000,0.00000000000047
C2B1H2S2P2L2M3J1E1A3,GRF,CL5S,12,4,7,13,840,12,10,MNHVY,0.00705610200000,0.00000000000693
C2B1H2S2P2L2M3J1E2A1,GRF,CL5S,12,4,7,13,840,12,40,MEPDG,0.01316824000000,0.00000000000998
C2B1H2S2P2L2M3J1E2A2,GRF,CL5S,12,4,7,13,840,12,40,MNAVG,0.00491286000000,0.00000000000047
C2B1H2S2P2L2M3J1E2A3,GRF,CL5S,12,4,7,13,840,12,40,MNHVY,0.00705610200000,0.00000000000693
C2B1H2S2P2L2M3J2E1A1,GRF,CL5S,12,4,7,13,840,15,10,MEPDG,0.07356101000000,0.00000000015600
C2B1H2S2P2L2M3J2E1A2,GRF,CL5S,12,4,7,13,840,15,10,MNAVG,0.03906018000000,0.00000000001396
C2B1H2S2P2L2M3J2E1A3,GRF,CL5S,12,4,7,13,840,15,10,MNHVY,0.07818530000000,0.00000000020204
C2B1H2S2P2L2M3J2E2A1,GRF,CL5S,12,4,7,13,840,15,40,MEPDG,0.07356101000000,0.00000000015600
C2B1H2S2P2L2M3J2E2A2,GRF,CL5S,12,4,7,13,840,15,40,MNAVG,0.03906018000000,0.00000000001396
C2B1H2S2P2L2M3J2E2A3,GRF,CL5S,12,4,7,13,840,15,40,MNHVY,0.07818530000000,0.00000000020204
C2B1H2S2P3L1M1J1E1A1,GRF,CL5S,12,4,8,12,340,12,10,MEPDG,10.07269000000000,0.00000000053624
C2B1H2S2P3L1M1J1E1A2,GRF,CL5S,12,4,8,12,340,12,10,MNAVG,6.28934500000000,0.00000000002488
C2B1H2S2P3L1M1J1E1A3,GRF,CL5S,12,4,8,12,340,12,10,MNHVY,11.26949000000000,0.00000000035076
C2B1H2S2P3L1M1J1E2A1,GRF,CL5S,12,4,8,12,340,12,40,MEPDG,5.25299300000000,0.00000000029036
C2B1H2S2P3L1M1J1E2A2,GRF,CL5S,12,4,8,12,340,12,40,MNAVG,3.26673300000000,0.00000000001582
C2B1H2S2P3L1M1J1E2A3,GRF,CL5S,12,4,8,12,340,12,40,MNHVY,5.66790600000000,0.00000000022076
C2B1H2S2P3L1M1J2E1A1,GRF,CL5S,12,4,8,12,340,15,10,MEPDG,21.98607000000000,0.00000000364747
C2B1H2S2P3L1M1J2E1A2,GRF,CL5S,12,4,8,12,340,15,10,MNAVG,16.26472000000000,0.00000000034487
C2B1H2S2P3L1M1J2E1A3,GRF,CL5S,12,4,8,12,340,15,10,MNHVY,31.25198000000000,0.00000000452578
C2B1H2S2P3L1M1J2E2A1,GRF,CL5S,12,4,8,12,340,15,40,MEPDG,12.64115000000000,0.00000000211590
C2B1H2S2P3L1M1J2E2A2,GRF,CL5S,12,4,8,12,340,15,40,MNAVG,9.50219300000000,0.00000000022750
C2B1H2S2P3L1M1J2E2A3,GRF,CL5S,12,4,8,12,340,15,40,MNHVY,17.86923000000000,0.00000000288554
C2B1H2S2P3L1M2J1E1A1,GRF,CL5S,12,4,8,12,590,12,10,MEPDG,0.37187940000000,0.00000000447270
C2B1H2S2P3L1M2J1E1A2,GRF,CL5S,12,4,8,12,590,12,10,MNAVG,0.14137080000000,0.00000000025690
C2B1H2S2P3L1M2J1E1A3,GRF,CL5S,12,4,8,12,590,12,10,MNHVY,0.23484470000000,0.00000000379560
C2B1H2S2P3L1M2J1E2A1,GRF,CL5S,12,4,8,12,590,12,40,MEPDG,0.15207570000000,0.00001224901000
C2B1H2S2P3L1M2J1E2A2,GRF,CL5S,12,4,8,12,590,12,40,MNAVG,0.05952969000000,0.00000201304800
C2B1H2S2P3L1M2J1E2A3,GRF,CL5S,12,4,8,12,590,12,40,MNHVY,0.09013594000000,0.00002259564000
C2B1H2S2P3L1M2J2E1A1,GRF,CL5S,12,4,8,12,590,15,10,MEPDG,1.53501000000000,0.00000004395845
C2B1H2S2P3L1M2J2E1A2,GRF,CL5S,12,4,8,12,590,15,10,MNAVG,0.81182500000000,0.00000000426865
C2B1H2S2P3L1M2J2E1A3,GRF,CL5S,12,4,8,12,590,15,10,MNHVY,1.73085400000000,0.00000006048552
C2B1H2S2P3L1M2J2E2A1,GRF,CL5S,12,4,8,12,590,15,40,MEPDG,0.72579910000000,0.00000002019789
C2B1H2S2P3L1M2J2E2A2,GRF,CL5S,12,4,8,12,590,15,40,MNAVG,0.40347290000000,0.00000000205916
C2B1H2S2P3L1M2J2E2A3,GRF,CL5S,12,4,8,12,590,15,40,MNHVY,0.80486250000000,0.00000002866914
C2B1H2S2P3L1M3J1E1A1,GRF,CL5S,12,4,8,12,840,12,10,MEPDG,0.02244570000000,0.00003700292000
C2B1H2S2P3L1M3J1E1A2,GRF,CL5S,12,4,8,12,840,12,10,MNAVG,0.00606696000000,0.00000485284000
C2B1H2S2P3L1M3J1E1A3,GRF,CL5S,12,4,8,12,840,12,10,MNHVY,0.00831533700000,0.00005957287000
```

```
C2B1H2S2P3L1M3J1E2A1,GRF,CL5S,12,4,8,12,840,12,40,MEPDG,0.00741068900000,0.00003623118000
C2B1H2S2P3L1M3J1E2A2,GRF,CL5S,12,4,8,12,840,12,40,MNAVG,0.00218166900000,0.00000403882200
C2B1H2S2P3L1M3J1E2A3,GRF,CL5S,12,4,8,12,840,12,40,MNHVY,0.00263100400000,0.00005168339000
C2B1H2S2P3L1M3J2E1A1,GRF,CL5S,12,4,8,12,840,15,10,MEPDG,0.15122320000000,0.00002534411000
C2B1H2S2P3L1M3J2E1A2,GRF,CL5S,12,4,8,12,840,15,10,MNAVG,0.05536984000000,0.00000441193700
C2B1H2S2P3L1M3J2E1A3,GRF,CL5S,12,4,8,12,840,15,10,MNHVY,0.12782820000000,0.00004937584000
C2B1H2S2P3L1M3J2E2A1,GRF,CL5S,12,4,8,12,840,15,40,MEPDG,0.05886726000000,0.00004885213000
C2B1H2S2P3L1M3J2E2A2,GRF,CL5S,12,4,8,12,840,15,40,MNAVG,0.02329310000000,0.00000783027500
C2B1H2S2P3L1M3J2E2A3,GRF,CL5S,12,4,8,12,840,15,40,MNHVY,0.04726612000000,0.00009034361000
C2B1H2S2P3L2M1J1E1A1,GRF,CL5S,12,4,8,13,340,12,10,MEPDG,1.28848300000000,0.00000000013245
C2B1H2S2P3L2M1J1E1A2,GRF,CL5S,12,4,8,13,340,12,10,MNAVG,0.78468820000000,0.00000000000829
C2B1H2S2P3L2M1J1E1A3,GRF,CL5S,12,4,8,13,340,12,10,MNHVY,1.36124900000000,0.00000000011423
C2B1H2S2P3L2M1J1E2A1,GRF,CL5S,12,4,8,13,340,12,40,MEPDG,1.28848300000000,0.00000000013245
C2B1H2S2P3L2M1J1E2A2,GRF,CL5S,12,4,8,13,340,12,40,MNAVG,0.78468820000000,0.00000000000829
C2B1H2S2P3L2M1J1E2A3,GRF,CL5S,12,4,8,13,340,12,40,MNHVY,1.36124900000000,0.00000000011423
C2B1H2S2P3L2M1J2E1A1,GRF,CL5S,12,4,8,13,340,15,10,MEPDG,3.45220900000000,0.00000000122568
C2B1H2S2P3L2M1J2E1A2,GRF,CL5S,12,4,8,13,340,15,10,MNAVG,2.60815700000000,0.00000000014924
C2B1H2S2P3L2M1J2E1A3,GRF,CL5S,12,4,8,13,340,15,10,MNHVY,4.89700300000000,0.00000000182138
C2B1H2S2P3L2M1J2E2A1,GRF,CL5S,12,4,8,13,340,15,40,MEPDG,3.45220900000000,0.00000000122568
C2B1H2S2P3L2M1J2E2A2,GRF,CL5S,12,4,8,13,340,15,40,MNAVG,2.60815700000000,0.00000000014924
C2B1H2S2P3L2M1J2E2A3,GRF,CL5S,12,4,8,13,340,15,40,MNHVY,4.89700300000000,0.00000000182138
C2B1H2S2P3L2M2J1E1A1,GRF,CL5S,12,4,8,13,590,12,10,MEPDG,0.03307758000000,0.00000781186100
C2B1H2S2P3L2M2J1E1A2,GRF,CL5S,12,4,8,13,590,12,10,MNAVG,0.01277704000000,0.00000129563400
C2B1H2S2P3L2M2J1E1A3,GRF,CL5S,12,4,8,13,590,12,10,MNHVY,0.01900616000000,0.00001439884000
C2B1H2S2P3L2M2J1E2A1,GRF,CL5S,12,4,8,13,590,12,40,MEPDG,0.03307758000000,0.00000781186100
C2B1H2S2P3L2M2J1E2A2,GRF,CL5S,12,4,8,13,590,12,40,MNAVG,0.01277704000000,0.00000129563400
C2B1H2S2P3L2M2J1E2A3,GRF,CL5S,12,4,8,13,590,12,40,MNHVY,0.01900616000000,0.00001439884000
C2B1H2S2P3L2M2J2E1A1,GRF,CL5S,12,4,8,13,590,15,10,MEPDG,0.18004960000000,0.00000000841028
C2B1H2S2P3L2M2J2E1A2,GRF,CL5S,12,4,8,13,590,15,10,MNAVG,0.10064130000000,0.00000000090171
C2B1H2S2P3L2M2J2E1A3,GRF,CL5S,12,4,8,13,590,15,10,MNHVY,0.19920840000000,0.00000001236509
C2B1H2S2P3L2M2J2E2A1,GRF,CL5S,12,4,8,13,590,15,40,MEPDG,0.18004960000000,0.00000000841028
C2B1H2S2P3L2M2J2E2A2,GRF,CL5S,12,4,8,13,590,15,40,MNAVG,0.10064130000000,0.00000000090171
C2B1H2S2P3L2M2J2E2A3,GRF,CL5S,12,4,8,13,590,15,40,MNHVY,0.19920840000000,0.00000001236509
C2B1H2S2P3L2M3J1E1A1,GRF,CL5S,12,4,8,13,840,12,10,MEPDG,0.00146131500000,0.00001660842000
C2B1H2S2P3L2M3J1E1A2,GRF,CL5S,12,4,8,13,840,12,10,MNAVG,0.00043465930000,0.00000181181800
C2B1H2S2P3L2M3J1E1A3,GRF,CL5S,12,4,8,13,840,12,10,MNHVY,0.00050731500000,0.00002316996000
C2B1H2S2P3L2M3J1E2A1,GRF,CL5S,12,4,8,13,840,12,40,MEPDG,0.00146131500000,0.00001660842000
C2B1H2S2P3L2M3J1E2A2,GRF,CL5S,12,4,8,13,840,12,40,MNAVG,0.00043465930000,0.00000181181800
C2B1H2S2P3L2M3J1E2A3,GRF,CL5S,12,4,8,13,840,12,40,MNHVY,0.00050731500000,0.00002316996000
C2B1H2S2P3L2M3J2E1A1,GRF,CL5S,12,4,8,13,840,15,10,MEPDG,0.01332460000000,0.00002872152000
C2B1H2S2P3L2M3J2E1A2,GRF,CL5S,12,4,8,13,840,15,10,MNAVG,0.00527992300000,0.00000460245400
C2B1H2S2P3L2M3J2E1A3,GRF,CL5S,12,4,8,13,840,15,10,MNHVY,0.01066349000000,0.00005284353000
C2B1H2S2P3L2M3J2E2A1,GRF,CL5S,12,4,8,13,840,15,40,MEPDG,0.01332460000000,0.00002872152000
C2B1H2S2P3L2M3J2E2A2,GRF,CL5S,12,4,8,13,840,15,40,MNAVG,0.00527992300000,0.00000460245400
C2B1H2S2P3L2M3J2E2A3,GRF,CL5S,12,4,8,13,840,15,40,MNHVY,0.01066349000000,0.00005284353000
C2B1H2S2P4L1M1J1E1A1,GRF,CL5S,12,4,9,12,340,12,10,MEPDG,3.28156000000000,0.00000005764444
C2B1H2S2P4L1M1J1E1A2,GRF,CL5S,12,4,9,12,340,12,10,MNAVG,1.63527900000000,0.00000000349947
C2B1H2S2P4L1M1J1E1A3,GRF,CL5S,12,4,9,12,340,12,10,MNHVY,2.91229900000000,0.00000005022803
C2B1H2S2P4L1M1J1E2A1,GRF,CL5S,12,4,9,12,340,12,40,MEPDG,1.54557700000000,0.00017781960000
C2B1H2S2P4L1M1J1E2A2,GRF,CL5S,12,4,9,12,340,12,40,MNAVG,0.78040430000000,0.00003497989000
```

```
C2B1H2S2P4L1M1J1E2A3,GRF,CL5S,12,4,9,12,340,12,40,MNHVY,1.30180900000000,0.00036047890000
C2B1H2S2P4L1M1J2E1A1,GRF,CL5S,12,4,9,12,340,15,10,MEPDG,9.54045400000000,0.00000033584270
C2B1H2S2P4L1M1J2E1A2,GRF,CL5S,12,4,9,12,340,15,10,MNAVG,6.12242100000000,0.00000003564401
C2B1H2S2P4L1M1J2E1A3,GRF,CL5S,12,4,9,12,340,15,10,MNHVY,12.3732300000000,0.00000047417280
C2B1H2S2P4L1M1J2E2A1,GRF,CL5S,12,4,9,12,340,15,40,MEPDG,5.08984600000000,0.00000018584470
C2B1H2S2P4L1M1J2E2A2,GRF,CL5S,12,4,9,12,340,15,40,MNAVG,3.38683000000000,0.00000002136401
C2B1H2S2P4L1M1J2E2A3,GRF,CL5S,12,4,9,12,340,15,40,MNHVY,6.54214100000000,0.00000027660680
C2B1H2S2P4L1M2J1E1A1,GRF,CL5S,12,4,9,12,590,12,10,MEPDG,0.07031219000000,0.00021994260000
C2B1H2S2P4L1M2J1E1A2,GRF,CL5S,12,4,9,12,590,12,10,MNAVG,0.01982365000000,0.00003586076000
C2B1H2S2P4L1M2J1E1A3,GRF,CL5S,12,4,9,12,590,12,10,MNHVY,0.02930808000000,0.00041317550000
C2B1H2S2P4L1M2J1E2A1,GRF,CL5S,12,4,9,12,590,12,40,MEPDG,0.02484462000000,0.00018214860000
C2B1H2S2P4L1M2J1E2A2,GRF,CL5S,12,4,9,12,590,12,40,MNAVG,0.00754114700000,0.00002771745000
C2B1H2S2P4L1M2J1E2A3,GRF,CL5S,12,4,9,12,590,12,40,MNHVY,0.00982449400000,0.00032544930000
C2B1H2S2P4L1M2J2E1A1,GRF,CL5S,12,4,9,12,590,15,10,MEPDG,0.40559070000000,0.00042128090000
C2B1H2S2P4L1M2J2E1A2,GRF,CL5S,12,4,9,12,590,15,10,MNAVG,0.16347760000000,0.00008469621000
C2B1H2S2P4L1M2J2E1A3,GRF,CL5S,12,4,9,12,590,15,10,MNHVY,0.36248430000000,0.00087064350000
C2B1H2S2P4L1M2J2E2A1,GRF,CL5S,12,4,9,12,590,15,40,MEPDG,0.16965760000000,0.00028069940000
C2B1H2S2P4L1M2J2E2A2,GRF,CL5S,12,4,9,12,590,15,40,MNAVG,0.07359872000000,0.00005463022000
C2B1H2S2P4L1M2J2E2A3,GRF,CL5S,12,4,9,12,590,15,40,MNHVY,0.14709480000000,0.00056949160000
C2B1H2S2P4L1M3J1E1A1,GRF,CL5S,12,4,9,12,840,12,10,MEPDG,0.00280670200000,0.00006542644000
C2B1H2S2P4L1M3J1E1A2,GRF,CL5S,12,4,9,12,840,12,10,MNAVG,0.00063316840000,0.00000740628900
C2B1H2S2P4L1M3J1E1A3,GRF,CL5S,12,4,9,12,840,12,10,MNHVY,0.00069357240000,0.00009609359000
C2B1H2S2P4L1M3J1E2A1,GRF,CL5S,12,4,9,12,840,12,40,MEPDG,0.00077662510000,0.00004586112000
C2B1H2S2P4L1M3J1E2A2,GRF,CL5S,12,4,9,12,840,12,40,MNAVG,0.00020528770000,0.00000444240700
C2B1H2S2P4L1M3J1E2A3,GRF,CL5S,12,4,9,12,840,12,40,MNHVY,0.00019700590000,0.00005907068000
C2B1H2S2P4L1M3J2E1A1,GRF,CL5S,12,4,9,12,840,15,10,MEPDG,0.02502692000000,0.00030902410000
C2B1H2S2P4L1M3J2E1A2,GRF,CL5S,12,4,9,12,840,15,10,MNAVG,0.00651297200000,0.00004968928000
C2B1H2S2P4L1M3J2E1A3,GRF,CL5S,12,4,9,12,840,15,10,MNHVY,0.01429278000000,0.00058371960000
C2B1H2S2P4L1M3J2E2A1,GRF,CL5S,12,4,9,12,840,15,40,MEPDG,0.00842596400000,0.00023487290000
C2B1H2S2P4L1M3J2E2A2,GRF,CL5S,12,4,9,12,840,15,40,MNAVG,0.00245525700000,0.00003478048000
C2B1H2S2P4L1M3J2E2A3,GRF,CL5S,12,4,9,12,840,15,40,MNHVY,0.00461780700000,0.00041939370000
C2B1H2S2P4L2M1J1E1A1,GRF,CL5S,12,4,9,13,340,12,10,MEPDG,0.36146840000000,0.00010086470000
C2B1H2S2P4L2M1J1E1A2,GRF,CL5S,12,4,9,13,340,12,10,MNAVG,0.17903650000000,0.00002012750000
C2B1H2S2P4L2M1J1E1A3,GRF,CL5S,12,4,9,13,340,12,10,MNHVY,0.29560490000000,0.00020508630000
C2B1H2S2P4L2M1J1E2A1,GRF,CL5S,12,4,9,13,340,12,40,MEPDG,0.36146840000000,0.00010086470000
C2B1H2S2P4L2M1J1E2A2,GRF,CL5S,12,4,9,13,340,12,40,MNAVG,0.17903650000000,0.00002012750000
C2B1H2S2P4L2M1J1E2A3,GRF,CL5S,12,4,9,13,340,12,40,MNHVY,0.29560490000000,0.00020508630000
C2B1H2S2P4L2M1J2E1A1,GRF,CL5S,12,4,9,13,340,15,10,MEPDG,1.34934000000000,0.00000008824934
C2B1H2S2P4L2M1J2E1A2,GRF,CL5S,12,4,9,13,340,15,10,MNAVG,0.90466690000000,0.00000001088132
C2B1H2S2P4L2M1J2E1A3,GRF,CL5S,12,4,9,13,340,15,10,MNHVY,1.73671300000000,0.00000013735620
C2B1H2S2P4L2M1J2E2A1,GRF,CL5S,12,4,9,13,340,15,40,MEPDG,1.34934000000000,0.00000008824934
C2B1H2S2P4L2M1J2E2A2,GRF,CL5S,12,4,9,13,340,15,40,MNAVG,0.90466690000000,0.00000001088132
C2B1H2S2P4L2M1J2E2A3,GRF,CL5S,12,4,9,13,340,15,40,MNHVY,1.73671300000000,0.00000013735620
C2B1H2S2P4L2M2J1E1A1,GRF,CL5S,12,4,9,13,590,12,10,MEPDG,0.00505360500000,0.00008696159000
C2B1H2S2P4L2M2J1E1A2,GRF,CL5S,12,4,9,13,590,12,10,MNAVG,0.00154269400000,0.00001329759000
C2B1H2S2P4L2M2J1E1A3,GRF,CL5S,12,4,9,13,590,12,10,MNHVY,0.00194360800000,0.00015519740000
C2B1H2S2P4L2M2J1E2A1,GRF,CL5S,12,4,9,13,590,12,40,MEPDG,0.00505360500000,0.00008696159000
C2B1H2S2P4L2M2J1E2A2,GRF,CL5S,12,4,9,13,590,12,40,MNAVG,0.00154269400000,0.00001329759000
C2B1H2S2P4L2M2J1E2A3,GRF,CL5S,12,4,9,13,590,12,40,MNHVY,0.00194360800000,0.00015519740000
C2B1H2S2P4L2M2J2E1A1,GRF,CL5S,12,4,9,13,590,15,10,MEPDG,0.03973589000000,0.00015383900000
```

```
C2B1H2S2P4L2M2J2E1A2,GRF,CL5S,12,4,9,13,590,15,10,MNAVG,0.01740912000000,0.00003031759000
C2B1H2S2P4L2M2J2E1A3,GRF,CL5S,12,4,9,13,590,15,10,MNHVY,0.03458571000000,0.00031211930000
C2B1H2S2P4L2M2J2E2A1,GRF,CL5S,12,4,9,13,590,15,40,MEPDG,0.03973589000000,0.00015383900000
C2B1H2S2P4L2M2J2E2A2,GRF,CL5S,12,4,9,13,590,15,40,MNAVG,0.01740912000000,0.00003031759000
C2B1H2S2P4L2M2J2E2A3,GRF,CL5S,12,4,9,13,590,15,40,MNHVY,0.03458571000000,0.00031211930000
C2B1H2S2P4L2M3J1E1A1,GRF,CL5S,12,4,9,13,840,12,10,MEPDG,0.00014132290000,0.00001928833000
C2B1H2S2P4L2M3J1E1A2,GRF,CL5S,12,4,9,13,840,12,10,MNAVG,0.00003875297000,0.00000181405300
C2B1H2S2P4L2M3J1E1A3,GRF,CL5S,12,4,9,13,840,12,10,MNHVY,0.00003575087000,0.00002414068000
C2B1H2S2P4L2M3J1E2A1,GRF,CL5S,12,4,9,13,840,12,40,MEPDG,0.00014132290000,0.00001928833000
C2B1H2S2P4L2M3J1E2A2,GRF,CL5S,12,4,9,13,840,12,40,MNAVG,0.00003875297000,0.00000181405300
C2B1H2S2P4L2M3J1E2A3,GRF,CL5S,12,4,9,13,840,12,40,MNHVY,0.00003575087000,0.00002414068000
C2B1H2S2P4L2M3J2E1A1,GRF,CL5S,12,4,9,13,840,15,10,MEPDG,0.00174482400000,0.00012656270000
C2B1H2S2P4L2M3J2E1A2,GRF,CL5S,12,4,9,13,840,15,10,MNAVG,0.00051803790000,0.00001866398000
C2B1H2S2P4L2M3J2E1A3,GRF,CL5S,12,4,9,13,840,15,10,MNHVY,0.00092024850000,0.00022428200000
C2B1H2S2P4L2M3J2E2A1,GRF,CL5S,12,4,9,13,840,15,40,MEPDG,0.00174482400000,0.00012656270000
C2B1H2S2P4L2M3J2E2A2,GRF,CL5S,12,4,9,13,840,15,40,MNAVG,0.00051803790000,0.00001866398000
C2B1H2S2P4L2M3J2E2A3,GRF,CL5S,12,4,9,13,840,15,40,MNHVY,0.00092024850000,0.00022428200000
C2B1H2S2P5L1M1J1E1A1,GRF,CL5S,12,4,10,12,340,12,10,MEPDG,0.95745870000000,0.00226084600000
C2B1H2S2P5L1M1J1E1A2,GRF,CL5S,12,4,10,12,340,12,10,MNAVG,0.36677030000000,0.00041564930000
C2B1H2S2P5L1M1J1E1A3,GRF,CL5S,12,4,10,12,340,12,10,MNHVY,0.62938740000000,0.00459706200000
C2B1H2S2P5L1M1J1E2A1,GRF,CL5S,12,4,10,12,340,12,40,MEPDG,0.40473250000000,0.00172523200000
C2B1H2S2P5L1M1J1E2A2,GRF,CL5S,12,4,10,12,340,12,40,MNAVG,0.16033310000000,0.00031076890000
C2B1H2S2P5L1M1J1E2A3,GRF,CL5S,12,4,10,12,340,12,40,MNHVY,0.24931040000000,0.00344005000000
C2B1H2S2P5L1M1J2E1A1,GRF,CL5S,12,4,10,12,340,15,10,MEPDG,3.58450000000000,0.00500793000000
C2B1H2S2P5L1M1J2E1A2,GRF,CL5S,12,4,10,12,340,15,10,MNAVG,1.91375400000000,0.00108444100000
C2B1H2S2P5L1M1J2E1A3,GRF,CL5S,12,4,10,12,340,15,10,MNHVY,4.02454200000000,0.01054261000000
C2B1H2S2P5L1M1J2E2A1,GRF,CL5S,12,4,10,12,340,15,40,MEPDG,1.75398600000000,0.00364671700000
C2B1H2S2P5L1M1J2E2A2,GRF,CL5S,12,4,10,12,340,15,40,MNAVG,0.98925790000000,0.00078541860000
C2B1H2S2P5L1M1J2E2A3,GRF,CL5S,12,4,10,12,340,15,40,MNHVY,1.94016300000000,0.00761005900000
C2B1H2S2P5L1M2J1E1A1,GRF,CL5S,12,4,10,12,590,12,10,MEPDG,0.01225998000000,0.00048735130000
C2B1H2S2P5L1M2J1E1A2,GRF,CL5S,12,4,10,12,590,12,10,MNAVG,0.00279441700000,0.00006602172000
C2B1H2S2P5L1M2J1E1A3,GRF,CL5S,12,4,10,12,590,12,10,MNHVY,0.00349800900000,0.00084449720000
C2B1H2S2P5L1M2J1E2A1,GRF,CL5S,12,4,10,12,590,12,40,MEPDG,0.00373580900000,0.00033243860000
C2B1H2S2P5L1M2J1E2A2,GRF,CL5S,12,4,10,12,590,12,40,MNAVG,0.00097538870000,0.00004268271000
C2B1H2S2P5L1M2J1E2A3,GRF,CL5S,12,4,10,12,590,12,40,MNHVY,0.00106085700000,0.00054502250000
C2B1H2S2P5L1M2J2E1A1,GRF,CL5S,12,4,10,12,590,15,10,MEPDG,0.08694110000000,0.00177421700000
C2B1H2S2P5L1M2J2E1A2,GRF,CL5S,12,4,10,12,590,15,10,MNAVG,0.02584066000000,0.00032214880000
C2B1H2S2P5L1M2J2E1A3,GRF,CL5S,12,4,10,12,590,15,10,MNHVY,0.05553892000000,0.00359192000000
C2B1H2S2P5L1M2J2E2A1,GRF,CL5S,12,4,10,12,590,15,40,MEPDG,0.03197338000000,0.00129920600000
C2B1H2S2P5L1M2J2E2A2,GRF,CL5S,12,4,10,12,590,15,40,MNAVG,0.01052911000000,0.00023001490000
C2B1H2S2P5L1M2J2E2A3,GRF,CL5S,12,4,10,12,590,15,40,MNHVY,0.01991094000000,0.00257506500000
C2B1H2S2P5L1M3J1E1A1,GRF,CL5S,12,4,10,12,840,12,10,MEPDG,0.00035501440000,0.00004705012000
C2B1H2S2P5L1M3J1E1A2,GRF,CL5S,12,4,10,12,840,12,10,MNAVG,0.00007262429000,0.00000417365000
C2B1H2S2P5L1M3J1E1A3,GRF,CL5S,12,4,10,12,840,12,10,MNHVY,0.00006562927000,0.00005922000000
C2B1H2S2P5L1M3J1E2A1,GRF,CL5S,12,4,10,12,840,12,40,MEPDG,0.00008297360000,0.00003284950000
C2B1H2S2P5L1M3J1E2A2,GRF,CL5S,12,4,10,12,840,12,40,MNAVG,0.00002114784000,0.00000254257800
C2B1H2S2P5L1M3J1E2A3,GRF,CL5S,12,4,10,12,840,12,40,MNHVY,0.00001686953000,0.00003595139000
C2B1H2S2P5L1M3J2E1A1,GRF,CL5S,12,4,10,12,840,15,10,MEPDG,0.00335123100000,0.00040751000000
C2B1H2S2P5L1M3J2E1A2,GRF,CL5S,12,4,10,12,840,15,10,MNAVG,0.00065631920000,0.00005645290000
C2B1H2S2P5L1M3J2E1A3,GRF,CL5S,12,4,10,12,840,15,10,MNHVY,0.00117831200000,0.00071551780000
```

```
C2B1H2S2P5L1M3J2E2A1,GRF,CL5S,12,4,10,12,840,15,40,MEPDG,0.00096898000000,0.00026927940000
C2B1H2S2P5L1M3J2E2A2,GRF,CL5S,12,4,10,12,840,15,40,MNAVG,0.00022441030000,0.00003440376000
C2B1H2S2P5L1M3J2E2A3,GRF,CL5S,12,4,10,12,840,15,40,MNHVY,0.00033017880000,0.00044247830000
C2B1H2S2P5L2M1J1E1A1,GRF,CL5S,12,4,10,13,340,12,10,MEPDG,0.08987585000000,0.00104058900000
C2B1H2S2P5L2M1J1E1A2,GRF,CL5S,12,4,10,13,340,12,10,MNAVG,0.03515287000000,0.00018939750000
C2B1H2S2P5L2M1J1E1A3,GRF,CL5S,12,4,10,13,340,12,10,MNHVY,0.05344067000000,0.00208198800000
C2B1H2S2P5L2M1J1E2A1,GRF,CL5S,12,4,10,13,340,12,40,MEPDG,0.08987585000000,0.00104058900000
C2B1H2S2P5L2M1J1E2A2,GRF,CL5S,12,4,10,13,340,12,40,MNAVG,0.03515287000000,0.00018939750000
C2B1H2S2P5L2M1J1E2A3,GRF,CL5S,12,4,10,13,340,12,40,MNHVY,0.05344067000000,0.00208198800000
C2B1H2S2P5L2M1J2E1A1,GRF,CL5S,12,4,10,13,340,15,10,MEPDG,0.44464230000000,0.00221948400000
C2B1H2S2P5L2M1J2E1A2,GRF,CL5S,12,4,10,13,340,15,10,MNAVG,0.25298450000000,0.00048540670000
C2B1H2S2P5L2M1J2E1A3,GRF,CL5S,12,4,10,13,340,15,10,MNHVY,0.49023050000000,0.00462821700000
C2B1H2S2P5L2M1J2E2A1,GRF,CL5S,12,4,10,13,340,15,40,MEPDG,0.44464230000000,0.00221948400000
C2B1H2S2P5L2M1J2E2A2,GRF,CL5S,12,4,10,13,340,15,40,MNAVG,0.25298450000000,0.00048540670000
C2B1H2S2P5L2M1J2E2A3,GRF,CL5S,12,4,10,13,340,15,40,MNHVY,0.49023050000000,0.00462821700000
C2B1H2S2P5L2M2J1E1A1,GRF,CL5S,12,4,10,13,590,12,10,MEPDG,0.00071120280000,0.00014943590000
C2B1H2S2P5L2M2J1E1A2,GRF,CL5S,12,4,10,13,590,12,10,MNAVG,0.00019133060000,0.00001915374000
C2B1H2S2P5L2M2J1E1A3,GRF,CL5S,12,4,10,13,590,12,10,MNHVY,0.00019964570000,0.00024427220000
C2B1H2S2P5L2M2J1E2A1,GRF,CL5S,12,4,10,13,590,12,40,MEPDG,0.00071120280000,0.00014943590000
C2B1H2S2P5L2M2J1E2A2,GRF,CL5S,12,4,10,13,590,12,40,MNAVG,0.00019133060000,0.00001915374000
C2B1H2S2P5L2M2J1E2A3,GRF,CL5S,12,4,10,13,590,12,40,MNHVY,0.00019964570000,0.00024427220000
C2B1H2S2P5L2M2J2E1A1,GRF,CL5S,12,4,10,13,590,15,10,MEPDG,0.00697296200000,0.00072869840000
C2B1H2S2P5L2M2J2E1A2,GRF,CL5S,12,4,10,13,590,15,10,MNAVG,0.00232992300000,0.00013055070000
C2B1H2S2P5L2M2J2E1A3,GRF,CL5S,12,4,10,13,590,15,10,MNHVY,0.00428571500000,0.00144612900000
C2B1H2S2P5L2M2J2E2A1,GRF,CL5S,12,4,10,13,590,15,40,MEPDG,0.00697296200000,0.00072869840000
C2B1H2S2P5L2M2J2E2A2,GRF,CL5S,12,4,10,13,590,15,40,MNAVG,0.00232992300000,0.00013055070000
C2B1H2S2P5L2M2J2E2A3,GRF,CL5S,12,4,10,13,590,15,40,MNHVY,0.00428571500000,0.00144612900000
C2B1H2S2P5L2M3J1E1A1,GRF,CL5S,12,4,10,13,840,12,10,MEPDG,0.00001404535000,0.00001411599000
C2B1H2S2P5L2M3J1E1A2,GRF,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000378378900,0.00000105436200
C2B1H2S2P5L2M3J1E1A3,GRF,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000290584700,0.00001491867000
C2B1H2S2P5L2M3J1E2A1,GRF,CL5S,12,4,10,13,840,12,40,MEPDG,0.00001404535000,0.00001411599000
C2B1H2S2P5L2M3J1E2A2,GRF,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000378378900,0.00000105436200
C2B1H2S2P5L2M3J1E2A3,GRF,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000290584700,0.00001491867000
C2B1H2S2P5L2M3J2E1A1,GRF,CL5S,12,4,10,13,840,15,10,MEPDG,0.00018673320000,0.00013608740000
C2B1H2S2P5L2M3J2E1A2,GRF,CL5S,12,4,10,13,840,15,10,MNAVG,0.00004461956000,0.00001723687000
C2B1H2S2P5L2M3J2E1A3,GRF,CL5S,12,4,10,13,840,15,10,MNHVY,0.00006401372000,0.00022115600000
C2B1H2S2P5L2M3J2E2A1,GRF,CL5S,12,4,10,13,840,15,40,MEPDG,0.00018673320000,0.00013608740000
C2B1H2S2P5L2M3J2E2A2,GRF,CL5S,12,4,10,13,840,15,40,MNAVG,0.00004461956000,0.00001723687000
C2B1H2S2P5L2M3J2E2A3,GRF,CL5S,12,4,10,13,840,15,40,MNHVY,0.00006401372000,0.00022115600000
C2B1H2S2P6L1M1J1E1A1,GRF,CL5S,12,4,11,12,340,12,10,MEPDG,0.25315750000000,0.00581959100000
C2B1H2S2P6L1M1J1E1A2,GRF,CL5S,12,4,11,12,340,12,10,MNAVG,0.07431356000000,0.00093809390000
C2B1H2S2P6L1M1J1E1A3,GRF,CL5S,12,4,11,12,340,12,10,MNHVY,0.11753190000000,0.01140104000000
C2B1H2S2P6L1M1J1E2A1,GRF,CL5S,12,4,11,12,340,12,40,MEPDG,0.09556525000000,0.00392296700000
C2B1H2S2P6L1M1J1E2A2,GRF,CL5S,12,4,11,12,340,12,40,MNAVG,0.02986253000000,0.00062470910000
C2B1H2S2P6L1M1J1E2A3,GRF,CL5S,12,4,11,12,340,12,40,MNHVY,0.04156388000000,0.00753189500000
C2B1H2S2P6L1M1J2E1A1,GRF,CL5S,12,4,11,12,340,15,10,MEPDG,1.16324600000000,0.01352866000000
C2B1H2S2P6L1M1J2E1A2,GRF,CL5S,12,4,11,12,340,15,10,MNAVG,0.49713680000000,0.00270677700000
C2B1H2S2P6L1M1J2E1A3,GRF,CL5S,12,4,11,12,340,15,10,MNHVY,1.05939000000000,0.02837407000000
C2B1H2S2P6L1M1J2E2A1,GRF,CL5S,12,4,11,12,340,15,40,MEPDG,0.51711280000000,0.00988185300000
C2B1H2S2P6L1M1J2E2A2,GRF,CL5S,12,4,11,12,340,15,40,MNAVG,0.23759120000000,0.00198010800000
```

```
C2B1H2S2P6L1M1J2E2A3,GRF,CL5S,12,4,11,12,340,15,40,MNHVY,0.46037180000000,0.02054416000000
C2B1H2S2P6L1M2J1E1A1,GRF,CL5S,12,4,11,12,590,12,10,MEPDG,0.00213711600000,0.00045324040000
C2B1H2S2P6L1M2J1E1A2,GRF,CL5S,12,4,11,12,590,12,10,MNAVG,0.00043157850000,0.00004946718000
C2B1H2S2P6L1M2J1E1A3,GRF,CL5S,12,4,11,12,590,12,10,MNHVY,0.00045643670000,0.00069672550000
C2B1H2S2P6L1M2J1E2A1,GRF,CL5S,12,4,11,12,590,12,40,MEPDG,0.00056930360000,0.00030290390000
C2B1H2S2P6L1M2J1E2A2,GRF,CL5S,12,4,11,12,590,12,40,MNAVG,0.00013934150000,0.00003140030000
C2B1H2S2P6L1M2J1E2A3,GRF,CL5S,12,4,11,12,590,12,40,MNHVY,0.00012867030000,0.00043951340000
C2B1H2S2P6L1M2J2E1A1,GRF,CL5S,12,4,11,12,590,15,10,MEPDG,0.01559308000000,0.00273090800000
C2B1H2S2P6L1M2J2E1A2,GRF,CL5S,12,4,11,12,590,15,10,MNAVG,0.00348506300000,0.00042818600000
C2B1H2S2P6L1M2J2E1A3,GRF,CL5S,12,4,11,12,590,15,10,MNHVY,0.00655337700000,0.00526991100000
C2B1H2S2P6L1M2J2E2A1,GRF,CL5S,12,4,11,12,590,15,40,MEPDG,0.00504787500000,0.00180389900000
C2B1H2S2P6L1M2J2E2A2,GRF,CL5S,12,4,11,12,590,15,40,MNAVG,0.00129264500000,0.00027941870000
C2B1H2S2P6L1M2J2E2A3,GRF,CL5S,12,4,11,12,590,15,40,MNHVY,0.00205005300000,0.00340825600000
C2B1H2S2P6L1M3J1E1A1,GRF,CL5S,12,4,11,12,840,12,10,MEPDG,0.00004825884000,0.00002663114000
C2B1H2S2P6L1M3J1E1A2,GRF,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000874280000,0.00000193533200
C2B1H2S2P6L1M3J1E1A3,GRF,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000706284900,0.00002902604000
C2B1H2S2P6L1M3J1E2A1,GRF,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000998532000,0.00002052746000
C2B1H2S2P6L1M3J1E2A2,GRF,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000235473800,0.00000132249600
C2B1H2S2P6L1M3J1E2A3,GRF,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000169345500,0.00001968404000
C2B1H2S2P6L1M3J2E1A1,GRF,CL5S,12,4,11,12,840,15,10,MEPDG,0.00037123330000,0.00029600620000
C2B1H2S2P6L1M3J2E1A2,GRF,CL5S,12,4,11,12,840,15,10,MNAVG,0.00006113936000,0.00003413849000
C2B1H2S2P6L1M3J2E1A3,GRF,CL5S,12,4,11,12,840,15,10,MNHVY,0.00007934358000,0.00047023910000
C2B1H2S2P6L1M3J2E2A1,GRF,CL5S,12,4,11,12,840,15,40,MEPDG,0.00009160541000,0.00019841220000
C2B1H2S2P6L1M3J2E2A2,GRF,CL5S,12,4,11,12,840,15,40,MNAVG,0.00001878004000,0.00002140337000
C2B1H2S2P6L1M3J2E2A3,GRF,CL5S,12,4,11,12,840,15,40,MNHVY,0.00002075650000,0.00029400420000
C2B1H2S2P6L2M1J1E1A1,GRF,CL5S,12,4,11,13,340,12,10,MEPDG,0.02010713000000,0.00208533300000
C2B1H2S2P6L2M1J1E1A2,GRF,CL5S,12,4,11,13,340,12,10,MNAVG,0.00628836200000,0.00033439480000
C2B1H2S2P6L2M1J1E1A3,GRF,CL5S,12,4,11,13,340,12,10,MNHVY,0.00845038900000,0.00402026600000
C2B1H2S2P6L2M1J1E2A1,GRF,CL5S,12,4,11,13,340,12,40,MEPDG,0.02010713000000,0.00208533300000
C2B1H2S2P6L2M1J1E2A2,GRF,CL5S,12,4,11,13,340,12,40,MNAVG,0.00628836200000,0.00033439480000
C2B1H2S2P6L2M1J1E2A3,GRF,CL5S,12,4,11,13,340,12,40,MNHVY,0.00845038900000,0.00402026600000
C2B1H2S2P6L2M1J2E1A1,GRF,CL5S,12,4,11,13,340,15,10,MEPDG,0.12395010000000,0.00596300000000
C2B1H2S2P6L2M1J2E1A2,GRF,CL5S,12,4,11,13,340,15,10,MNAVG,0.05749977000000,0.00121058800000
C2B1H2S2P6L2M1J2E1A3,GRF,CL5S,12,4,11,13,340,15,10,MNHVY,0.10922610000000,0.01240942000000
C2B1H2S2P6L2M1J2E2A1,GRF,CL5S,12,4,11,13,340,15,40,MEPDG,0.12395010000000,0.00596300000000
C2B1H2S2P6L2M1J2E2A2,GRF,CL5S,12,4,11,13,340,15,40,MNAVG,0.05749977000000,0.00121058800000
C2B1H2S2P6L2M1J2E2A3,GRF,CL5S,12,4,11,13,340,15,40,MNHVY,0.10922610000000,0.01240942000000
C2B1H2S2P6L2M2J1E1A1,GRF,CL5S,12,4,11,13,590,12,10,MEPDG,0.00010195230000,0.00013778680000
C2B1H2S2P6L2M2J1E1A2,GRF,CL5S,12,4,11,13,590,12,10,MNAVG,0.00002620297000,0.00001422349000
C2B1H2S2P6L2M2J1E1A3,GRF,CL5S,12,4,11,13,590,12,10,MNHVY,0.00002319682000,0.00019895870000
C2B1H2S2P6L2M2J1E2A1,GRF,CL5S,12,4,11,13,590,12,40,MEPDG,0.00010195230000,0.00013778680000
C2B1H2S2P6L2M2J1E2A2,GRF,CL5S,12,4,11,13,590,12,40,MNAVG,0.00002620297000,0.00001422349000
C2B1H2S2P6L2M2J1E2A3,GRF,CL5S,12,4,11,13,590,12,40,MNHVY,0.00002319682000,0.00019895870000
C2B1H2S2P6L2M2J2E1A1,GRF,CL5S,12,4,11,13,590,15,10,MEPDG,0.00101291000000,0.00097199030000
C2B1H2S2P6L2M2J2E1A2,GRF,CL5S,12,4,11,13,590,15,10,MNAVG,0.00026495090000,0.00015176150000
C2B1H2S2P6L2M2J2E1A3,GRF,CL5S,12,4,11,13,590,15,10,MNHVY,0.00039818980000,0.00184108200000
C2B1H2S2P6L2M2J2E2A1,GRF,CL5S,12,4,11,13,590,15,40,MEPDG,0.00101291000000,0.00097199030000
C2B1H2S2P6L2M2J2E2A2,GRF,CL5S,12,4,11,13,590,15,40,MNAVG,0.00026495090000,0.00015176150000
C2B1H2S2P6L2M2J2E2A3,GRF,CL5S,12,4,11,13,590,15,40,MNHVY,0.00039818980000,0.00184108200000
C2B1H2S2P6L2M3J1E1A1,GRF,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000160579500,0.00000878719600
```

```
C2B1H2S2P6L2M3J1E1A2,GRF,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000040517240,0.00000054851630
C2B1H2S2P6L2M3J1E1A3,GRF,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000028117460,0.00000815277100
C2B1H2S2P6L2M3J1E2A1,GRF,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000160579500,0.00000878719600
C2B1H2S2P6L2M3J1E2A2,GRF,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000040517240,0.00000054851630
C2B1H2S2P6L2M3J1E2A3,GRF,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000028117460,0.00000815277100
C2B1H2S2P6L2M3J2E1A1,GRF,CL5S,12,4,11,13,840,15,10,MEPDG,0.00001629961000,0.00009925046000
C2B1H2S2P6L2M3J2E1A2,GRF,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000353489700,0.00001057696000
C2B1H2S2P6L2M3J2E1A3,GRF,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000372422900,0.00014515650000
C2B1H2S2P6L2M3J2E2A1,GRF,CL5S,12,4,11,13,840,15,40,MEPDG,0.00001629961000,0.00009925046000
C2B1H2S2P6L2M3J2E2A2,GRF,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000353489700,0.00001057696000
C2B1H2S2P6L2M3J2E2A3,GRF,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000372422900,0.00014515650000
C2B1H2S2P7L1M1J1E1A1,GRF,CL5S,12,4,12,12,340,12,10,MEPDG,0.06665404000000,0.00814632000000
C2B1H2S2P7L1M1J1E1A2,GRF,CL5S,12,4,12,12,340,12,10,MNAVG,0.01565847000000,0.00113578400000
C2B1H2S2P7L1M1J1E1A3,GRF,CL5S,12,4,12,12,340,12,10,MNHVY,0.02242490000000,0.01490209000000
C2B1H2S2P7L1M1J1E2A1,GRF,CL5S,12,4,12,12,340,12,40,MEPDG,0.02254036000000,0.00555614500000
C2B1H2S2P7L1M1J1E2A2,GRF,CL5S,12,4,12,12,340,12,40,MNAVG,0.00591659400000,0.00076796170000
C2B1H2S2P7L1M1J1E2A3,GRF,CL5S,12,4,12,12,340,12,40,MNHVY,0.00732297800000,0.00998529400000
C2B1H2S2P7L1M1J2E1A1,GRF,CL5S,12,4,12,12,340,15,10,MEPDG,0.34020970000000,0.02543812000000
C2B1H2S2P7L1M1J2E1A2,GRF,CL5S,12,4,12,12,340,15,10,MNAVG,0.11173020000000,0.00461743200000
C2B1H2S2P7L1M1J2E1A3,GRF,CL5S,12,4,12,12,340,15,10,MNHVY,0.23350980000000,0.05223423000000
C2B1H2S2P7L1M1J2E2A1,GRF,CL5S,12,4,12,12,340,15,40,MEPDG,0.13621430000000,0.01821530000000
C2B1H2S2P7L1M1J2E2A2,GRF,CL5S,12,4,12,12,340,15,40,MNAVG,0.04907362000000,0.00333272300000
C2B1H2S2P7L1M1J2E2A3,GRF,CL5S,12,4,12,12,340,15,40,MNHVY,0.09071369000000,0.03713437000000
C2B1H2S2P7L1M2J1E1A1,GRF,CL5S,12,4,12,12,590,12,10,MEPDG,0.00041321790000,0.00029486210000
C2B1H2S2P7L1M2J1E1A2,GRF,CL5S,12,4,12,12,590,12,10,MNAVG,0.00007426350000,0.00002712977000
C2B1H2S2P7L1M2J1E1A3,GRF,CL5S,12,4,12,12,590,12,10,MNHVY,0.00007134311000,0.00039963650000
C2B1H2S2P7L1M2J1E2A1,GRF,CL5S,12,4,12,12,590,12,40,MEPDG,0.00009849929000,0.00020259040000
C2B1H2S2P7L1M2J1E2A2,GRF,CL5S,12,4,12,12,590,12,40,MNAVG,0.00002244532000,0.00001780882000
C2B1H2S2P7L1M2J1E2A3,GRF,CL5S,12,4,12,12,590,12,40,MNHVY,0.00001887011000,0.00026120870000
C2B1H2S2P7L1M2J2E1A1,GRF,CL5S,12,4,12,12,590,15,10,MEPDG,0.00253137600000,0.00214758600000
C2B1H2S2P7L1M2J2E1A2,GRF,CL5S,12,4,12,12,590,15,10,MNAVG,0.00045166190000,0.00029490950000
C2B1H2S2P7L1M2J2E1A3,GRF,CL5S,12,4,12,12,590,15,10,MNHVY,0.00067881760000,0.00389048900000
C2B1H2S2P7L1M2J2E2A1,GRF,CL5S,12,4,12,12,590,15,40,MEPDG,0.00071225540000,0.00143535900000
C2B1H2S2P7L1M2J2E2A2,GRF,CL5S,12,4,12,12,590,15,40,MNAVG,0.00015325880000,0.00019560530000
C2B1H2S2P7L1M2J2E2A3,GRF,CL5S,12,4,12,12,590,15,40,MNHVY,0.00019347430000,0.00255231000000
C2B1H2S2P7L1M3J1E1A1,GRF,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000909677500,0.00001336633000
C2B1H2S2P7L1M3J1E1A2,GRF,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000130944100,0.00000082557390
C2B1H2S2P7L1M3J1E1A3,GRF,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000103515200,0.00001255929000
C2B1H2S2P7L1M3J1E2A1,GRF,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000191920300,0.00001075958000
C2B1H2S2P7L1M3J1E2A2,GRF,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000035702140,0.00000060305440
C2B1H2S2P7L1M3J1E2A3,GRF,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000025759920,0.00000911923500
C2B1H2S2P7L1M3J2E1A1,GRF,CL5S,12,4,12,12,840,15,10,MEPDG,0.00004415194000,0.00018299520000
C2B1H2S2P7L1M3J2E1A2,GRF,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000636613900,0.00001783335000
C2B1H2S2P7L1M3J2E1A3,GRF,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000664135000,0.00025906800000
C2B1H2S2P7L1M3J2E2A1,GRF,CL5S,12,4,12,12,840,15,40,MEPDG,0.00000983524500,0.00012257180000
C2B1H2S2P7L1M3J2E2A2,GRF,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000186722300,0.00001118325000
C2B1H2S2P7L1M3J2E2A3,GRF,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000167509600,0.00016155590000
C2B1H2S2P7L2M1J1E1A1,GRF,CL5S,12,4,12,13,340,12,10,MEPDG,0.00450897900000,0.00284627900000
C2B1H2S2P7L2M1J1E1A2,GRF,CL5S,12,4,12,13,340,12,10,MNAVG,0.00120886900000,0.00039661470000
C2B1H2S2P7L2M1J1E1A3,GRF,CL5S,12,4,12,13,340,12,10,MNHVY,0.00143125400000,0.00513819000000
```

```
C2B1H2S2P7L2M1J1E2A1,GRF,CL5S,12,4,12,13,340,12,40,MEPDG,0.00450897900000,0.00284627900000
C2B1H2S2P7L2M1J1E2A2,GRF,CL5S,12,4,12,13,340,12,40,MNAVG,0.00120886900000,0.00039661470000
C2B1H2S2P7L2M1J1E2A3,GRF,CL5S,12,4,12,13,340,12,40,MNHVY,0.00143125400000,0.00513819000000
C2B1H2S2P7L2M1J2E1A1,GRF,CL5S,12,4,12,13,340,15,10,MEPDG,0.03074634000000,0.01080500000000
C2B1H2S2P7L2M1J2E1A2,GRF,CL5S,12,4,12,13,340,15,10,MNAVG,0.01122712000000,0.00200117700000
C2B1H2S2P7L2M1J2E1A3,GRF,CL5S,12,4,12,13,340,15,10,MNHVY,0.02013978000000,0.02209086000000
C2B1H2S2P7L2M1J2E2A1,GRF,CL5S,12,4,12,13,340,15,40,MEPDG,0.03074634000000,0.01080500000000
C2B1H2S2P7L2M1J2E2A2,GRF,CL5S,12,4,12,13,340,15,40,MNAVG,0.01122712000000,0.00200117700000
C2B1H2S2P7L2M1J2E2A3,GRF,CL5S,12,4,12,13,340,15,40,MNHVY,0.02013978000000,0.02209086000000
C2B1H2S2P7L2M2J1E1A1,GRF,CL5S,12,4,12,13,590,12,10,MEPDG,0.00001696333000,0.00009379231000
C2B1H2S2P7L2M2J1E1A2,GRF,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000411025900,0.00000821697100
C2B1H2S2P7L2M2J1E1A3,GRF,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000332351200,0.00012040190000
C2B1H2S2P7L2M2J1E2A1,GRF,CL5S,12,4,12,13,590,12,40,MEPDG,0.00001696333000,0.00009379231000
C2B1H2S2P7L2M2J1E2A2,GRF,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000411025900,0.00000821697100
C2B1H2S2P7L2M2J1E2A3,GRF,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000332351200,0.00012040190000
C2B1H2S2P7L2M2J2E1A1,GRF,CL5S,12,4,12,13,590,15,10,MEPDG,0.00013439780000,0.00076958260000
C2B1H2S2P7L2M2J2E1A2,GRF,CL5S,12,4,12,13,590,15,10,MNAVG,0.00003029205000,0.00010588910000
C2B1H2S2P7L2M2J2E1A3,GRF,CL5S,12,4,12,13,590,15,10,MNHVY,0.00003641328000,0.00137456000000
C2B1H2S2P7L2M2J2E2A1,GRF,CL5S,12,4,12,13,590,15,40,MEPDG,0.00013439780000,0.00076958260000
C2B1H2S2P7L2M2J2E2A2,GRF,CL5S,12,4,12,13,590,15,40,MNAVG,0.00003029205000,0.00010588910000
C2B1H2S2P7L2M2J2E2A3,GRF,CL5S,12,4,12,13,590,15,40,MNHVY,0.00003641328000,0.00137456000000
C2B1H2S2P7L2M3J1E1A1,GRF,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000031002050,0.00000455761300
C2B1H2S2P7L2M3J1E1A2,GRF,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000006184566,0.00000024877350
C2B1H2S2P7L2M3J1E1A3,GRF,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000004292587,0.00000375372100
C2B1H2S2P7L2M3J1E2A1,GRF,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000031002050,0.00000455761300
C2B1H2S2P7L2M3J1E2A2,GRF,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000006184566,0.00000024877350
C2B1H2S2P7L2M3J1E2A3,GRF,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000004292587,0.00000375372100
C2B1H2S2P7L2M3J2E1A1,GRF,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000167392600,0.00006365112000
C2B1H2S2P7L2M3J2E1A2,GRF,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000034073900,0.00000572878300
C2B1H2S2P7L2M3J2E1A3,GRF,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000029463560,0.00008266306000
C2B1H2S2P7L2M3J2E2A1,GRF,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000167392600,0.00006365112000
C2B1H2S2P7L2M3J2E2A2,GRF,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000034073900,0.00000572878300
C2B1H2S2P7L2M3J2E2A3,GRF,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000029463560,0.00008266306000
C2B2H1S1P1L1M1J1E1A1,GRF,CL5Q,4,12,6,12,340,12,10,MEPDG,110.64600000000000,1.66406500000000
C2B2H1S1P1L1M1J1E1A2,GRF,CL5Q,4,12,6,12,340,12,10,MNAVG,89.96497000000000,0.22189460000000
C2B2H1S1P1L1M1J1E1A3,GRF,CL5Q,4,12,6,12,340,12,10,MNHVY,156.51230000000000,2.50881500000000
C2B2H1S1P1L1M1J1E2A1,GRF,CL5Q,4,12,6,12,340,12,40,MEPDG,67.66936000000000,0.96539530000000
C2B2H1S1P1L1M1J1E2A2,GRF,CL5Q,4,12,6,12,340,12,40,MNAVG,51.48542000000000,0.12366560000000
C2B2H1S1P1L1M1J1E2A3,GRF,CL5Q,4,12,6,12,340,12,40,MNHVY,92.15949000000000,1.41799700000000
C2B2H1S1P1L1M1J2E1A1,GRF,CL5Q,4,12,6,12,340,15,10,MEPDG,128.71090000000000,1.67392100000000
C2B2H1S1P1L1M1J2E1A2,GRF,CL5Q,4,12,6,12,340,15,10,MNAVG,107.24490000000000,0.30865320000000
C2B2H1S1P1L1M1J2E1A3,GRF,CL5Q,4,12,6,12,340,15,10,MNHVY,189.08260000000000,3.02595400000000
C2B2H1S1P1L1M1J2E2A1,GRF,CL5Q,4,12,6,12,340,15,40,MEPDG,80.15931000000000,0.98313670000000
C2B2H1S1P1L1M1J2E2A2,GRF,CL5Q,4,12,6,12,340,15,40,MNAVG,62.90115000000000,0.18098520000000
C2B2H1S1P1L1M1J2E2A3,GRF,CL5Q,4,12,6,12,340,15,40,MNHVY,114.23840000000000,1.77821600000000
C2B2H1S1P1L1M2J1E1A1,GRF,CL5Q,4,12,6,12,590,12,10,MEPDG,8.28070300000000,0.17975760000000
C2B2H1S1P1L1M2J1E1A2,GRF,CL5Q,4,12,6,12,590,12,10,MNAVG,5.35269100000000,0.02324150000000
C2B2H1S1P1L1M2J1E1A3,GRF,CL5Q,4,12,6,12,590,12,10,MNHVY,8.56918200000000,0.25782240000000
C2B2H1S1P1L1M2J1E2A1,GRF,CL5Q,4,12,6,12,590,12,40,MEPDG,4.38668700000000,0.09364276000000
C2B2H1S1P1L1M2J1E2A2,GRF,CL5Q,4,12,6,12,590,12,40,MNAVG,2.69745100000000,0.01079761000000
```

```
C2B2H1S1P1L1M2J1E2A3,GRF,CL5Q,4,12,6,12,590,12,40,MNHVY,4.30850600000000,0.12445780000000
C2B2H1S1P1L1M2J2E1A1,GRF,CL5Q,4,12,6,12,590,15,10,MEPDG,12.97923000000000,0.40686020000000
C2B2H1S1P1L1M2J2E1A2,GRF,CL5Q,4,12,6,12,590,15,10,MNAVG,9.36847200000000,0.07595236000000
C2B2H1S1P1L1M2J2E1A3,GRF,CL5Q,4,12,6,12,590,15,10,MNHVY,15.97502000000000,0.73270210000000
C2B2H1S1P1L1M2J2E2A1,GRF,CL5Q,4,12,6,12,590,15,40,MEPDG,7.29890400000000,0.20972600000000
C2B2H1S1P1L1M2J2E2A2,GRF,CL5Q,4,12,6,12,590,15,40,MNAVG,5.11424500000000,0.03749507000000
C2B2H1S1P1L1M2J2E2A3,GRF,CL5Q,4,12,6,12,590,15,40,MNHVY,8.77553400000000,0.37165350000000
C2B2H1S1P1L1M3J1E1A1,GRF,CL5Q,4,12,6,12,840,12,10,MEPDG,0.96329030000000,0.02226714000000
C2B2H1S1P1L1M3J1E1A2,GRF,CL5Q,4,12,6,12,840,12,10,MNAVG,0.47370060000000,0.00231666400000
C2B2H1S1P1L1M3J1E1A3,GRF,CL5Q,4,12,6,12,840,12,10,MNHVY,0.70651170000000,0.02787352000000
C2B2H1S1P1L1M3J1E2A1,GRF,CL5Q,4,12,6,12,840,12,40,MEPDG,0.44188290000000,0.01075754000000
C2B2H1S1P1L1M3J1E2A2,GRF,CL5Q,4,12,6,12,840,12,40,MNAVG,0.21067480000000,0.00093864850000
C2B2H1S1P1L1M3J1E2A3,GRF,CL5Q,4,12,6,12,840,12,40,MNHVY,0.30281400000000,0.01168024000000
C2B2H1S1P1L1M3J2E1A1,GRF,CL5Q,4,12,6,12,840,15,10,MEPDG,2.07003900000000,0.08569609000000
C2B2H1S1P1L1M3J2E1A2,GRF,CL5Q,4,12,6,12,840,15,10,MNAVG,1.26967700000000,0.01459406000000
C2B2H1S1P1L1M3J2E1A3,GRF,CL5Q,4,12,6,12,840,15,10,MNHVY,2.18534600000000,0.14917210000000
C2B2H1S1P1L1M3J2E2A1,GRF,CL5Q,4,12,6,12,840,15,40,MEPDG,1.04027600000000,0.03879048000000
C2B2H1S1P1L1M3J2E2A2,GRF,CL5Q,4,12,6,12,840,15,40,MNAVG,0.63483350000000,0.00606259400000
C2B2H1S1P1L1M3J2E2A3,GRF,CL5Q,4,12,6,12,840,15,40,MNHVY,1.07105000000000,0.06455873000000
C2B2H1S1P1L2M1J1E1A1,GRF,CL5Q,4,12,6,13,340,12,10,MEPDG,17.11624000000000,0.36729510000000
C2B2H1S1P1L2M1J1E1A2,GRF,CL5Q,4,12,6,13,340,12,10,MNAVG,12.45368000000000,0.05011063000000
C2B2H1S1P1L2M1J1E1A3,GRF,CL5Q,4,12,6,13,340,12,10,MNHVY,22.58477000000000,0.55327870000000
C2B2H1S1P1L2M1J1E2A1,GRF,CL5Q,4,12,6,13,340,12,40,MEPDG,17.11624000000000,0.36729510000000
C2B2H1S1P1L2M1J1E2A2,GRF,CL5Q,4,12,6,13,340,12,40,MNAVG,12.45368000000000,0.05011063000000
C2B2H1S1P1L2M1J1E2A3,GRF,CL5Q,4,12,6,13,340,12,40,MNHVY,22.58477000000000,0.55327870000000
C2B2H1S1P1L2M1J2E1A1,GRF,CL5Q,4,12,6,13,340,15,10,MEPDG,20.62707000000000,0.44633140000000
C2B2H1S1P1L2M1J2E1A2,GRF,CL5Q,4,12,6,13,340,15,10,MNAVG,15.57668000000000,0.08695910000000
C2B2H1S1P1L2M1J2E1A3,GRF,CL5Q,4,12,6,13,340,15,10,MNHVY,28.62090000000000,0.81712090000000
C2B2H1S1P1L2M1J2E2A1,GRF,CL5Q,4,12,6,13,340,15,40,MEPDG,20.62707000000000,0.44633140000000
C2B2H1S1P1L2M1J2E2A2,GRF,CL5Q,4,12,6,13,340,15,40,MNAVG,15.57668000000000,0.08695910000000
C2B2H1S1P1L2M1J2E2A3,GRF,CL5Q,4,12,6,13,340,15,40,MNHVY,28.62090000000000,0.81712090000000
C2B2H1S1P1L2M2J1E1A1,GRF,CL5Q,4,12,6,13,590,12,10,MEPDG,1.04441400000000,0.03400660000000
C2B2H1S1P1L2M2J1E1A2,GRF,CL5Q,4,12,6,13,590,12,10,MNAVG,0.61678830000000,0.00407169800000
C2B2H1S1P1L2M2J1E1A3,GRF,CL5Q,4,12,6,13,590,12,10,MNHVY,0.99535000000000,0.04626272000000
C2B2H1S1P1L2M2J1E2A1,GRF,CL5Q,4,12,6,13,590,12,40,MEPDG,1.04441400000000,0.03400660000000
C2B2H1S1P1L2M2J1E2A2,GRF,CL5Q,4,12,6,13,590,12,40,MNAVG,0.61678830000000,0.00407169800000
C2B2H1S1P1L2M2J1E2A3,GRF,CL5Q,4,12,6,13,590,12,40,MNHVY,0.99535000000000,0.04626272000000
C2B2H1S1P1L2M2J2E1A1,GRF,CL5Q,4,12,6,13,590,15,10,MEPDG,1.82881500000000,0.09307814000000
C2B2H1S1P1L2M2J2E1A2,GRF,CL5Q,4,12,6,13,590,15,10,MNAVG,1.25515100000000,0.01740607000000
C2B2H1S1P1L2M2J2E1A3,GRF,CL5Q,4,12,6,13,590,15,10,MNHVY,2.17535900000000,0.16764390000000
C2B2H1S1P1L2M2J2E2A1,GRF,CL5Q,4,12,6,13,590,15,40,MEPDG,1.82881500000000,0.09307814000000
C2B2H1S1P1L2M2J2E2A2,GRF,CL5Q,4,12,6,13,590,15,40,MNAVG,1.25515100000000,0.01740607000000
C2B2H1S1P1L2M2J2E2A3,GRF,CL5Q,4,12,6,13,590,15,40,MNHVY,2.17535900000000,0.16764390000000
C2B2H1S1P1L2M3J1E1A1,GRF,CL5Q,4,12,6,13,840,12,10,MEPDG,0.09862014000000,0.00362384800000
C2B2H1S1P1L2M3J1E1A2,GRF,CL5Q,4,12,6,13,840,12,10,MNAVG,0.04540753000000,0.00031507140000
C2B2H1S1P1L2M3J1E1A3,GRF,CL5Q,4,12,6,13,840,12,10,MNHVY,0.06533839000000,0.00392494000000
C2B2H1S1P1L2M3J1E2A1,GRF,CL5Q,4,12,6,13,840,12,40,MEPDG,0.09862014000000,0.00362384800000
C2B2H1S1P1L2M3J1E2A2,GRF,CL5Q,4,12,6,13,840,12,40,MNAVG,0.04540753000000,0.00031507140000
C2B2H1S1P1L2M3J1E2A3,GRF,CL5Q,4,12,6,13,840,12,40,MNHVY,0.06533839000000,0.00392494000000
C2B2H1S1P1L2M3J2E1A1,GRF,CL5Q,4,12,6,13,840,15,10,MEPDG,0.24979330000000,0.01574779000000
```

```
C2B2H1S1P1L2M3J2E1A2,GRF,CL5Q,4,12,6,13,840,15,10,MNAVG,0.15054230000000,0.00252208400000
C2B2H1S1P1L2M3J2E1A3,GRF,CL5Q,4,12,6,13,840,15,10,MNHVY,0.25581530000000,0.02657414000000
C2B2H1S1P1L2M3J2E2A1,GRF,CL5Q,4,12,6,13,840,15,40,MEPDG,0.24979330000000,0.01574779000000
C2B2H1S1P1L2M3J2E2A2,GRF,CL5Q,4,12,6,13,840,15,40,MNAVG,0.15054230000000,0.00252208400000
C2B2H1S1P1L2M3J2E2A3,GRF,CL5Q,4,12,6,13,840,15,40,MNHVY,0.25581530000000,0.02657414000000
C2B2H1S1P2L1M1J1E1A1,GRF,CL5Q,4,12,7,12,340,12,10,MEPDG,43.45058000000000,1.23892600000000
C2B2H1S1P2L1M1J1E1A2,GRF,CL5Q,4,12,7,12,340,12,10,MNAVG,32.67831000000000,0.19189100000000
C2B2H1S1P2L1M1J1E1A3,GRF,CL5Q,4,12,7,12,340,12,10,MNHVY,56.16260000000000,2.04542400000000
C2B2H1S1P2L1M1J1E2A1,GRF,CL5Q,4,12,7,12,340,12,40,MEPDG,25.05956000000000,0.70327620000000
C2B2H1S1P2L1M1J1E2A2,GRF,CL5Q,4,12,7,12,340,12,40,MNAVG,18.04740000000000,0.10250550000000
C2B2H1S1P2L1M1J1E2A3,GRF,CL5Q,4,12,7,12,340,12,40,MNHVY,31.17266000000000,1.11867300000000
C2B2H1S1P2L1M1J2E1A1,GRF,CL5Q,4,12,7,12,340,15,10,MEPDG,63.97026000000000,1.99095400000000
C2B2H1S1P2L1M1J2E1A2,GRF,CL5Q,4,12,7,12,340,15,10,MNAVG,51.89604000000000,0.39929630000000
C2B2H1S1P2L1M1J2E1A3,GRF,CL5Q,4,12,7,12,340,15,10,MNHVY,92.46210000000000,3.75544400000000
C2B2H1S1P2L1M1J2E2A1,GRF,CL5Q,4,12,7,12,340,15,40,MEPDG,38.81113000000000,1.16720400000000
C2B2H1S1P2L1M1J2E2A2,GRF,CL5Q,4,12,7,12,340,15,40,MNAVG,30.61525000000000,0.23136870000000
C2B2H1S1P2L1M1J2E2A3,GRF,CL5Q,4,12,7,12,340,15,40,MNHVY,55.07063000000000,2.19009600000000
C2B2H1S1P2L1M2J1E1A1,GRF,CL5Q,4,12,7,12,590,12,10,MEPDG,2.06917000000000,0.08490498000000
C2B2H1S1P2L1M2J1E1A2,GRF,CL5Q,4,12,7,12,590,12,10,MNAVG,1.05834400000000,0.01148030000000
C2B2H1S1P2L1M2J1E1A3,GRF,CL5Q,4,12,7,12,590,12,10,MNHVY,1.68146100000000,0.13059490000000
C2B2H1S1P2L1M2J1E2A1,GRF,CL5Q,4,12,7,12,590,12,40,MEPDG,0.97101410000000,0.04342138000000
C2B2H1S1P2L1M2J1E2A2,GRF,CL5Q,4,12,7,12,590,12,40,MNAVG,0.48678510000000,0.00529142200000
C2B2H1S1P2L1M2J1E2A3,GRF,CL5Q,4,12,7,12,590,12,40,MNHVY,0.73874030000000,0.06156624000000
C2B2H1S1P2L1M2J2E1A1,GRF,CL5Q,4,12,7,12,590,15,10,MEPDG,4.86100100000000,0.29532120000000
C2B2H1S1P2L1M2J2E1A2,GRF,CL5Q,4,12,7,12,590,15,10,MNAVG,3.10611000000000,0.05719981000000
C2B2H1S1P2L1M2J2E1A3,GRF,CL5Q,4,12,7,12,590,15,10,MNHVY,5.64121000000000,0.55398010000000
C2B2H1S1P2L1M2J2E2A1,GRF,CL5Q,4,12,7,12,590,15,40,MEPDG,2.52037300000000,0.15019100000000
C2B2H1S1P2L1M2J2E2A2,GRF,CL5Q,4,12,7,12,590,15,40,MNAVG,1.62142200000000,0.02790842000000
C2B2H1S1P2L1M2J2E2A3,GRF,CL5Q,4,12,7,12,590,15,40,MNHVY,2.86336500000000,0.27590050000000
C2B2H1S1P2L1M3J1E1A1,GRF,CL5Q,4,12,7,12,840,12,10,MEPDG,0.16666600000000,0.00647021600000
C2B2H1S1P2L1M3J1E1A2,GRF,CL5Q,4,12,7,12,840,12,10,MNAVG,0.06005126000000,0.00066945070000
C2B2H1S1P2L1M3J1E1A3,GRF,CL5Q,4,12,7,12,840,12,10,MNHVY,0.08529802000000,0.00834778700000
C2B2H1S1P2L1M3J1E2A1,GRF,CL5Q,4,12,7,12,840,12,40,MEPDG,0.06515349000000,0.00308162900000
C2B2H1S1P2L1M3J1E2A2,GRF,CL5Q,4,12,7,12,840,12,40,MNAVG,0.02379271000000,0.00026688520000
C2B2H1S1P2L1M3J1E2A3,GRF,CL5Q,4,12,7,12,840,12,40,MNHVY,0.03101912000000,0.00343875700000
C2B2H1S1P2L1M3J2E1A1,GRF,CL5Q,4,12,7,12,840,15,10,MEPDG,0.61708380000000,0.03828507000000
C2B2H1S1P2L1M3J2E1A2,GRF,CL5Q,4,12,7,12,840,15,10,MNAVG,0.30867900000000,0.00643269300000
C2B2H1S1P2L1M3J2E1A3,GRF,CL5Q,4,12,7,12,840,15,10,MNHVY,0.59021190000000,0.06861763000000
C2B2H1S1P2L1M3J2E2A1,GRF,CL5Q,4,12,7,12,840,15,40,MEPDG,0.27458440000000,0.01731345000000
C2B2H1S1P2L1M3J2E2A2,GRF,CL5Q,4,12,7,12,840,15,40,MNAVG,0.14179000000000,0.00269876000000
C2B2H1S1P2L1M3J2E2A3,GRF,CL5Q,4,12,7,12,840,15,40,MNHVY,0.25383480000000,0.02952793000000
C2B2H1S1P2L2M1J1E1A1,GRF,CL5Q,4,12,7,13,340,12,10,MEPDG,6.28269400000000,0.28483640000000
C2B2H1S1P2L2M1J1E1A2,GRF,CL5Q,4,12,7,13,340,12,10,MNAVG,4.36723400000000,0.04385238000000
C2B2H1S1P2L2M1J1E1A3,GRF,CL5Q,4,12,7,13,340,12,10,MNHVY,7.60333500000000,0.46485620000000
C2B2H1S1P2L2M1J1E2A1,GRF,CL5Q,4,12,7,13,340,12,40,MEPDG,6.28269400000000,0.28483640000000
C2B2H1S1P2L2M1J1E2A2,GRF,CL5Q,4,12,7,13,340,12,40,MNAVG,4.36723400000000,0.04385238000000
C2B2H1S1P2L2M1J1E2A3,GRF,CL5Q,4,12,7,13,340,12,40,MNHVY,7.60333500000000,0.46485620000000
C2B2H1S1P2L2M1J2E1A1,GRF,CL5Q,4,12,7,13,340,15,10,MEPDG,10.26041000000000,0.56886800000000
C2B2H1S1P2L2M1J2E1A2,GRF,CL5Q,4,12,7,13,340,15,10,MNAVG,7.95607700000000,0.11849420000000
C2B2H1S1P2L2M1J2E1A3,GRF,CL5Q,4,12,7,13,340,15,10,MNHVY,14.38755000000000,1.07828500000000
```

```
C2B2H1S1P2L2M1J2E2A1,GRF,CL5Q,4,12,7,13,340,15,40,MEPDG,10.26041000000000,0.56886800000000
C2B2H1S1P2L2M1J2E2A2,GRF,CL5Q,4,12,7,13,340,15,40,MNAVG,7.95607700000000,0.11849420000000
C2B2H1S1P2L2M1J2E2A3,GRF,CL5Q,4,12,7,13,340,15,40,MNHVY,14.38755000000000,1.07828500000000
C2B2H1S1P2L2M2J1E1A1,GRF,CL5Q,4,12,7,13,590,12,10,MEPDG,0.22130400000000,0.01624871000000
C2B2H1S1P2L2M2J1E1A2,GRF,CL5Q,4,12,7,13,590,12,10,MNAVG,0.10751190000000,0.00204008400000
C2B2H1S1P2L2M2J1E1A3,GRF,CL5Q,4,12,7,13,590,12,10,MNHVY,0.16272700000000,0.02349021000000
C2B2H1S1P2L2M2J1E2A1,GRF,CL5Q,4,12,7,13,590,12,40,MEPDG,0.22130400000000,0.01624871000000
C2B2H1S1P2L2M2J1E2A2,GRF,CL5Q,4,12,7,13,590,12,40,MNAVG,0.10751190000000,0.00204008400000
C2B2H1S1P2L2M2J1E2A3,GRF,CL5Q,4,12,7,13,590,12,40,MNHVY,0.16272700000000,0.02349021000000
C2B2H1S1P2L2M2J2E1A1,GRF,CL5Q,4,12,7,13,590,15,10,MEPDG,0.62636160000000,0.06824817000000
C2B2H1S1P2L2M2J2E1A2,GRF,CL5Q,4,12,7,13,590,15,10,MNAVG,0.40038150000000,0.01304940000000
C2B2H1S1P2L2M2J2E1A3,GRF,CL5Q,4,12,7,13,590,15,10,MNHVY,0.70827170000000,0.12707110000000
C2B2H1S1P2L2M2J2E2A1,GRF,CL5Q,4,12,7,13,590,15,40,MEPDG,0.62636160000000,0.06824817000000
C2B2H1S1P2L2M2J2E2A2,GRF,CL5Q,4,12,7,13,590,15,40,MNAVG,0.40038150000000,0.01304940000000
C2B2H1S1P2L2M2J2E2A3,GRF,CL5Q,4,12,7,13,590,15,40,MNHVY,0.70827170000000,0.12707110000000
C2B2H1S1P2L2M3J1E1A1,GRF,CL5Q,4,12,7,13,840,12,10,MEPDG,0.01365510000000,0.00106210700000
C2B2H1S1P2L2M3J1E1A2,GRF,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00490617500000,0.00009167867000
C2B2H1S1P2L2M3J1E1A3,GRF,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00627900700000,0.00117819200000
C2B2H1S1P2L2M3J1E2A1,GRF,CL5Q,4,12,7,13,840,12,40,MEPDG,0.01365510000000,0.00106210700000
C2B2H1S1P2L2M3J1E2A2,GRF,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00490617500000,0.00009167867000
C2B2H1S1P2L2M3J1E2A3,GRF,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00627900700000,0.00117819200000
C2B2H1S1P2L2M3J2E1A1,GRF,CL5Q,4,12,7,13,840,15,10,MEPDG,0.06391249000000,0.00715112000000
C2B2H1S1P2L2M3J2E1A2,GRF,CL5Q,4,12,7,13,840,15,10,MNAVG,0.03290638000000,0.00112659400000
C2B2H1S1P2L2M3J2E1A3,GRF,CL5Q,4,12,7,13,840,15,10,MNHVY,0.05868097000000,0.01230174000000
C2B2H1S1P2L2M3J2E2A1,GRF,CL5Q,4,12,7,13,840,15,40,MEPDG,0.06391249000000,0.00715112000000
C2B2H1S1P2L2M3J2E2A2,GRF,CL5Q,4,12,7,13,840,15,40,MNAVG,0.03290638000000,0.00112659400000
C2B2H1S1P2L2M3J2E2A3,GRF,CL5Q,4,12,7,13,840,15,40,MNHVY,0.05868097000000,0.01230174000000
C2B2H1S1P3L1M1J1E1A1,GRF,CL5Q,4,12,8,12,340,12,10,MEPDG,14.29591000000000,0.91887820000000
C2B2H1S1P3L1M1J1E1A2,GRF,CL5Q,4,12,8,12,340,12,10,MNAVG,9.04759100000000,0.15174810000000
C2B2H1S1P3L1M1J1E1A3,GRF,CL5Q,4,12,8,12,340,12,10,MNHVY,15.40976000000000,1.62058000000000
C2B2H1S1P3L1M1J1E2A1,GRF,CL5Q,4,12,8,12,340,12,40,MEPDG,7.51982800000000,0.51286850000000
C2B2H1S1P3L1M1J1E2A2,GRF,CL5Q,4,12,8,12,340,12,40,MNAVG,4.64876000000000,0.08030104000000
C2B2H1S1P3L1M1J1E2A3,GRF,CL5Q,4,12,8,12,340,12,40,MNHVY,7.69652600000000,0.86920430000000
C2B2H1S1P3L1M1J2E1A1,GRF,CL5Q,4,12,8,12,340,15,10,MEPDG,27.80952000000000,2.01383500000000
C2B2H1S1P3L1M1J2E1A2,GRF,CL5Q,4,12,8,12,340,15,10,MNAVG,20.36112000000000,0.42070440000000
C2B2H1S1P3L1M1J2E1A3,GRF,CL5Q,4,12,8,12,340,15,10,MNHVY,37.43756000000000,3.92831100000000
C2B2H1S1P3L1M1J2E2A1,GRF,CL5Q,4,12,8,12,340,15,40,MEPDG,15.83769000000000,1.16432200000000
C2B2H1S1P3L1M1J2E2A2,GRF,CL5Q,4,12,8,12,340,15,40,MNAVG,11.57271000000000,0.23950070000000
C2B2H1S1P3L1M1J2E2A3,GRF,CL5Q,4,12,8,12,340,15,40,MNHVY,20.93703000000000,2.24959900000000
C2B2H1S1P3L1M2J1E1A1,GRF,CL5Q,4,12,8,12,590,12,10,MEPDG,0.41909920000000,0.03757527000000
C2B2H1S1P3L1M2J1E1A2,GRF,CL5Q,4,12,8,12,590,12,10,MNAVG,0.15685850000000,0.00533934000000
C2B2H1S1P3L1M2J1E1A3,GRF,CL5Q,4,12,8,12,590,12,10,MNHVY,0.23639370000000,0.06159982000000
C2B2H1S1P3L1M2J1E2A1,GRF,CL5Q,4,12,8,12,590,12,40,MEPDG,0.17072610000000,0.01889101000000
C2B2H1S1P3L1M2J1E2A2,GRF,CL5Q,4,12,8,12,590,12,40,MNAVG,0.06476130000000,0.00242186200000
C2B2H1S1P3L1M2J1E2A3,GRF,CL5Q,4,12,8,12,590,12,40,MNHVY,0.08921602000000,0.02871155000000
C2B2H1S1P3L1M2J2E1A1,GRF,CL5Q,4,12,8,12,590,15,10,MEPDG,1.50569000000000,0.18096310000000
C2B2H1S1P3L1M2J2E1A2,GRF,CL5Q,4,12,8,12,590,15,10,MNAVG,0.77589710000000,0.03509768000000
C2B2H1S1P3L1M2J2E1A3,GRF,CL5Q,4,12,8,12,590,15,10,MNHVY,1.50809500000000,0.35248010000000
C2B2H1S1P3L1M2J2E2A1,GRF,CL5Q,4,12,8,12,590,15,40,MEPDG,0.69861770000000,0.09252050000000
C2B2H1S1P3L1M2J2E2A2,GRF,CL5Q,4,12,8,12,590,15,40,MNAVG,0.37280440000000,0.01732276000000
```

```
C2B2H1S1P3L1M2J2E2A3,GRF,CL5Q,4,12,8,12,590,15,40,MNHVY,0.67832010000000,0.17610130000000
C2B2H1S1P3L1M3J1E1A1,GRF,CL5Q,4,12,8,12,840,12,10,MEPDG,0.02188233000000,0.00188154600000
C2B2H1S1P3L1M3J1E1A2,GRF,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00590017800000,0.00020216130000
C2B2H1S1P3L1M3J1E1A3,GRF,CL5Q,4,12,8,12,840,12,10,MNHVY,0.00713546900000,0.00253585700000
C2B2H1S1P3L1M3J1E2A1,GRF,CL5Q,4,12,8,12,840,12,40,MEPDG,0.00711415200000,0.00091948800000
C2B2H1S1P3L1M3J1E2A2,GRF,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00208956600000,0.00008362269000
C2B2H1S1P3L1M3J1E2A3,GRF,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00224762500000,0.00108447300000
C2B2H1S1P3L1M3J2E1A1,GRF,CL5Q,4,12,8,12,840,15,10,MEPDG,0.12819720000000,0.01633567000000
C2B2H1S1P3L1M3J2E1A2,GRF,CL5Q,4,12,8,12,840,15,10,MNAVG,0.04651948000000,0.00270238600000
C2B2H1S1P3L1M3J2E1A3,GRF,CL5Q,4,12,8,12,840,15,10,MNHVY,0.09177456000000,0.03009276000000
C2B2H1S1P3L1M3J2E2A1,GRF,CL5Q,4,12,8,12,840,15,40,MEPDG,0.04887534000000,0.00753727900000
C2B2H1S1P3L1M3J2E2A2,GRF,CL5Q,4,12,8,12,840,15,40,MNAVG,0.01891131000000,0.00115795900000
C2B2H1S1P3L1M3J2E2A3,GRF,CL5Q,4,12,8,12,840,15,40,MNHVY,0.03318099000000,0.01321294000000
C2B2H1S1P3L2M1J1E1A1,GRF,CL5Q,4,12,8,13,340,12,10,MEPDG,1.82036700000000,0.21646200000000
C2B2H1S1P3L2M1J1E1A2,GRF,CL5Q,4,12,8,13,340,12,10,MNAVG,1.08902900000000,0.03541735000000
C2B2H1S1P3L2M1J1E1A3,GRF,CL5Q,4,12,8,13,340,12,10,MNHVY,1.80296300000000,0.37547000000000
C2B2H1S1P3L2M1J1E2A1,GRF,CL5Q,4,12,8,13,340,12,40,MEPDG,1.82036700000000,0.21646200000000
C2B2H1S1P3L2M1J1E2A2,GRF,CL5Q,4,12,8,13,340,12,40,MNAVG,1.08902900000000,0.03541735000000
C2B2H1S1P3L2M1J1E2A3,GRF,CL5Q,4,12,8,13,340,12,40,MNHVY,1.80296300000000,0.37547000000000
C2B2H1S1P3L2M1J2E1A1,GRF,CL5Q,4,12,8,13,340,15,10,MEPDG,4.15041000000000,0.58671250000000
C2B2H1S1P3L2M1J2E1A2,GRF,CL5Q,4,12,8,13,340,15,10,MNAVG,3.00691700000000,0.12537260000000
C2B2H1S1P3L2M1J2E1A3,GRF,CL5Q,4,12,8,13,340,15,10,MNHVY,5.43806200000000,1.14402300000000
C2B2H1S1P3L2M1J2E2A1,GRF,CL5Q,4,12,8,13,340,15,40,MEPDG,4.15041000000000,0.58671250000000
C2B2H1S1P3L2M1J2E2A2,GRF,CL5Q,4,12,8,13,340,15,40,MNAVG,3.00691700000000,0.12537260000000
C2B2H1S1P3L2M1J2E2A3,GRF,CL5Q,4,12,8,13,340,15,40,MNHVY,5.43806200000000,1.14402300000000
C2B2H1S1P3L2M2J1E1A1,GRF,CL5Q,4,12,8,13,590,12,10,MEPDG,0.03652499000000,0.00728706000000
C2B2H1S1P3L2M2J1E1A2,GRF,CL5Q,4,12,8,13,590,12,10,MNAVG,0.01358548000000,0.00096249290000
C2B2H1S1P3L2M2J1E1A3,GRF,CL5Q,4,12,8,13,590,12,10,MNHVY,0.01831655000000,0.01125427000000
C2B2H1S1P3L2M2J1E2A1,GRF,CL5Q,4,12,8,13,590,12,40,MEPDG,0.03652499000000,0.00728706000000
C2B2H1S1P3L2M2J1E2A2,GRF,CL5Q,4,12,8,13,590,12,40,MNAVG,0.01358548000000,0.00096249290000
C2B2H1S1P3L2M2J1E2A3,GRF,CL5Q,4,12,8,13,590,12,40,MNHVY,0.01831655000000,0.01125427000000
C2B2H1S1P3L2M2J2E1A1,GRF,CL5Q,4,12,8,13,590,15,10,MEPDG,0.16630780000000,0.04335331000000
C2B2H1S1P3L2M2J2E1A2,GRF,CL5Q,4,12,8,13,590,15,10,MNAVG,0.08866543000000,0.00831534600000
C2B2H1S1P3L2M2J2E1A3,GRF,CL5Q,4,12,8,13,590,15,10,MNHVY,0.15967950000000,0.08346181000000
C2B2H1S1P3L2M2J2E2A1,GRF,CL5Q,4,12,8,13,590,15,40,MEPDG,0.16630780000000,0.04335331000000
C2B2H1S1P3L2M2J2E2A2,GRF,CL5Q,4,12,8,13,590,15,40,MNAVG,0.08866543000000,0.00831534600000
C2B2H1S1P3L2M2J2E2A3,GRF,CL5Q,4,12,8,13,590,15,40,MNHVY,0.15967950000000,0.08346181000000
C2B2H1S1P3L2M3J1E1A1,GRF,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00137670500000,0.00032982780000
C2B2H1S1P3L2M3J1E1A2,GRF,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00040956820000,0.00002995520000
C2B2H1S1P3L2M3J1E1A3,GRF,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00042560190000,0.00038708920000
C2B2H1S1P3L2M3J1E2A1,GRF,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00137670500000,0.00032982780000
C2B2H1S1P3L2M3J1E2A2,GRF,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00040956820000,0.00002995520000
C2B2H1S1P3L2M3J1E2A3,GRF,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00042560190000,0.00038708920000
C2B2H1S1P3L2M3J2E1A1,GRF,CL5Q,4,12,8,13,840,15,10,MEPDG,0.01063339000000,0.00323115600000
C2B2H1S1P3L2M3J2E1A2,GRF,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00412955200000,0.00050405770000
C2B2H1S1P3L2M3J2E1A3,GRF,CL5Q,4,12,8,13,840,15,10,MNHVY,0.00710321000000,0.00570495900000
C2B2H1S1P3L2M3J2E2A1,GRF,CL5Q,4,12,8,13,840,15,40,MEPDG,0.01063339000000,0.00323115600000
C2B2H1S1P3L2M3J2E2A2,GRF,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00412955200000,0.00050405770000
C2B2H1S1P3L2M3J2E2A3,GRF,CL5Q,4,12,8,13,840,15,40,MNHVY,0.00710321000000,0.00570495900000
C2B2H1S1P4L1M1J1E1A1,GRF,CL5Q,4,12,9,12,340,12,10,MEPDG,4.22366400000000,0.56024280000000
```

```
C2B2H1S1P4L1M1J1E1A2,GRF,CL5Q,4,12,9,12,340,12,10,MNAVG,2.11057600000000,0.09240203000000
C2B2H1S1P4L1M1J1E1A3,GRF,CL5Q,4,12,9,12,340,12,10,MNHVY,3.52072800000000,1.02303600000000
C2B2H1S1P4L1M1J1E2A1,GRF,CL5Q,4,12,9,12,340,12,40,MEPDG,2.00025600000000,0.30923870000000
C2B2H1S1P4L1M1J1E2A2,GRF,CL5Q,4,12,9,12,340,12,40,MNAVG,0.99398310000000,0.04834026000000
C2B2H1S1P4L1M1J1E2A3,GRF,CL5Q,4,12,9,12,340,12,40,MNHVY,1.55576900000000,0.54233220000000
C2B2H1S1P4L1M1J2E1A1,GRF,CL5Q,4,12,9,12,340,15,10,MEPDG,10.99277000000000,1.58375100000000
C2B2H1S1P4L1M1J2E1A2,GRF,CL5Q,4,12,9,12,340,15,10,MNAVG,6.94533800000000,0.32708160000000
C2B2H1S1P4L1M1J2E1A3,GRF,CL5Q,4,12,9,12,340,15,10,MNHVY,13.28913000000000,3.16347200000000
C2B2H1S1P4L1M1J2E2A1,GRF,CL5Q,4,12,9,12,340,15,40,MEPDG,5.79928200000000,0.91708530000000
C2B2H1S1P4L1M1J2E2A2,GRF,CL5Q,4,12,9,12,340,15,40,MNAVG,3.74259900000000,0.18706310000000
C2B2H1S1P4L1M1J2E2A3,GRF,CL5Q,4,12,9,12,340,15,40,MNHVY,6.86597100000000,1.81023000000000
C2B2H1S1P4L1M2J1E1A1,GRF,CL5Q,4,12,9,12,590,12,10,MEPDG,0.07349940000000,0.01413407000000
C2B2H1S1P4L1M2J1E1A2,GRF,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02038958000000,0.00192588600000
C2B2H1S1P4L1M2J1E1A3,GRF,CL5Q,4,12,9,12,590,12,10,MNHVY,0.02719674000000,0.02312348000000
C2B2H1S1P4L1M2J1E2A1,GRF,CL5Q,4,12,9,12,590,12,40,MEPDG,0.02570864000000,0.00727991700000
C2B2H1S1P4L1M2J1E2A2,GRF,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00762968200000,0.00091033100000
C2B2H1S1P4L1M2J1E2A3,GRF,CL5Q,4,12,9,12,590,12,40,MNHVY,0.00902806200000,0.01114269000000
C2B2H1S1P4L1M2J2E1A1,GRF,CL5Q,4,12,9,12,590,15,10,MEPDG,0.37029810000000,0.09268126000000
C2B2H1S1P4L1M2J2E1A2,GRF,CL5Q,4,12,9,12,590,15,10,MNAVG,0.14365610000000,0.01716471000000
C2B2H1S1P4L1M2J2E1A3,GRF,CL5Q,4,12,9,12,590,15,10,MNHVY,0.28491480000000,0.18287030000000
C2B2H1S1P4L1M2J2E2A1,GRF,CL5Q,4,12,9,12,590,15,40,MEPDG,0.15148120000000,0.04791320000000
C2B2H1S1P4L1M2J2E2A2,GRF,CL5Q,4,12,9,12,590,15,40,MNAVG,0.06247512000000,0.00859679000000
C2B2H1S1P4L1M2J2E2A3,GRF,CL5Q,4,12,9,12,590,15,40,MNHVY,0.11164990000000,0.09242693000000
C2B2H1S1P4L1M3J1E1A1,GRF,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00249936600000,0.00049395280000
C2B2H1S1P4L1M3J1E1A2,GRF,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00058266220000,0.00004838848000
C2B2H1S1P4L1M3J1E1A3,GRF,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00056807910000,0.00063136310000
C2B2H1S1P4L1M3J1E2A1,GRF,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00066967000000,0.00026367200000
C2B2H1S1P4L1M3J1E2A2,GRF,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00018408070000,0.00002243806000
C2B2H1S1P4L1M3J1E2A3,GRF,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00015934390000,0.00029879600000
C2B2H1S1P4L1M3J2E1A1,GRF,CL5Q,4,12,9,12,840,15,10,MEPDG,0.01974567000000,0.00611124900000
C2B2H1S1P4L1M3J2E1A2,GRF,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00509538100000,0.00094231770000
C2B2H1S1P4L1M3J2E1A3,GRF,CL5Q,4,12,9,12,840,15,10,MNHVY,0.00916775700000,0.01107435000000
C2B2H1S1P4L1M3J2E2A1,GRF,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00640393000000,0.00294348100000
C2B2H1S1P4L1M3J2E2A2,GRF,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00184299400000,0.00042508780000
C2B2H1S1P4L1M3J2E2A3,GRF,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00283037500000,0.00508579500000
C2B2H1S1P4L2M1J1E1A1,GRF,CL5Q,4,12,9,13,340,12,10,MEPDG,0.46270360000000,0.13313620000000
C2B2H1S1P4L2M1J1E1A2,GRF,CL5Q,4,12,9,13,340,12,10,MNAVG,0.22329890000000,0.02162228000000
C2B2H1S1P4L2M1J1E1A3,GRF,CL5Q,4,12,9,13,340,12,10,MNHVY,0.34577590000000,0.23793090000000
C2B2H1S1P4L2M1J1E2A1,GRF,CL5Q,4,12,9,13,340,12,40,MEPDG,0.46270360000000,0.13313620000000
C2B2H1S1P4L2M1J1E2A2,GRF,CL5Q,4,12,9,13,340,12,40,MNAVG,0.22329890000000,0.02162228000000
C2B2H1S1P4L2M1J1E2A3,GRF,CL5Q,4,12,9,13,340,12,40,MNHVY,0.34577590000000,0.23793090000000
C2B2H1S1P4L2M1J2E1A1,GRF,CL5Q,4,12,9,13,340,15,10,MEPDG,1.48111900000000,0.47368600000000
C2B2H1S1P4L2M1J2E1A2,GRF,CL5Q,4,12,9,13,340,15,10,MNAVG,0.95278130000000,0.09972294000000
C2B2H1S1P4L2M1J2E1A3,GRF,CL5Q,4,12,9,13,340,15,10,MNHVY,1.73768900000000,0.94392980000000
C2B2H1S1P4L2M1J2E2A1,GRF,CL5Q,4,12,9,13,340,15,40,MEPDG,1.48111900000000,0.47368600000000
C2B2H1S1P4L2M1J2E2A2,GRF,CL5Q,4,12,9,13,340,15,40,MNAVG,0.95278130000000,0.09972294000000
C2B2H1S1P4L2M1J2E2A3,GRF,CL5Q,4,12,9,13,340,15,40,MNHVY,1.73768900000000,0.94392980000000
C2B2H1S1P4L2M2J1E1A1,GRF,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00516277500000,0.00284729200000
C2B2H1S1P4L2M2J1E1A2,GRF,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00154293100000,0.00036402230000
C2B2H1S1P4L2M2J1E1A3,GRF,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00176560400000,0.00440719200000
```

```
C2B2H1S1P4L2M2J1E2A1,GRF,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00516277500000,0.00284729200000
C2B2H1S1P4L2M2J1E2A2,GRF,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00154293100000,0.00036402230000
C2B2H1S1P4L2M2J1E2A3,GRF,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00176560400000,0.00440719200000
C2B2H1S1P4L2M2J2E1A1,GRF,CL5Q,4,12,9,13,590,15,10,MEPDG,0.03411883000000,0.02288446000000
C2B2H1S1P4L2M2J2E1A2,GRF,CL5Q,4,12,9,13,590,15,10,MNAVG,0.01410522000000,0.00420959600000
C2B2H1S1P4L2M2J2E1A3,GRF,CL5Q,4,12,9,13,590,15,10,MNHVY,0.02470320000000,0.04454277000000
C2B2H1S1P4L2M2J2E2A1,GRF,CL5Q,4,12,9,13,590,15,40,MEPDG,0.03411883000000,0.02288446000000
C2B2H1S1P4L2M2J2E2A2,GRF,CL5Q,4,12,9,13,590,15,40,MNAVG,0.01410522000000,0.00420959600000
C2B2H1S1P4L2M2J2E2A3,GRF,CL5Q,4,12,9,13,590,15,40,MNHVY,0.02470320000000,0.04454277000000
C2B2H1S1P4L2M3J1E1A1,GRF,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00011931100000,0.00009788812000
C2B2H1S1P4L2M3J1E1A2,GRF,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00003413954000,0.00000828005700
C2B2H1S1P4L2M3J1E1A3,GRF,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00002844887000,0.00010997070000
C2B2H1S1P4L2M3J1E2A1,GRF,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00011931100000,0.00009788812000
C2B2H1S1P4L2M3J1E2A2,GRF,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00003413954000,0.00000828005700
C2B2H1S1P4L2M3J1E2A3,GRF,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00002844887000,0.00010997070000
C2B2H1S1P4L2M3J2E1A1,GRF,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00128606500000,0.00129465200000
C2B2H1S1P4L2M3J2E1A2,GRF,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00037648870000,0.00018955110000
C2B2H1S1P4L2M3J2E1A3,GRF,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00055588080000,0.00224722600000
C2B2H1S1P4L2M3J2E2A1,GRF,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00128606500000,0.00129465200000
C2B2H1S1P4L2M3J2E2A2,GRF,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00037648870000,0.00018955110000
C2B2H1S1P4L2M3J2E2A3,GRF,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00055588080000,0.00224722600000
C2B2H1S1P5L1M1J1E1A1,GRF,CL5Q,4,12,10,12,340,12,10,MEPDG,1.14549800000000,0.30224140000000
C2B2H1S1P5L1M1J1E1A2,GRF,CL5Q,4,12,10,12,340,12,10,MNAVG,0.43512010000000,0.04708552000000
C2B2H1S1P5L1M1J1E1A3,GRF,CL5Q,4,12,10,12,340,12,10,MNHVY,0.69493040000000,0.54974170000000
C2B2H1S1P5L1M1J1E2A1,GRF,CL5Q,4,12,10,12,340,12,40,MEPDG,0.48377910000000,0.16853710000000
C2B2H1S1P5L1M1J1E2A2,GRF,CL5Q,4,12,10,12,340,12,40,MNAVG,0.18670740000000,0.02512485000000
C2B2H1S1P5L1M1J1E2A3,GRF,CL5Q,4,12,10,12,340,12,40,MNHVY,0.27016900000000,0.29566940000000
C2B2H1S1P5L1M1J2E1A1,GRF,CL5Q,4,12,10,12,340,15,10,MEPDG,3.88979900000000,1.06952400000000
C2B2H1S1P5L1M1J2E1A2,GRF,CL5Q,4,12,10,12,340,15,10,MNAVG,2.03165900000000,0.20996930000000
C2B2H1S1P5L1M1J2E1A3,GRF,CL5Q,4,12,10,12,340,15,10,MNHVY,4.01597900000000,2.16118100000000
C2B2H1S1P5L1M1J2E2A1,GRF,CL5Q,4,12,10,12,340,15,40,MEPDG,1.87559700000000,0.62284270000000
C2B2H1S1P5L1M1J2E2A2,GRF,CL5Q,4,12,10,12,340,15,40,MNAVG,1.02143000000000,0.12118980000000
C2B2H1S1P5L1M1J2E2A3,GRF,CL5Q,4,12,10,12,340,15,40,MNHVY,1.88453000000000,1.24282900000000
C2B2H1S1P5L1M2J1E1A1,GRF,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01172505000000,0.00484234300000
C2B2H1S1P5L1M2J1E1A2,GRF,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00268083600000,0.00057747820000
C2B2H1S1P5L1M2J1E1A3,GRF,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00301184200000,0.00743655400000
C2B2H1S1P5L1M2J1E2A1,GRF,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00350528800000,0.00263245900000
C2B2H1S1P5L1M2J1E2A2,GRF,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00092234780000,0.00029480430000
C2B2H1S1P5L1M2J1E2A3,GRF,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00091110040000,0.00380961500000
C2B2H1S1P5L1M2J2E1A1,GRF,CL5Q,4,12,10,12,590,15,10,MEPDG,0.07466062000000,0.04269445000000
C2B2H1S1P5L1M2J2E1A2,GRF,CL5Q,4,12,10,12,590,15,10,MNAVG,0.02121811000000,0.00722842400000
C2B2H1S1P5L1M2J2E1A3,GRF,CL5Q,4,12,10,12,590,15,10,MNHVY,0.03969351000000,0.08260967000000
C2B2H1S1P5L1M2J2E2A1,GRF,CL5Q,4,12,10,12,590,15,40,MEPDG,0.02655080000000,0.02261827000000
C2B2H1S1P5L1M2J2E2A2,GRF,CL5Q,4,12,10,12,590,15,40,MNAVG,0.00828217200000,0.00373879600000
C2B2H1S1P5L1M2J2E2A3,GRF,CL5Q,4,12,10,12,590,15,40,MNHVY,0.01343450000000,0.04283790000000
C2B2H1S1P5L1M3J1E1A1,GRF,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00028338890000,0.00013952240000
C2B2H1S1P5L1M3J1E1A2,GRF,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00006150516000,0.00001158121000
C2B2H1S1P5L1M3J1E1A3,GRF,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00004950839000,0.00016201330000
C2B2H1S1P5L1M3J1E2A1,GRF,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00006299438000,0.00008217846000
C2B2H1S1P5L1M3J1E2A2,GRF,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00001717650000,0.00000610250000
```

```
C2B2H1S1P5L1M3J1E2A3,GRF,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00001235992000,0.00008519453000
C2B2H1S1P5L1M3J2E1A1,GRF,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00246170900000,0.00220100200000
C2B2H1S1P5L1M3J2E1A2,GRF,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00049065060000,0.00030104970000
C2B2H1S1P5L1M3J2E1A3,GRF,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00069479170000,0.00377695800000
C2B2H1S1P5L1M3J2E2A1,GRF,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00067591540000,0.00113570900000
C2B2H1S1P5L1M3J2E2A2,GRF,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00015974430000,0.00014719110000
C2B2H1S1P5L1M3J2E2A3,GRF,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00019052480000,0.00186176700000
C2B2H1S1P5L2M1J1E1A1,GRF,CL5Q,4,12,10,13,340,12,10,MEPDG,0.10640320000000,0.07318988000000
C2B2H1S1P5L2M1J1E1A2,GRF,CL5Q,4,12,10,13,340,12,10,MNAVG,0.04025483000000,0.01123754000000
C2B2H1S1P5L2M1J1E1A3,GRF,CL5Q,4,12,10,13,340,12,10,MNHVY,0.05689040000000,0.13028820000000
C2B2H1S1P5L2M1J1E2A1,GRF,CL5Q,4,12,10,13,340,12,40,MEPDG,0.10640320000000,0.07318988000000
C2B2H1S1P5L2M1J1E2A2,GRF,CL5Q,4,12,10,13,340,12,40,MNAVG,0.04025483000000,0.01123754000000
C2B2H1S1P5L2M1J1E2A3,GRF,CL5Q,4,12,10,13,340,12,40,MNHVY,0.05689040000000,0.13028820000000
C2B2H1S1P5L2M1J2E1A1,GRF,CL5Q,4,12,10,13,340,15,10,MEPDG,0.46015060000000,0.32534860000000
C2B2H1S1P5L2M1J2E1A2,GRF,CL5Q,4,12,10,13,340,15,10,MNAVG,0.25070570000000,0.06522945000000
C2B2H1S1P5L2M1J2E1A3,GRF,CL5Q,4,12,10,13,340,15,10,MNHVY,0.45678840000000,0.65500120000000
C2B2H1S1P5L2M1J2E2A1,GRF,CL5Q,4,12,10,13,340,15,40,MEPDG,0.46015060000000,0.32534860000000
C2B2H1S1P5L2M1J2E2A2,GRF,CL5Q,4,12,10,13,340,15,40,MNAVG,0.25070570000000,0.06522945000000
C2B2H1S1P5L2M1J2E2A3,GRF,CL5Q,4,12,10,13,340,15,40,MNHVY,0.45678840000000,0.65500120000000
C2B2H1S1P5L2M2J1E1A1,GRF,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00065660920000,0.00106138700000
C2B2H1S1P5L2M2J1E1A2,GRF,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00017864130000,0.00012090930000
C2B2H1S1P5L2M2J1E1A3,GRF,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00016940180000,0.00155333700000
C2B2H1S1P5L2M2J1E2A1,GRF,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00065660920000,0.00106138700000
C2B2H1S1P5L2M2J1E2A2,GRF,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00017864130000,0.00012090930000
C2B2H1S1P5L2M2J1E2A3,GRF,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00016940180000,0.00155333700000
C2B2H1S1P5L2M2J2E1A1,GRF,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00558211200000,0.01087862000000
C2B2H1S1P5L2M2J2E1A2,GRF,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00176322700000,0.00184260600000
C2B2H1S1P5L2M2J2E1A3,GRF,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00276113000000,0.02078775000000
C2B2H1S1P5L2M2J2E2A1,GRF,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00558211200000,0.01087862000000
C2B2H1S1P5L2M2J2E2A2,GRF,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00176322700000,0.00184260600000
C2B2H1S1P5L2M2J2E2A3,GRF,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00276113000000,0.02078775000000
C2B2H1S1P5L2M3J1E1A1,GRF,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00001037879000,0.00003238929000
C2B2H1S1P5L2M3J1E1A2,GRF,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000300001000,0.00000237017800
C2B2H1S1P5L2M3J1E1A3,GRF,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000208199500,0.00003312211000
C2B2H1S1P5L2M3J1E2A1,GRF,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00001037879000,0.00003238929000
C2B2H1S1P5L2M3J1E2A2,GRF,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000300001000,0.00000237017800
C2B2H1S1P5L2M3J1E2A3,GRF,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000208199500,0.00003312211000
C2B2H1S1P5L2M3J2E1A1,GRF,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00012510300000,0.00051266670000
C2B2H1S1P5L2M3J2E1A2,GRF,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00003076377000,0.00006722001000
C2B2H1S1P5L2M3J2E1A3,GRF,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00003498889000,0.00084363730000
C2B2H1S1P5L2M3J2E2A1,GRF,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00012510300000,0.00051266670000
C2B2H1S1P5L2M3J2E2A2,GRF,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00003076377000,0.00006722001000
C2B2H1S1P5L2M3J2E2A3,GRF,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00003498889000,0.00084363730000
C2B2H1S1P6L1M1J1E1A1,GRF,CL5Q,4,12,11,12,340,12,10,MEPDG,0.28686750000000,0.14851150000000
C2B2H1S1P6L1M1J1E1A2,GRF,CL5Q,4,12,11,12,340,12,10,MNAVG,0.08308772000000,0.02075111000000
C2B2H1S1P6L1M1J1E1A3,GRF,CL5Q,4,12,11,12,340,12,10,MNHVY,0.12261060000000,0.26016230000000
C2B2H1S1P6L1M1J1E2A1,GRF,CL5Q,4,12,11,12,340,12,40,MEPDG,0.10818990000000,0.08521112000000
C2B2H1S1P6L1M1J1E2A2,GRF,CL5Q,4,12,11,12,340,12,40,MNAVG,0.03304192000000,0.01156851000000
C2B2H1S1P6L1M1J1E2A3,GRF,CL5Q,4,12,11,12,340,12,40,MNHVY,0.04305437000000,0.14475700000000
C2B2H1S1P6L1M1J2E1A1,GRF,CL5Q,4,12,11,12,340,15,10,MEPDG,1.20687800000000,0.65293280000000
```

```
C2B2H1S1P6L1M1J2E1A2,GRF,CL5Q,4,12,11,12,340,15,10,MNAVG,0.49744530000000,0.11866790000000
C2B2H1S1P6L1M1J2E1A3,GRF,CL5Q,4,12,11,12,340,15,10,MNHVY,0.98686600000000,1.31066400000000
C2B2H1S1P6L1M1J2E2A1,GRF,CL5Q,4,12,11,12,340,15,40,MEPDG,0.52652240000000,0.38533780000000
C2B2H1S1P6L1M1J2E2A2,GRF,CL5Q,4,12,11,12,340,15,40,MNAVG,0.23057870000000,0.06983037000000
C2B2H1S1P6L1M1J2E2A3,GRF,CL5Q,4,12,11,12,340,15,40,MNHVY,0.41509140000000,0.76520350000000
C2B2H1S1P6L1M2J1E1A1,GRF,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00190824200000,0.00174244600000
C2B2H1S1P6L1M2J1E1A2,GRF,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00039529960000,0.00017401320000
C2B2H1S1P6L1M2J1E1A3,GRF,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00037994890000,0.00243762300000
C2B2H1S1P6L1M2J1E2A1,GRF,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00049626590000,0.00100813600000
C2B2H1S1P6L1M2J1E2A2,GRF,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00012550140000,0.00009645473000
C2B2H1S1P6L1M2J1E2A3,GRF,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00010647430000,0.00134030600000
C2B2H1S1P6L1M2J2E1A1,GRF,CL5Q,4,12,11,12,590,15,10,MEPDG,0.01303295000000,0.01868719000000
C2B2H1S1P6L1M2J2E1A2,GRF,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00282703800000,0.00278373000000
C2B2H1S1P6L1M2J2E1A3,GRF,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00448426600000,0.03449924000000
C2B2H1S1P6L1M2J2E2A1,GRF,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00405059500000,0.01035605000000
C2B2H1S1P6L1M2J2E2A2,GRF,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00101127800000,0.00152787600000
C2B2H1S1P6L1M2J2E2A3,GRF,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00136402400000,0.01879133000000
C2B2H1S1P6L1M3J1E1A1,GRF,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00003528819000,0.00004615249000
C2B2H1S1P6L1M3J1E1A2,GRF,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000691291600,0.00000322536800
C2B2H1S1P6L1M3J1E1A3,GRF,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000496851000,0.00004806630000
C2B2H1S1P6L1M3J1E2A1,GRF,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000683927600,0.00002428133000
C2B2H1S1P6L1M3J1E2A2,GRF,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000176610900,0.00000159848100
C2B2H1S1P6L1M3J1E2A3,GRF,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000114428900,0.00002372844000
C2B2H1S1P6L1M3J2E1A1,GRF,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00025978960000,0.00084062580000
C2B2H1S1P6L1M3J2E1A2,GRF,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00004491852000,0.00009683221000
C2B2H1S1P6L1M3J2E1A3,GRF,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00004738281000,0.00131845800000
C2B2H1S1P6L1M3J2E2A1,GRF,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00006053846000,0.00046638810000
C2B2H1S1P6L1M3J2E2A2,GRF,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00001324102000,0.00005159818000
C2B2H1S1P6L1M3J2E2A3,GRF,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00001204108000,0.00069816470000
C2B2H1S1P6L2M1J1E1A1,GRF,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02258122000000,0.03753028000000
C2B2H1S1P6L2M1J1E1A2,GRF,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00688318600000,0.00520130200000
C2B2H1S1P6L2M1J1E1A3,GRF,CL5Q,4,12,11,13,340,12,10,MNHVY,0.00865358400000,0.06457680000000
C2B2H1S1P6L2M1J1E2A1,GRF,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02258122000000,0.03753028000000
C2B2H1S1P6L2M1J1E2A2,GRF,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00688318600000,0.00520130200000
C2B2H1S1P6L2M1J1E2A3,GRF,CL5Q,4,12,11,13,340,12,40,MNHVY,0.00865358400000,0.06457680000000
C2B2H1S1P6L2M1J2E1A1,GRF,CL5Q,4,12,11,13,340,15,10,MEPDG,0.12244340000000,0.20239210000000
C2B2H1S1P6L2M1J2E1A2,GRF,CL5Q,4,12,11,13,340,15,10,MNAVG,0.05374569000000,0.03771775000000
C2B2H1S1P6L2M1J2E1A3,GRF,CL5Q,4,12,11,13,340,15,10,MNHVY,0.09462683000000,0.40538840000000
C2B2H1S1P6L2M1J2E2A1,GRF,CL5Q,4,12,11,13,340,15,40,MEPDG,0.12244340000000,0.20239210000000
C2B2H1S1P6L2M1J2E2A2,GRF,CL5Q,4,12,11,13,340,15,40,MNAVG,0.05374569000000,0.03771775000000
C2B2H1S1P6L2M1J2E2A3,GRF,CL5Q,4,12,11,13,340,15,40,MNHVY,0.09462683000000,0.40538840000000
C2B2H1S1P6L2M2J1E1A1,GRF,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00008808849000,0.00042111000000
C2B2H1S1P6L2M2J1E1A2,GRF,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00002345214000,0.00004081206000
C2B2H1S1P6L2M2J1E1A3,GRF,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00001918661000,0.00056581080000
C2B2H1S1P6L2M2J1E2A1,GRF,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00008808849000,0.00042111000000
C2B2H1S1P6L2M2J1E2A2,GRF,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00002345214000,0.00004081206000
C2B2H1S1P6L2M2J1E2A3,GRF,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00001918661000,0.00056581080000
C2B2H1S1P6L2M2J2E1A1,GRF,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00079361930000,0.00505672400000
C2B2H1S1P6L2M2J2E1A2,GRF,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00020418310000,0.00076195480000
C2B2H1S1P6L2M2J2E1A3,GRF,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00026303530000,0.00927236600000
```

```
C2B2H1S1P6L2M2J2E2A1,GRF,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00079361930000,0.00505672400000
C2B2H1S1P6L2M2J2E2A2,GRF,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00020418310000,0.00076195480000
C2B2H1S1P6L2M2J2E2A3,GRF,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00026303530000,0.00927236600000
C2B2H1S1P6L2M3J1E1A1,GRF,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000106715800,0.00001121325000
C2B2H1S1P6L2M3J1E1A2,GRF,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000029586960,0.00000070798520
C2B2H1S1P6L2M3J1E1A3,GRF,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000018562650,0.00001047330000
C2B2H1S1P6L2M3J1E2A1,GRF,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000106715800,0.00001121325000
C2B2H1S1P6L2M3J1E2A2,GRF,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000029586960,0.00000070798520
C2B2H1S1P6L2M3J1E2A3,GRF,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000018562650,0.00001047330000
C2B2H1S1P6L2M3J2E1A1,GRF,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00001036872000,0.00021807620000
C2B2H1S1P6L2M3J2E1A2,GRF,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000241044800,0.00002420470000
C2B2H1S1P6L2M3J2E1A3,GRF,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000210165800,0.00032644660000
C2B2H1S1P6L2M3J2E2A1,GRF,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00001036872000,0.00021807620000
C2B2H1S1P6L2M3J2E2A2,GRF,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000241044800,0.00002420470000
C2B2H1S1P6L2M3J2E2A3,GRF,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000210165800,0.00032644660000
C2B2H1S1P7L1M1J1E1A1,GRF,CL5Q,4,12,12,12,340,12,10,MEPDG,0.07014138000000,0.07158657000000
C2B2H1S1P7L1M1J1E1A2,GRF,CL5Q,4,12,12,12,340,12,10,MNAVG,0.01635040000000,0.00873570500000
C2B2H1S1P7L1M1J1E1A3,GRF,CL5Q,4,12,12,12,340,12,10,MNHVY,0.02189476000000,0.11704000000000
C2B2H1S1P7L1M1J1E2A1,GRF,CL5Q,4,12,12,12,340,12,40,MEPDG,0.02358879000000,0.04225650000000
C2B2H1S1P7L1M1J1E2A2,GRF,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00611821200000,0.00507757900000
C2B2H1S1P7L1M1J1E2A3,GRF,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00710253700000,0.06737806000000
C2B2H1S1P7L1M1J2E1A1,GRF,CL5Q,4,12,12,12,340,15,10,MEPDG,0.33850270000000,0.37748690000000
C2B2H1S1P7L1M1J2E1A2,GRF,CL5Q,4,12,12,12,340,15,10,MNAVG,0.10621020000000,0.06265843000000
C2B2H1S1P7L1M1J2E1A3,GRF,CL5Q,4,12,12,12,340,15,10,MNHVY,0.20340630000000,0.73659800000000
C2B2H1S1P7L1M1J2E2A1,GRF,CL5Q,4,12,12,12,340,15,40,MEPDG,0.13230620000000,0.22603340000000
C2B2H1S1P7L1M1J2E2A2,GRF,CL5Q,4,12,12,12,340,15,40,MNAVG,0.04513163000000,0.03766242000000
C2B2H1S1P7L1M1J2E2A3,GRF,CL5Q,4,12,12,12,340,15,40,MNHVY,0.07606412000000,0.43743900000000
C2B2H1S1P7L1M2J1E1A1,GRF,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00033587100000,0.00068237550000
C2B2H1S1P7L1M2J1E1A2,GRF,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00006334309000,0.00005863634000
C2B2H1S1P7L1M2J1E1A3,GRF,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00005415394000,0.00086138980000
C2B2H1S1P7L1M2J1E2A1,GRF,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00007710904000,0.00042613000000
C2B2H1S1P7L1M2J1E2A2,GRF,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00001863309000,0.00003542793000
C2B2H1S1P7L1M2J1E2A3,GRF,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00001412006000,0.00051692270000
C2B2H1S1P7L1M2J2E1A1,GRF,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00199699700000,0.00831816100000
C2B2H1S1P7L1M2J2E1A2,GRF,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00035877770000,0.00108355800000
C2B2H1S1P7L1M2J2E1A3,GRF,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00044631910000,0.01436933000000
C2B2H1S1P7L1M2J2E2A1,GRF,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00053626610000,0.00482146900000
C2B2H1S1P7L1M2J2E2A2,GRF,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00011775950000,0.00062863380000
C2B2H1S1P7L1M2J2E2A3,GRF,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00012479870000,0.00822679000000
C2B2H1S1P7L1M3J1E1A1,GRF,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000562966400,0.00001607941000
C2B2H1S1P7L1M3J1E1A2,GRF,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000092831620,0.00000100687500
C2B2H1S1P7L1M3J1E1A3,GRF,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000063039220,0.00001531822000
C2B2H1S1P7L1M3J1E2A1,GRF,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000095471030,0.00001172313000
C2B2H1S1P7L1M3J1E2A2,GRF,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000021968820,0.00000066559760
C2B2H1S1P7L1M3J1E2A3,GRF,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000013243900,0.00001006263000
C2B2H1S1P7L1M3J2E1A1,GRF,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00002858224000,0.00034469090000
C2B2H1S1P7L1M3J2E1A2,GRF,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000443401700,0.00003357520000
C2B2H1S1P7L1M3J2E1A3,GRF,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000382554900,0.00048451780000
C2B2H1S1P7L1M3J2E2A1,GRF,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000585235800,0.00020231140000
C2B2H1S1P7L1M3J2E2A2,GRF,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000120781000,0.00001890749000
```

```
C2B2H1S1P7L1M3J2E2A3,GRF,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000092167090,0.00027087420000
C2B2H1S1P7L2M1J1E1A1,GRF,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00467905700000,0.01894611000000
C2B2H1S1P7L2M1J1E1A2,GRF,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00124039000000,0.00231694000000
C2B2H1S1P7L2M1J1E1A3,GRF,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00137678100000,0.03059423000000
C2B2H1S1P7L2M1J1E2A1,GRF,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00467905700000,0.01894611000000
C2B2H1S1P7L2M1J1E2A2,GRF,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00124039000000,0.00231694000000
C2B2H1S1P7L2M1J1E2A3,GRF,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00137678100000,0.03059423000000
C2B2H1S1P7L2M1J2E1A1,GRF,CL5Q,4,12,12,13,340,15,10,MEPDG,0.02902915000000,0.11997830000000
C2B2H1S1P7L2M1J2E1A2,GRF,CL5Q,4,12,12,13,340,15,10,MNAVG,0.00999059900000,0.02051158000000
C2B2H1S1P7L2M1J2E1A3,GRF,CL5Q,4,12,12,13,340,15,10,MNHVY,0.01627535000000,0.23457140000000
C2B2H1S1P7L2M1J2E2A1,GRF,CL5Q,4,12,12,13,340,15,40,MEPDG,0.02902915000000,0.11997830000000
C2B2H1S1P7L2M1J2E2A2,GRF,CL5Q,4,12,12,13,340,15,40,MNAVG,0.00999059900000,0.02051158000000
C2B2H1S1P7L2M1J2E2A3,GRF,CL5Q,4,12,12,13,340,15,40,MNHVY,0.01627535000000,0.23457140000000
C2B2H1S1P7L2M2J1E1A1,GRF,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00001290352000,0.00018524690000
C2B2H1S1P7L2M2J1E1A2,GRF,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000333226200,0.00001557449000
C2B2H1S1P7L2M2J1E1A3,GRF,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000242834500,0.00022694380000
C2B2H1S1P7L2M2J1E2A1,GRF,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00001290352000,0.00018524690000
C2B2H1S1P7L2M2J1E2A2,GRF,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000333226200,0.00001557449000
C2B2H1S1P7L2M2J1E2A3,GRF,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000242834500,0.00022694380000
C2B2H1S1P7L2M2J2E1A1,GRF,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00009777644000,0.00242012500000
C2B2H1S1P7L2M2J2E1A2,GRF,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00002261062000,0.00032207820000
C2B2H1S1P7L2M2J2E1A3,GRF,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00002284898000,0.00418342500000
C2B2H1S1P7L2M2J2E2A1,GRF,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00009777644000,0.00242012500000
C2B2H1S1P7L2M2J2E2A2,GRF,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00002261062000,0.00032207820000
C2B2H1S1P7L2M2J2E2A3,GRF,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00002284898000,0.00418342500000
C2B2H1S1P7L2M3J1E1A1,GRF,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000014075580,0.00000553764300
C2B2H1S1P7L2M3J1E1A2,GRF,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000003545010,0.00000030676800
C2B2H1S1P7L2M3J1E1A3,GRF,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000002060461,0.00000463028000
C2B2H1S1P7L2M3J1E2A1,GRF,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000014075580,0.00000553764300
C2B2H1S1P7L2M3J1E2A2,GRF,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000003545010,0.00000030676800
C2B2H1S1P7L2M3J1E2A3,GRF,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000002060461,0.00000463028000
C2B2H1S1P7L2M3J2E1A1,GRF,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000094511940,0.00009500468000
C2B2H1S1P7L2M3J2E1A2,GRF,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000021044570,0.00000886465800
C2B2H1S1P7L2M3J2E1A3,GRF,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000015511340,0.00012683200000
C2B2H1S1P7L2M3J2E2A1,GRF,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000094511940,0.00009500468000
C2B2H1S1P7L2M3J2E2A2,GRF,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000021044570,0.00000886465800
C2B2H1S1P7L2M3J2E2A3,GRF,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000015511340,0.00012683200000
C2B2H2S2P1L1M1J1E1A1,GRF,CL5Q,12,4,6,12,340,12,10,MEPDG,31.18923000000000,0.00000000000000
C2B2H2S2P1L1M1J1E1A2,GRF,CL5Q,12,4,6,12,340,12,10,MNAVG,23.49808000000000,0.00000000000000
C2B2H2S2P1L1M1J1E1A3,GRF,CL5Q,12,4,6,12,340,12,10,MNHVY,39.90169000000000,0.00000000000000
C2B2H2S2P1L1M1J1E2A1,GRF,CL5Q,12,4,6,12,340,12,40,MEPDG,18.22921000000000,0.00000000000000
C2B2H2S2P1L1M1J1E2A2,GRF,CL5Q,12,4,6,12,340,12,40,MNAVG,13.10236000000000,0.00000000000000
C2B2H2S2P1L1M1J1E2A3,GRF,CL5Q,12,4,6,12,340,12,40,MNHVY,22.65305000000000,0.00000000000000
C2B2H2S2P1L1M1J2E1A1,GRF,CL5Q,12,4,6,12,340,15,10,MEPDG,39.26566000000000,0.00000000000000
C2B2H2S2P1L1M1J2E1A2,GRF,CL5Q,12,4,6,12,340,15,10,MNAVG,31.03789000000000,0.00000000000000
C2B2H2S2P1L1M1J2E1A3,GRF,CL5Q,12,4,6,12,340,15,10,MNHVY,53.92259000000000,0.00000000000000
C2B2H2S2P1L1M1J2E2A1,GRF,CL5Q,12,4,6,12,340,15,40,MEPDG,23.69890000000000,0.00000000000000
C2B2H2S2P1L1M1J2E2A2,GRF,CL5Q,12,4,6,12,340,15,40,MNAVG,18.04181000000000,0.00000000000000
C2B2H2S2P1L1M1J2E2A3,GRF,CL5Q,12,4,6,12,340,15,40,MNHVY,31.97283000000000,0.00000000000000
C2B2H2S2P1L1M2J1E1A1,GRF,CL5Q,12,4,6,12,590,12,10,MEPDG,4.06721100000000,0.00000000000001
```

```
C2B2H2S2P1L1M2J1E1A2,GRF,CL5Q,12,4,6,12,590,12,10,MNAVG,2.58392800000000,0.00000000000000
C2B2H2S2P1L1M2J1E1A3,GRF,CL5Q,12,4,6,12,590,12,10,MNHVY,4.39043600000000,0.00000000000000
C2B2H2S2P1L1M2J1E2A1,GRF,CL5Q,12,4,6,12,590,12,40,MEPDG,2.14088200000000,0.00000000000000
C2B2H2S2P1L1M2J1E2A2,GRF,CL5Q,12,4,6,12,590,12,40,MNAVG,1.32968100000000,0.00000000000000
C2B2H2S2P1L1M2J1E2A3,GRF,CL5Q,12,4,6,12,590,12,40,MNHVY,2.25396400000000,0.00000000000000
C2B2H2S2P1L1M2J2E1A1,GRF,CL5Q,12,4,6,12,590,15,10,MEPDG,7.45363200000000,0.00000000000004
C2B2H2S2P1L1M2J2E1A2,GRF,CL5Q,12,4,6,12,590,15,10,MNAVG,5.46858900000000,0.00000000000000
C2B2H2S2P1L1M2J2E1A3,GRF,CL5Q,12,4,6,12,590,15,10,MNHVY,9.91279400000000,0.00000000000004
C2B2H2S2P1L1M2J2E2A1,GRF,CL5Q,12,4,6,12,590,15,40,MEPDG,4.21679300000000,0.00000000000002
C2B2H2S2P1L1M2J2E2A2,GRF,CL5Q,12,4,6,12,590,15,40,MNAVG,3.08024200000000,0.00000000000000
C2B2H2S2P1L1M2J2E2A3,GRF,CL5Q,12,4,6,12,590,15,40,MNHVY,5.58875000000000,0.00000000000002
C2B2H2S2P1L1M3J1E1A1,GRF,CL5Q,12,4,6,12,840,12,10,MEPDG,0.59737400000000,0.00000000000002
C2B2H2S2P1L1M3J1E1A2,GRF,CL5Q,12,4,6,12,840,12,10,MNAVG,0.29515870000000,0.00000000000000
C2B2H2S2P1L1M3J1E1A3,GRF,CL5Q,12,4,6,12,840,12,10,MNHVY,0.48737490000000,0.00000000000001
C2B2H2S2P1L1M3J1E2A1,GRF,CL5Q,12,4,6,12,840,12,40,MEPDG,0.27223980000000,0.00000000000001
C2B2H2S2P1L1M3J1E2A2,GRF,CL5Q,12,4,6,12,840,12,40,MNAVG,0.13330800000000,0.00000000000000
C2B2H2S2P1L1M3J1E2A3,GRF,CL5Q,12,4,6,12,840,12,40,MNHVY,0.21182330000000,0.00000000000000
C2B2H2S2P1L1M3J2E1A1,GRF,CL5Q,12,4,6,12,840,15,10,MEPDG,1.55619100000000,0.00000000000018
C2B2H2S2P1L1M3J2E1A2,GRF,CL5Q,12,4,6,12,840,15,10,MNAVG,0.98208210000000,0.00000000000001
C2B2H2S2P1L1M3J2E1A3,GRF,CL5Q,12,4,6,12,840,15,10,MNHVY,1.89409700000000,0.00000000000015
C2B2H2S2P1L1M3J2E2A1,GRF,CL5Q,12,4,6,12,840,15,40,MEPDG,0.79196840000000,0.00000000000007
C2B2H2S2P1L1M3J2E2A2,GRF,CL5Q,12,4,6,12,840,15,40,MNAVG,0.50746450000000,0.00000000000000
C2B2H2S2P1L1M3J2E2A3,GRF,CL5Q,12,4,6,12,840,15,40,MNHVY,0.95411990000000,0.00000000000007
C2B2H2S2P1L2M1J1E1A1,GRF,CL5Q,12,4,6,13,340,12,10,MEPDG,4.57551800000000,0.00000000000000
C2B2H2S2P1L2M1J1E1A2,GRF,CL5Q,12,4,6,13,340,12,10,MNAVG,3.17858300000000,0.00000000000000
C2B2H2S2P1L2M1J1E1A3,GRF,CL5Q,12,4,6,13,340,12,10,MNHVY,5.56333900000000,0.00000000000000
C2B2H2S2P1L2M1J1E2A1,GRF,CL5Q,12,4,6,13,340,12,40,MEPDG,4.57551800000000,0.00000000000000
C2B2H2S2P1L2M1J1E2A2,GRF,CL5Q,12,4,6,13,340,12,40,MNAVG,3.17858300000000,0.00000000000000
C2B2H2S2P1L2M1J1E2A3,GRF,CL5Q,12,4,6,13,340,12,40,MNHVY,5.56333900000000,0.00000000000000
C2B2H2S2P1L2M1J2E1A1,GRF,CL5Q,12,4,6,13,340,15,10,MEPDG,6.12501800000000,0.00000000000000
C2B2H2S2P1L2M1J2E1A2,GRF,CL5Q,12,4,6,13,340,15,10,MNAVG,4.55348700000000,0.00000000000000
C2B2H2S2P1L2M1J2E1A3,GRF,CL5Q,12,4,6,13,340,15,10,MNHVY,8.14926100000000,0.00000000000000
C2B2H2S2P1L2M1J2E2A1,GRF,CL5Q,12,4,6,13,340,15,40,MEPDG,6.12501800000000,0.00000000000000
C2B2H2S2P1L2M1J2E2A2,GRF,CL5Q,12,4,6,13,340,15,40,MNAVG,4.55348700000000,0.00000000000000
C2B2H2S2P1L2M1J2E2A3,GRF,CL5Q,12,4,6,13,340,15,40,MNHVY,8.14926100000000,0.00000000000000
C2B2H2S2P1L2M2J1E1A1,GRF,CL5Q,12,4,6,13,590,12,10,MEPDG,0.51653710000000,0.00000000000000
C2B2H2S2P1L2M2J1E1A2,GRF,CL5Q,12,4,6,13,590,12,10,MNAVG,0.31240760000000,0.00000000000000
C2B2H2S2P1L2M2J1E1A3,GRF,CL5Q,12,4,6,13,590,12,10,MNHVY,0.53635750000000,0.00000000000000
C2B2H2S2P1L2M2J1E2A1,GRF,CL5Q,12,4,6,13,590,12,40,MEPDG,0.51653710000000,0.00000000000000
C2B2H2S2P1L2M2J1E2A2,GRF,CL5Q,12,4,6,13,590,12,40,MNAVG,0.31240760000000,0.00000000000000
C2B2H2S2P1L2M2J1E2A3,GRF,CL5Q,12,4,6,13,590,12,40,MNHVY,0.53635750000000,0.00000000000000
C2B2H2S2P1L2M2J2E1A1,GRF,CL5Q,12,4,6,13,590,15,10,MEPDG,1.10433900000000,0.00000000000001
C2B2H2S2P1L2M2J2E1A2,GRF,CL5Q,12,4,6,13,590,15,10,MNAVG,0.80500160000000,0.00000000000000
C2B2H2S2P1L2M2J2E1A3,GRF,CL5Q,12,4,6,13,590,15,10,MNHVY,1.47534300000000,0.00000000000001
C2B2H2S2P1L2M2J2E2A1,GRF,CL5Q,12,4,6,13,590,15,40,MEPDG,1.10433900000000,0.00000000000001
C2B2H2S2P1L2M2J2E2A2,GRF,CL5Q,12,4,6,13,590,15,40,MNAVG,0.80500160000000,0.00000000000000
C2B2H2S2P1L2M2J2E2A3,GRF,CL5Q,12,4,6,13,590,15,40,MNHVY,1.47534300000000,0.00000000000001
C2B2H2S2P1L2M3J1E1A1,GRF,CL5Q,12,4,6,13,840,12,10,MEPDG,0.06152276000000,0.00000000000000
C2B2H2S2P1L2M3J1E1A2,GRF,CL5Q,12,4,6,13,840,12,10,MNAVG,0.02939724000000,0.00000000000000
C2B2H2S2P1L2M3J1E1A3,GRF,CL5Q,12,4,6,13,840,12,10,MNHVY,0.04696362000000,0.00000000000000
```

```
C2B2H2S2P1L2M3J1E2A1,GRF,CL5Q,12,4,6,13,840,12,40,MEPDG,0.06152276000000,0.00000000000000
C2B2H2S2P1L2M3J1E2A2,GRF,CL5Q,12,4,6,13,840,12,40,MNAVG,0.02939724000000,0.00000000000000
C2B2H2S2P1L2M3J1E2A3,GRF,CL5Q,12,4,6,13,840,12,40,MNHVY,0.04696362000000,0.00000000000000
C2B2H2S2P1L2M3J2E1A1,GRF,CL5Q,12,4,6,13,840,15,10,MEPDG,0.19955580000000,0.00000000000002
C2B2H2S2P1L2M3J2E1A2,GRF,CL5Q,12,4,6,13,840,15,10,MNAVG,0.12779300000000,0.00000000000000
C2B2H2S2P1L2M3J2E1A3,GRF,CL5Q,12,4,6,13,840,15,10,MNHVY,0.24347650000000,0.00000000000002
C2B2H2S2P1L2M3J2E2A1,GRF,CL5Q,12,4,6,13,840,15,40,MEPDG,0.19955580000000,0.00000000000002
C2B2H2S2P1L2M3J2E2A2,GRF,CL5Q,12,4,6,13,840,15,40,MNAVG,0.12779300000000,0.00000000000000
C2B2H2S2P1L2M3J2E2A3,GRF,CL5Q,12,4,6,13,840,15,40,MNHVY,0.24347650000000,0.00000000000002
C2B2H2S2P2L1M1J1E1A1,GRF,CL5Q,12,4,7,12,340,12,10,MEPDG,18.5975900000000,0.00000000000013
C2B2H2S2P2L1M1J1E1A2,GRF,CL5Q,12,4,7,12,340,12,10,MNAVG,13.4397800000000,0.00000000000001
C2B2H2S2P2L1M1J1E1A3,GRF,CL5Q,12,4,7,12,340,12,10,MNHVY,23.8427800000000,0.00000000000009
C2B2H2S2P2L1M1J1E2A1,GRF,CL5Q,12,4,7,12,340,12,40,MEPDG,10.5021700000000,0.00000000000008
C2B2H2S2P2L1M1J1E2A2,GRF,CL5Q,12,4,7,12,340,12,40,MNAVG,7.43516300000000,0.00000000000001
C2B2H2S2P2L1M1J1E2A3,GRF,CL5Q,12,4,7,12,340,12,40,MNHVY,13.1668200000000,0.00000000000007
C2B2H2S2P2L1M1J2E1A1,GRF,CL5Q,12,4,7,12,340,15,10,MEPDG,31.6458800000000,0.00000000000083
C2B2H2S2P2L1M1J2E1A2,GRF,CL5Q,12,4,7,12,340,15,10,MNAVG,25.4797600000000,0.00000000000009
C2B2H2S2P2L1M1J2E1A3,GRF,CL5Q,12,4,7,12,340,15,10,MNHVY,46.9407300000000,0.00000000000114
C2B2H2S2P2L1M1J2E2A1,GRF,CL5Q,12,4,7,12,340,15,40,MEPDG,19.2141300000000,0.00000000000054
C2B2H2S2P2L1M1J2E2A2,GRF,CL5Q,12,4,7,12,340,15,40,MNAVG,15.4078600000000,0.00000000000007
C2B2H2S2P2L1M1J2E2A3,GRF,CL5Q,12,4,7,12,340,15,40,MNHVY,28.4256000000000,0.00000000000082
C2B2H2S2P2L1M2J1E1A1,GRF,CL5Q,12,4,7,12,590,12,10,MEPDG,1.26572700000000,0.00000000000055
C2B2H2S2P2L1M2J1E1A2,GRF,CL5Q,12,4,7,12,590,12,10,MNAVG,0.64232270000000,0.00000000000002
C2B2H2S2P2L1M2J1E1A3,GRF,CL5Q,12,4,7,12,590,12,10,MNHVY,1.11705700000000,0.00000000000028
C2B2H2S2P2L1M2J1E2A1,GRF,CL5Q,12,4,7,12,590,12,40,MEPDG,0.58998460000000,0.00000000000021
C2B2H2S2P2L1M2J1E2A2,GRF,CL5Q,12,4,7,12,590,12,40,MNAVG,0.30002740000000,0.00000000000001
C2B2H2S2P2L1M2J1E2A3,GRF,CL5Q,12,4,7,12,590,12,40,MNHVY,0.49774460000000,0.00000000000012
C2B2H2S2P2L1M2J2E1A1,GRF,CL5Q,12,4,7,12,590,15,10,MEPDG,3.58314300000000,0.00000000000460
C2B2H2S2P2L1M2J2E1A2,GRF,CL5Q,12,4,7,12,590,15,10,MNAVG,2.31721600000000,0.00000000000036
C2B2H2S2P2L1M2J2E1A3,GRF,CL5Q,12,4,7,12,590,15,10,MNHVY,4.61612700000000,0.00000000000500
C2B2H2S2P2L1M2J2E2A1,GRF,CL5Q,12,4,7,12,590,15,40,MEPDG,1.87908600000000,0.00000000000237
C2B2H2S2P2L1M2J2E2A2,GRF,CL5Q,12,4,7,12,590,15,40,MNAVG,1.24634100000000,0.00000000000021
C2B2H2S2P2L1M2J2E2A3,GRF,CL5Q,12,4,7,12,590,15,40,MNHVY,2.40184800000000,0.00000000000288
C2B2H2S2P2L1M3J1E1A1,GRF,CL5Q,12,4,7,12,840,12,10,MEPDG,0.12555470000000,0.00001045887000
C2B2H2S2P2L1M3J1E1A2,GRF,CL5Q,12,4,7,12,840,12,10,MNAVG,0.04592436000000,0.00000136305700
C2B2H2S2P2L1M3J1E1A3,GRF,CL5Q,12,4,7,12,840,12,10,MNHVY,0.07467439000000,0.00001676586000
C2B2H2S2P2L1M3J1E2A1,GRF,CL5Q,12,4,7,12,840,12,40,MEPDG,0.04920294000000,0.00002234133000
C2B2H2S2P2L1M3J1E2A2,GRF,CL5Q,12,4,7,12,840,12,40,MNAVG,0.01841050000000,0.00000241767700
C2B2H2S2P2L1M3J1E2A3,GRF,CL5Q,12,4,7,12,840,12,40,MNHVY,0.02729615000000,0.00003116362000
C2B2H2S2P2L1M3J2E1A1,GRF,CL5Q,12,4,7,12,840,15,10,MEPDG,0.55259450000000,0.00000000001819
C2B2H2S2P2L1M3J2E1A2,GRF,CL5Q,12,4,7,12,840,15,10,MNAVG,0.27634260000000,0.00000000000119
C2B2H2S2P2L1M3J2E1A3,GRF,CL5Q,12,4,7,12,840,15,10,MNHVY,0.60625140000000,0.00000000001785
C2B2H2S2P2L1M3J2E2A1,GRF,CL5Q,12,4,7,12,840,15,40,MEPDG,0.25008510000000,0.00000000000572
C2B2H2S2P2L1M3J2E2A2,GRF,CL5Q,12,4,7,12,840,15,40,MNAVG,0.13096650000000,0.00000000000037
C2B2H2S2P2L1M3J2E2A3,GRF,CL5Q,12,4,7,12,840,15,40,MNHVY,0.26848870000000,0.00000000000549
C2B2H2S2P2L2M1J1E1A1,GRF,CL5Q,12,4,7,13,340,12,10,MEPDG,2.66675000000000,0.00000000000003
C2B2H2S2P2L2M1J1E1A2,GRF,CL5Q,12,4,7,13,340,12,10,MNAVG,1.84911200000000,0.00000000000000
C2B2H2S2P2L2M1J1E1A3,GRF,CL5Q,12,4,7,13,340,12,10,MNHVY,3.30031500000000,0.00000000000003
C2B2H2S2P2L2M1J1E2A1,GRF,CL5Q,12,4,7,13,340,12,40,MEPDG,2.66675000000000,0.00000000000003
C2B2H2S2P2L2M1J1E2A2,GRF,CL5Q,12,4,7,13,340,12,40,MNAVG,1.84911200000000,0.00000000000000
```

```
C2B2H2S2P2L2M1J1E2A3,GRF,CL5Q,12,4,7,13,340,12,40,MNHVY,3.30031500000000,0.00000000000003
C2B2H2S2P2L2M1J2E1A1,GRF,CL5Q,12,4,7,13,340,15,10,MEPDG,5.30784300000000,0.00000000000035
C2B2H2S2P2L2M1J2E1A2,GRF,CL5Q,12,4,7,13,340,15,10,MNAVG,4.26092500000000,0.00000000000005
C2B2H2S2P2L2M1J2E1A3,GRF,CL5Q,12,4,7,13,340,15,10,MNHVY,7.88936600000000,0.00000000000058
C2B2H2S2P2L2M1J2E2A1,GRF,CL5Q,12,4,7,13,340,15,40,MEPDG,5.30784300000000,0.00000000000035
C2B2H2S2P2L2M1J2E2A2,GRF,CL5Q,12,4,7,13,340,15,40,MNAVG,4.26092500000000,0.00000000000005
C2B2H2S2P2L2M1J2E2A3,GRF,CL5Q,12,4,7,13,340,15,40,MNHVY,7.88936600000000,0.00000000000058
C2B2H2S2P2L2M2J1E1A1,GRF,CL5Q,12,4,7,13,590,12,10,MEPDG,0.13622670000000,0.00000000000007
C2B2H2S2P2L2M2J1E1A2,GRF,CL5Q,12,4,7,13,590,12,10,MNAVG,0.06776624000000,0.00000000000000
C2B2H2S2P2L2M2J1E1A3,GRF,CL5Q,12,4,7,13,590,12,10,MNHVY,0.11250240000000,0.00000000000004
C2B2H2S2P2L2M2J1E2A1,GRF,CL5Q,12,4,7,13,590,12,40,MEPDG,0.13622670000000,0.00000000000007
C2B2H2S2P2L2M2J1E2A2,GRF,CL5Q,12,4,7,13,590,12,40,MNAVG,0.06776624000000,0.00000000000000
C2B2H2S2P2L2M2J1E2A3,GRF,CL5Q,12,4,7,13,590,12,40,MNHVY,0.11250240000000,0.00000000000004
C2B2H2S2P2L2M2J2E1A1,GRF,CL5Q,12,4,7,13,590,15,10,MEPDG,0.48857900000000,0.00000000000100
C2B2H2S2P2L2M2J2E1A2,GRF,CL5Q,12,4,7,13,590,15,10,MNAVG,0.32523830000000,0.00000000000010
C2B2H2S2P2L2M2J2E1A3,GRF,CL5Q,12,4,7,13,590,15,10,MNHVY,0.62943880000000,0.00000000000132
C2B2H2S2P2L2M2J2E2A1,GRF,CL5Q,12,4,7,13,590,15,40,MEPDG,0.48857900000000,0.00000000000100
C2B2H2S2P2L2M2J2E2A2,GRF,CL5Q,12,4,7,13,590,15,40,MNAVG,0.32523830000000,0.00000000000010
C2B2H2S2P2L2M2J2E2A3,GRF,CL5Q,12,4,7,13,590,15,40,MNHVY,0.62943880000000,0.00000000000132
C2B2H2S2P2L2M3J1E1A1,GRF,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01046732000000,0.00000974016700
C2B2H2S2P2L2M3J1E1A2,GRF,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00386215300000,0.00000102750900
C2B2H2S2P2L2M3J1E1A3,GRF,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00564092000000,0.00001324174000
C2B2H2S2P2L2M3J1E2A1,GRF,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01046732000000,0.00000974016700
C2B2H2S2P2L2M3J1E2A2,GRF,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00386215300000,0.00000102750900
C2B2H2S2P2L2M3J1E2A3,GRF,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00564092000000,0.00001324174000
C2B2H2S2P2L2M3J2E1A1,GRF,CL5Q,12,4,7,13,840,15,10,MEPDG,0.06019413000000,0.00000000000184
C2B2H2S2P2L2M3J2E1A2,GRF,CL5Q,12,4,7,13,840,15,10,MNAVG,0.03149527000000,0.00000000000012
C2B2H2S2P2L2M3J2E1A3,GRF,CL5Q,12,4,7,13,840,15,10,MNHVY,0.06435676000000,0.00000000000182
C2B2H2S2P2L2M3J2E2A1,GRF,CL5Q,12,4,7,13,840,15,40,MEPDG,0.06019413000000,0.00000000000184
C2B2H2S2P2L2M3J2E2A2,GRF,CL5Q,12,4,7,13,840,15,40,MNAVG,0.03149527000000,0.00000000000012
C2B2H2S2P2L2M3J2E2A3,GRF,CL5Q,12,4,7,13,840,15,40,MNHVY,0.06435676000000,0.00000000000182
C2B2H2S2P3L1M1J1E1A1,GRF,CL5Q,12,4,8,12,340,12,10,MEPDG,7.45275400000000,0.00000000000645
C2B2H2S2P3L1M1J1E1A2,GRF,CL5Q,12,4,8,12,340,12,10,MNAVG,4.57041300000000,0.00000000000036
C2B2H2S2P3L1M1J1E1A3,GRF,CL5Q,12,4,8,12,340,12,10,MNHVY,8.23044100000000,0.00000000000495
C2B2H2S2P3L1M1J1E2A1,GRF,CL5Q,12,4,8,12,340,12,40,MEPDG,3.85742800000000,0.00005953710000
C2B2H2S2P3L1M1J1E2A2,GRF,CL5Q,12,4,8,12,340,12,40,MNAVG,2.36247300000000,0.00001160925000
C2B2H2S2P3L1M1J1E2A3,GRF,CL5Q,12,4,8,12,340,12,40,MNHVY,4.12201000000000,0.00011997550000
C2B2H2S2P3L1M1J2E1A1,GRF,CL5Q,12,4,8,12,340,15,10,MEPDG,16.78443000000000,0.00000000005881
C2B2H2S2P3L1M1J2E1A2,GRF,CL5Q,12,4,8,12,340,15,10,MNAVG,12.28735000000000,0.00000000000668
C2B2H2S2P3L1M1J2E1A3,GRF,CL5Q,12,4,8,12,340,15,10,MNHVY,23.73704000000000,0.00000000008271
C2B2H2S2P3L1M1J2E2A1,GRF,CL5Q,12,4,8,12,340,15,40,MEPDG,9.61919900000000,0.00000000004291
C2B2H2S2P3L1M1J2E2A2,GRF,CL5Q,12,4,8,12,340,15,40,MNAVG,7.17228800000000,0.00000000000568
C2B2H2S2P3L1M1J2E2A3,GRF,CL5Q,12,4,8,12,340,15,40,MNHVY,13.55943000000000,0.00000000006675
C2B2H2S2P3L1M2J1E1A1,GRF,CL5Q,12,4,8,12,590,12,10,MEPDG,0.29556660000000,0.00007135806000
C2B2H2S2P3L1M2J1E1A2,GRF,CL5Q,12,4,8,12,590,12,10,MNAVG,0.11181510000000,0.00001223908000
C2B2H2S2P3L1M2J1E1A3,GRF,CL5Q,12,4,8,12,590,12,10,MNHVY,0.18751360000000,0.00013577760000
C2B2H2S2P3L1M2J1E2A1,GRF,CL5Q,12,4,8,12,590,12,40,MEPDG,0.12020480000000,0.00010737950000
C2B2H2S2P3L1M2J1E2A2,GRF,CL5Q,12,4,8,12,590,12,40,MNAVG,0.04690122000000,0.00001684106000
C2B2H2S2P3L1M2J1E2A3,GRF,CL5Q,12,4,8,12,590,12,40,MNHVY,0.07176006000000,0.00019307470000
C2B2H2S2P3L1M2J2E1A1,GRF,CL5Q,12,4,8,12,590,15,10,MEPDG,1.26552200000000,0.00009325361000
```

```
C2B2H2S2P3L1M2J2E1A2,GRF,CL5Q,12,4,8,12,590,15,10,MNAVG,0.66354980000000,0.00001925874000
C2B2H2S2P3L1M2J2E1A3,GRF,CL5Q,12,4,8,12,590,15,10,MNHVY,1.43249000000000,0.00019318690000
C2B2H2S2P3L1M2J2E2A1,GRF,CL5Q,12,4,8,12,590,15,40,MEPDG,0.60075310000000,0.00006215533000
C2B2H2S2P3L1M2J2E2A2,GRF,CL5Q,12,4,8,12,590,15,40,MNAVG,0.33146550000000,0.00001230684000
C2B2H2S2P3L1M2J2E2A3,GRF,CL5Q,12,4,8,12,590,15,40,MNHVY,0.66994420000000,0.00012599540000
C2B2H2S2P3L1M3J1E1A1,GRF,CL5Q,12,4,8,12,840,12,10,MEPDG,0.01825351000000,0.00007913484000
C2B2H2S2P3L1M3J1E1A2,GRF,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00494998600000,0.00000971837100
C2B2H2S2P3L1M3J1E1A3,GRF,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00682401800000,0.00012194160000
C2B2H2S2P3L1M3J1E2A1,GRF,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00600394500000,0.00005977559000
C2B2H2S2P3L1M3J1E2A2,GRF,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00177230500000,0.00000610202400
C2B2H2S2P3L1M3J1E2A3,GRF,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00215139300000,0.00007986810000
C2B2H2S2P3L1M3J2E1A1,GRF,CL5Q,12,4,8,12,840,15,10,MEPDG,0.12992960000000,0.00017899050000
C2B2H2S2P3L1M3J2E1A2,GRF,CL5Q,12,4,8,12,840,15,10,MNAVG,0.04728058000000,0.00003018193000
C2B2H2S2P3L1M3J2E1A3,GRF,CL5Q,12,4,8,12,840,15,10,MNHVY,0.11087230000000,0.00034371390000
C2B2H2S2P3L1M3J2E2A1,GRF,CL5Q,12,4,8,12,840,15,40,MEPDG,0.05071186000000,0.00020429620000
C2B2H2S2P3L1M3J2E2A2,GRF,CL5Q,12,4,8,12,840,15,40,MNAVG,0.01988736000000,0.00003122121000
C2B2H2S2P3L1M3J2E2A3,GRF,CL5Q,12,4,8,12,840,15,40,MNHVY,0.04147429000000,0.00036877660000
C2B2H2S2P3L2M1J1E1A1,GRF,CL5Q,12,4,8,13,340,12,10,MEPDG,0.94466660000000,0.00002862257000
C2B2H2S2P3L2M1J1E1A2,GRF,CL5Q,12,4,8,13,340,12,10,MNAVG,0.56744340000000,0.00000569687600
C2B2H2S2P3L2M1J1E1A3,GRF,CL5Q,12,4,8,13,340,12,10,MNHVY,0.99119400000000,0.00005798670000
C2B2H2S2P3L2M1J1E2A1,GRF,CL5Q,12,4,8,13,340,12,40,MEPDG,0.94466660000000,0.00002862257000
C2B2H2S2P3L2M1J1E2A2,GRF,CL5Q,12,4,8,13,340,12,40,MNAVG,0.56744340000000,0.00000569687600
C2B2H2S2P3L2M1J1E2A3,GRF,CL5Q,12,4,8,13,340,12,40,MNHVY,0.99119400000000,0.00005798670000
C2B2H2S2P3L2M1J2E1A1,GRF,CL5Q,12,4,8,13,340,15,10,MEPDG,2.63328200000000,0.00000000002342
C2B2H2S2P3L2M1J2E1A2,GRF,CL5Q,12,4,8,13,340,15,10,MNAVG,1.97578600000000,0.00000000000344
C2B2H2S2P3L2M1J2E1A3,GRF,CL5Q,12,4,8,13,340,15,10,MNHVY,3.73260000000000,0.00000000003883
C2B2H2S2P3L2M1J2E2A1,GRF,CL5Q,12,4,8,13,340,15,40,MEPDG,2.63328200000000,0.00000000002342
C2B2H2S2P3L2M1J2E2A2,GRF,CL5Q,12,4,8,13,340,15,40,MNAVG,1.97578600000000,0.00000000000344
C2B2H2S2P3L2M1J2E2A3,GRF,CL5Q,12,4,8,13,340,15,40,MNHVY,3.73260000000000,0.00000000003883
C2B2H2S2P3L2M2J1E1A1,GRF,CL5Q,12,4,8,13,590,12,10,MEPDG,0.02623503000000,0.00005422179000
C2B2H2S2P3L2M2J1E1A2,GRF,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01011319000000,0.00000857472200
C2B2H2S2P3L2M2J1E1A3,GRF,CL5Q,12,4,8,13,590,12,10,MNHVY,0.01526522000000,0.00009741783000
C2B2H2S2P3L2M2J1E2A1,GRF,CL5Q,12,4,8,13,590,12,40,MEPDG,0.02623503000000,0.00005422179000
C2B2H2S2P3L2M2J1E2A2,GRF,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01011319000000,0.00000857472200
C2B2H2S2P3L2M2J1E2A3,GRF,CL5Q,12,4,8,13,590,12,40,MNHVY,0.01526522000000,0.00009741783000
C2B2H2S2P3L2M2J2E1A1,GRF,CL5Q,12,4,8,13,590,15,10,MEPDG,0.14982950000000,0.00007979823000
C2B2H2S2P3L2M2J2E1A2,GRF,CL5Q,12,4,8,13,590,15,10,MNAVG,0.08310659000000,0.00001606697000
C2B2H2S2P3L2M2J2E1A3,GRF,CL5Q,12,4,8,13,590,15,10,MNHVY,0.16739140000000,0.00016144070000
C2B2H2S2P3L2M2J2E2A1,GRF,CL5Q,12,4,8,13,590,15,40,MEPDG,0.14982950000000,0.00007979823000
C2B2H2S2P3L2M2J2E2A2,GRF,CL5Q,12,4,8,13,590,15,40,MNAVG,0.08310659000000,0.00001606697000
C2B2H2S2P3L2M2J2E2A3,GRF,CL5Q,12,4,8,13,590,15,40,MNHVY,0.16739140000000,0.00016144070000
C2B2H2S2P3L2M3J1E1A1,GRF,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00118065200000,0.00002643947000
C2B2H2S2P3L2M3J1E1A2,GRF,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00035184580000,0.00000261490000
C2B2H2S2P3L2M3J1E1A3,GRF,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00041335520000,0.00003426472000
C2B2H2S2P3L2M3J1E2A1,GRF,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00118065200000,0.00002643947000
C2B2H2S2P3L2M3J1E2A2,GRF,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00035184580000,0.00000261490000
C2B2H2S2P3L2M3J1E2A3,GRF,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00041335520000,0.00003426472000
C2B2H2S2P3L2M3J2E1A1,GRF,CL5Q,12,4,8,13,840,15,10,MEPDG,0.01145300000000,0.00010802850000
C2B2H2S2P3L2M3J2E1A2,GRF,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00450616800000,0.00001646015000
C2B2H2S2P3L2M3J2E1A3,GRF,CL5Q,12,4,8,13,840,15,10,MNHVY,0.00926119400000,0.00019359870000
```

```
C2B2H2S2P3L2M3J2E2A1,GRF,CL5Q,12,4,8,13,840,15,40,MEPDG,0.01145300000000,0.00010802850000
C2B2H2S2P3L2M3J2E2A2,GRF,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00450616800000,0.00001646015000
C2B2H2S2P3L2M3J2E2A3,GRF,CL5Q,12,4,8,13,840,15,40,MNHVY,0.00926119400000,0.00019359870000
C2B2H2S2P4L1M1J1E1A1,GRF,CL5Q,12,4,9,12,340,12,10,MEPDG,2.49121900000000,0.00096457730000
C2B2H2S2P4L1M1J1E1A2,GRF,CL5Q,12,4,9,12,340,12,10,MNAVG,1.22299700000000,0.00018577530000
C2B2H2S2P4L1M1J1E1A3,GRF,CL5Q,12,4,9,12,340,12,10,MNHVY,2.18444200000000,0.00197182600000
C2B2H2S2P4L1M1J1E2A1,GRF,CL5Q,12,4,9,12,340,12,40,MEPDG,1.16751300000000,0.00069215130000
C2B2H2S2P4L1M1J1E2A2,GRF,CL5Q,12,4,9,12,340,12,40,MNAVG,0.58259430000000,0.00012998240000
C2B2H2S2P4L1M1J1E2A3,GRF,CL5Q,12,4,9,12,340,12,40,MNHVY,0.97664960000000,0.00138869100000
C2B2H2S2P4L1M1J2E1A1,GRF,CL5Q,12,4,9,12,340,15,10,MEPDG,7.45522000000000,0.00225329300000
C2B2H2S2P4L1M1J2E1A2,GRF,CL5Q,12,4,9,12,340,15,10,MNAVG,4.73753200000000,0.00050189500000
C2B2H2S2P4L1M1J2E1A3,GRF,CL5Q,12,4,9,12,340,15,10,MNHVY,9.62100900000000,0.00473125100000
C2B2H2S2P4L1M1J2E2A1,GRF,CL5Q,12,4,9,12,340,15,40,MEPDG,3.96770600000000,0.00187992700000
C2B2H2S2P4L1M1J2E2A2,GRF,CL5Q,12,4,9,12,340,15,40,MNAVG,2.61911600000000,0.00041500250000
C2B2H2S2P4L1M1J2E2A3,GRF,CL5Q,12,4,9,12,340,15,40,MNHVY,5.08547300000000,0.00391028900000
C2B2H2S2P4L1M2J1E1A1,GRF,CL5Q,12,4,9,12,590,12,10,MEPDG,0.05620842000000,0.00047740220000
C2B2H2S2P4L1M2J1E1A2,GRF,CL5Q,12,4,9,12,590,12,10,MNAVG,0.01594109000000,0.00007382491000
C2B2H2S2P4L1M2J1E1A3,GRF,CL5Q,12,4,9,12,590,12,10,MNHVY,0.02353503000000,0.00087365800000
C2B2H2S2P4L1M2J1E2A1,GRF,CL5Q,12,4,9,12,590,12,40,MEPDG,0.01969597000000,0.00032203460000
C2B2H2S2P4L1M2J1E2A2,GRF,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00599608200000,0.00004601813000
C2B2H2S2P4L1M2J1E2A3,GRF,CL5Q,12,4,9,12,590,12,40,MNHVY,0.00781561800000,0.00055511900000
C2B2H2S2P4L1M2J2E1A1,GRF,CL5Q,12,4,9,12,590,15,10,MEPDG,0.33858410000000,0.00120616700000
C2B2H2S2P4L1M2J2E1A2,GRF,CL5Q,12,4,9,12,590,15,10,MNAVG,0.13565870000000,0.00023547550000
C2B2H2S2P4L1M2J2E1A3,GRF,CL5Q,12,4,9,12,590,15,10,MNHVY,0.30360630000000,0.00248091200000
C2B2H2S2P4L1M2J2E2A1,GRF,CL5Q,12,4,9,12,590,15,40,MEPDG,0.14119970000000,0.00090042050000
C2B2H2S2P4L1M2J2E2A2,GRF,CL5Q,12,4,9,12,590,15,40,MNAVG,0.06086154000000,0.00016941750000
C2B2H2S2P4L1M2J2E2A3,GRF,CL5Q,12,4,9,12,590,15,40,MNHVY,0.12276010000000,0.00181116600000
C2B2H2S2P4L1M3J1E1A1,GRF,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00222476800000,0.00007632416000
C2B2H2S2P4L1M3J1E1A2,GRF,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00050846380000,0.00000806146000
C2B2H2S2P4L1M3J1E1A3,GRF,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00054759640000,0.00010665810000
C2B2H2S2P4L1M3J1E2A1,GRF,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00060919240000,0.00005409859000
C2B2H2S2P4L1M3J1E2A2,GRF,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00016294070000,0.00000479086200
C2B2H2S2P4L1M3J1E2A3,GRF,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00015410690000,0.00006489352000
C2B2H2S2P4L1M3J2E1A1,GRF,CL5Q,12,4,9,12,840,15,10,MEPDG,0.02131171000000,0.00048586800000
C2B2H2S2P4L1M3J2E1A2,GRF,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00556726800000,0.00007477344000
C2B2H2S2P4L1M3J2E1A3,GRF,CL5Q,12,4,9,12,840,15,10,MNHVY,0.01210475000000,0.00089833480000
C2B2H2S2P4L1M3J2E2A1,GRF,CL5Q,12,4,9,12,840,15,40,MEPDG,0.00718633200000,0.00034795290000
C2B2H2S2P4L1M3J2E2A2,GRF,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00209216900000,0.00004861045000
C2B2H2S2P4L1M3J2E2A3,GRF,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00399466500000,0.00060101730000
C2B2H2S2P4L2M1J1E1A1,GRF,CL5Q,12,4,9,13,340,12,10,MEPDG,0.27243220000000,0.00034999700000
C2B2H2S2P4L2M1J1E1A2,GRF,CL5Q,12,4,9,13,340,12,10,MNAVG,0.13355010000000,0.00006661859000
C2B2H2S2P4L2M1J1E1A3,GRF,CL5Q,12,4,9,13,340,12,10,MNHVY,0.22190360000000,0.00070492340000
C2B2H2S2P4L2M1J1E2A1,GRF,CL5Q,12,4,9,13,340,12,40,MEPDG,0.27243220000000,0.00034999700000
C2B2H2S2P4L2M1J1E2A2,GRF,CL5Q,12,4,9,13,340,12,40,MNAVG,0.13355010000000,0.00006661859000
C2B2H2S2P4L2M1J1E2A3,GRF,CL5Q,12,4,9,13,340,12,40,MNHVY,0.22190360000000,0.00070492340000
C2B2H2S2P4L2M1J2E1A1,GRF,CL5Q,12,4,9,13,340,15,10,MEPDG,1.05329100000000,0.00114258100000
C2B2H2S2P4L2M1J2E1A2,GRF,CL5Q,12,4,9,13,340,15,10,MNAVG,0.70108430000000,0.00025662100000
C2B2H2S2P4L2M1J2E1A3,GRF,CL5Q,12,4,9,13,340,15,10,MNHVY,1.35438100000000,0.00237408800000
C2B2H2S2P4L2M1J2E2A1,GRF,CL5Q,12,4,9,13,340,15,40,MEPDG,1.05329100000000,0.00114258100000
C2B2H2S2P4L2M1J2E2A2,GRF,CL5Q,12,4,9,13,340,15,40,MNAVG,0.70108430000000,0.00025662100000
```

```
C2B2H2S2P4L2M1J2E2A3,GRF,CL5Q,12,4,9,13,340,15,40,MNHVY,1.35438100000000,0.00237408800000
C2B2H2S2P4L2M2J1E1A1,GRF,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00399758200000,0.00014934030000
C2B2H2S2P4L2M2J1E1A2,GRF,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00122383200000,0.00002136078000
C2B2H2S2P4L2M2J1E1A3,GRF,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00154473500000,0.00025657140000
C2B2H2S2P4L2M2J1E2A1,GRF,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00399758200000,0.00014934030000
C2B2H2S2P4L2M2J1E2A2,GRF,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00122383200000,0.00002136078000
C2B2H2S2P4L2M2J1E2A3,GRF,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00154473500000,0.00025657140000
C2B2H2S2P4L2M2J2E1A1,GRF,CL5Q,12,4,9,13,590,15,10,MEPDG,0.03297010000000,0.00052121630000
C2B2H2S2P4L2M2J2E1A2,GRF,CL5Q,12,4,9,13,590,15,10,MNAVG,0.01430705000000,0.00009917115000
C2B2H2S2P4L2M2J2E1A3,GRF,CL5Q,12,4,9,13,590,15,10,MNHVY,0.02841852000000,0.00104826300000
C2B2H2S2P4L2M2J2E2A1,GRF,CL5Q,12,4,9,13,590,15,40,MEPDG,0.03297010000000,0.00052121630000
C2B2H2S2P4L2M2J2E2A2,GRF,CL5Q,12,4,9,13,590,15,40,MNAVG,0.01430705000000,0.00009917115000
C2B2H2S2P4L2M2J2E2A3,GRF,CL5Q,12,4,9,13,590,15,40,MNHVY,0.02841852000000,0.00104826300000
C2B2H2S2P4L2M3J1E1A1,GRF,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00011037610000,0.00002266886000
C2B2H2S2P4L2M3J1E1A2,GRF,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00003060182000,0.00000192748100
C2B2H2S2P4L2M3J1E1A3,GRF,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00002785451000,0.00002615768000
C2B2H2S2P4L2M3J1E2A1,GRF,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00011037610000,0.00002266886000
C2B2H2S2P4L2M3J1E2A2,GRF,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00003060182000,0.00000192748100
C2B2H2S2P4L2M3J1E2A3,GRF,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00002785451000,0.00002615768000
C2B2H2S2P4L2M3J2E1A1,GRF,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00150064700000,0.00017244110000
C2B2H2S2P4L2M3J2E1A2,GRF,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00044349800000,0.00002389663000
C2B2H2S2P4L2M3J2E1A3,GRF,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00082210180000,0.00029465500000
C2B2H2S2P4L2M3J2E2A1,GRF,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00150064700000,0.00017244110000
C2B2H2S2P4L2M3J2E2A2,GRF,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00044349800000,0.00002389663000
C2B2H2S2P4L2M3J2E2A3,GRF,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00082210180000,0.00029465500000
C2B2H2S2P5L1M1J1E1A1,GRF,CL5Q,12,4,10,12,340,12,10,MEPDG,0.75218670000000,0.00398209800000
C2B2H2S2P5L1M1J1E1A2,GRF,CL5Q,12,4,10,12,340,12,10,MNAVG,0.28551860000000,0.00070087040000
C2B2H2S2P5L1M1J1E1A3,GRF,CL5Q,12,4,10,12,340,12,10,MNHVY,0.49119370000000,0.00800538200000
C2B2H2S2P5L1M1J1E2A1,GRF,CL5Q,12,4,10,12,340,12,40,MEPDG,0.31710390000000,0.00277621600000
C2B2H2S2P5L1M1J1E2A2,GRF,CL5Q,12,4,10,12,340,12,40,MNAVG,0.12528980000000,0.00047915540000
C2B2H2S2P5L1M1J1E2A3,GRF,CL5Q,12,4,10,12,340,12,40,MNHVY,0.19606790000000,0.00546261700000
C2B2H2S2P5L1M1J2E1A1,GRF,CL5Q,12,4,10,12,340,15,10,MEPDG,2.95588700000000,0.00574061600000
C2B2H2S2P5L1M1J2E1A2,GRF,CL5Q,12,4,10,12,340,15,10,MNAVG,1.57631900000000,0.00120936300000
C2B2H2S2P5L1M1J2E1A3,GRF,CL5Q,12,4,10,12,340,15,10,MNHVY,3.34494200000000,0.01210275000000
C2B2H2S2P5L1M1J2E2A1,GRF,CL5Q,12,4,10,12,340,15,40,MEPDG,1.44632800000000,0.00483384000000
C2B2H2S2P5L1M1J2E2A2,GRF,CL5Q,12,4,10,12,340,15,40,MNAVG,0.81632490000000,0.00101416400000
C2B2H2S2P5L1M1J2E2A3,GRF,CL5Q,12,4,10,12,340,15,40,MNHVY,1.61696200000000,0.01008604000000
C2B2H2S2P5L1M2J1E1A1,GRF,CL5Q,12,4,10,12,590,12,10,MEPDG,0.00988714200000,0.00057521440000
C2B2H2S2P5L1M2J1E1A2,GRF,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00227400800000,0.00007432720000
C2B2H2S2P5L1M2J1E1A3,GRF,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00282102000000,0.00097053810000
C2B2H2S2P5L1M2J1E2A1,GRF,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00298860400000,0.00037034840000
C2B2H2S2P5L1M2J1E2A2,GRF,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00078703190000,0.00004504980000
C2B2H2S2P5L1M2J1E2A3,GRF,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00085024800000,0.00058684740000
C2B2H2S2P5L1M2J2E1A1,GRF,CL5Q,12,4,10,12,590,15,10,MEPDG,0.07529622000000,0.00258081300000
C2B2H2S2P5L1M2J2E1A2,GRF,CL5Q,12,4,10,12,590,15,10,MNAVG,0.02232041000000,0.00045566110000
C2B2H2S2P5L1M2J2E1A3,GRF,CL5Q,12,4,10,12,590,15,10,MNHVY,0.04869087000000,0.00518222000000
C2B2H2S2P5L1M2J2E2A1,GRF,CL5Q,12,4,10,12,590,15,40,MEPDG,0.02763051000000,0.00179820400000
C2B2H2S2P5L1M2J2E2A2,GRF,CL5Q,12,4,10,12,590,15,40,MNAVG,0.00904919300000,0.00030868420000
C2B2H2S2P5L1M2J2E2A3,GRF,CL5Q,12,4,10,12,590,15,40,MNHVY,0.01717939000000,0.00352472400000
C2B2H2S2P5L1M3J1E1A1,GRF,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00027592430000,0.00004479310000
```

```
C2B2H2S2P5L1M3J1E1A2,GRF,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00005792124000,0.00000388941100
C2B2H2S2P5L1M3J1E1A3,GRF,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00005057661000,0.00005549373000
C2B2H2S2P5L1M3J1E2A1,GRF,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00006330487000,0.00003222708000
C2B2H2S2P5L1M3J1E2A2,GRF,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00001655255000,0.00000242666500
C2B2H2S2P5L1M3J1E2A3,GRF,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00001282656000,0.00003450698000
C2B2H2S2P5L1M3J2E1A1,GRF,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00294178300000,0.00042292970000
C2B2H2S2P5L1M3J2E1A2,GRF,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00057949780000,0.00005747284000
C2B2H2S2P5L1M3J2E1A3,GRF,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00106608800000,0.00073461160000
C2B2H2S2P5L1M3J2E2A1,GRF,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00084924730000,0.00027750720000
C2B2H2S2P5L1M3J2E2A2,GRF,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00019673500000,0.00003458011000
C2B2H2S2P5L1M3J2E2A3,GRF,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00030247100000,0.00044868040000
C2B2H2S2P5L2M1J1E1A1,GRF,CL5Q,12,4,10,13,340,12,10,MEPDG,0.07032280000000,0.00140866300000
C2B2H2S2P5L2M1J1E1A2,GRF,CL5Q,12,4,10,13,340,12,10,MNAVG,0.02747893000000,0.00024484850000
C2B2H2S2P5L2M1J1E1A3,GRF,CL5Q,12,4,10,13,340,12,10,MNHVY,0.04211225000000,0.00278081200000
C2B2H2S2P5L2M1J1E2A1,GRF,CL5Q,12,4,10,13,340,12,40,MEPDG,0.07032280000000,0.00140866300000
C2B2H2S2P5L2M1J1E2A2,GRF,CL5Q,12,4,10,13,340,12,40,MNAVG,0.02747893000000,0.00024484850000
C2B2H2S2P5L2M1J1E2A3,GRF,CL5Q,12,4,10,13,340,12,40,MNHVY,0.04211225000000,0.00278081200000
C2B2H2S2P5L2M1J2E1A1,GRF,CL5Q,12,4,10,13,340,15,10,MEPDG,0.36868470000000,0.00370116400000
C2B2H2S2P5L2M1J2E1A2,GRF,CL5Q,12,4,10,13,340,15,10,MNAVG,0.21026180000000,0.00079085010000
C2B2H2S2P5L2M1J2E1A3,GRF,CL5Q,12,4,10,13,340,15,10,MNHVY,0.41215570000000,0.00772343100000
C2B2H2S2P5L2M1J2E2A1,GRF,CL5Q,12,4,10,13,340,15,40,MEPDG,0.36868470000000,0.00370116400000
C2B2H2S2P5L2M1J2E2A2,GRF,CL5Q,12,4,10,13,340,15,40,MNAVG,0.21026180000000,0.00079085010000
C2B2H2S2P5L2M1J2E2A3,GRF,CL5Q,12,4,10,13,340,15,40,MNHVY,0.41215570000000,0.00772343100000
C2B2H2S2P5L2M2J1E1A1,GRF,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00056692840000,0.00016556600000
C2B2H2S2P5L2M2J1E1A2,GRF,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00015374050000,0.00002001643000
C2B2H2S2P5L2M2J1E1A3,GRF,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00015953890000,0.00026081800000
C2B2H2S2P5L2M2J1E2A1,GRF,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00056692840000,0.00016556600000
C2B2H2S2P5L2M2J1E2A2,GRF,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00015374050000,0.00002001643000
C2B2H2S2P5L2M2J1E2A3,GRF,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00015953890000,0.00026081800000
C2B2H2S2P5L2M2J2E1A1,GRF,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00602575900000,0.00096927810000
C2B2H2S2P5L2M2J2E1A2,GRF,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00200056100000,0.00016813810000
C2B2H2S2P5L2M2J2E1A3,GRF,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00369097600000,0.00190172600000
C2B2H2S2P5L2M2J2E2A1,GRF,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00602575900000,0.00096927810000
C2B2H2S2P5L2M2J2E2A2,GRF,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00200056100000,0.00016813810000
C2B2H2S2P5L2M2J2E2A3,GRF,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00369097600000,0.00190172600000
C2B2H2S2P5L2M3J1E1A1,GRF,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00001063370000,0.00001394324000
C2B2H2S2P5L2M3J1E1A2,GRF,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000293731400,0.00000101060700
C2B2H2S2P5L2M3J1E1A3,GRF,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000219479300,0.00001437773000
C2B2H2S2P5L2M3J1E2A1,GRF,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00001063370000,0.00001394324000
C2B2H2S2P5L2M3J1E2A2,GRF,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000293731400,0.00000101060700
C2B2H2S2P5L2M3J1E2A3,GRF,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000219479300,0.00001437773000
C2B2H2S2P5L2M3J2E1A1,GRF,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00016381970000,0.00013739400000
C2B2H2S2P5L2M3J2E1A2,GRF,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00003924649000,0.00001693046000
C2B2H2S2P5L2M3J2E1A3,GRF,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00005775648000,0.00021925060000
C2B2H2S2P5L2M3J2E2A1,GRF,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00016381970000,0.00013739400000
C2B2H2S2P5L2M3J2E2A2,GRF,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00003924649000,0.00001693046000
C2B2H2S2P5L2M3J2E2A3,GRF,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00005775648000,0.00021925060000
C2B2H2S2P6L1M1J1E1A1,GRF,CL5Q,12,4,11,12,340,12,10,MEPDG,0.20142440000000,0.00787085900000
C2B2H2S2P6L1M1J1E1A2,GRF,CL5Q,12,4,11,12,340,12,10,MNAVG,0.05883773000000,0.00121642300000
C2B2H2S2P6L1M1J1E1A3,GRF,CL5Q,12,4,11,12,340,12,10,MNHVY,0.09250938000000,0.01516841000000
```

```
C2B2H2S2P6L1M1J1E2A1,GRF,CL5Q,12,4,11,12,340,12,40,MEPDG,0.07546526000000,0.00530273600000
C2B2H2S2P6L1M1J1E2A2,GRF,CL5Q,12,4,11,12,340,12,40,MNAVG,0.02356267000000,0.00081043520000
C2B2H2S2P6L1M1J1E2A3,GRF,CL5Q,12,4,11,12,340,12,40,MNHVY,0.03267757000000,0.01001408000000
C2B2H2S2P6L1M1J2E1A1,GRF,CL5Q,12,4,11,12,340,15,10,MEPDG,0.96234420000000,0.01798572000000
C2B2H2S2P6L1M1J2E1A2,GRF,CL5Q,12,4,11,12,340,15,10,MNAVG,0.40920180000000,0.00350292300000
C2B2H2S2P6L1M1J2E1A3,GRF,CL5Q,12,4,11,12,340,15,10,MNHVY,0.87653370000000,0.03763285000000
C2B2H2S2P6L1M1J2E2A1,GRF,CL5Q,12,4,11,12,340,15,40,MEPDG,0.42594490000000,0.01381136000000
C2B2H2S2P6L1M1J2E2A2,GRF,CL5Q,12,4,11,12,340,15,40,MNAVG,0.19480440000000,0.00269849700000
C2B2H2S2P6L1M1J2E2A3,GRF,CL5Q,12,4,11,12,340,15,40,MNHVY,0.37929020000000,0.02863516000000
C2B2H2S2P6L1M2J1E1A1,GRF,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00169386800000,0.00043707680000
C2B2H2S2P6L1M2J1E1A2,GRF,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00034709700000,0.00004677917000
C2B2H2S2P6L1M2J1E1A3,GRF,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00035667010000,0.00066352440000
C2B2H2S2P6L1M2J1E2A1,GRF,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00044741680000,0.00029450610000
C2B2H2S2P6L1M2J1E2A2,GRF,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00011108890000,0.00002981783000
C2B2H2S2P6L1M2J1E2A3,GRF,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00010039940000,0.00042045810000
C2B2H2S2P6L1M2J2E1A1,GRF,CL5Q,12,4,11,12,590,15,10,MEPDG,0.01348259000000,0.00274778600000
C2B2H2S2P6L1M2J2E1A2,GRF,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00302131200000,0.00042478140000
C2B2H2S2P6L1M2J2E1A3,GRF,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00568076100000,0.00527380300000
C2B2H2S2P6L1M2J2E2A1,GRF,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00433999400000,0.00180701600000
C2B2H2S2P6L1M2J2E2A2,GRF,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00111908700000,0.00027543980000
C2B2H2S2P6L1M2J2E2A3,GRF,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00181302500000,0.00339030800000
C2B2H2S2P6L1M3J1E1A1,GRF,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00003634788000,0.00002497235000
C2B2H2S2P6L1M3J1E1A2,GRF,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000683684500,0.00000179211400
C2B2H2S2P6L1M3J1E1A3,GRF,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000526200300,0.00002693468000
C2B2H2S2P6L1M3J1E2A1,GRF,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000724734400,0.00001919059000
C2B2H2S2P6L1M3J1E2A2,GRF,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000178598100,0.00000121625100
C2B2H2S2P6L1M3J1E2A3,GRF,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000122642600,0.00001813472000
C2B2H2S2P6L1M3J2E1A1,GRF,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00031385850000,0.00029755330000
C2B2H2S2P6L1M3J2E1A2,GRF,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00005222152000,0.00003376148000
C2B2H2S2P6L1M3J2E1A3,GRF,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00006686525000,0.00046757320000
C2B2H2S2P6L1M3J2E2A1,GRF,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00007703738000,0.00019974880000
C2B2H2S2P6L1M3J2E2A2,GRF,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00001599941000,0.00002111421000
C2B2H2S2P6L1M3J2E2A3,GRF,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00001729452000,0.00029161170000
C2B2H2S2P6L2M1J1E1A1,GRF,CL5Q,12,4,11,13,340,12,10,MEPDG,0.01582546000000,0.00268857300000
C2B2H2S2P6L2M1J1E1A2,GRF,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00495101300000,0.00041349150000
C2B2H2S2P6L2M1J1E1A3,GRF,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00663580300000,0.00509634800000
C2B2H2S2P6L2M1J1E2A1,GRF,CL5Q,12,4,11,13,340,12,40,MEPDG,0.01582546000000,0.00268857300000
C2B2H2S2P6L2M1J1E2A2,GRF,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00495101300000,0.00041349150000
C2B2H2S2P6L2M1J1E2A3,GRF,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00663580300000,0.00509634800000
C2B2H2S2P6L2M1J2E1A1,GRF,CL5Q,12,4,11,13,340,15,10,MEPDG,0.10214930000000,0.00848327600000
C2B2H2S2P6L2M1J2E1A2,GRF,CL5Q,12,4,11,13,340,15,10,MNAVG,0.04717328000000,0.00167857300000
C2B2H2S2P6L2M1J2E1A3,GRF,CL5Q,12,4,11,13,340,15,10,MNHVY,0.09009892000000,0.01761316000000
C2B2H2S2P6L2M1J2E2A1,GRF,CL5Q,12,4,11,13,340,15,40,MEPDG,0.10214930000000,0.00848327600000
C2B2H2S2P6L2M1J2E2A2,GRF,CL5Q,12,4,11,13,340,15,40,MNAVG,0.04717328000000,0.00167857300000
C2B2H2S2P6L2M1J2E2A3,GRF,CL5Q,12,4,11,13,340,15,40,MNHVY,0.09009892000000,0.01761316000000
C2B2H2S2P6L2M2J1E1A1,GRF,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00007960214000,0.00013286860000
C2B2H2S2P6L2M2J1E1A2,GRF,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00002075069000,0.00001336835000
C2B2H2S2P6L2M2J1E1A3,GRF,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00001799943000,0.00018842360000
C2B2H2S2P6L2M2J1E2A1,GRF,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00007960214000,0.00013286860000
C2B2H2S2P6L2M2J1E2A2,GRF,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00002075069000,0.00001336835000
```

```
C2B2H2S2P6L2M2J1E2A3,GRF,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00001799943000,0.00018842360000
C2B2H2S2P6L2M2J2E1A1,GRF,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00088012300000,0.00095812530000
C2B2H2S2P6L2M2J2E1A2,GRF,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00023322440000,0.00014709560000
C2B2H2S2P6L2M2J2E1A3,GRF,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00036306160000,0.00180141200000
C2B2H2S2P6L2M2J2E2A1,GRF,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00088012300000,0.00095812530000
C2B2H2S2P6L2M2J2E2A2,GRF,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00023322440000,0.00014709560000
C2B2H2S2P6L2M2J2E2A3,GRF,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00036306160000,0.00180141200000
C2B2H2S2P6L2M3J1E1A1,GRF,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000114595100,0.00000726007700
C2B2H2S2P6L2M3J1E1A2,GRF,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000030290580,0.00000044401860
C2B2H2S2P6L2M3J1E1A3,GRF,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000020078160,0.00000660559700
C2B2H2S2P6L2M3J1E2A1,GRF,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000114595100,0.00000726007700
C2B2H2S2P6L2M3J1E2A2,GRF,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000030290580,0.00000044401860
C2B2H2S2P6L2M3J1E2A3,GRF,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000020078160,0.00000660559700
C2B2H2S2P6L2M3J2E1A1,GRF,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00001363644000,0.00009941596000
C2B2H2S2P6L2M3J2E1A2,GRF,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000299589700,0.00001036522000
C2B2H2S2P6L2M3J2E1A3,GRF,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000308469900,0.00014302820000
C2B2H2S2P6L2M3J2E2A1,GRF,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00001363644000,0.00009941596000
C2B2H2S2P6L2M3J2E2A2,GRF,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000299589700,0.00001036522000
C2B2H2S2P6L2M3J2E2A3,GRF,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000308469900,0.00014302820000
C2B2H2S2P7L1M1J1E1A1,GRF,CL5Q,12,4,12,12,340,12,10,MEPDG,0.05329811000000,0.00867129100000
C2B2H2S2P7L1M1J1E1A2,GRF,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01253483000000,0.00117375700000
C2B2H2S2P7L1M1J1E1A3,GRF,CL5Q,12,4,12,12,340,12,10,MNHVY,0.01766054000000,0.01562105000000
C2B2H2S2P7L1M1J1E2A1,GRF,CL5Q,12,4,12,12,340,12,40,MEPDG,0.01784591000000,0.00585218100000
C2B2H2S2P7L1M1J1E2A2,GRF,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00469589900000,0.00078526760000
C2B2H2S2P7L1M1J1E2A3,GRF,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00572781800000,0.01035571000000
C2B2H2S2P7L1M1J2E1A1,GRF,CL5Q,12,4,12,12,340,15,10,MEPDG,0.28346670000000,0.02956201000000
C2B2H2S2P7L1M1J2E1A2,GRF,CL5Q,12,4,12,12,340,15,10,MNAVG,0.09322055000000,0.00526596500000
C2B2H2S2P7L1M1J2E1A3,GRF,CL5Q,12,4,12,12,340,15,10,MNHVY,0.19507160000000,0.06047173000000
C2B2H2S2P7L1M1J2E2A1,GRF,CL5Q,12,4,12,12,340,15,40,MEPDG,0.11323230000000,0.02023856000000
C2B2H2S2P7L1M1J2E2A2,GRF,CL5Q,12,4,12,12,340,15,40,MNAVG,0.04087743000000,0.00362997400000
C2B2H2S2P7L1M1J2E2A3,GRF,CL5Q,12,4,12,12,340,15,40,MNHVY,0.07572505000000,0.04106982000000
C2B2H2S2P7L1M2J1E1A1,GRF,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00031974260000,0.00027659140000
C2B2H2S2P7L1M2J1E1A2,GRF,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00005881779000,0.00002528193000
C2B2H2S2P7L1M2J1E1A3,GRF,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00005433351000,0.00037319670000
C2B2H2S2P7L1M2J1E2A1,GRF,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00007433281000,0.00019424540000
C2B2H2S2P7L1M2J1E2A2,GRF,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00001738095000,0.00001691578000
C2B2H2S2P7L1M2J1E2A3,GRF,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00001408008000,0.00024875670000
C2B2H2S2P7L1M2J2E1A1,GRF,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00212331000000,0.00208086400000
C2B2H2S2P7L1M2J2E1A2,GRF,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00038298200000,0.00028385500000
C2B2H2S2P7L1M2J2E1A3,GRF,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00057286650000,0.00375813600000
C2B2H2S2P7L1M2J2E2A1,GRF,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00059631230000,0.00137384200000
C2B2H2S2P7L1M2J2E2A2,GRF,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00012984360000,0.00018559680000
C2B2H2S2P7L1M2J2E2A3,GRF,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00016400690000,0.00243158400000
C2B2H2S2P7L1M3J1E1A1,GRF,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000727361000,0.00001210679000
C2B2H2S2P7L1M3J1E1A2,GRF,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000104909000,0.00000074606230
C2B2H2S2P7L1M3J1E1A3,GRF,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000083504730,0.00001134966000
C2B2H2S2P7L1M3J1E2A1,GRF,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000139082400,0.00000970560600
C2B2H2S2P7L1M3J1E2A2,GRF,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000026913410,0.00000054220620
C2B2H2S2P7L1M3J1E2A3,GRF,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000018769030,0.00000819833400
C2B2H2S2P7L1M3J2E1A1,GRF,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00003540867000,0.00018000580000
```

```
C2B2H2S2P7L1M3J2E1A2,GRF,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000526102900,0.00001741638000
C2B2H2S2P7L1M3J2E1A3,GRF,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000518138300,0.00025346440000
C2B2H2S2P7L1M3J2E2A1,GRF,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00000758174300,0.00013070070000
C2B2H2S2P7L1M3J2E2A2,GRF,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000148501700,0.00001174365000
C2B2H2S2P7L1M3J2E2A3,GRF,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000126422700,0.00017014440000
C2B2H2S2P7L2M1J1E1A1,GRF,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00355315200000,0.00289767200000
C2B2H2S2P7L2M1J1E1A2,GRF,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00095543880000,0.00039148040000
C2B2H2S2P7L2M1J1E1A3,GRF,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00111593600000,0.00514612600000
C2B2H2S2P7L2M1J1E2A1,GRF,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00355315200000,0.00289767200000
C2B2H2S2P7L2M1J1E2A2,GRF,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00095543880000,0.00039148040000
C2B2H2S2P7L2M1J1E2A3,GRF,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00111593600000,0.00514612600000
C2B2H2S2P7L2M1J2E1A1,GRF,CL5Q,12,4,12,13,340,15,10,MEPDG,0.02555765000000,0.01183012000000
C2B2H2S2P7L2M1J2E1A2,GRF,CL5Q,12,4,12,13,340,15,10,MNAVG,0.00935161200000,0.00214735700000
C2B2H2S2P7L2M1J2E1A3,GRF,CL5Q,12,4,12,13,340,15,10,MNHVY,0.01682190000000,0.02408101000000
C2B2H2S2P7L2M1J2E2A1,GRF,CL5Q,12,4,12,13,340,15,40,MEPDG,0.02555765000000,0.01183012000000
C2B2H2S2P7L2M1J2E2A2,GRF,CL5Q,12,4,12,13,340,15,40,MNAVG,0.00935161200000,0.00214735700000
C2B2H2S2P7L2M1J2E2A3,GRF,CL5Q,12,4,12,13,340,15,40,MNHVY,0.01682190000000,0.02408101000000
C2B2H2S2P7L2M2J1E1A1,GRF,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00001283009000,0.00008988107000
C2B2H2S2P7L2M2J1E1A2,GRF,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000318218500,0.00000778764300
C2B2H2S2P7L2M2J1E1A3,GRF,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000249909000,0.00011441870000
C2B2H2S2P7L2M2J1E2A1,GRF,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00001283009000,0.00008988107000
C2B2H2S2P7L2M2J1E2A2,GRF,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000318218500,0.00000778764300
C2B2H2S2P7L2M2J1E2A3,GRF,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000249909000,0.00011441870000
C2B2H2S2P7L2M2J2E1A1,GRF,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00011232320000,0.00074443460000
C2B2H2S2P7L2M2J2E1A2,GRF,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00002561198000,0.00010140310000
C2B2H2S2P7L2M2J2E1A3,GRF,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00003084873000,0.00132231300000
C2B2H2S2P7L2M2J2E2A1,GRF,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00011232320000,0.00074443460000
C2B2H2S2P7L2M2J2E2A2,GRF,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00002561198000,0.00010140310000
C2B2H2S2P7L2M2J2E2A3,GRF,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00003084873000,0.00132231300000
C2B2H2S2P7L2M3J1E1A1,GRF,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000021512810,0.00000448110400
C2B2H2S2P7L2M3J1E1A2,GRF,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000004497947,0.00000024375440
C2B2H2S2P7L2M3J1E1A3,GRF,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000003010059,0.00000367833600
C2B2H2S2P7L2M3J1E2A1,GRF,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000021512810,0.00000448110400
C2B2H2S2P7L2M3J1E2A2,GRF,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000004497947,0.00000024375440
C2B2H2S2P7L2M3J1E2A3,GRF,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000003010059,0.00000367833600
C2B2H2S2P7L2M3J2E1A1,GRF,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000125696500,0.00006839230000
C2B2H2S2P7L2M3J2E1A2,GRF,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000026512370,0.00000604711700
C2B2H2S2P7L2M3J2E1A3,GRF,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000021648230,0.00008751828000
C2B2H2S2P7L2M3J2E2A1,GRF,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000125696500,0.00006839230000
C2B2H2S2P7L2M3J2E2A2,GRF,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000026512370,0.00000604711700
C2B2H2S2P7L2M3J2E2A3,GRF,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000021648230,0.00008751828000
C2B3H1S1P1L1M1J1E1A1,GRF,OGAB,4,12,6,12,340,12,10,MEPDG,139.13730000000000,1.65732300000000
C2B3H1S1P1L1M1J1E1A2,GRF,OGAB,4,12,6,12,340,12,10,MNAVG,116.51920000000000,0.20265780000000
C2B3H1S1P1L1M1J1E1A3,GRF,OGAB,4,12,6,12,340,12,10,MNHVY,205.84060000000000,2.37747500000000
C2B3H1S1P1L1M1J1E2A1,GRF,OGAB,4,12,6,12,340,12,40,MEPDG,86.09829000000000,0.96309780000000
C2B3H1S1P1L1M1J1E2A2,GRF,OGAB,4,12,6,12,340,12,40,MNAVG,68.21112000000000,0.11243550000000
C2B3H1S1P1L1M1J1E2A3,GRF,OGAB,4,12,6,12,340,12,40,MNHVY,123.41180000000000,1.33754600000000
C2B3H1S1P1L1M1J2E1A1,GRF,OGAB,4,12,6,12,340,15,10,MEPDG,168.07420000000000,1.55759600000000
C2B3H1S1P1L1M1J2E1A2,GRF,OGAB,4,12,6,12,340,15,10,MNAVG,145.10290000000000,0.27041210000000
C2B3H1S1P1L1M1J2E1A3,GRF,OGAB,4,12,6,12,340,15,10,MNHVY,259.85800000000000,2.74465300000000
```

```
C2B3H1S1P1L1M1J2E2A1,GRF,OGAB,4,12,6,12,340,15,40,MEPDG,106.49850000000000,0.90770200000000
C2B3H1S1P1L1M1J2E2A2,GRF,OGAB,4,12,6,12,340,15,40,MNAVG,87.6707100000000,0.15780910000000
C2B3H1S1P1L1M1J2E2A3,GRF,OGAB,4,12,6,12,340,15,40,MNHVY,160.92580000000000,1.60141800000000
C2B3H1S1P1L1M2J1E1A1,GRF,OGAB,4,12,6,12,590,12,10,MEPDG,11.0828700000000,0.18645940000000
C2B3H1S1P1L1M2J1E1A2,GRF,OGAB,4,12,6,12,590,12,10,MNAVG,7.20615400000000,0.02106567000000
C2B3H1S1P1L1M2J1E1A3,GRF,OGAB,4,12,6,12,590,12,10,MNHVY,11.9260800000000,0.24270890000000
C2B3H1S1P1L1M2J1E2A1,GRF,OGAB,4,12,6,12,590,12,40,MEPDG,5.87184500000000,0.09947120000000
C2B3H1S1P1L1M2J1E2A2,GRF,OGAB,4,12,6,12,590,12,40,MNAVG,3.67912400000000,0.00995913500000
C2B3H1S1P1L1M2J1E2A3,GRF,OGAB,4,12,6,12,590,12,40,MNHVY,6.00254500000000,0.11866880000000
C2B3H1S1P1L1M2J2E1A1,GRF,OGAB,4,12,6,12,590,15,10,MEPDG,18.3857700000000,0.37420530000000
C2B3H1S1P1L1M2J2E1A2,GRF,OGAB,4,12,6,12,590,15,10,MNAVG,13.5183900000000,0.06453075000000
C2B3H1S1P1L1M2J2E1A3,GRF,OGAB,4,12,6,12,590,15,10,MNHVY,23.8729600000000,0.64520360000000
C2B3H1S1P1L1M2J2E2A1,GRF,OGAB,4,12,6,12,590,15,40,MEPDG,10.3863200000000,0.19511610000000
C2B3H1S1P1L1M2J2E2A2,GRF,OGAB,4,12,6,12,590,15,40,MNAVG,7.51082200000000,0.03226699000000
C2B3H1S1P1L1M2J2E2A3,GRF,OGAB,4,12,6,12,590,15,40,MNHVY,13.1998200000000,0.33028860000000
C2B3H1S1P1L1M3J1E1A1,GRF,OGAB,4,12,6,12,840,12,10,MEPDG,1.35420700000000,0.02234977000000
C2B3H1S1P1L1M3J1E1A2,GRF,OGAB,4,12,6,12,840,12,10,MNAVG,0.66184880000000,0.00201457200000
C2B3H1S1P1L1M3J1E1A3,GRF,OGAB,4,12,6,12,840,12,10,MNHVY,1.03258600000000,0.02467277000000
C2B3H1S1P1L1M3J1E2A1,GRF,OGAB,4,12,6,12,840,12,40,MEPDG,0.62110700000000,0.01131304000000
C2B3H1S1P1L1M3J1E2A2,GRF,OGAB,4,12,6,12,840,12,40,MNAVG,0.29796900000000,0.00085722530000
C2B3H1S1P1L1M3J1E2A3,GRF,OGAB,4,12,6,12,840,12,40,MNHVY,0.44184350000000,0.01078312000000
C2B3H1S1P1L1M3J2E1A1,GRF,OGAB,4,12,6,12,840,15,10,MEPDG,3.08119500000000,0.07533568000000
C2B3H1S1P1L1M3J2E1A2,GRF,OGAB,4,12,6,12,840,15,10,MNAVG,1.90163900000000,0.01191088000000
C2B3H1S1P1L1M3J2E1A3,GRF,OGAB,4,12,6,12,840,15,10,MNHVY,3.43832100000000,0.12424910000000
C2B3H1S1P1L1M3J2E2A1,GRF,OGAB,4,12,6,12,840,15,40,MEPDG,1.54881900000000,0.03520365000000
C2B3H1S1P1L1M3J2E2A2,GRF,OGAB,4,12,6,12,840,15,40,MNAVG,0.96244710000000,0.00512628700000
C2B3H1S1P1L1M3J2E2A3,GRF,OGAB,4,12,6,12,840,15,40,MNHVY,1.68312200000000,0.05539764000000
C2B3H1S1P1L2M1J1E1A1,GRF,OGAB,4,12,6,13,340,12,10,MEPDG,22.1793600000000,0.35569580000000
C2B3H1S1P1L2M1J1E1A2,GRF,OGAB,4,12,6,13,340,12,10,MNAVG,16.9183400000000,0.04357825000000
C2B3H1S1P1L2M1J1E1A3,GRF,OGAB,4,12,6,13,340,12,10,MNHVY,30.9104800000000,0.50245710000000
C2B3H1S1P1L2M1J1E2A1,GRF,OGAB,4,12,6,13,340,12,40,MEPDG,22.1793600000000,0.35569580000000
C2B3H1S1P1L2M1J1E2A2,GRF,OGAB,4,12,6,13,340,12,40,MNAVG,16.9183400000000,0.04357825000000
C2B3H1S1P1L2M1J1E2A3,GRF,OGAB,4,12,6,13,340,12,40,MNHVY,30.9104800000000,0.50245710000000
C2B3H1S1P1L2M1J2E1A1,GRF,OGAB,4,12,6,13,340,15,10,MEPDG,28.1657600000000,0.39593120000000
C2B3H1S1P1L2M1J2E1A2,GRF,OGAB,4,12,6,13,340,15,10,MNAVG,22.5333500000000,0.07281432000000
C2B3H1S1P1L2M1J2E1A3,GRF,OGAB,4,12,6,13,340,15,10,MNHVY,41.6690000000000,0.70847340000000
C2B3H1S1P1L2M1J2E2A1,GRF,OGAB,4,12,6,13,340,15,40,MEPDG,28.1657600000000,0.39593120000000
C2B3H1S1P1L2M1J2E2A2,GRF,OGAB,4,12,6,13,340,15,40,MNAVG,22.5333500000000,0.07281432000000
C2B3H1S1P1L2M1J2E2A3,GRF,OGAB,4,12,6,13,340,15,40,MNHVY,41.6690000000000,0.70847340000000
C2B3H1S1P1L2M2J1E1A1,GRF,OGAB,4,12,6,13,590,12,10,MEPDG,1.41233200000000,0.03530847000000
C2B3H1S1P1L2M2J1E1A2,GRF,OGAB,4,12,6,13,590,12,10,MNAVG,0.85322680000000,0.00365182700000
C2B3H1S1P1L2M2J1E1A3,GRF,OGAB,4,12,6,13,590,12,10,MNHVY,1.39996600000000,0.04290070000000
C2B3H1S1P1L2M2J1E2A1,GRF,OGAB,4,12,6,13,590,12,40,MEPDG,1.41233200000000,0.03530847000000
C2B3H1S1P1L2M2J1E2A2,GRF,OGAB,4,12,6,13,590,12,40,MNAVG,0.85322680000000,0.00365182700000
C2B3H1S1P1L2M2J1E2A3,GRF,OGAB,4,12,6,13,590,12,40,MNHVY,1.39996600000000,0.04290070000000
C2B3H1S1P1L2M2J2E1A1,GRF,OGAB,4,12,6,13,590,15,10,MEPDG,2.65467600000000,0.08403505000000
C2B3H1S1P1L2M2J2E1A2,GRF,OGAB,4,12,6,13,590,15,10,MNAVG,1.89290800000000,0.01464236000000
C2B3H1S1P1L2M2J2E1A3,GRF,OGAB,4,12,6,13,590,15,10,MNHVY,3.34387800000000,0.14525940000000
C2B3H1S1P1L2M2J2E2A1,GRF,OGAB,4,12,6,13,590,15,40,MEPDG,2.65467600000000,0.08403505000000
C2B3H1S1P1L2M2J2E2A2,GRF,OGAB,4,12,6,13,590,15,40,MNAVG,1.89290800000000,0.01464236000000
```

```
C2B3H1S1P1L2M2J2E2A3,GRF,OGAB,4,12,6,13,590,15,40,MNHVY,3.34387800000000,0.14525940000000
C2B3H1S1P1L2M3J1E1A1,GRF,OGAB,4,12,6,13,840,12,10,MEPDG,0.13988980000000,0.00377457400000
C2B3H1S1P1L2M3J1E1A2,GRF,OGAB,4,12,6,13,840,12,10,MNAVG,0.06504129000000,0.00028531700000
C2B3H1S1P1L2M3J1E1A3,GRF,OGAB,4,12,6,13,840,12,10,MNHVY,0.09604252000000,0.00358697400000
C2B3H1S1P1L2M3J1E2A1,GRF,OGAB,4,12,6,13,840,12,40,MEPDG,0.13988980000000,0.00377457400000
C2B3H1S1P1L2M3J1E2A2,GRF,OGAB,4,12,6,13,840,12,40,MNAVG,0.06504129000000,0.00028531700000
C2B3H1S1P1L2M3J1E2A3,GRF,OGAB,4,12,6,13,840,12,40,MNHVY,0.09604252000000,0.00358697400000
C2B3H1S1P1L2M3J2E1A1,GRF,OGAB,4,12,6,13,840,15,10,MEPDG,0.37733750000000,0.01410827000000
C2B3H1S1P1L2M3J2E1A2,GRF,OGAB,4,12,6,13,840,15,10,MNAVG,0.23252320000000,0.00212537200000
C2B3H1S1P1L2M3J2E1A3,GRF,OGAB,4,12,6,13,840,15,10,MNHVY,0.40725590000000,0.02263480000000
C2B3H1S1P1L2M3J2E2A1,GRF,OGAB,4,12,6,13,840,15,40,MEPDG,0.37733750000000,0.01410827000000
C2B3H1S1P1L2M3J2E2A2,GRF,OGAB,4,12,6,13,840,15,40,MNAVG,0.23252320000000,0.00212537200000
C2B3H1S1P1L2M3J2E2A3,GRF,OGAB,4,12,6,13,840,15,40,MNHVY,0.40725590000000,0.02263480000000
C2B3H1S1P2L1M1J1E1A1,GRF,OGAB,4,12,7,12,340,12,10,MEPDG,54.98048000000000,1.29485900000000
C2B3H1S1P2L1M1J1E1A2,GRF,OGAB,4,12,7,12,340,12,10,MNAVG,41.45183000000000,0.18028480000000
C2B3H1S1P2L1M1J1E1A3,GRF,OGAB,4,12,7,12,340,12,10,MNHVY,72.91558000000000,2.01303600000000
C2B3H1S1P2L1M1J1E2A1,GRF,OGAB,4,12,7,12,340,12,40,MEPDG,31.64844000000000,0.73952900000000
C2B3H1S1P2L1M1J1E2A2,GRF,OGAB,4,12,7,12,340,12,40,MNAVG,23.10033000000000,0.09583765000000
C2B3H1S1P2L1M1J1E2A3,GRF,OGAB,4,12,7,12,340,12,40,MNHVY,40.42128000000000,1.09600500000000
C2B3H1S1P2L1M1J2E1A1,GRF,OGAB,4,12,7,12,340,15,10,MEPDG,84.43580000000000,1.91996600000000
C2B3H1S1P2L1M1J2E1A2,GRF,OGAB,4,12,7,12,340,15,10,MNAVG,69.07934000000000,0.36012570000000
C2B3H1S1P2L1M1J2E1A3,GRF,OGAB,4,12,7,12,340,15,10,MNHVY,125.95690000000000,3.52839200000000
C2B3H1S1P2L1M1J2E2A1,GRF,OGAB,4,12,7,12,340,15,40,MEPDG,51.34313000000000,1.11170600000000
C2B3H1S1P2L1M1J2E2A2,GRF,OGAB,4,12,7,12,340,15,40,MNAVG,41.29135000000000,0.20571840000000
C2B3H1S1P2L1M1J2E2A3,GRF,OGAB,4,12,7,12,340,15,40,MNHVY,75.28806000000000,2.02895800000000
C2B3H1S1P2L1M2J1E1A1,GRF,OGAB,4,12,7,12,590,12,10,MEPDG,2.81368700000000,0.08197663000000
C2B3H1S1P2L1M2J1E1A2,GRF,OGAB,4,12,7,12,590,12,10,MNAVG,1.42498100000000,0.00983020200000
C2B3H1S1P2L1M2J1E1A3,GRF,OGAB,4,12,7,12,590,12,10,MNHVY,2.37115600000000,0.11534930000000
C2B3H1S1P2L1M2J1E2A1,GRF,OGAB,4,12,7,12,590,12,40,MEPDG,1.31830300000000,0.04292481000000
C2B3H1S1P2L1M2J1E2A2,GRF,OGAB,4,12,7,12,590,12,40,MNAVG,0.66206700000000,0.00459645000000
C2B3H1S1P2L1M2J1E2A3,GRF,OGAB,4,12,7,12,590,12,40,MNHVY,1.03948200000000,0.05496338000000
C2B3H1S1P2L1M2J2E1A1,GRF,OGAB,4,12,7,12,590,15,10,MEPDG,6.99009400000000,0.25792580000000
C2B3H1S1P2L1M2J2E1A2,GRF,OGAB,4,12,7,12,590,15,10,MNAVG,4.46398600000000,0.04687692000000
C2B3H1S1P2L1M2J2E1A3,GRF,OGAB,4,12,7,12,590,15,10,MNHVY,8.51693300000000,0.46696990000000
C2B3H1S1P2L1M2J2E2A1,GRF,OGAB,4,12,7,12,590,15,40,MEPDG,3.62406300000000,0.13308840000000
C2B3H1S1P2L1M2J2E2A2,GRF,OGAB,4,12,7,12,590,15,40,MNAVG,2.35682000000000,0.02320672000000
C2B3H1S1P2L1M2J2E2A3,GRF,OGAB,4,12,7,12,590,15,40,MNHVY,4.32327400000000,0.23534550000000
C2B3H1S1P2L1M3J1E1A1,GRF,OGAB,4,12,7,12,840,12,10,MEPDG,0.24305120000000,0.00603721600000
C2B3H1S1P2L1M3J1E1A2,GRF,OGAB,4,12,7,12,840,12,10,MNAVG,0.08552694000000,0.00054912500000
C2B3H1S1P2L1M3J1E1A3,GRF,OGAB,4,12,7,12,840,12,10,MNHVY,0.12947730000000,0.00695456300000
C2B3H1S1P2L1M3J1E2A1,GRF,OGAB,4,12,7,12,840,12,40,MEPDG,0.09466467000000,0.00301658900000
C2B3H1S1P2L1M3J1E2A2,GRF,OGAB,4,12,7,12,840,12,40,MNAVG,0.03411643000000,0.00023074450000
C2B3H1S1P2L1M3J1E2A3,GRF,OGAB,4,12,7,12,840,12,40,MNHVY,0.04672966000000,0.00299548600000
C2B3H1S1P2L1M3J2E1A1,GRF,OGAB,4,12,7,12,840,15,10,MEPDG,0.91147990000000,0.03252969000000
C2B3H1S1P2L1M3J2E1A2,GRF,OGAB,4,12,7,12,840,15,10,MNAVG,0.44603510000000,0.00515670200000
C2B3H1S1P2L1M3J2E1A3,GRF,OGAB,4,12,7,12,840,15,10,MNHVY,0.90545090000000,0.05570665000000
C2B3H1S1P2L1M3J2E2A1,GRF,OGAB,4,12,7,12,840,15,40,MEPDG,0.40544890000000,0.01518070000000
C2B3H1S1P2L1M3J2E2A2,GRF,OGAB,4,12,7,12,840,15,40,MNAVG,0.20759420000000,0.00223691700000
C2B3H1S1P2L1M3J2E2A3,GRF,OGAB,4,12,7,12,840,15,40,MNHVY,0.38827080000000,0.02468468000000
C2B3H1S1P2L2M1J1E1A1,GRF,OGAB,4,12,7,13,340,12,10,MEPDG,8.01780300000000,0.28839010000000
```

```
C2B3H1S1P2L2M1J1E1A2,GRF,OGAB,4,12,7,13,340,12,10,MNAVG,5.67017500000000,0.03910074000000
C2B3H1S1P2L2M1J1E1A3,GRF,OGAB,4,12,7,13,340,12,10,MNHVY,9.95811200000000,0.43620540000000
C2B3H1S1P2L2M1J1E2A1,GRF,OGAB,4,12,7,13,340,12,40,MEPDG,8.01780300000000,0.28839010000000
C2B3H1S1P2L2M1J1E2A2,GRF,OGAB,4,12,7,13,340,12,40,MNAVG,5.67017500000000,0.03910074000000
C2B3H1S1P2L2M1J1E2A3,GRF,OGAB,4,12,7,13,340,12,40,MNHVY,9.95811200000000,0.43620540000000
C2B3H1S1P2L2M1J2E1A1,GRF,OGAB,4,12,7,13,340,15,10,MEPDG,13.82672000000000,0.51801680000000
C2B3H1S1P2L2M1J2E1A2,GRF,OGAB,4,12,7,13,340,15,10,MNAVG,10.98530000000000,0.10097460000000
C2B3H1S1P2L2M1J2E1A3,GRF,OGAB,4,12,7,13,340,15,10,MNHVY,20.04899000000000,0.95807190000000
C2B3H1S1P2L2M1J2E2A1,GRF,OGAB,4,12,7,13,340,15,40,MEPDG,13.82672000000000,0.51801680000000
C2B3H1S1P2L2M1J2E2A2,GRF,OGAB,4,12,7,13,340,15,40,MNAVG,10.98530000000000,0.10097460000000
C2B3H1S1P2L2M1J2E2A3,GRF,OGAB,4,12,7,13,340,15,40,MNHVY,20.04899000000000,0.95807190000000
C2B3H1S1P2L2M2J1E1A1,GRF,OGAB,4,12,7,13,590,12,10,MEPDG,0.30194540000000,0.01569464000000
C2B3H1S1P2L2M2J1E1A2,GRF,OGAB,4,12,7,13,590,12,10,MNAVG,0.14702700000000,0.00172630900000
C2B3H1S1P2L2M2J1E1A3,GRF,OGAB,4,12,7,13,590,12,10,MNHVY,0.22930410000000,0.02043443000000
C2B3H1S1P2L2M2J1E2A1,GRF,OGAB,4,12,7,13,590,12,40,MEPDG,0.30194540000000,0.01569464000000
C2B3H1S1P2L2M2J1E2A2,GRF,OGAB,4,12,7,13,590,12,40,MNAVG,0.14702700000000,0.00172630900000
C2B3H1S1P2L2M2J1E2A3,GRF,OGAB,4,12,7,13,590,12,40,MNHVY,0.22930410000000,0.02043443000000
C2B3H1S1P2L2M2J2E1A1,GRF,OGAB,4,12,7,13,590,15,10,MEPDG,0.91688370000000,0.05892850000000
C2B3H1S1P2L2M2J2E1A2,GRF,OGAB,4,12,7,13,590,15,10,MNAVG,0.59534690000000,0.01063889000000
C2B3H1S1P2L2M2J2E1A3,GRF,OGAB,4,12,7,13,590,15,10,MNHVY,1.08958300000000,0.10597310000000
C2B3H1S1P2L2M2J2E2A1,GRF,OGAB,4,12,7,13,590,15,40,MEPDG,0.91688370000000,0.05892850000000
C2B3H1S1P2L2M2J2E2A2,GRF,OGAB,4,12,7,13,590,15,40,MNAVG,0.59534690000000,0.01063889000000
C2B3H1S1P2L2M2J2E2A3,GRF,OGAB,4,12,7,13,590,15,40,MNHVY,1.08958300000000,0.10597310000000
C2B3H1S1P2L2M3J1E1A1,GRF,OGAB,4,12,7,13,840,12,10,MEPDG,0.02009740000000,0.00103088700000
C2B3H1S1P2L2M3J1E1A2,GRF,OGAB,4,12,7,13,840,12,10,MNAVG,0.00717095000000,0.00007875515000
C2B3H1S1P2L2M3J1E1A3,GRF,OGAB,4,12,7,13,840,12,10,MNHVY,0.00957907800000,0.00101883300000
C2B3H1S1P2L2M3J1E2A1,GRF,OGAB,4,12,7,13,840,12,40,MEPDG,0.02009740000000,0.00103088700000
C2B3H1S1P2L2M3J1E2A2,GRF,OGAB,4,12,7,13,840,12,40,MNAVG,0.00717095000000,0.00007875515000
C2B3H1S1P2L2M3J1E2A3,GRF,OGAB,4,12,7,13,840,12,40,MNHVY,0.00957907800000,0.00101883300000
C2B3H1S1P2L2M3J2E1A1,GRF,OGAB,4,12,7,13,840,15,10,MEPDG,0.09571313000000,0.00621609700000
C2B3H1S1P2L2M3J2E1A2,GRF,OGAB,4,12,7,13,840,15,10,MNAVG,0.04900348000000,0.00093224590000
C2B3H1S1P2L2M3J2E1A3,GRF,OGAB,4,12,7,13,840,15,10,MNHVY,0.09123778000000,0.01024314000000
C2B3H1S1P2L2M3J2E2A1,GRF,OGAB,4,12,7,13,840,15,40,MEPDG,0.09571313000000,0.00621609700000
C2B3H1S1P2L2M3J2E2A2,GRF,OGAB,4,12,7,13,840,15,40,MNAVG,0.04900348000000,0.00093224590000
C2B3H1S1P2L2M3J2E2A3,GRF,OGAB,4,12,7,13,840,15,40,MNHVY,0.09123778000000,0.01024314000000
C2B3H1S1P3L1M1J1E1A1,GRF,OGAB,4,12,8,12,340,12,10,MEPDG,18.24019000000000,0.89300720000000
C2B3H1S1P3L1M1J1E1A2,GRF,OGAB,4,12,8,12,340,12,10,MNAVG,11.42303000000000,0.13404550000000
C2B3H1S1P3L1M1J1E1A3,GRF,OGAB,4,12,8,12,340,12,10,MNHVY,20.12822000000000,1.49205900000000
C2B3H1S1P3L1M1J1E2A1,GRF,OGAB,4,12,8,12,340,12,40,MEPDG,9.55272300000000,0.50159930000000
C2B3H1S1P3L1M1J1E2A2,GRF,OGAB,4,12,8,12,340,12,40,MNAVG,5.90723900000000,0.07055352000000
C2B3H1S1P3L1M1J1E2A3,GRF,OGAB,4,12,8,12,340,12,40,MNHVY,10.00835000000000,0.79673660000000
C2B3H1S1P3L1M1J2E1A1,GRF,OGAB,4,12,8,12,340,15,10,MEPDG,36.99452000000000,1.84199300000000
C2B3H1S1P3L1M1J2E1A2,GRF,OGAB,4,12,8,12,340,15,10,MNAVG,27.02954000000000,0.36370300000000
C2B3H1S1P3L1M1J2E1A3,GRF,OGAB,4,12,8,12,340,15,10,MNHVY,51.35402000000000,3.51888600000000
C2B3H1S1P3L1M1J2E2A1,GRF,OGAB,4,12,8,12,340,15,40,MEPDG,21.06421000000000,1.05784000000000
C2B3H1S1P3L1M1J2E2A2,GRF,OGAB,4,12,8,12,340,15,40,MNAVG,15.52364000000000,0.20503170000000
C2B3H1S1P3L1M1J2E2A3,GRF,OGAB,4,12,8,12,340,15,40,MNHVY,28.74457000000000,1.99741000000000
C2B3H1S1P3L1M2J1E1A1,GRF,OGAB,4,12,8,12,590,12,10,MEPDG,0.58381260000000,0.03366877000000
C2B3H1S1P3L1M2J1E1A2,GRF,OGAB,4,12,8,12,590,12,10,MNAVG,0.21323870000000,0.00426511300000
C2B3H1S1P3L1M2J1E1A3,GRF,OGAB,4,12,8,12,590,12,10,MNHVY,0.34035580000000,0.05081246000000
```

```
C2B3H1S1P3L1M2J1E2A1,GRF,OGAB,4,12,8,12,590,12,40,MEPDG,0.23765760000000,0.01743266000000
C2B3H1S1P3L1M2J1E2A2,GRF,OGAB,4,12,8,12,590,12,40,MNAVG,0.08904209000000,0.00197505300000
C2B3H1S1P3L1M2J1E2A3,GRF,OGAB,4,12,8,12,590,12,40,MNHVY,0.12818440000000,0.02408975000000
C2B3H1S1P3L1M2J2E1A1,GRF,OGAB,4,12,8,12,590,15,10,MEPDG,2.12119200000000,0.15194360000000
C2B3H1S1P3L1M2J2E1A2,GRF,OGAB,4,12,8,12,590,15,10,MNAVG,1.07233900000000,0.02784274000000
C2B3H1S1P3L1M2J2E1A3,GRF,OGAB,4,12,8,12,590,15,10,MNHVY,2.19576500000000,0.28679510000000
C2B3H1S1P3L1M2J2E2A1,GRF,OGAB,4,12,8,12,590,15,40,MEPDG,0.98249210000000,0.07808551000000
C2B3H1S1P3L1M2J2E2A2,GRF,OGAB,4,12,8,12,590,15,40,MNAVG,0.51995000000000,0.01377876000000
C2B3H1S1P3L1M2J2E2A3,GRF,OGAB,4,12,8,12,590,15,40,MNHVY,0.98599390000000,0.14342940000000
C2B3H1S1P3L1M3J1E1A1,GRF,OGAB,4,12,8,12,840,12,10,MEPDG,0.03366689000000,0.00163942000000
C2B3H1S1P3L1M3J1E1A2,GRF,OGAB,4,12,8,12,840,12,10,MNAVG,0.00867282200000,0.00015482420000
C2B3H1S1P3L1M3J1E1A3,GRF,OGAB,4,12,8,12,840,12,10,MNHVY,0.01133206000000,0.00197635300000
C2B3H1S1P3L1M3J1E2A1,GRF,OGAB,4,12,8,12,840,12,40,MEPDG,0.01103734000000,0.00083964390000
C2B3H1S1P3L1M3J1E2A2,GRF,OGAB,4,12,8,12,840,12,40,MNAVG,0.00312637700000,0.00006748443000
C2B3H1S1P3L1M3J1E2A3,GRF,OGAB,4,12,8,12,840,12,40,MNHVY,0.00357162000000,0.00088505970000
C2B3H1S1P3L1M3J2E1A1,GRF,OGAB,4,12,8,12,840,15,10,MEPDG,0.18846420000000,0.01340476000000
C2B3H1S1P3L1M3J2E1A2,GRF,OGAB,4,12,8,12,840,15,10,MNAVG,0.06567037000000,0.00209104900000
C2B3H1S1P3L1M3J2E1A3,GRF,OGAB,4,12,8,12,840,15,10,MNHVY,0.13841790000000,0.02367266000000
C2B3H1S1P3L1M3J2E2A1,GRF,OGAB,4,12,8,12,840,15,40,MEPDG,0.07214244000000,0.00633136200000
C2B3H1S1P3L1M3J2E2A2,GRF,OGAB,4,12,8,12,840,15,40,MNAVG,0.02718647000000,0.00091902250000
C2B3H1S1P3L1M3J2E2A3,GRF,OGAB,4,12,8,12,840,15,40,MNHVY,0.05047449000000,0.01061076000000
C2B3H1S1P3L2M1J1E1A1,GRF,OGAB,4,12,8,13,340,12,10,MEPDG,2.32928000000000,0.20408640000000
C2B3H1S1P3L2M1J1E1A2,GRF,OGAB,4,12,8,13,340,12,10,MNAVG,1.39815500000000,0.02984215000000
C2B3H1S1P3L2M1J1E1A3,GRF,OGAB,4,12,8,13,340,12,10,MNHVY,2.35810000000000,0.33084310000000
C2B3H1S1P3L2M1J1E2A1,GRF,OGAB,4,12,8,13,340,12,40,MEPDG,2.32928000000000,0.20408640000000
C2B3H1S1P3L2M1J1E2A2,GRF,OGAB,4,12,8,13,340,12,40,MNAVG,1.39815500000000,0.02984215000000
C2B3H1S1P3L2M1J1E2A3,GRF,OGAB,4,12,8,13,340,12,40,MNHVY,2.35810000000000,0.33084310000000
C2B3H1S1P3L2M1J2E1A1,GRF,OGAB,4,12,8,13,340,15,10,MEPDG,5.61476700000000,0.51340170000000
C2B3H1S1P3L2M1J2E1A2,GRF,OGAB,4,12,8,13,340,15,10,MNAVG,4.12176800000000,0.10368440000000
C2B3H1S1P3L2M1J2E1A3,GRF,OGAB,4,12,8,13,340,15,10,MNHVY,7.60153500000000,0.98076730000000
C2B3H1S1P3L2M1J2E2A1,GRF,OGAB,4,12,8,13,340,15,40,MEPDG,5.61476700000000,0.51340170000000
C2B3H1S1P3L2M1J2E2A2,GRF,OGAB,4,12,8,13,340,15,40,MNAVG,4.12176800000000,0.10368440000000
C2B3H1S1P3L2M1J2E2A3,GRF,OGAB,4,12,8,13,340,15,40,MNHVY,7.60153500000000,0.98076730000000
C2B3H1S1P3L2M2J1E1A1,GRF,OGAB,4,12,8,13,590,12,10,MEPDG,0.05137894000000,0.00660716200000
C2B3H1S1P3L2M2J1E1A2,GRF,OGAB,4,12,8,13,590,12,10,MNAVG,0.01895567000000,0.00077072210000
C2B3H1S1P3L2M2J1E1A3,GRF,OGAB,4,12,8,13,590,12,10,MNHVY,0.02662379000000,0.00927746300000
C2B3H1S1P3L2M2J1E2A1,GRF,OGAB,4,12,8,13,590,12,40,MEPDG,0.05137894000000,0.00660716200000
C2B3H1S1P3L2M2J1E2A2,GRF,OGAB,4,12,8,13,590,12,40,MNAVG,0.01895567000000,0.00077072210000
C2B3H1S1P3L2M2J1E2A3,GRF,OGAB,4,12,8,13,590,12,40,MNHVY,0.02662379000000,0.00927746300000
C2B3H1S1P3L2M2J2E1A1,GRF,OGAB,4,12,8,13,590,15,10,MEPDG,0.23762120000000,0.03569164000000
C2B3H1S1P3L2M2J2E1A2,GRF,OGAB,4,12,8,13,590,15,10,MNAVG,0.12598220000000,0.00647104300000
C2B3H1S1P3L2M2J2E1A3,GRF,OGAB,4,12,8,13,590,15,10,MNHVY,0.23605160000000,0.06649904000000
C2B3H1S1P3L2M2J2E2A1,GRF,OGAB,4,12,8,13,590,15,40,MEPDG,0.23762120000000,0.03569164000000
C2B3H1S1P3L2M2J2E2A2,GRF,OGAB,4,12,8,13,590,15,40,MNAVG,0.12598220000000,0.00647104300000
C2B3H1S1P3L2M2J2E2A3,GRF,OGAB,4,12,8,13,590,15,40,MNHVY,0.23605160000000,0.06649904000000
C2B3H1S1P3L2M3J1E1A1,GRF,OGAB,4,12,8,13,840,12,10,MEPDG,0.00215920200000,0.00029631210000
C2B3H1S1P3L2M3J1E1A2,GRF,OGAB,4,12,8,13,840,12,10,MNAVG,0.00062089550000,0.00002383965000
C2B3H1S1P3L2M3J1E1A3,GRF,OGAB,4,12,8,13,840,12,10,MNHVY,0.00068217910000,0.00031108930000
C2B3H1S1P3L2M3J1E2A1,GRF,OGAB,4,12,8,13,840,12,40,MEPDG,0.00215920200000,0.00029631210000
C2B3H1S1P3L2M3J1E2A2,GRF,OGAB,4,12,8,13,840,12,40,MNAVG,0.00062089550000,0.00002383965000
```

```
C2B3H1S1P3L2M3J1E2A3,GRF,OGAB,4,12,8,13,840,12,40,MNHVY,0.00068217910000,0.00031108930000
C2B3H1S1P3L2M3J2E1A1,GRF,OGAB,4,12,8,13,840,15,10,MEPDG,0.01584132000000,0.00268653300000
C2B3H1S1P3L2M3J2E1A2,GRF,OGAB,4,12,8,13,840,15,10,MNAVG,0.00600485300000,0.00039792560000
C2B3H1S1P3L2M3J2E1A3,GRF,OGAB,4,12,8,13,840,15,10,MNHVY,0.01085711000000,0.00455213200000
C2B3H1S1P3L2M3J2E2A1,GRF,OGAB,4,12,8,13,840,15,40,MEPDG,0.01584132000000,0.00268653300000
C2B3H1S1P3L2M3J2E2A2,GRF,OGAB,4,12,8,13,840,15,40,MNAVG,0.00600485300000,0.00039792560000
C2B3H1S1P3L2M3J2E2A3,GRF,OGAB,4,12,8,13,840,15,40,MNHVY,0.01085711000000,0.00455213200000
C2B3H1S1P4L1M1J1E1A1,GRF,OGAB,4,12,9,12,340,12,10,MEPDG,5.46229600000000,0.52320560000000
C2B3H1S1P4L1M1J1E1A2,GRF,OGAB,4,12,9,12,340,12,10,MNAVG,2.68850900000000,0.07907903000000
C2B3H1S1P4L1M1J1E1A3,GRF,OGAB,4,12,9,12,340,12,10,MNHVY,4.69552600000000,0.90800450000000
C2B3H1S1P4L1M1J1E2A1,GRF,OGAB,4,12,9,12,340,12,40,MEPDG,2.57688600000000,0.29140290000000
C2B3H1S1P4L1M1J1E2A2,GRF,OGAB,4,12,9,12,340,12,40,MNAVG,1.27451800000000,0.04132916000000
C2B3H1S1P4L1M1J1E2A3,GRF,OGAB,4,12,9,12,340,12,40,MNHVY,2.06602100000000,0.48079250000000
C2B3H1S1P4L1M1J2E1A1,GRF,OGAB,4,12,9,12,340,15,10,MEPDG,14.56013000000000,1.39576100000000
C2B3H1S1P4L1M1J2E1A2,GRF,OGAB,4,12,9,12,340,15,10,MNAVG,9.10109400000000,0.27350570000000
C2B3H1S1P4L1M1J2E1A3,GRF,OGAB,4,12,9,12,340,15,10,MNHVY,18.10293000000000,2.73119700000000
C2B3H1S1P4L1M1J2E2A1,GRF,OGAB,4,12,9,12,340,15,40,MEPDG,7.63002100000000,0.80503640000000
C2B3H1S1P4L1M1J2E2A2,GRF,OGAB,4,12,9,12,340,15,40,MNAVG,4.90995000000000,0.15538390000000
C2B3H1S1P4L1M1J2E2A3,GRF,OGAB,4,12,9,12,340,15,40,MNHVY,9.27295500000000,1.55336000000000
C2B3H1S1P4L1M2J1E1A1,GRF,OGAB,4,12,9,12,590,12,10,MEPDG,0.10699840000000,0.01220354000000
C2B3H1S1P4L1M2J1E1A2,GRF,OGAB,4,12,9,12,590,12,10,MNAVG,0.02871800000000,0.00148830400000
C2B3H1S1P4L1M2J1E1A3,GRF,OGAB,4,12,9,12,590,12,10,MNHVY,0.04135739000000,0.01836995000000
C2B3H1S1P4L1M2J1E2A1,GRF,OGAB,4,12,9,12,590,12,40,MEPDG,0.03765580000000,0.00648226800000
C2B3H1S1P4L1M2J1E2A2,GRF,OGAB,4,12,9,12,590,12,40,MNAVG,0.01091943000000,0.00072078650000
C2B3H1S1P4L1M2J1E2A3,GRF,OGAB,4,12,9,12,590,12,40,MNHVY,0.01373874000000,0.00905183900000
C2B3H1S1P4L1M2J2E1A1,GRF,OGAB,4,12,9,12,590,15,10,MEPDG,0.52106300000000,0.07675925000000
C2B3H1S1P4L1M2J2E1A2,GRF,OGAB,4,12,9,12,590,15,10,MNAVG,0.19614910000000,0.01342671000000
C2B3H1S1P4L1M2J2E1A3,GRF,OGAB,4,12,9,12,590,15,10,MNHVY,0.41314410000000,0.14677980000000
C2B3H1S1P4L1M2J2E2A1,GRF,OGAB,4,12,9,12,590,15,40,MEPDG,0.21290220000000,0.03988857000000
C2B3H1S1P4L1M2J2E2A2,GRF,OGAB,4,12,9,12,590,15,40,MNAVG,0.08609100000000,0.00674123900000
C2B3H1S1P4L1M2J2E2A3,GRF,OGAB,4,12,9,12,590,15,40,MNHVY,0.16154590000000,0.07428239000000
C2B3H1S1P4L1M3J1E1A1,GRF,OGAB,4,12,9,12,840,12,10,MEPDG,0.00434277800000,0.00042309240000
C2B3H1S1P4L1M3J1E1A2,GRF,OGAB,4,12,9,12,840,12,10,MNAVG,0.00093484240000,0.00003694848000
C2B3H1S1P4L1M3J1E1A3,GRF,OGAB,4,12,9,12,840,12,10,MNHVY,0.00100803500000,0.00048755240000
C2B3H1S1P4L1M3J1E2A1,GRF,OGAB,4,12,9,12,840,12,40,MEPDG,0.00119655400000,0.00023131540000
C2B3H1S1P4L1M3J1E2A2,GRF,OGAB,4,12,9,12,840,12,40,MNAVG,0.00030614520000,0.00001765387000
C2B3H1S1P4L1M3J1E2A3,GRF,OGAB,4,12,9,12,840,12,40,MNHVY,0.00028726540000,0.00023681810000
C2B3H1S1P4L1M3J2E1A1,GRF,OGAB,4,12,9,12,840,15,10,MEPDG,0.03062476000000,0.00496769100000
C2B3H1S1P4L1M3J2E1A2,GRF,OGAB,4,12,9,12,840,15,10,MNAVG,0.00759243500000,0.00072409280000
C2B3H1S1P4L1M3J2E1A3,GRF,OGAB,4,12,9,12,840,15,10,MNHVY,0.01499544000000,0.00863508400000
C2B3H1S1P4L1M3J2E2A1,GRF,OGAB,4,12,9,12,840,15,40,MEPDG,0.00993508700000,0.00243632800000
C2B3H1S1P4L1M3J2E2A2,GRF,OGAB,4,12,9,12,840,15,40,MNAVG,0.00276379700000,0.00033394720000
C2B3H1S1P4L1M3J2E2A3,GRF,OGAB,4,12,9,12,840,15,40,MNHVY,0.00456078200000,0.00403826500000
C2B3H1S1P4L2M1J1E1A1,GRF,OGAB,4,12,9,13,340,12,10,MEPDG,0.59998700000000,0.12197790000000
C2B3H1S1P4L2M1J1E1A2,GRF,OGAB,4,12,9,13,340,12,10,MNAVG,0.28907450000000,0.01792332000000
C2B3H1S1P4L2M1J1E1A3,GRF,OGAB,4,12,9,13,340,12,10,MNHVY,0.46151850000000,0.20493910000000
C2B3H1S1P4L2M1J1E2A1,GRF,OGAB,4,12,9,13,340,12,40,MEPDG,0.59998700000000,0.12197790000000
C2B3H1S1P4L2M1J1E2A2,GRF,OGAB,4,12,9,13,340,12,40,MNAVG,0.28907450000000,0.01792332000000
C2B3H1S1P4L2M1J1E2A3,GRF,OGAB,4,12,9,13,340,12,40,MNHVY,0.46151850000000,0.20493910000000
C2B3H1S1P4L2M1J2E1A1,GRF,OGAB,4,12,9,13,340,15,10,MEPDG,1.97139900000000,0.40230710000000
```

```
C2B3H1S1P4L2M1J2E1A2,GRF,OGAB,4,12,9,13,340,15,10,MNAVG,1.26827400000000,0.08032989000000
C2B3H1S1P4L2M1J2E1A3,GRF,OGAB,4,12,9,13,340,15,10,MNHVY,2.37208000000000,0.78565940000000
C2B3H1S1P4L2M1J2E2A1,GRF,OGAB,4,12,9,13,340,15,40,MEPDG,1.97139900000000,0.40230710000000
C2B3H1S1P4L2M1J2E2A2,GRF,OGAB,4,12,9,13,340,15,40,MNAVG,1.26827400000000,0.08032989000000
C2B3H1S1P4L2M1J2E2A3,GRF,OGAB,4,12,9,13,340,15,40,MNHVY,2.37208000000000,0.78565940000000
C2B3H1S1P4L2M2J1E1A1,GRF,OGAB,4,12,9,13,590,12,10,MEPDG,0.00763102700000,0.00250430100000
C2B3H1S1P4L2M2J1E1A2,GRF,OGAB,4,12,9,13,590,12,10,MNAVG,0.00223136800000,0.00028460350000
C2B3H1S1P4L2M2J1E1A3,GRF,OGAB,4,12,9,13,590,12,10,MNHVY,0.00269997100000,0.00353620400000
C2B3H1S1P4L2M2J1E2A1,GRF,OGAB,4,12,9,13,590,12,40,MEPDG,0.00763102700000,0.00250430100000
C2B3H1S1P4L2M2J1E2A2,GRF,OGAB,4,12,9,13,590,12,40,MNAVG,0.00223136800000,0.00028460350000
C2B3H1S1P4L2M2J1E2A3,GRF,OGAB,4,12,9,13,590,12,40,MNHVY,0.00269997100000,0.00353620400000
C2B3H1S1P4L2M2J2E1A1,GRF,OGAB,4,12,9,13,590,15,10,MEPDG,0.04842836000000,0.01862417000000
C2B3H1S1P4L2M2J2E1A2,GRF,OGAB,4,12,9,13,590,15,10,MNAVG,0.01968828000000,0.00323478300000
C2B3H1S1P4L2M2J2E1A3,GRF,OGAB,4,12,9,13,590,15,10,MNHVY,0.03604630000000,0.03509098000000
C2B3H1S1P4L2M2J2E2A1,GRF,OGAB,4,12,9,13,590,15,40,MEPDG,0.04842836000000,0.01862417000000
C2B3H1S1P4L2M2J2E2A2,GRF,OGAB,4,12,9,13,590,15,40,MNAVG,0.01968828000000,0.00323478300000
C2B3H1S1P4L2M2J2E2A3,GRF,OGAB,4,12,9,13,590,15,40,MNHVY,0.03604630000000,0.03509098000000
C2B3H1S1P4L2M3J1E1A1,GRF,OGAB,4,12,9,13,840,12,10,MEPDG,0.00021686020000,0.00008586478000
C2B3H1S1P4L2M3J1E1A2,GRF,OGAB,4,12,9,13,840,12,10,MNAVG,0.00005788532000,0.00000656382100
C2B3H1S1P4L2M3J1E1A3,GRF,OGAB,4,12,9,13,840,12,10,MNHVY,0.00005200160000,0.00008771427000
C2B3H1S1P4L2M3J1E2A1,GRF,OGAB,4,12,9,13,840,12,40,MEPDG,0.00021686020000,0.00008586478000
C2B3H1S1P4L2M3J1E2A2,GRF,OGAB,4,12,9,13,840,12,40,MNAVG,0.00005788532000,0.00000656382100
C2B3H1S1P4L2M3J1E2A3,GRF,OGAB,4,12,9,13,840,12,40,MNHVY,0.00005200160000,0.00008771427000
C2B3H1S1P4L2M3J2E1A1,GRF,OGAB,4,12,9,13,840,15,10,MEPDG,0.00202147400000,0.00105537700000
C2B3H1S1P4L2M3J2E1A2,GRF,OGAB,4,12,9,13,840,15,10,MNAVG,0.00057369480000,0.00014752060000
C2B3H1S1P4L2M3J2E1A3,GRF,OGAB,4,12,9,13,840,15,10,MNHVY,0.00090567940000,0.00176448900000
C2B3H1S1P4L2M3J2E2A1,GRF,OGAB,4,12,9,13,840,15,40,MEPDG,0.00202147400000,0.00105537700000
C2B3H1S1P4L2M3J2E2A2,GRF,OGAB,4,12,9,13,840,15,40,MNAVG,0.00057369480000,0.00014752060000
C2B3H1S1P4L2M3J2E2A3,GRF,OGAB,4,12,9,13,840,15,40,MNHVY,0.00090567940000,0.00176448900000
C2B3H1S1P5L1M1J1E1A1,GRF,OGAB,4,12,10,12,340,12,10,MEPDG,1.53039000000000,0.27322000000000
C2B3H1S1P5L1M1J1E1A2,GRF,OGAB,4,12,10,12,340,12,10,MNAVG,0.57050160000000,0.03912931000000
C2B3H1S1P5L1M1J1E1A3,GRF,OGAB,4,12,10,12,340,12,10,MNHVY,0.96643490000000,0.47149290000000
C2B3H1S1P5L1M1J1E2A1,GRF,OGAB,4,12,10,12,340,12,40,MEPDG,0.64719480000000,0.15394270000000
C2B3H1S1P5L1M1J1E2A2,GRF,OGAB,4,12,10,12,340,12,40,MNAVG,0.24783260000000,0.02089288000000
C2B3H1S1P5L1M1J1E2A3,GRF,OGAB,4,12,10,12,340,12,40,MNHVY,0.37643310000000,0.25403340000000
C2B3H1S1P5L1M1J2E1A1,GRF,OGAB,4,12,10,12,340,15,10,MEPDG,5.18630300000000,0.92583800000000
C2B3H1S1P5L1M1J2E1A2,GRF,OGAB,4,12,10,12,340,15,10,MNAVG,2.65654600000000,0.17246390000000
C2B3H1S1P5L1M1J2E1A3,GRF,OGAB,4,12,10,12,340,15,10,MNHVY,5.48659800000000,1.83034100000000
C2B3H1S1P5L1M1J2E2A1,GRF,OGAB,4,12,10,12,340,15,40,MEPDG,2.49488400000000,0.53593100000000
C2B3H1S1P5L1M1J2E2A2,GRF,OGAB,4,12,10,12,340,15,40,MNAVG,1.34344500000000,0.09858733000000
C2B3H1S1P5L1M1J2E2A3,GRF,OGAB,4,12,10,12,340,15,40,MNHVY,2.56663100000000,1.04346800000000
C2B3H1S1P5L1M2J1E1A1,GRF,OGAB,4,12,10,12,590,12,10,MEPDG,0.01903831000000,0.00411466500000
C2B3H1S1P5L1M2J1E1A2,GRF,OGAB,4,12,10,12,590,12,10,MNAVG,0.00412224400000,0.00044157570000
C2B3H1S1P5L1M2J1E1A3,GRF,OGAB,4,12,10,12,590,12,10,MNHVY,0.00514868800000,0.00579284700000
C2B3H1S1P5L1M2J1E2A1,GRF,OGAB,4,12,10,12,590,12,40,MEPDG,0.00581268500000,0.00230639800000
C2B3H1S1P5L1M2J1E2A2,GRF,OGAB,4,12,10,12,590,12,40,MNAVG,0.00145465500000,0.00023160840000
C2B3H1S1P5L1M2J1E2A3,GRF,OGAB,4,12,10,12,590,12,40,MNHVY,0.00156531900000,0.00304750000000
C2B3H1S1P5L1M2J2E1A1,GRF,OGAB,4,12,10,12,590,15,10,MEPDG,0.11013970000000,0.03458577000000
C2B3H1S1P5L1M2J2E1A2,GRF,OGAB,4,12,10,12,590,15,10,MNAVG,0.03030615000000,0.00551069200000
C2B3H1S1P5L1M2J2E1A3,GRF,OGAB,4,12,10,12,590,15,10,MNHVY,0.06119587000000,0.06453132000000
```

```
C2B3H1S1P5L1M2J2E2A1,GRF,OGAB,4,12,10,12,590,15,40,MEPDG,0.03973368000000,0.01854670000000
C2B3H1S1P5L1M2J2E2A2,GRF,OGAB,4,12,10,12,590,15,40,MNAVG,0.01211842000000,0.00287935800000
C2B3H1S1P5L1M2J2E2A3,GRF,OGAB,4,12,10,12,590,15,40,MNHVY,0.02108074000000,0.03379396000000
C2B3H1S1P5L1M3J1E1A1,GRF,OGAB,4,12,10,12,840,12,10,MEPDG,0.00058448240000,0.00011791550000
C2B3H1S1P5L1M3J1E1A2,GRF,OGAB,4,12,10,12,840,12,10,MNAVG,0.00011199250000,0.00000892503900
C2B3H1S1P5L1M3J1E1A3,GRF,OGAB,4,12,10,12,840,12,10,MNHVY,0.00010372330000,0.00012535110000
C2B3H1S1P5L1M3J1E2A1,GRF,OGAB,4,12,10,12,840,12,40,MEPDG,0.00013807860000,0.00007150821000
C2B3H1S1P5L1M3J1E2A2,GRF,OGAB,4,12,10,12,840,12,40,MNAVG,0.00003341225000,0.00000490086900
C2B3H1S1P5L1M3J1E2A3,GRF,OGAB,4,12,10,12,840,12,40,MNHVY,0.00002706998000,0.00006856801000
C2B3H1S1P5L1M3J2E1A1,GRF,OGAB,4,12,10,12,840,15,10,MEPDG,0.00410885300000,0.00176233600000
C2B3H1S1P5L1M3J2E1A2,GRF,OGAB,4,12,10,12,840,15,10,MNAVG,0.00076962540000,0.00022893700000
C2B3H1S1P5L1M3J2E1A3,GRF,OGAB,4,12,10,12,840,15,10,MNHVY,0.00123308500000,0.00290227400000
C2B3H1S1P5L1M3J2E2A1,GRF,OGAB,4,12,10,12,840,15,40,MEPDG,0.00115576400000,0.00091603960000
C2B3H1S1P5L1M3J2E2A2,GRF,OGAB,4,12,10,12,840,15,40,MNAVG,0.00025810510000,0.00011315120000
C2B3H1S1P5L1M3J2E2A3,GRF,OGAB,4,12,10,12,840,15,40,MNHVY,0.00034126810000,0.00144287000000
C2B3H1S1P5L2M1J1E1A1,GRF,OGAB,4,12,10,13,340,12,10,MEPDG,0.14339480000000,0.06540055000000
C2B3H1S1P5L2M1J1E1A2,GRF,OGAB,4,12,10,13,340,12,10,MNAVG,0.05398721000000,0.00912424400000
C2B3H1S1P5L2M1J1E1A3,GRF,OGAB,4,12,10,13,340,12,10,MNHVY,0.07973561000000,0.10943660000000
C2B3H1S1P5L2M1J1E2A1,GRF,OGAB,4,12,10,13,340,12,40,MEPDG,0.14339480000000,0.06540055000000
C2B3H1S1P5L2M1J1E2A2,GRF,OGAB,4,12,10,13,340,12,40,MNAVG,0.05398721000000,0.00912424400000
C2B3H1S1P5L2M1J1E2A3,GRF,OGAB,4,12,10,13,340,12,40,MNHVY,0.07973561000000,0.10943660000000
C2B3H1S1P5L2M1J2E1A1,GRF,OGAB,4,12,10,13,340,15,10,MEPDG,0.61781670000000,0.27221880000000
C2B3H1S1P5L2M1J2E1A2,GRF,OGAB,4,12,10,13,340,15,10,MNAVG,0.33348800000000,0.05168882000000
C2B3H1S1P5L2M1J2E1A3,GRF,OGAB,4,12,10,13,340,15,10,MNHVY,0.62658410000000,0.53616270000000
C2B3H1S1P5L2M1J2E2A1,GRF,OGAB,4,12,10,13,340,15,40,MEPDG,0.61781670000000,0.27221880000000
C2B3H1S1P5L2M1J2E2A2,GRF,OGAB,4,12,10,13,340,15,40,MNAVG,0.33348800000000,0.05168882000000
C2B3H1S1P5L2M1J2E2A3,GRF,OGAB,4,12,10,13,340,15,40,MNHVY,0.62658410000000,0.53616270000000
C2B3H1S1P5L2M2J1E1A1,GRF,OGAB,4,12,10,13,590,12,10,MEPDG,0.00110624700000,0.00091582370000
C2B3H1S1P5L2M2J1E1A2,GRF,OGAB,4,12,10,13,590,12,10,MNAVG,0.00028671660000,0.00009351884000
C2B3H1S1P5L2M2J1E1A3,GRF,OGAB,4,12,10,13,590,12,10,MNHVY,0.00029464260000,0.00122273500000
C2B3H1S1P5L2M2J1E2A1,GRF,OGAB,4,12,10,13,590,12,40,MEPDG,0.00110624700000,0.00091582370000
C2B3H1S1P5L2M2J1E2A2,GRF,OGAB,4,12,10,13,590,12,40,MNAVG,0.00028671660000,0.00009351884000
C2B3H1S1P5L2M2J1E2A3,GRF,OGAB,4,12,10,13,590,12,40,MNHVY,0.00029464260000,0.00122273500000
C2B3H1S1P5L2M2J2E1A1,GRF,OGAB,4,12,10,13,590,15,10,MEPDG,0.00849755900000,0.00876032700000
C2B3H1S1P5L2M2J2E1A2,GRF,OGAB,4,12,10,13,590,15,10,MNAVG,0.00263813900000,0.00139667100000
C2B3H1S1P5L2M2J2E1A3,GRF,OGAB,4,12,10,13,590,15,10,MNHVY,0.00442186400000,0.01614161000000
C2B3H1S1P5L2M2J2E2A1,GRF,OGAB,4,12,10,13,590,15,40,MEPDG,0.00849755900000,0.00876032700000
C2B3H1S1P5L2M2J2E2A2,GRF,OGAB,4,12,10,13,590,15,40,MNAVG,0.00263813900000,0.00139667100000
C2B3H1S1P5L2M2J2E2A3,GRF,OGAB,4,12,10,13,590,15,40,MNHVY,0.00442186400000,0.01614161000000
C2B3H1S1P5L2M3J1E1A1,GRF,OGAB,4,12,10,13,840,12,10,MEPDG,0.00002350430000,0.00002776738000
C2B3H1S1P5L2M3J1E1A2,GRF,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000604875000,0.00000189190000
C2B3H1S1P5L2M3J1E1A3,GRF,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000470245000,0.00002645203000
C2B3H1S1P5L2M3J1E2A1,GRF,OGAB,4,12,10,13,840,12,40,MEPDG,0.00002350430000,0.00002776738000
C2B3H1S1P5L2M3J1E2A2,GRF,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000604875000,0.00000189190000
C2B3H1S1P5L2M3J1E2A3,GRF,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000470245000,0.00002645203000
C2B3H1S1P5L2M3J2E1A1,GRF,OGAB,4,12,10,13,840,15,10,MEPDG,0.00021855000000,0.00040996510000
C2B3H1S1P5L2M3J2E1A2,GRF,OGAB,4,12,10,13,840,15,10,MNAVG,0.00005095657000,0.00005154748000
C2B3H1S1P5L2M3J2E1A3,GRF,OGAB,4,12,10,13,840,15,10,MNHVY,0.00006398658000,0.00065142020000
C2B3H1S1P5L2M3J2E2A1,GRF,OGAB,4,12,10,13,840,15,40,MEPDG,0.00021855000000,0.00040996510000
C2B3H1S1P5L2M3J2E2A2,GRF,OGAB,4,12,10,13,840,15,40,MNAVG,0.00005095657000,0.00005154748000
```

```
C2B3H1S1P5L2M3J2E2A3,GRF,OGAB,4,12,10,13,840,15,40,MNHVY,0.00006398658000,0.00065142020000
C2B3H1S1P6L1M1J1E1A1,GRF,OGAB,4,12,11,12,340,12,10,MEPDG,0.39744850000000,0.13243200000000
C2B3H1S1P6L1M1J1E1A2,GRF,OGAB,4,12,11,12,340,12,10,MNAVG,0.11288040000000,0.01708593000000
C2B3H1S1P6L1M1J1E1A3,GRF,OGAB,4,12,11,12,340,12,10,MNHVY,0.18000040000000,0.21910890000000
C2B3H1S1P6L1M1J1E2A1,GRF,OGAB,4,12,11,12,340,12,40,MEPDG,0.15060760000000,0.07644489000000
C2B3H1S1P6L1M1J1E2A2,GRF,OGAB,4,12,11,12,340,12,40,MNAVG,0.04549631000000,0.00948970100000
C2B3H1S1P6L1M1J1E2A3,GRF,OGAB,4,12,11,12,340,12,40,MNHVY,0.06320643000000,0.12172960000000
C2B3H1S1P6L1M1J2E1A1,GRF,OGAB,4,12,11,12,340,15,10,MEPDG,1.64059600000000,0.56317530000000
C2B3H1S1P6L1M1J2E1A2,GRF,OGAB,4,12,11,12,340,15,10,MNAVG,0.66295370000000,0.09707099000000
C2B3H1S1P6L1M1J2E1A3,GRF,OGAB,4,12,11,12,340,15,10,MNHVY,1.38890500000000,1.10209600000000
C2B3H1S1P6L1M1J2E2A1,GRF,OGAB,4,12,11,12,340,15,40,MEPDG,0.71647580000000,0.32972870000000
C2B3H1S1P6L1M1J2E2A2,GRF,OGAB,4,12,11,12,340,15,40,MNAVG,0.31032040000000,0.05644549000000
C2B3H1S1P6L1M1J2E2A3,GRF,OGAB,4,12,11,12,340,15,40,MNHVY,0.58511030000000,0.63693460000000
C2B3H1S1P6L1M2J1E1A1,GRF,OGAB,4,12,11,12,590,12,10,MEPDG,0.00349061000000,0.00148663900000
C2B3H1S1P6L1M2J1E1A2,GRF,OGAB,4,12,11,12,590,12,10,MNAVG,0.00066230740000,0.00013670650000
C2B3H1S1P6L1M2J1E1A3,GRF,OGAB,4,12,11,12,590,12,10,MNHVY,0.00072962200000,0.00192760300000
C2B3H1S1P6L1M2J1E2A1,GRF,OGAB,4,12,11,12,590,12,40,MEPDG,0.00094080200000,0.00088037780000
C2B3H1S1P6L1M2J1E2A2,GRF,OGAB,4,12,11,12,590,12,40,MNAVG,0.00021842630000,0.00007752510000
C2B3H1S1P6L1M2J1E2A3,GRF,OGAB,4,12,11,12,590,12,40,MNHVY,0.00020697130000,0.00108365600000
C2B3H1S1P6L1M2J2E1A1,GRF,OGAB,4,12,11,12,590,15,10,MEPDG,0.02020311000000,0.01529591000000
C2B3H1S1P6L1M2J2E1A2,GRF,OGAB,4,12,11,12,590,15,10,MNAVG,0.00420292400000,0.00216087300000
C2B3H1S1P6L1M2J2E1A3,GRF,OGAB,4,12,11,12,590,15,10,MNHVY,0.00741031700000,0.02719707000000
C2B3H1S1P6L1M2J2E2A1,GRF,OGAB,4,12,11,12,590,15,40,MEPDG,0.00641616400000,0.00847416600000
C2B3H1S1P6L1M2J2E2A2,GRF,OGAB,4,12,11,12,590,15,40,MNAVG,0.00154551800000,0.00118278400000
C2B3H1S1P6L1M2J2E2A3,GRF,OGAB,4,12,11,12,590,15,40,MNHVY,0.00229263100000,0.01478588000000
C2B3H1S1P6L1M3J1E1A1,GRF,OGAB,4,12,11,12,840,12,10,MEPDG,0.00009013760000,0.00003881727000
C2B3H1S1P6L1M3J1E1A2,GRF,OGAB,4,12,11,12,840,12,10,MNAVG,0.00001492565000,0.00000260219400
C2B3H1S1P6L1M3J1E1A3,GRF,OGAB,4,12,11,12,840,12,10,MNHVY,0.00001293455000,0.00003870928000
C2B3H1S1P6L1M3J1E2A1,GRF,OGAB,4,12,11,12,840,12,40,MEPDG,0.00001915511000,0.00002231065000
C2B3H1S1P6L1M3J1E2A2,GRF,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000418344500,0.00000142702800
C2B3H1S1P6L1M3J1E2A3,GRF,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000315864100,0.00002111265000
C2B3H1S1P6L1M3J2E1A1,GRF,OGAB,4,12,11,12,840,15,10,MEPDG,0.00050196020000,0.00066698020000
C2B3H1S1P6L1M3J2E1A2,GRF,OGAB,4,12,11,12,840,15,10,MNAVG,0.00007884733000,0.00007404209000
C2B3H1S1P6L1M3J2E1A3,GRF,OGAB,4,12,11,12,840,15,10,MNHVY,0.00009878478000,0.00101125900000
C2B3H1S1P6L1M3J2E2A1,GRF,OGAB,4,12,11,12,840,15,40,MEPDG,0.00012435200000,0.00036937450000
C2B3H1S1P6L1M3J2E2A2,GRF,OGAB,4,12,11,12,840,15,40,MNAVG,0.00002470986000,0.00003961279000
C2B3H1S1P6L1M3J2E2A3,GRF,OGAB,4,12,11,12,840,15,40,MNHVY,0.00002603971000,0.00053712100000
C2B3H1S1P6L2M1J1E1A1,GRF,OGAB,4,12,11,13,340,12,10,MEPDG,0.03173061000000,0.03303197000000
C2B3H1S1P6L2M1J1E1A2,GRF,OGAB,4,12,11,13,340,12,10,MNAVG,0.00958711100000,0.00418013000000
C2B3H1S1P6L2M1J1E1A3,GRF,OGAB,4,12,11,13,340,12,10,MNHVY,0.01279131000000,0.05321039000000
C2B3H1S1P6L2M1J1E2A1,GRF,OGAB,4,12,11,13,340,12,40,MEPDG,0.03173061000000,0.03303197000000
C2B3H1S1P6L2M1J1E2A2,GRF,OGAB,4,12,11,13,340,12,40,MNAVG,0.00958711100000,0.00418013000000
C2B3H1S1P6L2M1J1E2A3,GRF,OGAB,4,12,11,13,340,12,40,MNHVY,0.01279131000000,0.05321039000000
C2B3H1S1P6L2M1J2E1A1,GRF,OGAB,4,12,11,13,340,15,10,MEPDG,0.16801590000000,0.16905200000000
C2B3H1S1P6L2M1J2E1A2,GRF,OGAB,4,12,11,13,340,15,10,MNAVG,0.07307377000000,0.02980855000000
C2B3H1S1P6L2M1J2E1A3,GRF,OGAB,4,12,11,13,340,15,10,MNHVY,0.13415000000000,0.33006000000000
C2B3H1S1P6L2M1J2E2A1,GRF,OGAB,4,12,11,13,340,15,40,MEPDG,0.16801590000000,0.16905200000000
C2B3H1S1P6L2M1J2E2A2,GRF,OGAB,4,12,11,13,340,15,40,MNAVG,0.07307377000000,0.02980855000000
C2B3H1S1P6L2M1J2E2A3,GRF,OGAB,4,12,11,13,340,15,40,MNHVY,0.13415000000000,0.33006000000000
C2B3H1S1P6L2M2J1E1A1,GRF,OGAB,4,12,11,13,590,12,10,MEPDG,0.00016971950000,0.00036576750000
```

```
C2B3H1S1P6L2M2J1E1A2,GRF,OGAB,4,12,11,13,590,12,10,MNAVG,0.00004158106000,0.00003275502000
C2B3H1S1P6L2M2J1E1A3,GRF,OGAB,4,12,11,13,590,12,10,MNHVY,0.00003759191000,0.00045640090000
C2B3H1S1P6L2M2J1E2A1,GRF,OGAB,4,12,11,13,590,12,40,MEPDG,0.00016971950000,0.00036576750000
C2B3H1S1P6L2M2J1E2A2,GRF,OGAB,4,12,11,13,590,12,40,MNAVG,0.00004158106000,0.00003275502000
C2B3H1S1P6L2M2J1E2A3,GRF,OGAB,4,12,11,13,590,12,40,MNHVY,0.00003759191000,0.00045640090000
C2B3H1S1P6L2M2J2E1A1,GRF,OGAB,4,12,11,13,590,15,10,MEPDG,0.00127958300000,0.00407878300000
C2B3H1S1P6L2M2J2E1A2,GRF,OGAB,4,12,11,13,590,15,10,MNAVG,0.00031827510000,0.00058309050000
C2B3H1S1P6L2M2J2E1A3,GRF,OGAB,4,12,11,13,590,15,10,MNHVY,0.00044921800000,0.00720767800000
C2B3H1S1P6L2M2J2E2A1,GRF,OGAB,4,12,11,13,590,15,40,MEPDG,0.00127958300000,0.00407878300000
C2B3H1S1P6L2M2J2E2A2,GRF,OGAB,4,12,11,13,590,15,40,MNAVG,0.00031827510000,0.00058309050000
C2B3H1S1P6L2M2J2E2A3,GRF,OGAB,4,12,11,13,590,15,40,MNHVY,0.00044921800000,0.00720767800000
C2B3H1S1P6L2M3J1E1A1,GRF,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000318776600,0.00000858711200
C2B3H1S1P6L2M3J1E1A2,GRF,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000074526490,0.00000054427320
C2B3H1S1P6L2M3J1E1A3,GRF,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000054428810,0.00000805446100
C2B3H1S1P6L2M3J1E2A1,GRF,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000318776600,0.00000858711200
C2B3H1S1P6L2M3J1E2A2,GRF,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000074526490,0.00000054427320
C2B3H1S1P6L2M3J1E2A3,GRF,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000054428810,0.00000805446100
C2B3H1S1P6L2M3J2E1A1,GRF,OGAB,4,12,11,13,840,15,10,MEPDG,0.00002195416000,0.00017288530000
C2B3H1S1P6L2M3J2E1A2,GRF,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000463857200,0.00001876317000
C2B3H1S1P6L2M3J2E1A3,GRF,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000464944700,0.00025323170000
C2B3H1S1P6L2M3J2E2A1,GRF,OGAB,4,12,11,13,840,15,40,MEPDG,0.00002195416000,0.00017288530000
C2B3H1S1P6L2M3J2E2A2,GRF,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000463857200,0.00001876317000
C2B3H1S1P6L2M3J2E2A3,GRF,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000464944700,0.00025323170000
C2B3H1S1P7L1M1J1E1A1,GRF,OGAB,4,12,12,12,340,12,10,MEPDG,0.10733320000000,0.06321364000000
C2B3H1S1P7L1M1J1E1A2,GRF,OGAB,4,12,12,12,340,12,10,MNAVG,0.02440512000000,0.00714510100000
C2B3H1S1P7L1M1J1E1A3,GRF,OGAB,4,12,12,12,340,12,10,MNHVY,0.03640009000000,0.09725130000000
C2B3H1S1P7L1M1J1E2A1,GRF,OGAB,4,12,12,12,340,12,40,MEPDG,0.03673277000000,0.03778056000000
C2B3H1S1P7L1M1J1E2A2,GRF,OGAB,4,12,12,12,340,12,40,MNAVG,0.00932069400000,0.00417728700000
C2B3H1S1P7L1M1J1E2A3,GRF,OGAB,4,12,12,12,340,12,40,MNHVY,0.01185261000000,0.05638419000000
C2B3H1S1P7L1M1J2E1A1,GRF,OGAB,4,12,12,12,340,15,10,MEPDG,0.47973850000000,0.32371910000000
C2B3H1S1P7L1M1J2E1A2,GRF,OGAB,4,12,12,12,340,15,10,MNAVG,0.14750460000000,0.05092864000000
C2B3H1S1P7L1M1J2E1A3,GRF,OGAB,4,12,12,12,340,15,10,MNHVY,0.30272970000000,0.61307110000000
C2B3H1S1P7L1M1J2E2A1,GRF,OGAB,4,12,12,12,340,15,40,MEPDG,0.18893650000000,0.19256490000000
C2B3H1S1P7L1M1J2E2A2,GRF,OGAB,4,12,12,12,340,15,40,MNAVG,0.06363544000000,0.03027502000000
C2B3H1S1P7L1M1J2E2A3,GRF,OGAB,4,12,12,12,340,15,40,MNHVY,0.11407820000000,0.36094970000000
C2B3H1S1P7L1M2J1E1A1,GRF,OGAB,4,12,12,12,590,12,10,MEPDG,0.00073498710000,0.00058471770000
C2B3H1S1P7L1M2J1E1A2,GRF,OGAB,4,12,12,12,590,12,10,MNAVG,0.00012237180000,0.00004715679000
C2B3H1S1P7L1M2J1E1A3,GRF,OGAB,4,12,12,12,590,12,10,MNHVY,0.00012597750000,0.00069387570000
C2B3H1S1P7L1M2J1E2A1,GRF,OGAB,4,12,12,12,590,12,40,MEPDG,0.00017934720000,0.00037084950000
C2B3H1S1P7L1M2J1E2A2,GRF,OGAB,4,12,12,12,590,12,40,MNAVG,0.00003820328000,0.00002887941000
C2B3H1S1P7L1M2J1E2A3,GRF,OGAB,4,12,12,12,590,12,40,MNHVY,0.00003366067000,0.00042180330000
C2B3H1S1P7L1M2J2E1A1,GRF,OGAB,4,12,12,12,590,15,10,MEPDG,0.00346063800000,0.00677282100000
C2B3H1S1P7L1M2J2E1A2,GRF,OGAB,4,12,12,12,590,15,10,MNAVG,0.00058218640000,0.00083958210000
C2B3H1S1P7L1M2J2E1A3,GRF,OGAB,4,12,12,12,590,15,10,MNHVY,0.00084540700000,0.01125013000000
C2B3H1S1P7L1M2J2E2A1,GRF,OGAB,4,12,12,12,590,15,40,MEPDG,0.00097055160000,0.00391120000000
C2B3H1S1P7L1M2J2E2A2,GRF,OGAB,4,12,12,12,590,15,40,MNAVG,0.00019958410000,0.00048463070000
C2B3H1S1P7L1M2J2E2A3,GRF,OGAB,4,12,12,12,590,15,40,MNHVY,0.00024261020000,0.00640998100000
C2B3H1S1P7L1M3J1E1A1,GRF,OGAB,4,12,12,12,840,12,10,MEPDG,0.00001994633000,0.00001190319000
C2B3H1S1P7L1M3J1E1A2,GRF,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000251144900,0.00000072104140
C2B3H1S1P7L1M3J1E1A3,GRF,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000226082700,0.00001093706000
```

```
C2B3H1S1P7L1M3J1E2A1,GRF,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000440957400,0.00001012473000
C2B3H1S1P7L1M3J1E2A2,GRF,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000073014730,0.00000056591470
C2B3H1S1P7L1M3J1E2A3,GRF,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000057230850,0.00000854168000
C2B3H1S1P7L1M3J2E1A1,GRF,OGAB,4,12,12,12,840,15,10,MEPDG,0.00006763420000,0.00026902250000
C2B3H1S1P7L1M3J2E1A2,GRF,OGAB,4,12,12,12,840,15,10,MNAVG,0.00000919639800,0.00002554722000
C2B3H1S1P7L1M3J2E1A3,GRF,OGAB,4,12,12,12,840,15,10,MNHVY,0.00000961696300,0.00036839290000
C2B3H1S1P7L1M3J2E2A1,GRF,OGAB,4,12,12,12,840,15,40,MEPDG,0.00001521895000,0.00016002270000
C2B3H1S1P7L1M3J2E2A2,GRF,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000273715800,0.00001456589000
C2B3H1S1P7L1M3J2E2A3,GRF,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000246176800,0.00020867240000
C2B3H1S1P7L2M1J1E1A1,GRF,OGAB,4,12,12,13,340,12,10,MEPDG,0.00739793800000,0.01670214000000
C2B3H1S1P7L2M1J1E1A2,GRF,OGAB,4,12,12,13,340,12,10,MNAVG,0.00191867500000,0.00187673100000
C2B3H1S1P7L2M1J1E1A3,GRF,OGAB,4,12,12,13,340,12,10,MNHVY,0.00232078900000,0.02520738000000
C2B3H1S1P7L2M1J1E2A1,GRF,OGAB,4,12,12,13,340,12,40,MEPDG,0.00739793800000,0.01670214000000
C2B3H1S1P7L2M1J1E2A2,GRF,OGAB,4,12,12,13,340,12,40,MNAVG,0.00191867500000,0.00187673100000
C2B3H1S1P7L2M1J1E2A3,GRF,OGAB,4,12,12,13,340,12,40,MNHVY,0.00232078900000,0.02520738000000
C2B3H1S1P7L2M1J2E1A1,GRF,OGAB,4,12,12,13,340,15,10,MEPDG,0.04197507000000,0.09996179000000
C2B3H1S1P7L2M1J2E1A2,GRF,OGAB,4,12,12,13,340,15,10,MNAVG,0.01429871000000,0.01614564000000
C2B3H1S1P7L2M1J2E1A3,GRF,OGAB,4,12,12,13,340,15,10,MNHVY,0.02469390000000,0.18963810000000
C2B3H1S1P7L2M1J2E2A1,GRF,OGAB,4,12,12,13,340,15,40,MEPDG,0.04197507000000,0.09996179000000
C2B3H1S1P7L2M1J2E2A2,GRF,OGAB,4,12,12,13,340,15,40,MNAVG,0.01429871000000,0.01614564000000
C2B3H1S1P7L2M1J2E2A3,GRF,OGAB,4,12,12,13,340,15,40,MNHVY,0.02469390000000,0.18963810000000
C2B3H1S1P7L2M2J1E1A1,GRF,OGAB,4,12,12,13,590,12,10,MEPDG,0.00003114448000,0.00015971720000
C2B3H1S1P7L2M2J1E1A2,GRF,OGAB,4,12,12,13,590,12,10,MNAVG,0.00000709481300,0.00001265460000
C2B3H1S1P7L2M2J1E1A3,GRF,OGAB,4,12,12,13,590,12,10,MNHVY,0.00000596631100,0.00018456620000
C2B3H1S1P7L2M2J1E2A1,GRF,OGAB,4,12,12,13,590,12,40,MEPDG,0.00003114448000,0.00015971720000
C2B3H1S1P7L2M2J1E2A2,GRF,OGAB,4,12,12,13,590,12,40,MNAVG,0.00000709481300,0.00001265460000
C2B3H1S1P7L2M2J1E2A3,GRF,OGAB,4,12,12,13,590,12,40,MNHVY,0.00000596631100,0.00018456620000
C2B3H1S1P7L2M2J2E1A1,GRF,OGAB,4,12,12,13,590,15,10,MEPDG,0.00018191760000,0.00193175600000
C2B3H1S1P7L2M2J2E1A2,GRF,OGAB,4,12,12,13,590,15,10,MNAVG,0.00003941341000,0.00024483810000
C2B3H1S1P7L2M2J2E1A3,GRF,OGAB,4,12,12,13,590,15,10,MNHVY,0.00004543968000,0.00321288000000
C2B3H1S1P7L2M2J2E2A1,GRF,OGAB,4,12,12,13,590,15,40,MEPDG,0.00018191760000,0.00193175600000
C2B3H1S1P7L2M2J2E2A2,GRF,OGAB,4,12,12,13,590,15,40,MNAVG,0.00003941341000,0.00024483810000
C2B3H1S1P7L2M2J2E2A3,GRF,OGAB,4,12,12,13,590,15,40,MNHVY,0.00004543968000,0.00321288000000
C2B3H1S1P7L2M3J1E1A1,GRF,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000071072070,0.00000495872400
C2B3H1S1P7L2M3J1E1A2,GRF,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000012760350,0.00000027207800
C2B3H1S1P7L2M3J1E1A3,GRF,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000009482329,0.00000410122100
C2B3H1S1P7L2M3J1E2A1,GRF,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000071072070,0.00000495872400
C2B3H1S1P7L2M3J1E2A2,GRF,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000012760350,0.00000027207800
C2B3H1S1P7L2M3J1E2A3,GRF,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000009482329,0.00000410122100
C2B3H1S1P7L2M3J2E1A1,GRF,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000257399600,0.00007762010000
C2B3H1S1P7L2M3J2E1A2,GRF,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000050021420,0.00000714027400
C2B3H1S1P7L2M3J2E1A3,GRF,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000043005160,0.00010199910000
C2B3H1S1P7L2M3J2E2A1,GRF,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000257399600,0.00007762010000
C2B3H1S1P7L2M3J2E2A2,GRF,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000050021420,0.00000714027400
C2B3H1S1P7L2M3J2E2A3,GRF,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000043005160,0.00010199910000
C2B3H2S2P1L1M1J1E1A1,GRF,OGAB,12,4,6,12,340,12,10,MEPDG,47.19397000000000,0.00000000000001
C2B3H2S2P1L1M1J1E1A2,GRF,OGAB,12,4,6,12,340,12,10,MNAVG,37.20411000000000,0.00000000000000
C2B3H2S2P1L1M1J1E1A3,GRF,OGAB,12,4,6,12,340,12,10,MNHVY,64.84367000000000,0.00000000000001
C2B3H2S2P1L1M1J1E2A1,GRF,OGAB,12,4,6,12,340,12,40,MEPDG,28.30876000000000,0.00000000000000
C2B3H2S2P1L1M1J1E2A2,GRF,OGAB,12,4,6,12,340,12,40,MNAVG,21.45779000000000,0.00000000000000
```

```
C2B3H2S2P1L1M1J1E2A3,GRF,OGAB,12,4,6,12,340,12,40,MNHVY,38.02406000000000,0.00000000000000
C2B3H2S2P1L1M1J2E1A1,GRF,OGAB,12,4,6,12,340,15,10,MEPDG,61.19106000000000,0.00000000000006
C2B3H2S2P1L1M1J2E1A2,GRF,OGAB,12,4,6,12,340,15,10,MNAVG,50.73310000000000,0.00000000000000
C2B3H2S2P1L1M1J2E1A3,GRF,OGAB,12,4,6,12,340,15,10,MNHVY,90.21115000000000,0.00000000000006
C2B3H2S2P1L1M1J2E2A1,GRF,OGAB,12,4,6,12,340,15,40,MEPDG,37.89164000000000,0.00000000000005
C2B3H2S2P1L1M1J2E2A2,GRF,OGAB,12,4,6,12,340,15,40,MNAVG,30.48280000000000,0.00000000000000
C2B3H2S2P1L1M1J2E2A3,GRF,OGAB,12,4,6,12,340,15,40,MNHVY,55.14689000000000,0.00000000000006
C2B3H2S2P1L1M2J1E1A1,GRF,OGAB,12,4,6,12,590,12,10,MEPDG,6.06807800000000,0.00000000000080
C2B3H2S2P1L1M2J1E1A2,GRF,OGAB,12,4,6,12,590,12,10,MNAVG,3.91301300000000,0.00000000000004
C2B3H2S2P1L1M2J1E1A3,GRF,OGAB,12,4,6,12,590,12,10,MNHVY,6.82586300000000,0.00000000000051
C2B3H2S2P1L1M2J1E2A1,GRF,OGAB,12,4,6,12,590,12,40,MEPDG,3.19271400000000,0.00000000000038
C2B3H2S2P1L1M2J1E2A2,GRF,OGAB,12,4,6,12,590,12,40,MNAVG,2.02346000000000,0.00000000000002
C2B3H2S2P1L1M2J1E2A3,GRF,OGAB,12,4,6,12,590,12,40,MNHVY,3.47997800000000,0.00000000000028
C2B3H2S2P1L1M2J2E1A1,GRF,OGAB,12,4,6,12,590,15,10,MEPDG,11.38589000000000,0.00000000000252
C2B3H2S2P1L1M2J2E1A2,GRF,OGAB,12,4,6,12,590,15,10,MNAVG,8.51525600000000,0.00000000000021
C2B3H2S2P1L1M2J2E1A3,GRF,OGAB,12,4,6,12,590,15,10,MNHVY,15.75675000000000,0.00000000000296
C2B3H2S2P1L1M2J2E2A1,GRF,OGAB,12,4,6,12,590,15,40,MEPDG,6.49683200000000,0.00000000000101
C2B3H2S2P1L1M2J2E2A2,GRF,OGAB,12,4,6,12,590,15,40,MNAVG,4.86442800000000,0.00000000000010
C2B3H2S2P1L1M2J2E2A3,GRF,OGAB,12,4,6,12,590,15,40,MNHVY,8.94466600000000,0.00000000000130
C2B3H2S2P1L1M3J1E1A1,GRF,OGAB,12,4,6,12,840,12,10,MEPDG,0.88362360000000,0.00000000000165
C2B3H2S2P1L1M3J1E1A2,GRF,OGAB,12,4,6,12,840,12,10,MNAVG,0.44072610000000,0.00000000000010
C2B3H2S2P1L1M3J1E1A3,GRF,OGAB,12,4,6,12,840,12,10,MNHVY,0.74715230000000,0.00000000000159
C2B3H2S2P1L1M3J1E2A1,GRF,OGAB,12,4,6,12,840,12,40,MEPDG,0.40459930000000,0.00000000000054
C2B3H2S2P1L1M3J1E2A2,GRF,OGAB,12,4,6,12,840,12,40,MNAVG,0.19973100000000,0.00000000000003
C2B3H2S2P1L1M3J1E2A3,GRF,OGAB,12,4,6,12,840,12,40,MNHVY,0.32317770000000,0.00000000000050
C2B3H2S2P1L1M3J2E1A1,GRF,OGAB,12,4,6,12,840,15,10,MEPDG,2.35674400000000,0.00000000000711
C2B3H2S2P1L1M3J2E1A2,GRF,OGAB,12,4,6,12,840,15,10,MNAVG,1.49776500000000,0.00000000000068
C2B3H2S2P1L1M3J2E1A3,GRF,OGAB,12,4,6,12,840,15,10,MNHVY,2.95429700000000,0.00000000001009
C2B3H2S2P1L1M3J2E2A1,GRF,OGAB,12,4,6,12,840,15,40,MEPDG,1.20439900000000,0.00000000000302
C2B3H2S2P1L1M3J2E2A2,GRF,OGAB,12,4,6,12,840,15,40,MNAVG,0.78206160000000,0.00000000000030
C2B3H2S2P1L1M3J2E2A3,GRF,OGAB,12,4,6,12,840,15,40,MNHVY,1.49209500000000,0.00000000000431
C2B3H2S2P1L2M1J1E1A1,GRF,OGAB,12,4,6,13,340,12,10,MEPDG,7.26350900000000,0.00000000000000
C2B3H2S2P1L2M1J1E1A2,GRF,OGAB,12,4,6,13,340,12,10,MNAVG,5.35017500000000,0.00000000000000
C2B3H2S2P1L2M1J1E1A3,GRF,OGAB,12,4,6,13,340,12,10,MNHVY,9.57366500000000,0.00000000000000
C2B3H2S2P1L2M1J1E2A1,GRF,OGAB,12,4,6,13,340,12,40,MEPDG,7.26350900000000,0.00000000000000
C2B3H2S2P1L2M1J1E2A2,GRF,OGAB,12,4,6,13,340,12,40,MNAVG,5.35017500000000,0.00000000000000
C2B3H2S2P1L2M1J1E2A3,GRF,OGAB,12,4,6,13,340,12,40,MNHVY,9.57366500000000,0.00000000000000
C2B3H2S2P1L2M1J2E1A1,GRF,OGAB,12,4,6,13,340,15,10,MEPDG,10.09604000000000,0.00000000000002
C2B3H2S2P1L2M1J2E1A2,GRF,OGAB,12,4,6,13,340,15,10,MNAVG,7.98834500000000,0.00000000000000
C2B3H2S2P1L2M1J2E1A3,GRF,OGAB,12,4,6,13,340,15,10,MNHVY,14.55261000000000,0.00000000000003
C2B3H2S2P1L2M1J2E2A1,GRF,OGAB,12,4,6,13,340,15,40,MEPDG,10.09604000000000,0.00000000000002
C2B3H2S2P1L2M1J2E2A2,GRF,OGAB,12,4,6,13,340,15,40,MNAVG,7.98834500000000,0.00000000000000
C2B3H2S2P1L2M1J2E2A3,GRF,OGAB,12,4,6,13,340,15,40,MNHVY,14.55261000000000,0.00000000000003
C2B3H2S2P1L2M2J1E1A1,GRF,OGAB,12,4,6,13,590,12,10,MEPDG,0.77764270000000,0.00000000000011
C2B3H2S2P1L2M2J1E1A2,GRF,OGAB,12,4,6,13,590,12,10,MNAVG,0.48073960000000,0.00000000000001
C2B3H2S2P1L2M2J1E1A3,GRF,OGAB,12,4,6,13,590,12,10,MNHVY,0.83327870000000,0.00000000000009
C2B3H2S2P1L2M2J1E2A1,GRF,OGAB,12,4,6,13,590,12,40,MEPDG,0.77764270000000,0.00000000000011
C2B3H2S2P1L2M2J1E2A2,GRF,OGAB,12,4,6,13,590,12,40,MNAVG,0.48073960000000,0.00000000000001
C2B3H2S2P1L2M2J1E2A3,GRF,OGAB,12,4,6,13,590,12,40,MNHVY,0.83327870000000,0.00000000000009
C2B3H2S2P1L2M2J2E1A1,GRF,OGAB,12,4,6,13,590,15,10,MEPDG,1.72369800000000,0.00000000000039
```

```
C2B3H2S2P1L2M2J2E1A2,GRF,OGAB,12,4,6,13,590,15,10,MNAVG,1.28986200000000,0.00000000000004
C2B3H2S2P1L2M2J2E1A3,GRF,OGAB,12,4,6,13,590,15,10,MNHVY,2.38542300000000,0.00000000000054
C2B3H2S2P1L2M2J2E2A1,GRF,OGAB,12,4,6,13,590,15,40,MEPDG,1.72369800000000,0.00000000000039
C2B3H2S2P1L2M2J2E2A2,GRF,OGAB,12,4,6,13,590,15,40,MNAVG,1.28986200000000,0.00000000000004
C2B3H2S2P1L2M2J2E2A3,GRF,OGAB,12,4,6,13,590,15,40,MNHVY,2.38542300000000,0.00000000000054
C2B3H2S2P1L2M3J1E1A1,GRF,OGAB,12,4,6,13,840,12,10,MEPDG,0.09216618000000,0.00000000000015
C2B3H2S2P1L2M3J1E1A2,GRF,OGAB,12,4,6,13,840,12,10,MNAVG,0.04444044000000,0.00000000000001
C2B3H2S2P1L2M3J1E1A3,GRF,OGAB,12,4,6,13,840,12,10,MNHVY,0.07195112000000,0.00000000000014
C2B3H2S2P1L2M3J1E2A1,GRF,OGAB,12,4,6,13,840,12,40,MEPDG,0.09216618000000,0.00000000000015
C2B3H2S2P1L2M3J1E2A2,GRF,OGAB,12,4,6,13,840,12,40,MNAVG,0.04444044000000,0.00000000000001
C2B3H2S2P1L2M3J1E2A3,GRF,OGAB,12,4,6,13,840,12,40,MNHVY,0.07195112000000,0.00000000000014
C2B3H2S2P1L2M3J2E1A1,GRF,OGAB,12,4,6,13,840,15,10,MEPDG,0.30494520000000,0.00000000000109
C2B3H2S2P1L2M3J2E1A2,GRF,OGAB,12,4,6,13,840,15,10,MNAVG,0.19792440000000,0.00000000000011
C2B3H2S2P1L2M3J2E1A3,GRF,OGAB,12,4,6,13,840,15,10,MNHVY,0.37989450000000,0.00000000000162
C2B3H2S2P1L2M3J2E2A1,GRF,OGAB,12,4,6,13,840,15,40,MEPDG,0.30494520000000,0.00000000000109
C2B3H2S2P1L2M3J2E2A2,GRF,OGAB,12,4,6,13,840,15,40,MNAVG,0.19792440000000,0.00000000000011
C2B3H2S2P1L2M3J2E2A3,GRF,OGAB,12,4,6,13,840,15,40,MNHVY,0.37989450000000,0.00000000000162
C2B3H2S2P2L1M1J1E1A1,GRF,OGAB,12,4,7,12,340,12,10,MEPDG,26.96183000000000,0.00000000001071
C2B3H2S2P2L1M1J1E1A2,GRF,OGAB,12,4,7,12,340,12,10,MNAVG,19.81260000000000,0.00000000000057
C2B3H2S2P2L1M1J1E1A3,GRF,OGAB,12,4,7,12,340,12,10,MNHVY,35.88382000000000,0.00000000000797
C2B3H2S2P2L1M1J1E2A1,GRF,OGAB,12,4,7,12,340,12,40,MEPDG,15.29264000000000,0.00000000000614
C2B3H2S2P2L1M1J1E2A2,GRF,OGAB,12,4,7,12,340,12,40,MNAVG,11.07465000000000,0.00000000000040
C2B3H2S2P2L1M1J1E2A3,GRF,OGAB,12,4,7,12,340,12,40,MNHVY,19.88114000000000,0.00000000000543
C2B3H2S2P2L1M1J2E1A1,GRF,OGAB,12,4,7,12,340,15,10,MEPDG,46.87782000000000,0.00000000003150
C2B3H2S2P2L1M1J2E1A2,GRF,OGAB,12,4,7,12,340,15,10,MNAVG,38.33955000000000,0.00000000000333
C2B3H2S2P2L1M1J2E1A3,GRF,OGAB,12,4,7,12,340,15,10,MNHVY,71.85850000000000,0.00000000004224
C2B3H2S2P2L1M1J2E2A1,GRF,OGAB,12,4,7,12,340,15,40,MEPDG,28.67551000000000,0.00000000001539
C2B3H2S2P2L1M1J2E2A2,GRF,OGAB,12,4,7,12,340,15,40,MNAVG,23.48165000000000,0.00000000000186
C2B3H2S2P2L1M1J2E2A3,GRF,OGAB,12,4,7,12,340,15,40,MNHVY,43.80865000000000,0.00000000002265
C2B3H2S2P2L1M2J1E1A1,GRF,OGAB,12,4,7,12,590,12,10,MEPDG,1.83298900000000,0.00000000007326
C2B3H2S2P2L1M2J1E1A2,GRF,OGAB,12,4,7,12,590,12,10,MNAVG,0.93306740000000,0.00000000000526
C2B3H2S2P2L1M2J1E1A3,GRF,OGAB,12,4,7,12,590,12,10,MNHVY,1.67926000000000,0.00000000007808
C2B3H2S2P2L1M2J1E2A1,GRF,OGAB,12,4,7,12,590,12,40,MEPDG,0.85685880000000,0.00000000002962
C2B3H2S2P2L1M2J1E2A2,GRF,OGAB,12,4,7,12,590,12,40,MNAVG,0.43997730000000,0.00000000000217
C2B3H2S2P2L1M2J1E2A3,GRF,OGAB,12,4,7,12,590,12,40,MNHVY,0.74859990000000,0.00000000003196
C2B3H2S2P2L1M2J2E1A1,GRF,OGAB,12,4,7,12,590,15,10,MEPDG,5.28324400000000,0.00000000031684
C2B3H2S2P2L1M2J2E1A2,GRF,OGAB,12,4,7,12,590,15,10,MNAVG,3.43731400000000,0.00000000003510
C2B3H2S2P2L1M2J2E1A3,GRF,OGAB,12,4,7,12,590,15,10,MNHVY,7.01688700000000,0.00000000048691
C2B3H2S2P2L1M2J2E2A1,GRF,OGAB,12,4,7,12,590,15,40,MEPDG,2.78964600000000,0.00000000019584
C2B3H2S2P2L1M2J2E2A2,GRF,OGAB,12,4,7,12,590,15,40,MNAVG,1.87286800000000,0.00000000002293
C2B3H2S2P2L1M2J2E2A3,GRF,OGAB,12,4,7,12,590,15,40,MNHVY,3.67521600000000,0.00000000030972
C2B3H2S2P2L1M3J1E1A1,GRF,OGAB,12,4,7,12,840,12,10,MEPDG,0.18166550000000,0.00000245171800
C2B3H2S2P2L1M3J1E1A2,GRF,OGAB,12,4,7,12,840,12,10,MNAVG,0.06546482000000,0.00000031846100
C2B3H2S2P2L1M3J1E1A3,GRF,OGAB,12,4,7,12,840,12,10,MNHVY,0.11016470000000,0.00000391805200
C2B3H2S2P2L1M3J1E2A1,GRF,OGAB,12,4,7,12,840,12,40,MEPDG,0.07122417000000,0.00000749631900
C2B3H2S2P2L1M3J1E2A2,GRF,OGAB,12,4,7,12,840,12,40,MNAVG,0.02657729000000,0.00000081251440
C2B3H2S2P2L1M3J1E2A3,GRF,OGAB,12,4,7,12,840,12,40,MNHVY,0.04042241000000,0.00001043983000
C2B3H2S2P2L1M3J2E1A1,GRF,OGAB,12,4,7,12,840,15,10,MEPDG,0.82414710000000,0.00000000000028
C2B3H2S2P2L1M3J2E1A2,GRF,OGAB,12,4,7,12,840,15,10,MNAVG,0.41005390000000,0.00000000000001
C2B3H2S2P2L1M3J2E1A3,GRF,OGAB,12,4,7,12,840,15,10,MNHVY,0.93326460000000,0.00000000000014
```

```
C2B3H2S2P2L1M3J2E2A1,GRF,OGAB,12,4,7,12,840,15,40,MEPDG,0.37229760000000,0.00000000025213
C2B3H2S2P2L1M3J2E2A2,GRF,OGAB,12,4,7,12,840,15,40,MNAVG,0.19525880000000,0.00000000002593
C2B3H2S2P2L1M3J2E2A3,GRF,OGAB,12,4,7,12,840,15,40,MNHVY,0.41057390000000,0.00000000037714
C2B3H2S2P2L2M1J1E1A1,GRF,OGAB,12,4,7,13,340,12,10,MEPDG,3.92586300000000,0.00000000000203
C2B3H2S2P2L2M1J1E1A2,GRF,OGAB,12,4,7,13,340,12,10,MNAVG,2.79020200000000,0.00000000000015
C2B3H2S2P2L2M1J1E1A3,GRF,OGAB,12,4,7,13,340,12,10,MNHVY,5.02963500000000,0.00000000000199
C2B3H2S2P2L2M1J1E2A1,GRF,OGAB,12,4,7,13,340,12,40,MEPDG,3.92586300000000,0.00000000000203
C2B3H2S2P2L2M1J1E2A2,GRF,OGAB,12,4,7,13,340,12,40,MNAVG,2.79020200000000,0.00000000000015
C2B3H2S2P2L2M1J1E2A3,GRF,OGAB,12,4,7,13,340,12,40,MNHVY,5.02963500000000,0.00000000000199
C2B3H2S2P2L2M1J2E1A1,GRF,OGAB,12,4,7,13,340,15,10,MEPDG,8.05202700000000,0.00000000000681
C2B3H2S2P2L2M1J2E1A2,GRF,OGAB,12,4,7,13,340,15,10,MNAVG,6.61215600000000,0.00000000000092
C2B3H2S2P2L2M1J2E1A3,GRF,OGAB,12,4,7,13,340,15,10,MNHVY,12.33835000000000,0.00000000001077
C2B3H2S2P2L2M1J2E2A1,GRF,OGAB,12,4,7,13,340,15,40,MEPDG,8.05202700000000,0.00000000000681
C2B3H2S2P2L2M1J2E2A2,GRF,OGAB,12,4,7,13,340,15,40,MNAVG,6.61215600000000,0.00000000000092
C2B3H2S2P2L2M1J2E2A3,GRF,OGAB,12,4,7,13,340,15,40,MNHVY,12.33835000000000,0.00000000001077
C2B3H2S2P2L2M2J1E1A1,GRF,OGAB,12,4,7,13,590,12,10,MEPDG,0.20001630000000,0.00000000000981
C2B3H2S2P2L2M2J1E1A2,GRF,OGAB,12,4,7,13,590,12,10,MNAVG,0.10069320000000,0.00000000000075
C2B3H2S2P2L2M2J1E1A3,GRF,OGAB,12,4,7,13,590,12,10,MNHVY,0.17095210000000,0.00000000001098
C2B3H2S2P2L2M2J1E2A1,GRF,OGAB,12,4,7,13,590,12,40,MEPDG,0.20001630000000,0.00000000000981
C2B3H2S2P2L2M2J1E2A2,GRF,OGAB,12,4,7,13,590,12,40,MNAVG,0.10069320000000,0.00000000000075
C2B3H2S2P2L2M2J1E2A3,GRF,OGAB,12,4,7,13,590,12,40,MNHVY,0.17095210000000,0.00000000001098
C2B3H2S2P2L2M2J2E1A1,GRF,OGAB,12,4,7,13,590,15,10,MEPDG,0.73394060000000,0.00000000008149
C2B3H2S2P2L2M2J2E1A2,GRF,OGAB,12,4,7,13,590,15,10,MNAVG,0.49550030000000,0.00000000001013
C2B3H2S2P2L2M2J2E1A3,GRF,OGAB,12,4,7,13,590,15,10,MNHVY,0.97243430000000,0.00000000013364
C2B3H2S2P2L2M2J2E2A1,GRF,OGAB,12,4,7,13,590,15,40,MEPDG,0.73394060000000,0.00000000008149
C2B3H2S2P2L2M2J2E2A2,GRF,OGAB,12,4,7,13,590,15,40,MNAVG,0.49550030000000,0.00000000001013
C2B3H2S2P2L2M2J2E2A3,GRF,OGAB,12,4,7,13,590,15,40,MNHVY,0.97243430000000,0.00000000013364
C2B3H2S2P2L2M3J1E1A1,GRF,OGAB,12,4,7,13,840,12,10,MEPDG,0.01523280000000,0.00000415660500
C2B3H2S2P2L2M3J1E1A2,GRF,OGAB,12,4,7,13,840,12,10,MNAVG,0.00561474100000,0.00000043992050
C2B3H2S2P2L2M3J1E1A3,GRF,OGAB,12,4,7,13,840,12,10,MNHVY,0.00838168000000,0.00000565174200
C2B3H2S2P2L2M3J1E2A1,GRF,OGAB,12,4,7,13,840,12,40,MEPDG,0.01523280000000,0.00000415660500
C2B3H2S2P2L2M3J1E2A2,GRF,OGAB,12,4,7,13,840,12,40,MNAVG,0.00561474100000,0.00000043992050
C2B3H2S2P2L2M3J1E2A3,GRF,OGAB,12,4,7,13,840,12,40,MNHVY,0.00838168000000,0.00000565174200
C2B3H2S2P2L2M3J2E1A1,GRF,OGAB,12,4,7,13,840,15,10,MEPDG,0.09092369000000,0.00000000011000
C2B3H2S2P2L2M3J2E1A2,GRF,OGAB,12,4,7,13,840,15,10,MNAVG,0.04777968000000,0.00000000001139
C2B3H2S2P2L2M3J2E1A3,GRF,OGAB,12,4,7,13,840,15,10,MNHVY,0.10015450000000,0.00000000016480
C2B3H2S2P2L2M3J2E2A1,GRF,OGAB,12,4,7,13,840,15,40,MEPDG,0.09092369000000,0.00000000011000
C2B3H2S2P2L2M3J2E2A2,GRF,OGAB,12,4,7,13,840,15,40,MNAVG,0.04777968000000,0.00000000001139
C2B3H2S2P2L2M3J2E2A3,GRF,OGAB,12,4,7,13,840,15,40,MNHVY,0.10015450000000,0.00000000016480
C2B3H2S2P3L1M1J1E1A1,GRF,OGAB,12,4,8,12,340,12,10,MEPDG,10.28910000000000,0.00000000036186
C2B3H2S2P3L1M1J1E1A2,GRF,OGAB,12,4,8,12,340,12,10,MNAVG,6.33147000000000,0.00000000002545
C2B3H2S2P3L1M1J1E1A3,GRF,OGAB,12,4,8,12,340,12,10,MNHVY,11.65963000000000,0.00000000035788
C2B3H2S2P3L1M1J1E2A1,GRF,OGAB,12,4,8,12,340,12,40,MEPDG,5.32930700000000,0.00000000021474
C2B3H2S2P3L1M1J1E2A2,GRF,OGAB,12,4,8,12,340,12,40,MNAVG,3.29247400000000,0.00000000001720
C2B3H2S2P3L1M1J1E2A3,GRF,OGAB,12,4,8,12,340,12,40,MNHVY,5.82981800000000,0.00000000023691
C2B3H2S2P3L1M1J2E1A1,GRF,OGAB,12,4,8,12,340,15,10,MEPDG,23.56336000000000,0.00000000183731
C2B3H2S2P3L1M1J2E1A2,GRF,OGAB,12,4,8,12,340,15,10,MNAVG,17.28774000000000,0.00000000022239
C2B3H2S2P3L1M1J2E1A3,GRF,OGAB,12,4,8,12,340,15,10,MNHVY,34.07734000000000,0.00000000280407
C2B3H2S2P3L1M1J2E2A1,GRF,OGAB,12,4,8,12,340,15,40,MEPDG,13.51761000000000,0.00000000126617
C2B3H2S2P3L1M1J2E2A2,GRF,OGAB,12,4,8,12,340,15,40,MNAVG,10.14398000000000,0.00000000017181
```

```
C2B3H2S2P3L1M1J2E2A3,GRF,OGAB,12,4,8,12,340,15,40,MNHVY,19.44815000000000,0.00000000207031
C2B3H2S2P3L1M2J1E1A1,GRF,OGAB,12,4,8,12,590,12,10,MEPDG,0.41157180000000,0.00002299198000
C2B3H2S2P3L1M2J1E1A2,GRF,OGAB,12,4,8,12,590,12,10,MNAVG,0.15360040000000,0.00000390486800
C2B3H2S2P3L1M2J1E1A3,GRF,OGAB,12,4,8,12,590,12,10,MNHVY,0.26618560000000,0.00004346992000
C2B3H2S2P3L1M2J1E2A1,GRF,OGAB,12,4,8,12,590,12,40,MEPDG,0.16760080000000,0.00005561906000
C2B3H2S2P3L1M2J1E2A2,GRF,OGAB,12,4,8,12,590,12,40,MNAVG,0.06490920000000,0.00000864855100
C2B3H2S2P3L1M2J1E2A3,GRF,OGAB,12,4,8,12,590,12,40,MNHVY,0.10165920000000,0.00009929889000
C2B3H2S2P3L1M2J2E1A1,GRF,OGAB,12,4,8,12,590,15,10,MEPDG,1.75633800000000,0.00000000813822
C2B3H2S2P3L1M2J2E1A2,GRF,OGAB,12,4,8,12,590,15,10,MNAVG,0.91152190000000,0.00000000091758
C2B3H2S2P3L1M2J2E1A3,GRF,OGAB,12,4,8,12,590,15,10,MNHVY,2.01480800000000,0.00000001319616
C2B3H2S2P3L1M2J2E2A1,GRF,OGAB,12,4,8,12,590,15,40,MEPDG,0.82526180000000,0.00005617922000
C2B3H2S2P3L1M2J2E2A2,GRF,OGAB,12,4,8,12,590,15,40,MNAVG,0.45235090000000,0.00001112577000
C2B3H2S2P3L1M2J2E2A3,GRF,OGAB,12,4,8,12,590,15,40,MNHVY,0.92651350000000,0.00011358250000
C2B3H2S2P3L1M3J1E1A1,GRF,OGAB,12,4,8,12,840,12,10,MEPDG,0.02633770000000,0.00006310109000
C2B3H2S2P3L1M3J1E1A2,GRF,OGAB,12,4,8,12,840,12,10,MNAVG,0.00691002900000,0.00000760208900
C2B3H2S2P3L1M3J1E1A3,GRF,OGAB,12,4,8,12,840,12,10,MNHVY,0.00993883500000,0.00009544939000
C2B3H2S2P3L1M3J1E2A1,GRF,OGAB,12,4,8,12,840,12,40,MEPDG,0.00870161600000,0.00005033768000
C2B3H2S2P3L1M3J1E2A2,GRF,OGAB,12,4,8,12,840,12,40,MNAVG,0.00250118500000,0.00000508019400
C2B3H2S2P3L1M3J1E2A3,GRF,OGAB,12,4,8,12,840,12,40,MNHVY,0.00313549000000,0.00006642073000
C2B3H2S2P3L1M3J2E1A1,GRF,OGAB,12,4,8,12,840,15,10,MEPDG,0.18054410000000,0.00009352692000
C2B3H2S2P3L1M3J2E1A2,GRF,OGAB,12,4,8,12,840,15,10,MNAVG,0.06450188000000,0.00001575563000
C2B3H2S2P3L1M3J2E1A3,GRF,OGAB,12,4,8,12,840,15,10,MNHVY,0.15479700000000,0.00017892990000
C2B3H2S2P3L1M3J2E2A1,GRF,OGAB,12,4,8,12,840,15,40,MEPDG,0.07028516000000,0.00013113430000
C2B3H2S2P3L1M3J2E2A2,GRF,OGAB,12,4,8,12,840,15,40,MNAVG,0.02721665000000,0.00002013363000
C2B3H2S2P3L1M3J2E2A3,GRF,OGAB,12,4,8,12,840,15,40,MNHVY,0.05752037000000,0.00023652650000
C2B3H2S2P3L2M1J1E1A1,GRF,OGAB,12,4,8,13,340,12,10,MEPDG,1.31575200000000,0.00000000008916
C2B3H2S2P3L2M1J1E1A2,GRF,OGAB,12,4,8,13,340,12,10,MNAVG,0.79844090000000,0.00000000000787
C2B3H2S2P3L2M1J1E1A3,GRF,OGAB,12,4,8,13,340,12,10,MNHVY,1.41060300000000,0.00000000010623
C2B3H2S2P3L2M1J1E2A1,GRF,OGAB,12,4,8,13,340,12,40,MEPDG,1.31575200000000,0.00000000008916
C2B3H2S2P3L2M1J1E2A2,GRF,OGAB,12,4,8,13,340,12,40,MNAVG,0.79844090000000,0.00000000000787
C2B3H2S2P3L2M1J1E2A3,GRF,OGAB,12,4,8,13,340,12,40,MNHVY,1.41060300000000,0.00000000010623
C2B3H2S2P3L2M1J2E1A1,GRF,OGAB,12,4,8,13,340,15,10,MEPDG,3.73614100000000,0.00000000063105
C2B3H2S2P3L2M1J2E1A2,GRF,OGAB,12,4,8,13,340,15,10,MNAVG,2.82355000000000,0.00000000009348
C2B3H2S2P3L2M1J2E1A3,GRF,OGAB,12,4,8,13,340,15,10,MNHVY,5.39200000000000,0.00000000108274
C2B3H2S2P3L2M1J2E2A1,GRF,OGAB,12,4,8,13,340,15,40,MEPDG,3.73614100000000,0.00000000063105
C2B3H2S2P3L2M1J2E2A2,GRF,OGAB,12,4,8,13,340,15,40,MNAVG,2.82355000000000,0.00000000009348
C2B3H2S2P3L2M1J2E2A3,GRF,OGAB,12,4,8,13,340,15,40,MNHVY,5.39200000000000,0.00000000108274
C2B3H2S2P3L2M2J1E1A1,GRF,OGAB,12,4,8,13,590,12,10,MEPDG,0.03659724000000,0.00003435583000
C2B3H2S2P3L2M2J1E1A2,GRF,OGAB,12,4,8,13,590,12,10,MNAVG,0.01401683000000,0.00000538314000
C2B3H2S2P3L2M2J1E1A3,GRF,OGAB,12,4,8,13,590,12,10,MNHVY,0.02150440000000,0.00006130897000
C2B3H2S2P3L2M2J1E2A1,GRF,OGAB,12,4,8,13,590,12,40,MEPDG,0.03659724000000,0.00003435583000
C2B3H2S2P3L2M2J1E2A2,GRF,OGAB,12,4,8,13,590,12,40,MNAVG,0.01401683000000,0.00000538314000
C2B3H2S2P3L2M2J1E2A3,GRF,OGAB,12,4,8,13,590,12,40,MNHVY,0.02150440000000,0.00006130897000
C2B3H2S2P3L2M2J2E1A1,GRF,OGAB,12,4,8,13,590,15,10,MEPDG,0.20625900000000,0.00002853182000
C2B3H2S2P3L2M2J2E1A2,GRF,OGAB,12,4,8,13,590,15,10,MNAVG,0.11374270000000,0.00000571691100
C2B3H2S2P3L2M2J2E1A3,GRF,OGAB,12,4,8,13,590,15,10,MNHVY,0.23099560000000,0.00005768058000
C2B3H2S2P3L2M2J2E2A1,GRF,OGAB,12,4,8,13,590,15,40,MEPDG,0.20625900000000,0.00002853182000
C2B3H2S2P3L2M2J2E2A2,GRF,OGAB,12,4,8,13,590,15,40,MNAVG,0.11374270000000,0.00000571691100
C2B3H2S2P3L2M2J2E2A3,GRF,OGAB,12,4,8,13,590,15,40,MNHVY,0.23099560000000,0.00005768058000
C2B3H2S2P3L2M3J1E1A1,GRF,OGAB,12,4,8,13,840,12,10,MEPDG,0.00172224500000,0.00002058760000
```

```
C2B3H2S2P3L2M3J1E1A2,GRF,OGAB,12,4,8,13,840,12,10,MNAVG,0.00050116710000,0.00000201633900
C2B3H2S2P3L2M3J1E1A3,GRF,OGAB,12,4,8,13,840,12,10,MNHVY,0.00060553100000,0.00002636718000
C2B3H2S2P3L2M3J1E2A1,GRF,OGAB,12,4,8,13,840,12,40,MEPDG,0.00172224500000,0.00002058760000
C2B3H2S2P3L2M3J1E2A2,GRF,OGAB,12,4,8,13,840,12,40,MNAVG,0.00050116710000,0.00000201633900
C2B3H2S2P3L2M3J1E2A3,GRF,OGAB,12,4,8,13,840,12,40,MNHVY,0.00060553100000,0.00002636718000
C2B3H2S2P3L2M3J2E1A1,GRF,OGAB,12,4,8,13,840,15,10,MEPDG,0.01596758000000,0.00007629789000
C2B3H2S2P3L2M3J2E1A2,GRF,OGAB,12,4,8,13,840,15,10,MNAVG,0.00620728900000,0.00001164811000
C2B3H2S2P3L2M3J2E1A3,GRF,OGAB,12,4,8,13,840,15,10,MNHVY,0.01292652000000,0.00013656820000
C2B3H2S2P3L2M3J2E2A1,GRF,OGAB,12,4,8,13,840,15,40,MEPDG,0.01596758000000,0.00007629789000
C2B3H2S2P3L2M3J2E2A2,GRF,OGAB,12,4,8,13,840,15,40,MNAVG,0.00620728900000,0.00001164811000
C2B3H2S2P3L2M3J2E2A3,GRF,OGAB,12,4,8,13,840,15,40,MNHVY,0.01292652000000,0.00013656820000
C2B3H2S2P4L1M1J1E1A1,GRF,OGAB,12,4,9,12,340,12,10,MEPDG,3.43196900000000,0.00046174340000
C2B3H2S2P4L1M1J1E1A2,GRF,OGAB,12,4,9,12,340,12,10,MNAVG,1.68113800000000,0.00008830289000
C2B3H2S2P4L1M1J1E1A3,GRF,OGAB,12,4,9,12,340,12,10,MNHVY,3.09398000000000,0.00094061810000
C2B3H2S2P4L1M1J1E2A1,GRF,OGAB,12,4,9,12,340,12,40,MEPDG,1.60743600000000,0.00060162350000
C2B3H2S2P4L1M1J1E2A2,GRF,OGAB,12,4,9,12,340,12,40,MNAVG,0.80378290000000,0.00011208090000
C2B3H2S2P4L1M1J1E2A3,GRF,OGAB,12,4,9,12,340,12,40,MNHVY,1.37649800000000,0.00119785500000
C2B3H2S2P4L1M1J2E1A1,GRF,OGAB,12,4,9,12,340,15,10,MEPDG,10.36671000000000,0.00025092940000
C2B3H2S2P4L1M1J2E1A2,GRF,OGAB,12,4,9,12,340,15,10,MNAVG,6.57844900000000,0.00005561960000
C2B3H2S2P4L1M1J2E1A3,GRF,OGAB,12,4,9,12,340,15,10,MNHVY,13.67877000000000,0.00052723390000
C2B3H2S2P4L1M1J2E2A1,GRF,OGAB,12,4,9,12,340,15,40,MEPDG,5.51914200000000,0.00037999440000
C2B3H2S2P4L1M1J2E2A2,GRF,OGAB,12,4,9,12,340,15,40,MNAVG,3.65243300000000,0.00008349618000
C2B3H2S2P4L1M1J2E2A3,GRF,OGAB,12,4,9,12,340,15,40,MNHVY,7.21799800000000,0.00079065570000
C2B3H2S2P4L1M2J1E1A1,GRF,OGAB,12,4,9,12,590,12,10,MEPDG,0.07996657000000,0.00035728380000
C2B3H2S2P4L1M2J1E1A2,GRF,OGAB,12,4,9,12,590,12,10,MNAVG,0.02209369000000,0.00005445607000
C2B3H2S2P4L1M2J1E1A3,GRF,OGAB,12,4,9,12,590,12,10,MNHVY,0.03428350000000,0.00064620530000
C2B3H2S2P4L1M2J1E2A1,GRF,OGAB,12,4,9,12,590,12,40,MEPDG,0.02834824000000,0.00026037820000
C2B3H2S2P4L1M2J1E2A2,GRF,OGAB,12,4,9,12,590,12,40,MNAVG,0.00851915900000,0.00003673581000
C2B3H2S2P4L1M2J1E2A3,GRF,OGAB,12,4,9,12,590,12,40,MNHVY,0.01154298000000,0.00044394690000
C2B3H2S2P4L1M2J2E1A1,GRF,OGAB,12,4,9,12,590,15,10,MEPDG,0.46827470000000,0.00064095460000
C2B3H2S2P4L1M2J2E1A2,GRF,OGAB,12,4,9,12,590,15,10,MNAVG,0.18426980000000,0.00012465470000
C2B3H2S2P4L1M2J2E1A3,GRF,OGAB,12,4,9,12,590,15,10,MNHVY,0.42474830000000,0.00131453600000
C2B3H2S2P4L1M2J2E2A1,GRF,OGAB,12,4,9,12,590,15,40,MEPDG,0.19501300000000,0.00949936900000
C2B3H2S2P4L1M2J2E2A2,GRF,OGAB,12,4,9,12,590,15,40,MNAVG,0.08290964000000,0.00169843200000
C2B3H2S2P4L1M2J2E2A3,GRF,OGAB,12,4,9,12,590,15,40,MNHVY,0.17084580000000,0.01851572000000
C2B3H2S2P4L1M3J1E1A1,GRF,OGAB,12,4,9,12,840,12,10,MEPDG,0.00351060100000,0.00006285585000
C2B3H2S2P4L1M3J1E1A2,GRF,OGAB,12,4,9,12,840,12,10,MNAVG,0.00075943000000,0.00000653284100
C2B3H2S2P4L1M3J1E1A3,GRF,OGAB,12,4,9,12,840,12,10,MNHVY,0.00088280010000,0.00008638565000
C2B3H2S2P4L1M3J1E2A1,GRF,OGAB,12,4,9,12,840,12,40,MEPDG,0.00097913530000,0.00004440995000
C2B3H2S2P4L1M3J1E2A2,GRF,OGAB,12,4,9,12,840,12,40,MNAVG,0.00024942820000,0.00000391524600
C2B3H2S2P4L1M3J1E2A3,GRF,OGAB,12,4,9,12,840,12,40,MNHVY,0.00025062390000,0.00005287709000
C2B3H2S2P4L1M3J2E1A1,GRF,OGAB,12,4,9,12,840,15,10,MEPDG,0.03037041000000,0.00165871700000
C2B3H2S2P4L1M3J2E1A2,GRF,OGAB,12,4,9,12,840,15,10,MNAVG,0.00771831600000,0.00024805900000
C2B3H2S2P4L1M3J2E1A3,GRF,OGAB,12,4,9,12,840,15,10,MNHVY,0.01751638000000,0.00297281400000
C2B3H2S2P4L1M3J2E2A1,GRF,OGAB,12,4,9,12,840,15,40,MEPDG,0.01024430000000,0.00025422590000
C2B3H2S2P4L1M3J2E2A2,GRF,OGAB,12,4,9,12,840,15,40,MNAVG,0.00292094200000,0.00003591087000
C2B3H2S2P4L1M3J2E2A3,GRF,OGAB,12,4,9,12,840,15,40,MNHVY,0.00563557000000,0.00044075730000
C2B3H2S2P4L2M1J1E1A1,GRF,OGAB,12,4,9,13,340,12,10,MEPDG,0.37722190000000,0.00028989550000
C2B3H2S2P4L2M1J1E1A2,GRF,OGAB,12,4,9,13,340,12,10,MNAVG,0.18541190000000,0.00005476514000
C2B3H2S2P4L2M1J1E1A3,GRF,OGAB,12,4,9,13,340,12,10,MNHVY,0.31347890000000,0.00057916700000
```

```
C2B3H2S2P4L2M1J1E2A1,GRF,OGAB,12,4,9,13,340,12,40,MEPDG,0.37722190000000,0.00028989550000
C2B3H2S2P4L2M1J1E2A2,GRF,OGAB,12,4,9,13,340,12,40,MNAVG,0.18541190000000,0.00005476514000
C2B3H2S2P4L2M1J1E2A3,GRF,OGAB,12,4,9,13,340,12,40,MNHVY,0.31347890000000,0.00057916700000
C2B3H2S2P4L2M1J2E1A1,GRF,OGAB,12,4,9,13,340,15,10,MEPDG,1.47781400000000,0.00024939110000
C2B3H2S2P4L2M1J2E1A2,GRF,OGAB,12,4,9,13,340,15,10,MNAVG,0.98684060000000,0.00005576611000
C2B3H2S2P4L2M1J2E1A3,GRF,OGAB,12,4,9,13,340,15,10,MNHVY,1.93406400000000,0.00051841230000
C2B3H2S2P4L2M1J2E2A1,GRF,OGAB,12,4,9,13,340,15,40,MEPDG,1.47781400000000,0.00024939110000
C2B3H2S2P4L2M1J2E2A2,GRF,OGAB,12,4,9,13,340,15,40,MNAVG,0.98684060000000,0.00005576611000
C2B3H2S2P4L2M1J2E2A3,GRF,OGAB,12,4,9,13,340,15,40,MNHVY,1.93406400000000,0.00051841230000
C2B3H2S2P4L2M2J1E1A1,GRF,OGAB,12,4,9,13,590,12,10,MEPDG,0.00578860900000,0.00012118790000
C2B3H2S2P4L2M2J1E1A2,GRF,OGAB,12,4,9,13,590,12,10,MNAVG,0.00175194600000,0.00001712402000
C2B3H2S2P4L2M2J1E1A3,GRF,OGAB,12,4,9,13,590,12,10,MNHVY,0.00228847800000,0.00020598370000
C2B3H2S2P4L2M2J1E2A1,GRF,OGAB,12,4,9,13,590,12,40,MEPDG,0.00578860900000,0.00012118790000
C2B3H2S2P4L2M2J1E2A2,GRF,OGAB,12,4,9,13,590,12,40,MNAVG,0.00175194600000,0.00001712402000
C2B3H2S2P4L2M2J1E2A3,GRF,OGAB,12,4,9,13,590,12,40,MNHVY,0.00228847800000,0.00020598370000
C2B3H2S2P4L2M2J2E1A1,GRF,OGAB,12,4,9,13,590,15,10,MEPDG,0.04571805000000,0.00030449770000
C2B3H2S2P4L2M2J2E1A2,GRF,OGAB,12,4,9,13,590,15,10,MNAVG,0.01958853000000,0.00005783495000
C2B3H2S2P4L2M2J2E1A3,GRF,OGAB,12,4,9,13,590,15,10,MNHVY,0.03955958000000,0.00061084270000
C2B3H2S2P4L2M2J2E2A1,GRF,OGAB,12,4,9,13,590,15,40,MEPDG,0.04571805000000,0.00030449770000
C2B3H2S2P4L2M2J2E2A2,GRF,OGAB,12,4,9,13,590,15,40,MNAVG,0.01958853000000,0.00005783495000
C2B3H2S2P4L2M2J2E2A3,GRF,OGAB,12,4,9,13,590,15,40,MNHVY,0.03955958000000,0.00061084270000
C2B3H2S2P4L2M3J1E1A1,GRF,OGAB,12,4,9,13,840,12,10,MEPDG,0.00017952320000,0.00001869230000
C2B3H2S2P4L2M3J1E1A2,GRF,OGAB,12,4,9,13,840,12,10,MNAVG,0.00004752724000,0.00000159057300
C2B3H2S2P4L2M3J1E1A3,GRF,OGAB,12,4,9,13,840,12,10,MNHVY,0.00004574794000,0.00002150781000
C2B3H2S2P4L2M3J1E2A1,GRF,OGAB,12,4,9,13,840,12,40,MEPDG,0.00017952320000,0.00001869230000
C2B3H2S2P4L2M3J1E2A2,GRF,OGAB,12,4,9,13,840,12,40,MNAVG,0.00004752724000,0.00000159057300
C2B3H2S2P4L2M3J1E2A3,GRF,OGAB,12,4,9,13,840,12,40,MNHVY,0.00004574794000,0.00002150781000
C2B3H2S2P4L2M3J2E1A1,GRF,OGAB,12,4,9,13,840,15,10,MEPDG,0.00214705400000,0.00012816500000
C2B3H2S2P4L2M3J2E1A2,GRF,OGAB,12,4,9,13,840,15,10,MNAVG,0.00062277750000,0.00001800478000
C2B3H2S2P4L2M3J2E1A3,GRF,OGAB,12,4,9,13,840,15,10,MNHVY,0.00115641900000,0.00022024340000
C2B3H2S2P4L2M3J2E2A1,GRF,OGAB,12,4,9,13,840,15,40,MEPDG,0.00214705400000,0.00012816500000
C2B3H2S2P4L2M3J2E2A2,GRF,OGAB,12,4,9,13,840,15,40,MNAVG,0.00062277750000,0.00001800478000
C2B3H2S2P4L2M3J2E2A3,GRF,OGAB,12,4,9,13,840,15,40,MNHVY,0.00115641900000,0.00022024340000
C2B3H2S2P5L1M1J1E1A1,GRF,OGAB,12,4,10,12,340,12,10,MEPDG,1.02764000000000,0.00291366500000
C2B3H2S2P5L1M1J1E1A2,GRF,OGAB,12,4,10,12,340,12,10,MNAVG,0.38658260000000,0.00050857980000
C2B3H2S2P5L1M1J1E1A3,GRF,OGAB,12,4,10,12,340,12,10,MNHVY,0.68907650000000,0.00581720900000
C2B3H2S2P5L1M1J1E2A1,GRF,OGAB,12,4,10,12,340,12,40,MEPDG,0.43434950000000,0.00218765300000
C2B3H2S2P5L1M1J1E2A2,GRF,OGAB,12,4,10,12,340,12,40,MNAVG,0.17071880000000,0.00037360020000
C2B3H2S2P5L1M1J1E2A3,GRF,OGAB,12,4,10,12,340,12,40,MNHVY,0.27443000000000,0.00427272500000
C2B3H2S2P5L1M1J2E1A1,GRF,OGAB,12,4,10,12,340,15,10,MEPDG,4.00970400000000,0.00458777800000
C2B3H2S2P5L1M1J2E1A2,GRF,OGAB,12,4,10,12,340,15,10,MNAVG,2.11855900000000,0.00096284470000
C2B3H2S2P5L1M1J2E1A3,GRF,OGAB,12,4,10,12,340,15,10,MNHVY,4.60895400000000,0.00964738500000
C2B3H2S2P5L1M1J2E2A1,GRF,OGAB,12,4,10,12,340,15,40,MEPDG,1.96045200000000,0.00323666400000
C2B3H2S2P5L1M1J2E2A2,GRF,OGAB,12,4,10,12,340,15,40,MNAVG,1.10003100000000,0.00067568480000
C2B3H2S2P5L1M1J2E2A3,GRF,OGAB,12,4,10,12,340,15,40,MNHVY,2.22022500000000,0.00674294400000
C2B3H2S2P5L1M2J1E1A1,GRF,OGAB,12,4,10,12,590,12,10,MEPDG,0.01487170000000,0.00048362890000
C2B3H2S2P5L1M2J1E1A2,GRF,OGAB,12,4,10,12,590,12,10,MNAVG,0.00329937300000,0.00006154734000
C2B3H2S2P5L1M2J1E1A3,GRF,OGAB,12,4,10,12,590,12,10,MNHVY,0.00438533100000,0.00080392740000
C2B3H2S2P5L1M2J1E2A1,GRF,OGAB,12,4,10,12,590,12,40,MEPDG,0.00455693600000,0.00031341370000
C2B3H2S2P5L1M2J1E2A2,GRF,OGAB,12,4,10,12,590,12,40,MNAVG,0.00116164000000,0.00003769703000
```

```
C2B3H2S2P5L1M2J1E2A3,GRF,OGAB,12,4,10,12,590,12,40,MNHVY,0.00132604000000,0.00049080080000
C2B3H2S2P5L1M2J2E1A1,GRF,OGAB,12,4,10,12,590,15,10,MEPDG,0.10459240000000,0.00186978500000
C2B3H2S2P5L1M2J2E1A2,GRF,OGAB,12,4,10,12,590,15,10,MNAVG,0.03038773000000,0.00032879420000
C2B3H2S2P5L1M2J2E1A3,GRF,OGAB,12,4,10,12,590,15,10,MNHVY,0.06861345000000,0.00373788700000
C2B3H2S2P5L1M2J2E2A1,GRF,OGAB,12,4,10,12,590,15,40,MEPDG,0.03863461000000,0.00132186900000
C2B3H2S2P5L1M2J2E2A2,GRF,OGAB,12,4,10,12,590,15,40,MNAVG,0.01248336000000,0.00022631420000
C2B3H2S2P5L1M2J2E2A3,GRF,OGAB,12,4,10,12,590,15,40,MNHVY,0.02440429000000,0.00258245900000
C2B3H2S2P5L1M3J1E1A1,GRF,OGAB,12,4,10,12,840,12,10,MEPDG,0.00047628520000,0.00003848158000
C2B3H2S2P5L1M3J1E1A2,GRF,OGAB,12,4,10,12,840,12,10,MNAVG,0.00009153928000,0.00000328928000
C2B3H2S2P5L1M3J1E1A3,GRF,OGAB,12,4,10,12,840,12,10,MNHVY,0.00008861221000,0.00004687353000
C2B3H2S2P5L1M3J1E2A1,GRF,OGAB,12,4,10,12,840,12,40,MEPDG,0.00011444540000,0.00002735688000
C2B3H2S2P5L1M3J1E2A2,GRF,OGAB,12,4,10,12,840,12,40,MNAVG,0.00002748813000,0.00000204871100
C2B3H2S2P5L1M3J1E2A3,GRF,OGAB,12,4,10,12,840,12,40,MNHVY,0.00002325439000,0.00002906912000
C2B3H2S2P5L1M3J2E1A1,GRF,OGAB,12,4,10,12,840,15,10,MEPDG,0.00424167400000,0.00083874970000
C2B3H2S2P5L1M3J2E1A2,GRF,OGAB,12,4,10,12,840,15,10,MNAVG,0.00080481580000,0.00011142900000
C2B3H2S2P5L1M3J2E1A3,GRF,OGAB,12,4,10,12,840,15,10,MNHVY,0.00152134900000,0.00141874100000
C2B3H2S2P5L1M3J2E2A1,GRF,OGAB,12,4,10,12,840,15,40,MEPDG,0.00123869600000,0.00021432350000
C2B3H2S2P5L1M3J2E2A2,GRF,OGAB,12,4,10,12,840,15,40,MNAVG,0.00027660570000,0.00002700256000
C2B3H2S2P5L1M3J2E2A3,GRF,OGAB,12,4,10,12,840,15,40,MNHVY,0.00043825460000,0.00034827380000
C2B3H2S2P5L2M1J1E1A1,GRF,OGAB,12,4,10,13,340,12,10,MEPDG,0.09681451000000,0.00111123100000
C2B3H2S2P5L2M1J1E1A2,GRF,OGAB,12,4,10,13,340,12,10,MNAVG,0.03765857000000,0.00019108990000
C2B3H2S2P5L2M1J1E1A3,GRF,OGAB,12,4,10,13,340,12,10,MNHVY,0.05903501000000,0.00217624100000
C2B3H2S2P5L2M1J1E2A1,GRF,OGAB,12,4,10,13,340,12,40,MEPDG,0.09681451000000,0.00111123100000
C2B3H2S2P5L2M1J1E2A2,GRF,OGAB,12,4,10,13,340,12,40,MNAVG,0.03765857000000,0.00019108990000
C2B3H2S2P5L2M1J1E2A3,GRF,OGAB,12,4,10,13,340,12,40,MNHVY,0.05903501000000,0.00217624100000
C2B3H2S2P5L2M1J2E1A1,GRF,OGAB,12,4,10,13,340,15,10,MEPDG,0.50308170000000,0.00192170600000
C2B3H2S2P5L2M1J2E1A2,GRF,OGAB,12,4,10,13,340,15,10,MNAVG,0.28553430000000,0.00040761750000
C2B3H2S2P5L2M1J2E1A3,GRF,OGAB,12,4,10,13,340,15,10,MNHVY,0.56846390000000,0.00400396900000
C2B3H2S2P5L2M1J2E2A1,GRF,OGAB,12,4,10,13,340,15,40,MEPDG,0.50308170000000,0.00192170600000
C2B3H2S2P5L2M1J2E2A2,GRF,OGAB,12,4,10,13,340,15,40,MNAVG,0.28553430000000,0.00040761750000
C2B3H2S2P5L2M1J2E2A3,GRF,OGAB,12,4,10,13,340,15,40,MNHVY,0.56846390000000,0.00400396900000
C2B3H2S2P5L2M2J1E1A1,GRF,OGAB,12,4,10,13,590,12,10,MEPDG,0.00087293100000,0.00013976260000
C2B3H2S2P5L2M2J1E1A2,GRF,OGAB,12,4,10,13,590,12,10,MNAVG,0.00022945960000,0.00001675521000
C2B3H2S2P5L2M2J1E1A3,GRF,OGAB,12,4,10,13,590,12,10,MNHVY,0.00025041600000,0.00021798070000
C2B3H2S2P5L2M2J1E2A1,GRF,OGAB,12,4,10,13,590,12,40,MEPDG,0.00087293100000,0.00013976260000
C2B3H2S2P5L2M2J1E2A2,GRF,OGAB,12,4,10,13,590,12,40,MNAVG,0.00022945960000,0.00001675521000
C2B3H2S2P5L2M2J1E2A3,GRF,OGAB,12,4,10,13,590,12,40,MNHVY,0.00025041600000,0.00021798070000
C2B3H2S2P5L2M2J2E1A1,GRF,OGAB,12,4,10,13,590,15,10,MEPDG,0.00847487300000,0.00071709530000
C2B3H2S2P5L2M2J2E1A2,GRF,OGAB,12,4,10,13,590,15,10,MNAVG,0.00277864500000,0.00012422390000
C2B3H2S2P5L2M2J2E1A3,GRF,OGAB,12,4,10,13,590,15,10,MNHVY,0.00525332000000,0.00140314900000
C2B3H2S2P5L2M2J2E2A1,GRF,OGAB,12,4,10,13,590,15,40,MEPDG,0.00847487300000,0.00071709530000
C2B3H2S2P5L2M2J2E2A2,GRF,OGAB,12,4,10,13,590,15,40,MNAVG,0.00277864500000,0.00012422390000
C2B3H2S2P5L2M2J2E2A3,GRF,OGAB,12,4,10,13,590,15,40,MNHVY,0.00525332000000,0.00140314900000
C2B3H2S2P5L2M3J1E1A1,GRF,OGAB,12,4,10,13,840,12,10,MEPDG,0.00001967548000,0.00001170198000
C2B3H2S2P5L2M3J1E1A2,GRF,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000500277900,0.00000084808740
C2B3H2S2P5L2M3J1E1A3,GRF,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000406362400,0.00001203257000
C2B3H2S2P5L2M3J1E2A1,GRF,OGAB,12,4,10,13,840,12,40,MEPDG,0.00001967548000,0.00001170198000
C2B3H2S2P5L2M3J1E2A2,GRF,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000500277900,0.00000084808740
C2B3H2S2P5L2M3J1E2A3,GRF,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000406362400,0.00001203257000
C2B3H2S2P5L2M3J2E1A1,GRF,OGAB,12,4,10,13,840,15,10,MEPDG,0.00024079280000,0.00010538640000
```

```
C2B3H2S2P5L2M3J2E1A2,GRF,OGAB,12,4,10,13,840,15,10,MNAVG,0.00005574931000,0.00001319758000
C2B3H2S2P5L2M3J2E1A3,GRF,OGAB,12,4,10,13,840,15,10,MNHVY,0.00008403376000,0.00016967690000
C2B3H2S2P5L2M3J2E2A1,GRF,OGAB,12,4,10,13,840,15,40,MEPDG,0.00024079280000,0.00010538640000
C2B3H2S2P5L2M3J2E2A2,GRF,OGAB,12,4,10,13,840,15,40,MNAVG,0.00005574931000,0.00001319758000
C2B3H2S2P5L2M3J2E2A3,GRF,OGAB,12,4,10,13,840,15,40,MNHVY,0.00008403376000,0.00016967690000
C2B3H2S2P6L1M1J1E1A1,GRF,OGAB,12,4,11,12,340,12,10,MEPDG,0.28200320000000,0.00648098500000
C2B3H2S2P6L1M1J1E1A2,GRF,OGAB,12,4,11,12,340,12,10,MNAVG,0.08147965000000,0.00098653870000
C2B3H2S2P6L1M1J1E1A3,GRF,OGAB,12,4,11,12,340,12,10,MNHVY,0.13544840000000,0.01234799000000
C2B3H2S2P6L1M1J1E2A1,GRF,OGAB,12,4,11,12,340,12,40,MEPDG,0.10638320000000,0.00434411500000
C2B3H2S2P6L1M1J1E2A2,GRF,OGAB,12,4,11,12,340,12,40,MNAVG,0.03300026000000,0.00065196380000
C2B3H2S2P6L1M1J1E2A3,GRF,OGAB,12,4,11,12,340,12,40,MNHVY,0.04794761000000,0.00809312100000
C2B3H2S2P6L1M1J2E1A1,GRF,OGAB,12,4,11,12,340,15,10,MEPDG,1.33187500000000,0.01341995000000
C2B3H2S2P6L1M1J2E1A2,GRF,OGAB,12,4,11,12,340,15,10,MNAVG,0.56258330000000,0.00259848700000
C2B3H2S2P6L1M1J2E1A3,GRF,OGAB,12,4,11,12,340,15,10,MNHVY,1.24979200000000,0.02798642000000
C2B3H2S2P6L1M1J2E2A1,GRF,OGAB,12,4,11,12,340,15,40,MEPDG,0.59146390000000,0.00966186400000
C2B3H2S2P6L1M1J2E2A2,GRF,OGAB,12,4,11,12,340,15,40,MNAVG,0.27001050000000,0.00187076400000
C2B3H2S2P6L1M1J2E2A3,GRF,OGAB,12,4,11,12,340,15,40,MNHVY,0.54217540000000,0.01995665000000
C2B3H2S2P6L1M2J1E1A1,GRF,OGAB,12,4,11,12,590,12,10,MEPDG,0.00276187800000,0.00037582330000
C2B3H2S2P6L1M2J1E1A2,GRF,OGAB,12,4,11,12,590,12,10,MNAVG,0.00053144000000,0.00003967120000
C2B3H2S2P6L1M2J1E1A3,GRF,OGAB,12,4,11,12,590,12,10,MNHVY,0.00060850890000,0.00056225610000
C2B3H2S2P6L1M2J1E2A1,GRF,OGAB,12,4,11,12,590,12,40,MEPDG,0.00074337820000,0.00025367780000
C2B3H2S2P6L1M2J1E2A2,GRF,OGAB,12,4,11,12,590,12,40,MNAVG,0.00017385070000,0.00002546691000
C2B3H2S2P6L1M2J1E2A3,GRF,OGAB,12,4,11,12,590,12,40,MNHVY,0.00017077450000,0.00035849890000
C2B3H2S2P6L1M2J2E1A1,GRF,OGAB,12,4,11,12,590,15,10,MEPDG,0.01943914000000,0.00219234700000
C2B3H2S2P6L1M2J2E1A2,GRF,OGAB,12,4,11,12,590,15,10,MNAVG,0.00424911200000,0.00033724560000
C2B3H2S2P6L1M2J2E1A3,GRF,OGAB,12,4,11,12,590,15,10,MNHVY,0.00854278000000,0.00418527500000
C2B3H2S2P6L1M2J2E2A1,GRF,OGAB,12,4,11,12,590,15,40,MEPDG,0.00631191700000,0.00146179400000
C2B3H2S2P6L1M2J2E2A2,GRF,OGAB,12,4,11,12,590,15,40,MNAVG,0.00157719100000,0.00022236540000
C2B3H2S2P6L1M2J2E2A3,GRF,OGAB,12,4,11,12,590,15,40,MNHVY,0.00263781000000,0.00273353100000
C2B3H2S2P6L1M3J1E1A1,GRF,OGAB,12,4,11,12,840,12,10,MEPDG,0.00007467315000,0.00002190174000
C2B3H2S2P6L1M3J1E1A2,GRF,OGAB,12,4,11,12,840,12,10,MNAVG,0.00001219995000,0.00000154941600
C2B3H2S2P6L1M3J1E1A3,GRF,OGAB,12,4,11,12,840,12,10,MNHVY,0.00001105484000,0.00002324976000
C2B3H2S2P6L1M3J1E2A1,GRF,OGAB,12,4,11,12,840,12,40,MEPDG,0.00001581882000,0.00001734837000
C2B3H2S2P6L1M3J1E2A2,GRF,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000338752800,0.00000109455500
C2B3H2S2P6L1M3J1E2A3,GRF,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000264489300,0.00001629981000
C2B3H2S2P6L1M3J2E1A1,GRF,OGAB,12,4,11,12,840,15,10,MEPDG,0.00050510110000,0.00023856520000
C2B3H2S2P6L1M3J2E1A2,GRF,OGAB,12,4,11,12,840,15,10,MNAVG,0.00007869174000,0.00002709888000
C2B3H2S2P6L1M3J2E1A3,GRF,OGAB,12,4,11,12,840,15,10,MNHVY,0.00011288430000,0.00037436960000
C2B3H2S2P6L1M3J2E2A1,GRF,OGAB,12,4,11,12,840,15,40,MEPDG,0.00012832440000,0.00015664460000
C2B3H2S2P6L1M3J2E2A2,GRF,OGAB,12,4,11,12,840,15,40,MNAVG,0.00002512492000,0.00001673110000
C2B3H2S2P6L1M3J2E2A3,GRF,OGAB,12,4,11,12,840,15,40,MNHVY,0.00002932906000,0.00023019030000
C2B3H2S2P6L2M1J1E1A1,GRF,OGAB,12,4,11,13,340,12,10,MEPDG,0.02249006000000,0.00217888900000
C2B3H2S2P6L2M1J1E1A2,GRF,OGAB,12,4,11,13,340,12,10,MNAVG,0.00699721400000,0.00032862930000
C2B3H2S2P6L2M1J1E1A3,GRF,OGAB,12,4,11,13,340,12,10,MNHVY,0.00979026200000,0.00407096500000
C2B3H2S2P6L2M1J1E2A1,GRF,OGAB,12,4,11,13,340,12,40,MEPDG,0.02249006000000,0.00217888900000
C2B3H2S2P6L2M1J1E2A2,GRF,OGAB,12,4,11,13,340,12,40,MNAVG,0.00699721400000,0.00032862930000
C2B3H2S2P6L2M1J1E2A3,GRF,OGAB,12,4,11,13,340,12,40,MNHVY,0.00979026200000,0.00407096500000
C2B3H2S2P6L2M1J2E1A1,GRF,OGAB,12,4,11,13,340,15,10,MEPDG,0.14320200000000,0.00573615700000
C2B3H2S2P6L2M1J2E1A2,GRF,OGAB,12,4,11,13,340,15,10,MNAVG,0.06609928000000,0.00112512200000
C2B3H2S2P6L2M1J2E1A3,GRF,OGAB,12,4,11,13,340,15,10,MNHVY,0.12985630000000,0.01186703000000
```

```
C2B3H2S2P6L2M1J2E2A1,GRF,OGAB,12,4,11,13,340,15,40,MEPDG,0.14320200000000,0.00573615700000
C2B3H2S2P6L2M1J2E2A2,GRF,OGAB,12,4,11,13,340,15,40,MNAVG,0.06609928000000,0.00112512200000
C2B3H2S2P6L2M1J2E2A3,GRF,OGAB,12,4,11,13,340,15,40,MNHVY,0.12985630000000,0.01186703000000
C2B3H2S2P6L2M2J1E1A1,GRF,OGAB,12,4,11,13,590,12,10,MEPDG,0.00013595140000,0.00011591210000
C2B3H2S2P6L2M2J1E1A2,GRF,OGAB,12,4,11,13,590,12,10,MNAVG,0.00003337313000,0.00001160567000
C2B3H2S2P6L2M2J1E1A3,GRF,OGAB,12,4,11,13,590,12,10,MNHVY,0.00003147706000,0.00016320610000
C2B3H2S2P6L2M2J1E2A1,GRF,OGAB,12,4,11,13,590,12,40,MEPDG,0.00013595140000,0.00011591210000
C2B3H2S2P6L2M2J1E2A2,GRF,OGAB,12,4,11,13,590,12,40,MNAVG,0.00003337313000,0.00001160567000
C2B3H2S2P6L2M2J1E2A3,GRF,OGAB,12,4,11,13,590,12,40,MNHVY,0.00003147706000,0.00016320610000
C2B3H2S2P6L2M2J2E1A1,GRF,OGAB,12,4,11,13,590,15,10,MEPDG,0.00129984100000,0.00078844580000
C2B3H2S2P6L2M2J2E1A2,GRF,OGAB,12,4,11,13,590,15,10,MNAVG,0.00033658530000,0.00012098050000
C2B3H2S2P6L2M2J2E1A3,GRF,OGAB,12,4,11,13,590,15,10,MNHVY,0.00054731750000,0.00147893300000
C2B3H2S2P6L2M2J2E2A1,GRF,OGAB,12,4,11,13,590,15,40,MEPDG,0.00129984100000,0.00078844580000
C2B3H2S2P6L2M2J2E2A2,GRF,OGAB,12,4,11,13,590,15,40,MNAVG,0.00033658530000,0.00012098050000
C2B3H2S2P6L2M2J2E2A3,GRF,OGAB,12,4,11,13,590,15,40,MNHVY,0.00054731750000,0.00147893300000
C2B3H2S2P6L2M3J1E1A1,GRF,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000266099300,0.00000751441100
C2B3H2S2P6L2M3J1E1A2,GRF,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000060523040,0.00000046078860
C2B3H2S2P6L2M3J1E1A3,GRF,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000045783590,0.00000685160000
C2B3H2S2P6L2M3J1E2A1,GRF,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000266099300,0.00000751441100
C2B3H2S2P6L2M3J1E2A2,GRF,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000060523040,0.00000046078860
C2B3H2S2P6L2M3J1E2A3,GRF,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000045783590,0.00000685160000
C2B3H2S2P6L2M3J2E1A1,GRF,OGAB,12,4,11,13,840,15,10,MEPDG,0.00002314357000,0.00008114328000
C2B3H2S2P6L2M3J2E1A2,GRF,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000480100700,0.00000856233800
C2B3H2S2P6L2M3J2E1A3,GRF,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000532048100,0.00011771470000
C2B3H2S2P6L2M3J2E2A1,GRF,OGAB,12,4,11,13,840,15,40,MEPDG,0.00002314357000,0.00008114328000
C2B3H2S2P6L2M3J2E2A2,GRF,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000480100700,0.00000856233800
C2B3H2S2P6L2M3J2E2A3,GRF,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000532048100,0.00011771470000
C2B3H2S2P7L1M1J1E1A1,GRF,OGAB,12,4,12,12,340,12,10,MEPDG,0.07822285000000,0.00790630600000
C2B3H2S2P7L1M1J1E1A2,GRF,OGAB,12,4,12,12,340,12,10,MNAVG,0.01802566000000,0.00104540300000
C2B3H2S2P7L1M1J1E1A3,GRF,OGAB,12,4,12,12,340,12,10,MNHVY,0.02738464000000,0.01399854000000
C2B3H2S2P7L1M1J1E2A1,GRF,OGAB,12,4,12,12,340,12,40,MEPDG,0.02659492000000,0.00529769400000
C2B3H2S2P7L1M1J1E2A2,GRF,OGAB,12,4,12,12,340,12,40,MNAVG,0.00687602500000,0.00069260030000
C2B3H2S2P7L1M1J1E2A3,GRF,OGAB,12,4,12,12,340,12,40,MNHVY,0.00894614400000,0.00919496300000
C2B3H2S2P7L1M1J2E1A1,GRF,OGAB,12,4,12,12,340,15,10,MEPDG,0.39833650000000,0.02349796000000
C2B3H2S2P7L1M1J2E1A2,GRF,OGAB,12,4,12,12,340,15,10,MNAVG,0.12967640000000,0.00412945700000
C2B3H2S2P7L1M1J2E1A3,GRF,OGAB,12,4,12,12,340,15,10,MNHVY,0.28419300000000,0.04775291000000
C2B3H2S2P7L1M1J2E2A1,GRF,OGAB,12,4,12,12,340,15,40,MEPDG,0.16005080000000,0.01645083000000
C2B3H2S2P7L1M1J2E2A2,GRF,OGAB,12,4,12,12,340,15,40,MNAVG,0.05735184000000,0.00290837800000
C2B3H2S2P7L1M1J2E2A3,GRF,OGAB,12,4,12,12,340,15,40,MNHVY,0.11063930000000,0.03316067000000
C2B3H2S2P7L1M2J1E1A1,GRF,OGAB,12,4,12,12,590,12,10,MEPDG,0.00058816770000,0.00025024600000
C2B3H2S2P7L1M2J1E1A2,GRF,OGAB,12,4,12,12,590,12,10,MNAVG,0.00009842704000,0.00002236486000
C2B3H2S2P7L1M2J1E1A3,GRF,OGAB,12,4,12,12,590,12,10,MNHVY,0.00010489310000,0.00033024380000
C2B3H2S2P7L1M2J1E2A1,GRF,OGAB,12,4,12,12,590,12,40,MEPDG,0.00014248580000,0.00017397490000
C2B3H2S2P7L1M2J1E2A2,GRF,OGAB,12,4,12,12,590,12,40,MNAVG,0.00003033776000,0.00001487349000
C2B3H2S2P7L1M2J1E2A3,GRF,OGAB,12,4,12,12,590,12,40,MNHVY,0.00002750976000,0.00021867670000
C2B3H2S2P7L1M2J2E1A1,GRF,OGAB,12,4,12,12,590,15,10,MEPDG,0.00325439700000,0.00174638800000
C2B3H2S2P7L1M2J2E1A2,GRF,OGAB,12,4,12,12,590,15,10,MNAVG,0.00055921830000,0.00023560560000
C2B3H2S2P7L1M2J2E1A3,GRF,OGAB,12,4,12,12,590,15,10,MNHVY,0.00090423880000,0.00312512100000
C2B3H2S2P7L1M2J2E2A1,GRF,OGAB,12,4,12,12,590,15,40,MEPDG,0.00094604780000,0.00116519900000
C2B3H2S2P7L1M2J2E2A2,GRF,OGAB,12,4,12,12,590,15,40,MNAVG,0.00019760630000,0.00015609420000
```

```
C2B3H2S2P7L1M2J2E2A3,GRF,OGAB,12,4,12,12,590,15,40,MNHVY,0.00026945920000,0.00204757300000
C2B3H2S2P7L1M3J1E1A1,GRF,OGAB,12,4,12,12,840,12,10,MEPDG,0.00001887216000,0.00001146430000
C2B3H2S2P7L1M3J1E1A2,GRF,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000219658900,0.00000069308410
C2B3H2S2P7L1M3J1E1A3,GRF,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000215861200,0.00001053420000
C2B3H2S2P7L1M3J1E2A1,GRF,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000387475000,0.00000928113400
C2B3H2S2P7L1M3J1E2A2,GRF,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000060726600,0.00000051101720
C2B3H2S2P7L1M3J1E2A3,GRF,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000049282190,0.00000772198500
C2B3H2S2P7L1M3J2E1A1,GRF,OGAB,12,4,12,12,840,15,10,MEPDG,0.00006675159000,0.00015032080000
C2B3H2S2P7L1M3J2E1A2,GRF,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000901552500,0.00001443979000
C2B3H2S2P7L1M3J2E1A3,GRF,OGAB,12,4,12,12,840,15,10,MNHVY,0.00001030552000,0.00021006780000
C2B3H2S2P7L1M3J2E2A1,GRF,OGAB,12,4,12,12,840,15,40,MEPDG,0.00001512690000,0.00010180410000
C2B3H2S2P7L1M3J2E2A2,GRF,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000268519100,0.00000917870600
C2B3H2S2P7L1M3J2E2A3,GRF,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000258837400,0.00013275200000
C2B3H2S2P7L2M1J1E1A1,GRF,OGAB,12,4,12,13,340,12,10,MEPDG,0.00538055800000,0.00261630900000
C2B3H2S2P7L2M1J1E1A2,GRF,OGAB,12,4,12,13,340,12,10,MNAVG,0.00142297400000,0.00034411780000
C2B3H2S2P7L2M1J1E1A3,GRF,OGAB,12,4,12,13,340,12,10,MNHVY,0.00177028300000,0.00455520300000
C2B3H2S2P7L2M1J1E2A1,GRF,OGAB,12,4,12,13,340,12,40,MEPDG,0.00538055800000,0.00261630900000
C2B3H2S2P7L2M1J1E2A2,GRF,OGAB,12,4,12,13,340,12,40,MNAVG,0.00142297400000,0.00034411780000
C2B3H2S2P7L2M1J1E2A3,GRF,OGAB,12,4,12,13,340,12,40,MNHVY,0.00177028300000,0.00455520300000
C2B3H2S2P7L2M1J2E1A1,GRF,OGAB,12,4,12,13,340,15,10,MEPDG,0.03652447000000,0.00959594500000
C2B3H2S2P7L2M1J2E1A2,GRF,OGAB,12,4,12,13,340,15,10,MNAVG,0.01329742000000,0.00171665100000
C2B3H2S2P7L2M1J2E1A3,GRF,OGAB,12,4,12,13,340,15,10,MNHVY,0.02486225000000,0.01940508000000
C2B3H2S2P7L2M1J2E2A1,GRF,OGAB,12,4,12,13,340,15,40,MEPDG,0.03652447000000,0.00959594500000
C2B3H2S2P7L2M1J2E2A2,GRF,OGAB,12,4,12,13,340,15,40,MNAVG,0.01329742000000,0.00171665100000
C2B3H2S2P7L2M1J2E2A3,GRF,OGAB,12,4,12,13,340,15,40,MNHVY,0.02486225000000,0.01940508000000
C2B3H2S2P7L2M2J1E1A1,GRF,OGAB,12,4,12,13,590,12,10,MEPDG,0.00002499248000,0.00008000750000
C2B3H2S2P7L2M2J1E1A2,GRF,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000565887600,0.00000682306200
C2B3H2S2P7L2M2J1E1A3,GRF,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000492346500,0.00010020070000
C2B3H2S2P7L2M2J1E2A1,GRF,OGAB,12,4,12,13,590,12,40,MEPDG,0.00002499248000,0.00008000750000
C2B3H2S2P7L2M2J1E2A2,GRF,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000565887600,0.00000682306200
C2B3H2S2P7L2M2J1E2A3,GRF,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000492346500,0.00010020070000
C2B3H2S2P7L2M2J2E1A1,GRF,OGAB,12,4,12,13,590,15,10,MEPDG,0.00018112600000,0.00062837910000
C2B3H2S2P7L2M2J2E1A2,GRF,OGAB,12,4,12,13,590,15,10,MNAVG,0.00003964922000,0.00008506814000
C2B3H2S2P7L2M2J2E1A3,GRF,OGAB,12,4,12,13,590,15,10,MNHVY,0.00005130200000,0.00111001800000
C2B3H2S2P7L2M2J2E2A1,GRF,OGAB,12,4,12,13,590,15,40,MEPDG,0.00018112600000,0.00062837910000
C2B3H2S2P7L2M2J2E2A2,GRF,OGAB,12,4,12,13,590,15,40,MNAVG,0.00003964922000,0.00008506814000
C2B3H2S2P7L2M2J2E2A3,GRF,OGAB,12,4,12,13,590,15,40,MNHVY,0.00005130200000,0.00111001800000
C2B3H2S2P7L2M3J1E1A1,GRF,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000063086950,0.00000411427400
C2B3H2S2P7L2M3J1E1A2,GRF,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000010682150,0.00000022093400
C2B3H2S2P7L2M3J1E1A3,GRF,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000008190937,0.00000333175600
C2B3H2S2P7L2M3J1E2A1,GRF,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000063086950,0.00000411427400
C2B3H2S2P7L2M3J1E2A2,GRF,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000010682150,0.00000022093400
C2B3H2S2P7L2M3J1E2A3,GRF,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000008190937,0.00000333175600
C2B3H2S2P7L2M3J2E1A1,GRF,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000262674100,0.00005708724000
C2B3H2S2P7L2M3J2E1A2,GRF,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000049807130,0.00000505557000
C2B3H2S2P7L2M3J2E1A3,GRF,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000046483650,0.00007310610000
C2B3H2S2P7L2M3J2E2A1,GRF,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000262674100,0.00005708724000
C2B3H2S2P7L2M3J2E2A2,GRF,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000049807130,0.00000505557000
C2B3H2S2P7L2M3J2E2A3,GRF,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000046483650,0.00007310610000
C3B1H1S1P1L1M1J1E1A1,BRN,CL5S,4,12,6,12,340,12,10,MEPDG,159.64280000000000,1.75858800000000
```

```
C3B1H1S1P1L1M1J1E1A2,BRN,CL5S,4,12,6,12,340,12,10,MNAVG,133.2564000000000,0.22759470000000
C3B1H1S1P1L1M1J1E1A3,BRN,CL5S,4,12,6,12,340,12,10,MNHVY,234.7280000000000,2.70005000000000
C3B1H1S1P1L1M1J1E2A1,BRN,CL5S,4,12,6,12,340,12,40,MEPDG,99.0325200000000,1.02315500000000
C3B1H1S1P1L1M1J1E2A2,BRN,CL5S,4,12,6,12,340,12,40,MNAVG,77.4595300000000,0.12859680000000
C3B1H1S1P1L1M1J1E2A3,BRN,CL5S,4,12,6,12,340,12,40,MNHVY,140.6915000000000,1.53856600000000
C3B1H1S1P1L1M1J2E1A1,BRN,CL5S,4,12,6,12,340,15,10,MEPDG,187.0951000000000,1.74735600000000
C3B1H1S1P1L1M1J2E1A2,BRN,CL5S,4,12,6,12,340,15,10,MNAVG,159.9529000000000,0.31439860000000
C3B1H1S1P1L1M1J2E1A3,BRN,CL5S,4,12,6,12,340,15,10,MNHVY,285.1079000000000,3.16194300000000
C3B1H1S1P1L1M1J2E2A1,BRN,CL5S,4,12,6,12,340,15,40,MEPDG,118.3614000000000,1.03170700000000
C3B1H1S1P1L1M1J2E2A2,BRN,CL5S,4,12,6,12,340,15,40,MNAVG,95.4634100000000,0.18770120000000
C3B1H1S1P1L1M1J2E2A3,BRN,CL5S,4,12,6,12,340,15,40,MNHVY,175.5740000000000,1.87328600000000
C3B1H1S1P1L1M2J1E1A1,BRN,CL5S,4,12,6,12,590,12,10,MEPDG,11.3978400000000,0.22403800000000
C3B1H1S1P1L1M2J1E1A2,BRN,CL5S,4,12,6,12,590,12,10,MNAVG,7.5741000000000,0.02885829000000
C3B1H1S1P1L1M2J1E1A3,BRN,CL5S,4,12,6,12,590,12,10,MNHVY,12.2575100000000,0.32618580000000
C3B1H1S1P1L1M2J1E2A1,BRN,CL5S,4,12,6,12,590,12,40,MEPDG,6.1172030000000,0.10744050000000
C3B1H1S1P1L1M2J1E2A2,BRN,CL5S,4,12,6,12,590,12,40,MNAVG,3.8651760000000,0.01257389000000
C3B1H1S1P1L1M2J1E2A3,BRN,CL5S,4,12,6,12,590,12,40,MNHVY,6.2662550000000,0.14686160000000
C3B1H1S1P1L1M2J2E1A1,BRN,CL5S,4,12,6,12,590,15,10,MEPDG,17.8186700000000,0.41062530000000
C3B1H1S1P1L1M2J2E1A2,BRN,CL5S,4,12,6,12,590,15,10,MNAVG,13.1419700000000,0.07603376000000
C3B1H1S1P1L1M2J2E1A3,BRN,CL5S,4,12,6,12,590,15,10,MNHVY,22.5309600000000,0.73384200000000
C3B1H1S1P1L1M2J2E2A1,BRN,CL5S,4,12,6,12,590,15,40,MEPDG,10.1420500000000,0.21020890000000
C3B1H1S1P1L1M2J2E2A2,BRN,CL5S,4,12,6,12,590,15,40,MNAVG,7.2505630000000,0.03811206000000
C3B1H1S1P1L1M2J2E2A3,BRN,CL5S,4,12,6,12,590,15,40,MNHVY,12.5462400000000,0.37289820000000
C3B1H1S1P1L1M3J1E1A1,BRN,CL5S,4,12,6,12,840,12,10,MEPDG,1.3670420000000,0.03157758000000
C3B1H1S1P1L1M3J1E1A2,BRN,CL5S,4,12,6,12,840,12,10,MNAVG,0.6978163000000,0.00350282000000
C3B1H1S1P1L1M3J1E1A3,BRN,CL5S,4,12,6,12,840,12,10,MNHVY,1.0649910000000,0.04023620000000
C3B1H1S1P1L1M3J1E2A1,BRN,CL5S,4,12,6,12,840,12,40,MEPDG,0.6370753000000,0.01489032000000
C3B1H1S1P1L1M3J1E2A2,BRN,CL5S,4,12,6,12,840,12,40,MNAVG,0.3151611000000,0.00144387900000
C3B1H1S1P1L1M3J1E2A3,BRN,CL5S,4,12,6,12,840,12,40,MNHVY,0.4667665000000,0.01715414000000
C3B1H1S1P1L1M3J2E1A1,BRN,CL5S,4,12,6,12,840,15,10,MEPDG,2.9561790000000,0.10446520000000
C3B1H1S1P1L1M3J2E1A2,BRN,CL5S,4,12,6,12,840,15,10,MNAVG,1.8693920000000,0.01876342000000
C3B1H1S1P1L1M3J2E1A3,BRN,CL5S,4,12,6,12,840,15,10,MNHVY,3.2584770000000,0.18267480000000
C3B1H1S1P1L1M3J2E2A1,BRN,CL5S,4,12,6,12,840,15,40,MEPDG,1.5083220000000,0.04544071000000
C3B1H1S1P1L1M3J2E2A2,BRN,CL5S,4,12,6,12,840,15,40,MNAVG,0.9479158000000,0.00773135900000
C3B1H1S1P1L1M3J2E2A3,BRN,CL5S,4,12,6,12,840,15,40,MNHVY,1.6278960000000,0.07740026000000
C3B1H1S1P1L2M1J1E1A1,BRN,CL5S,4,12,6,13,340,12,10,MEPDG,25.3120700000000,0.38641660000000
C3B1H1S1P1L2M1J1E1A2,BRN,CL5S,4,12,6,13,340,12,10,MNAVG,18.9802200000000,0.05041904000000
C3B1H1S1P1L2M1J1E1A3,BRN,CL5S,4,12,6,13,340,12,10,MNHVY,34.9099600000000,0.58520960000000
C3B1H1S1P1L2M1J1E2A1,BRN,CL5S,4,12,6,13,340,12,40,MEPDG,25.3120700000000,0.38641660000000
C3B1H1S1P1L2M1J1E2A2,BRN,CL5S,4,12,6,13,340,12,40,MNAVG,18.9802200000000,0.05041904000000
C3B1H1S1P1L2M1J1E2A3,BRN,CL5S,4,12,6,13,340,12,40,MNHVY,34.9099600000000,0.58520960000000
C3B1H1S1P1L2M1J2E1A1,BRN,CL5S,4,12,6,13,340,15,10,MEPDG,30.8471500000000,0.46956010000000
C3B1H1S1P1L2M1J2E1A2,BRN,CL5S,4,12,6,13,340,15,10,MNAVG,24.0201800000000,0.09046236000000
C3B1H1S1P1L2M1J2E1A3,BRN,CL5S,4,12,6,13,340,15,10,MNHVY,44.6500600000000,0.86251600000000
C3B1H1S1P1L2M1J2E2A1,BRN,CL5S,4,12,6,13,340,15,40,MEPDG,30.8471500000000,0.46956010000000
C3B1H1S1P1L2M1J2E2A2,BRN,CL5S,4,12,6,13,340,15,40,MNAVG,24.0201800000000,0.09046236000000
C3B1H1S1P1L2M1J2E2A3,BRN,CL5S,4,12,6,13,340,15,40,MNHVY,44.6500600000000,0.86251600000000
C3B1H1S1P1L2M2J1E1A1,BRN,CL5S,4,12,6,13,590,12,10,MEPDG,1.4669990000000,0.03930365000000
C3B1H1S1P1L2M2J1E1A2,BRN,CL5S,4,12,6,13,590,12,10,MNAVG,0.8909894000000,0.00484378600000
C3B1H1S1P1L2M2J1E1A3,BRN,CL5S,4,12,6,13,590,12,10,MNHVY,1.4618250000000,0.05483339000000
```

```
C3B1H1S1P1L2M2J1E2A1,BRN,CL5S,4,12,6,13,590,12,40,MEPDG,1.46699900000000,0.03930365000000
C3B1H1S1P1L2M2J1E2A2,BRN,CL5S,4,12,6,13,590,12,40,MNAVG,0.89098940000000,0.00484378600000
C3B1H1S1P1L2M2J1E2A3,BRN,CL5S,4,12,6,13,590,12,40,MNHVY,1.46182500000000,0.05483339000000
C3B1H1S1P1L2M2J2E1A1,BRN,CL5S,4,12,6,13,590,15,10,MEPDG,2.56421600000000,0.09586759000000
C3B1H1S1P1L2M2J2E1A2,BRN,CL5S,4,12,6,13,590,15,10,MNAVG,1.79818400000000,0.01840380000000
C3B1H1S1P1L2M2J2E1A3,BRN,CL5S,4,12,6,13,590,15,10,MNHVY,3.14669200000000,0.17273980000000
C3B1H1S1P1L2M2J2E2A1,BRN,CL5S,4,12,6,13,590,15,40,MEPDG,2.56421600000000,0.09586759000000
C3B1H1S1P1L2M2J2E2A2,BRN,CL5S,4,12,6,13,590,15,40,MNAVG,1.79818400000000,0.01840380000000
C3B1H1S1P1L2M2J2E2A3,BRN,CL5S,4,12,6,13,590,15,40,MNHVY,3.14669200000000,0.17273980000000
C3B1H1S1P1L2M3J1E1A1,BRN,CL5S,4,12,6,13,840,12,10,MEPDG,0.14354530000000,0.00513764300000
C3B1H1S1P1L2M3J1E1A2,BRN,CL5S,4,12,6,13,840,12,10,MNAVG,0.06863102000000,0.00052024690000
C3B1H1S1P1L2M3J1E1A3,BRN,CL5S,4,12,6,13,840,12,10,MNHVY,0.10219040000000,0.00606453000000
C3B1H1S1P1L2M3J1E2A1,BRN,CL5S,4,12,6,13,840,12,40,MEPDG,0.14354530000000,0.00513764300000
C3B1H1S1P1L2M3J1E2A2,BRN,CL5S,4,12,6,13,840,12,40,MNAVG,0.06863102000000,0.00052024690000
C3B1H1S1P1L2M3J1E2A3,BRN,CL5S,4,12,6,13,840,12,40,MNHVY,0.10219040000000,0.00606453000000
C3B1H1S1P1L2M3J2E1A1,BRN,CL5S,4,12,6,13,840,15,10,MEPDG,0.36749850000000,0.01947371000000
C3B1H1S1P1L2M3J2E1A2,BRN,CL5S,4,12,6,13,840,15,10,MNAVG,0.22868150000000,0.00349238700000
C3B1H1S1P1L2M3J2E1A3,BRN,CL5S,4,12,6,13,840,15,10,MNHVY,0.39750630000000,0.03388436000000
C3B1H1S1P1L2M3J2E2A1,BRN,CL5S,4,12,6,13,840,15,40,MEPDG,0.36749850000000,0.01947371000000
C3B1H1S1P1L2M3J2E2A2,BRN,CL5S,4,12,6,13,840,15,40,MNAVG,0.22868150000000,0.00349238700000
C3B1H1S1P1L2M3J2E2A3,BRN,CL5S,4,12,6,13,840,15,40,MNHVY,0.39750630000000,0.03388436000000
C3B1H1S1P2L1M1J1E1A1,BRN,CL5S,4,12,7,12,340,12,10,MEPDG,57.55180000000000,1.40259100000000
C3B1H1S1P2L1M1J1E1A2,BRN,CL5S,4,12,7,12,340,12,10,MNAVG,44.19874000000000,0.20672500000000
C3B1H1S1P2L1M1J1E1A3,BRN,CL5S,4,12,7,12,340,12,10,MNHVY,76.38091000000000,2.30240700000000
C3B1H1S1P2L1M1J1E2A1,BRN,CL5S,4,12,7,12,340,12,40,MEPDG,33.56261000000000,0.75794780000000
C3B1H1S1P2L1M1J1E2A2,BRN,CL5S,4,12,7,12,340,12,40,MNAVG,24.62644000000000,0.10448080000000
C3B1H1S1P2L1M1J1E2A3,BRN,CL5S,4,12,7,12,340,12,40,MNHVY,42.92441000000000,1.19529000000000
C3B1H1S1P2L1M1J2E1A1,BRN,CL5S,4,12,7,12,340,15,10,MEPDG,83.59290000000000,1.99061500000000
C3B1H1S1P2L1M1J2E1A2,BRN,CL5S,4,12,7,12,340,15,10,MNAVG,68.76809000000000,0.38502000000000
C3B1H1S1P2L1M1J2E1A3,BRN,CL5S,4,12,7,12,340,15,10,MNHVY,122.69450000000000,3.71956000000000
C3B1H1S1P2L1M1J2E2A1,BRN,CL5S,4,12,7,12,340,15,40,MEPDG,51.15160000000000,1.16378000000000
C3B1H1S1P2L1M1J2E2A2,BRN,CL5S,4,12,7,12,340,15,40,MNAVG,40.79736000000000,0.22439050000000
C3B1H1S1P2L1M1J2E2A3,BRN,CL5S,4,12,7,12,340,15,40,MNHVY,73.67667000000000,2.16905900000000
C3B1H1S1P2L1M2J1E1A1,BRN,CL5S,4,12,7,12,590,12,10,MEPDG,2.80303000000000,0.11906400000000
C3B1H1S1P2L1M2J1E1A2,BRN,CL5S,4,12,7,12,590,12,10,MNAVG,1.48608100000000,0.01614343000000
C3B1H1S1P2L1M2J1E1A3,BRN,CL5S,4,12,7,12,590,12,10,MNHVY,2.39011900000000,0.18049200000000
C3B1H1S1P2L1M2J1E2A1,BRN,CL5S,4,12,7,12,590,12,40,MEPDG,1.33411400000000,0.06016266000000
C3B1H1S1P2L1M2J1E2A2,BRN,CL5S,4,12,7,12,590,12,40,MNAVG,0.69207820000000,0.00742802200000
C3B1H1S1P2L1M2J1E2A3,BRN,CL5S,4,12,7,12,590,12,40,MNHVY,1.06925000000000,0.08540142000000
C3B1H1S1P2L1M2J2E1A1,BRN,CL5S,4,12,7,12,590,15,10,MEPDG,6.57178900000000,0.34899540000000
C3B1H1S1P2L1M2J2E1A2,BRN,CL5S,4,12,7,12,590,15,10,MNAVG,4.30309100000000,0.06785463000000
C3B1H1S1P2L1M2J2E1A3,BRN,CL5S,4,12,7,12,590,15,10,MNHVY,7.82838500000000,0.64521100000000
C3B1H1S1P2L1M2J2E2A1,BRN,CL5S,4,12,7,12,590,15,40,MEPDG,3.44981600000000,0.16996000000000
C3B1H1S1P2L1M2J2E2A2,BRN,CL5S,4,12,7,12,590,15,40,MNAVG,2.26797900000000,0.03192825000000
C3B1H1S1P2L1M2J2E2A3,BRN,CL5S,4,12,7,12,590,15,40,MNHVY,4.02740200000000,0.30924590000000
C3B1H1S1P2L1M3J1E1A1,BRN,CL5S,4,12,7,12,840,12,10,MEPDG,0.23055100000000,0.00871999700000
C3B1H1S1P2L1M3J1E1A2,BRN,CL5S,4,12,7,12,840,12,10,MNAVG,0.08639056000000,0.00096258430000
C3B1H1S1P2L1M3J1E1A3,BRN,CL5S,4,12,7,12,840,12,10,MNHVY,0.12593170000000,0.01138543000000
C3B1H1S1P2L1M3J1E2A1,BRN,CL5S,4,12,7,12,840,12,40,MEPDG,0.09310690000000,0.00416989100000
C3B1H1S1P2L1M3J1E2A2,BRN,CL5S,4,12,7,12,840,12,40,MNAVG,0.03538278000000,0.00040289500000
```

```
C3B1H1S1P2L1M3J1E2A3,BRN,CL5S,4,12,7,12,840,12,40,MNHVY,0.04847457000000,0.00485064500000
C3B1H1S1P2L1M3J2E1A1,BRN,CL5S,4,12,7,12,840,15,10,MEPDG,0.85765540000000,0.04822012000000
C3B1H1S1P2L1M3J2E1A2,BRN,CL5S,4,12,7,12,840,15,10,MNAVG,0.44211020000000,0.00870932200000
C3B1H1S1P2L1M3J2E1A3,BRN,CL5S,4,12,7,12,840,15,10,MNHVY,0.85222210000000,0.08646986000000
C3B1H1S1P2L1M3J2E2A1,BRN,CL5S,4,12,7,12,840,15,40,MEPDG,0.38676570000000,0.02135444000000
C3B1H1S1P2L1M3J2E2A2,BRN,CL5S,4,12,7,12,840,15,40,MNAVG,0.20509230000000,0.00366001000000
C3B1H1S1P2L1M3J2E2A3,BRN,CL5S,4,12,7,12,840,15,40,MNHVY,0.37165720000000,0.03706842000000
C3B1H1S1P2L2M1J1E1A1,BRN,CL5S,4,12,7,13,340,12,10,MEPDG,8.46017800000000,0.30160080000000
C3B1H1S1P2L2M1J1E1A2,BRN,CL5S,4,12,7,13,340,12,10,MNAVG,5.99169700000000,0.04338762000000
C3B1H1S1P2L2M1J1E1A3,BRN,CL5S,4,12,7,13,340,12,10,MNHVY,10.53224000000000,0.48110310000000
C3B1H1S1P2L2M1J1E2A1,BRN,CL5S,4,12,7,13,340,12,40,MEPDG,8.46017800000000,0.30160080000000
C3B1H1S1P2L2M1J1E2A2,BRN,CL5S,4,12,7,13,340,12,40,MNAVG,5.99169700000000,0.04338762000000
C3B1H1S1P2L2M1J1E2A3,BRN,CL5S,4,12,7,13,340,12,40,MNHVY,10.53224000000000,0.48110310000000
C3B1H1S1P2L2M1J2E1A1,BRN,CL5S,4,12,7,13,340,15,10,MEPDG,13.55333000000000,0.56364700000000
C3B1H1S1P2L2M1J2E1A2,BRN,CL5S,4,12,7,13,340,15,10,MNAVG,10.61108000000000,0.11436200000000
C3B1H1S1P2L2M1J2E1A3,BRN,CL5S,4,12,7,13,340,15,10,MNHVY,19.26661000000000,1.05868100000000
C3B1H1S1P2L2M1J2E2A1,BRN,CL5S,4,12,7,13,340,15,40,MEPDG,13.55333000000000,0.56364700000000
C3B1H1S1P2L2M1J2E2A2,BRN,CL5S,4,12,7,13,340,15,40,MNAVG,10.61108000000000,0.11436200000000
C3B1H1S1P2L2M1J2E2A3,BRN,CL5S,4,12,7,13,340,15,40,MNHVY,19.26661000000000,1.05868100000000
C3B1H1S1P2L2M2J1E1A1,BRN,CL5S,4,12,7,13,590,12,10,MEPDG,0.30625660000000,0.02304597000000
C3B1H1S1P2L2M2J1E1A2,BRN,CL5S,4,12,7,13,590,12,10,MNAVG,0.15391850000000,0.00296808700000
C3B1H1S1P2L2M2J1E1A3,BRN,CL5S,4,12,7,13,590,12,10,MNHVY,0.23784590000000,0.03338955000000
C3B1H1S1P2L2M2J1E2A1,BRN,CL5S,4,12,7,13,590,12,40,MEPDG,0.30625660000000,0.02304597000000
C3B1H1S1P2L2M2J1E2A2,BRN,CL5S,4,12,7,13,590,12,40,MNAVG,0.15391850000000,0.00296808700000
C3B1H1S1P2L2M2J1E2A3,BRN,CL5S,4,12,7,13,590,12,40,MNHVY,0.23784590000000,0.03338955000000
C3B1H1S1P2L2M2J2E1A1,BRN,CL5S,4,12,7,13,590,15,10,MEPDG,0.86462930000000,0.07965841000000
C3B1H1S1P2L2M2J2E1A2,BRN,CL5S,4,12,7,13,590,15,10,MNAVG,0.56479960000000,0.01569197000000
C3B1H1S1P2L2M2J2E1A3,BRN,CL5S,4,12,7,13,590,15,10,MNHVY,1.00685100000000,0.14690470000000
C3B1H1S1P2L2M2J2E2A1,BRN,CL5S,4,12,7,13,590,15,40,MEPDG,0.86462930000000,0.07965841000000
C3B1H1S1P2L2M2J2E2A2,BRN,CL5S,4,12,7,13,590,15,40,MNAVG,0.56479960000000,0.01569197000000
C3B1H1S1P2L2M2J2E2A3,BRN,CL5S,4,12,7,13,590,15,40,MNHVY,1.00685100000000,0.14690470000000
C3B1H1S1P2L2M3J1E1A1,BRN,CL5S,4,12,7,13,840,12,10,MEPDG,0.01970756000000,0.00147759900000
C3B1H1S1P2L2M3J1E1A2,BRN,CL5S,4,12,7,13,840,12,10,MNAVG,0.00735507000000,0.00014781640000
C3B1H1S1P2L2M3J1E1A3,BRN,CL5S,4,12,7,13,840,12,10,MNHVY,0.00994640100000,0.00175565000000
C3B1H1S1P2L2M3J1E2A1,BRN,CL5S,4,12,7,13,840,12,40,MEPDG,0.01970756000000,0.00147759900000
C3B1H1S1P2L2M3J1E2A2,BRN,CL5S,4,12,7,13,840,12,40,MNAVG,0.00735507000000,0.00014781640000
C3B1H1S1P2L2M3J1E2A3,BRN,CL5S,4,12,7,13,840,12,40,MNHVY,0.00994640100000,0.00175565000000
C3B1H1S1P2L2M3J2E1A1,BRN,CL5S,4,12,7,13,840,15,10,MEPDG,0.09090311000000,0.00923823400000
C3B1H1S1P2L2M3J2E1A2,BRN,CL5S,4,12,7,13,840,15,10,MNAVG,0.04801563000000,0.00164500300000
C3B1H1S1P2L2M3J2E1A3,BRN,CL5S,4,12,7,13,840,15,10,MNHVY,0.08705986000000,0.01634318000000
C3B1H1S1P2L2M3J2E2A1,BRN,CL5S,4,12,7,13,840,15,40,MEPDG,0.09090311000000,0.00923823400000
C3B1H1S1P2L2M3J2E2A2,BRN,CL5S,4,12,7,13,840,15,40,MNAVG,0.04801563000000,0.00164500300000
C3B1H1S1P2L2M3J2E2A3,BRN,CL5S,4,12,7,13,840,15,40,MNHVY,0.08705986000000,0.01634318000000
C3B1H1S1P3L1M1J1E1A1,BRN,CL5S,4,12,8,12,340,12,10,MEPDG,18.33723000000000,1.17157700000000
C3B1H1S1P3L1M1J1E1A2,BRN,CL5S,4,12,8,12,340,12,10,MNAVG,11.88710000000000,0.18657850000000
C3B1H1S1P3L1M1J1E1A3,BRN,CL5S,4,12,8,12,340,12,10,MNHVY,20.28019000000000,2.02759600000000
C3B1H1S1P3L1M1J1E2A1,BRN,CL5S,4,12,8,12,340,12,40,MEPDG,9.79929500000000,0.64588560000000
C3B1H1S1P3L1M1J1E2A2,BRN,CL5S,4,12,8,12,340,12,40,MNAVG,6.20071500000000,0.09681820000000
C3B1H1S1P3L1M1J1E2A3,BRN,CL5S,4,12,8,12,340,12,40,MNHVY,10.34449000000000,1.07710000000000
C3B1H1S1P3L1M1J2E1A1,BRN,CL5S,4,12,8,12,340,15,10,MEPDG,35.30035000000000,2.14568400000000
```

```
C3B1H1S1P3L1M1J2E1A2,BRN,CL5S,4,12,8,12,340,15,10,MNAVG,26.27157000000000,0.43481270000000
C3B1H1S1P3L1M1J2E1A3,BRN,CL5S,4,12,8,12,340,15,10,MNHVY,48.14197000000000,4.11667800000000
C3B1H1S1P3L1M1J2E2A1,BRN,CL5S,4,12,8,12,340,15,40,MEPDG,20.29550000000000,1.20781300000000
C3B1H1S1P3L1M1J2E2A2,BRN,CL5S,4,12,8,12,340,15,40,MNAVG,15.02719000000000,0.24121980000000
C3B1H1S1P3L1M1J2E2A3,BRN,CL5S,4,12,8,12,340,15,40,MNHVY,27.17851000000000,2.29824900000000
C3B1H1S1P3L1M2J1E1A1,BRN,CL5S,4,12,8,12,590,12,10,MEPDG,0.55599880000000,0.05198436000000
C3B1H1S1P3L1M2J1E1A2,BRN,CL5S,4,12,8,12,590,12,10,MNAVG,0.21673420000000,0.00721919600000
C3B1H1S1P3L1M2J1E1A3,BRN,CL5S,4,12,8,12,590,12,10,MNHVY,0.33344230000000,0.08217965000000
C3B1H1S1P3L1M2J1E2A1,BRN,CL5S,4,12,8,12,590,12,40,MEPDG,0.22970250000000,0.02559136000000
C3B1H1S1P3L1M2J1E2A2,BRN,CL5S,4,12,8,12,590,12,40,MNAVG,0.09044560000000,0.00321132400000
C3B1H1S1P3L1M2J1E2A3,BRN,CL5S,4,12,8,12,590,12,40,MNHVY,0.12788080000000,0.03735519000000
C3B1H1S1P3L1M2J2E1A1,BRN,CL5S,4,12,8,12,590,15,10,MEPDG,1.97298900000000,0.22111160000000
C3B1H1S1P3L1M2J2E1A2,BRN,CL5S,4,12,8,12,590,15,10,MNAVG,1.04491200000000,0.04329738000000
C3B1H1S1P3L1M2J2E1A3,BRN,CL5S,4,12,8,12,590,15,10,MNHVY,2.02988900000000,0.41831250000000
C3B1H1S1P3L1M2J2E2A1,BRN,CL5S,4,12,8,12,590,15,40,MEPDG,0.92434110000000,0.11085490000000
C3B1H1S1P3L1M2J2E2A2,BRN,CL5S,4,12,8,12,590,15,40,MNAVG,0.50438550000000,0.02101865000000
C3B1H1S1P3L1M2J2E2A3,BRN,CL5S,4,12,8,12,590,15,40,MNHVY,0.92142880000000,0.20587320000000
C3B1H1S1P3L1M3J1E1A1,BRN,CL5S,4,12,8,12,840,12,10,MEPDG,0.03019282000000,0.00267455800000
C3B1H1S1P3L1M3J1E1A2,BRN,CL5S,4,12,8,12,840,12,10,MNAVG,0.00842467900000,0.00030764630000
C3B1H1S1P3L1M3J1E1A3,BRN,CL5S,4,12,8,12,840,12,10,MNHVY,0.01084259000000,0.00371391000000
C3B1H1S1P3L1M3J1E2A1,BRN,CL5S,4,12,8,12,840,12,40,MEPDG,0.01005633000000,0.00123132200000
C3B1H1S1P3L1M3J1E2A2,BRN,CL5S,4,12,8,12,840,12,40,MNAVG,0.00302611500000,0.00012425320000
C3B1H1S1P3L1M3J1E2A3,BRN,CL5S,4,12,8,12,840,12,40,MNHVY,0.00348930100000,0.00153244100000
C3B1H1S1P3L1M3J2E1A1,BRN,CL5S,4,12,8,12,840,15,10,MEPDG,0.17423710000000,0.01941223000000
C3B1H1S1P3L1M3J2E1A2,BRN,CL5S,4,12,8,12,840,15,10,MNAVG,0.06529861000000,0.00342689000000
C3B1H1S1P3L1M3J2E1A3,BRN,CL5S,4,12,8,12,840,15,10,MNHVY,0.13115790000000,0.03576177000000
C3B1H1S1P3L1M3J2E2A1,BRN,CL5S,4,12,8,12,840,15,40,MEPDG,0.07072883000000,0.00876951200000
C3B1H1S1P3L1M3J2E2A2,BRN,CL5S,4,12,8,12,840,15,40,MNAVG,0.02845813000000,0.00147904100000
C3B1H1S1P3L1M3J2E2A3,BRN,CL5S,4,12,8,12,840,15,40,MNHVY,0.05314066000000,0.01559160000000
C3B1H1S1P3L2M1J1E1A1,BRN,CL5S,4,12,8,13,340,12,10,MEPDG,2.38558500000000,0.27954480000000
C3B1H1S1P3L2M1J1E1A2,BRN,CL5S,4,12,8,13,340,12,10,MNAVG,1.46103200000000,0.04411911000000
C3B1H1S1P3L2M1J1E1A3,BRN,CL5S,4,12,8,13,340,12,10,MNHVY,2.44125700000000,0.47418090000000
C3B1H1S1P3L2M1J1E2A1,BRN,CL5S,4,12,8,13,340,12,40,MEPDG,2.38558500000000,0.27954480000000
C3B1H1S1P3L2M1J1E2A2,BRN,CL5S,4,12,8,13,340,12,40,MNAVG,1.46103200000000,0.04411911000000
C3B1H1S1P3L2M1J1E2A3,BRN,CL5S,4,12,8,13,340,12,40,MNHVY,2.44125700000000,0.47418090000000
C3B1H1S1P3L2M1J2E1A1,BRN,CL5S,4,12,8,13,340,15,10,MEPDG,5.33534400000000,0.61369720000000
C3B1H1S1P3L2M1J2E1A2,BRN,CL5S,4,12,8,13,340,15,10,MNAVG,3.91326700000000,0.12816880000000
C3B1H1S1P3L2M1J2E1A3,BRN,CL5S,4,12,8,13,340,15,10,MNHVY,7.08064900000000,1.17518900000000
C3B1H1S1P3L2M1J2E2A1,BRN,CL5S,4,12,8,13,340,15,40,MEPDG,5.33534400000000,0.61369720000000
C3B1H1S1P3L2M1J2E2A2,BRN,CL5S,4,12,8,13,340,15,40,MNAVG,3.91326700000000,0.12816880000000
C3B1H1S1P3L2M1J2E2A3,BRN,CL5S,4,12,8,13,340,15,40,MNHVY,7.08064900000000,1.17518900000000
C3B1H1S1P3L2M2J1E1A1,BRN,CL5S,4,12,8,13,590,12,10,MEPDG,0.04962860000000,0.01016338000000
C3B1H1S1P3L2M2J1E1A2,BRN,CL5S,4,12,8,13,590,12,10,MNAVG,0.01914761000000,0.00131742800000
C3B1H1S1P3L2M2J1E1A3,BRN,CL5S,4,12,8,13,590,12,10,MNHVY,0.02666046000000,0.01507902000000
C3B1H1S1P3L2M2J1E2A1,BRN,CL5S,4,12,8,13,590,12,40,MEPDG,0.04962860000000,0.01016338000000
C3B1H1S1P3L2M2J1E2A2,BRN,CL5S,4,12,8,13,590,12,40,MNAVG,0.01914761000000,0.00131742800000
C3B1H1S1P3L2M2J1E2A3,BRN,CL5S,4,12,8,13,590,12,40,MNHVY,0.02666046000000,0.01507902000000
C3B1H1S1P3L2M2J2E1A1,BRN,CL5S,4,12,8,13,590,15,10,MEPDG,0.22253690000000,0.05341498000000
C3B1H1S1P3L2M2J2E1A2,BRN,CL5S,4,12,8,13,590,15,10,MNAVG,0.12116450000000,0.01052846000000
C3B1H1S1P3L2M2J2E1A3,BRN,CL5S,4,12,8,13,590,15,10,MNHVY,0.22031240000000,0.10039840000000
```

```
C3B1H1S1P3L2M2J2E2A1,BRN,CL5S,4,12,8,13,590,15,40,MEPDG,0.22253690000000,0.05341498000000
C3B1H1S1P3L2M2J2E2A2,BRN,CL5S,4,12,8,13,590,15,40,MNAVG,0.12116450000000,0.01052846000000
C3B1H1S1P3L2M2J2E2A3,BRN,CL5S,4,12,8,13,590,15,40,MNHVY,0.22031240000000,0.10039840000000
C3B1H1S1P3L2M3J1E1A1,BRN,CL5S,4,12,8,13,840,12,10,MEPDG,0.00197223400000,0.00044687180000
C3B1H1S1P3L2M3J1E1A2,BRN,CL5S,4,12,8,13,840,12,10,MNAVG,0.00059861540000,0.00004667637000
C3B1H1S1P3L2M3J1E1A3,BRN,CL5S,4,12,8,13,840,12,10,MNHVY,0.00067107210000,0.00056703980000
C3B1H1S1P3L2M3J1E2A1,BRN,CL5S,4,12,8,13,840,12,40,MEPDG,0.00197223400000,0.00044687180000
C3B1H1S1P3L2M3J1E2A2,BRN,CL5S,4,12,8,13,840,12,40,MNAVG,0.00059861540000,0.00004667637000
C3B1H1S1P3L2M3J1E2A3,BRN,CL5S,4,12,8,13,840,12,40,MNHVY,0.00067107210000,0.00056703980000
C3B1H1S1P3L2M3J2E1A1,BRN,CL5S,4,12,8,13,840,15,10,MEPDG,0.01571411000000,0.00393108100000
C3B1H1S1P3L2M3J2E1A2,BRN,CL5S,4,12,8,13,840,15,10,MNAVG,0.00634092900000,0.00068667410000
C3B1H1S1P3L2M3J2E1A3,BRN,CL5S,4,12,8,13,840,15,10,MNHVY,0.01174694000000,0.00711800600000
C3B1H1S1P3L2M3J2E2A1,BRN,CL5S,4,12,8,13,840,15,40,MEPDG,0.01571411000000,0.00393108100000
C3B1H1S1P3L2M3J2E2A2,BRN,CL5S,4,12,8,13,840,15,40,MNAVG,0.00634092900000,0.00068667410000
C3B1H1S1P3L2M3J2E2A3,BRN,CL5S,4,12,8,13,840,15,40,MNHVY,0.01174694000000,0.00711800600000
C3B1H1S1P4L1M1J1E1A1,BRN,CL5S,4,12,9,12,340,12,10,MEPDG,5.35696800000000,0.72501160000000
C3B1H1S1P4L1M1J1E1A2,BRN,CL5S,4,12,9,12,340,12,10,MNAVG,2.76650000000000,0.11592330000000
C3B1H1S1P4L1M1J1E1A3,BRN,CL5S,4,12,9,12,340,12,10,MNHVY,4.62995100000000,1.28095100000000
C3B1H1S1P4L1M1J1E2A1,BRN,CL5S,4,12,9,12,340,12,40,MEPDG,2.56700600000000,0.40067210000000
C3B1H1S1P4L1M1J1E2A2,BRN,CL5S,4,12,9,12,340,12,40,MNAVG,1.31508500000000,0.06039227000000
C3B1H1S1P4L1M1J1E2A3,BRN,CL5S,4,12,9,12,340,12,40,MNHVY,2.07495700000000,0.67819560000000
C3B1H1S1P4L1M1J2E1A1,BRN,CL5S,4,12,9,12,340,15,10,MEPDG,13.85399000000000,1.84225900000000
C3B1H1S1P4L1M1J2E1A2,BRN,CL5S,4,12,9,12,340,15,10,MNAVG,8.94928600000000,0.37505310000000
C3B1H1S1P4L1M1J2E1A3,BRN,CL5S,4,12,9,12,340,15,10,MNHVY,17.03259000000000,3.59253700000000
C3B1H1S1P4L1M1J2E2A1,BRN,CL5S,4,12,9,12,340,15,40,MEPDG,7.38169300000000,1.05558800000000
C3B1H1S1P4L1M1J2E2A2,BRN,CL5S,4,12,9,12,340,15,40,MNAVG,4.85364300000000,0.21187260000000
C3B1H1S1P4L1M1J2E2A3,BRN,CL5S,4,12,9,12,340,15,40,MNHVY,8.88650000000000,2.03705200000000
C3B1H1S1P4L1M2J1E1A1,BRN,CL5S,4,12,9,12,590,12,10,MEPDG,0.09567208000000,0.02228721000000
C3B1H1S1P4L1M2J1E1A2,BRN,CL5S,4,12,9,12,590,12,10,MNAVG,0.02754906000000,0.00307359500000
C3B1H1S1P4L1M2J1E1A3,BRN,CL5S,4,12,9,12,590,12,10,MNHVY,0.03775301000000,0.03607421000000
C3B1H1S1P4L1M2J1E2A1,BRN,CL5S,4,12,9,12,590,12,40,MEPDG,0.03408505000000,0.01084771000000
C3B1H1S1P4L1M2J1E2A2,BRN,CL5S,4,12,9,12,590,12,40,MNAVG,0.01044092000000,0.00136092800000
C3B1H1S1P4L1M2J1E2A3,BRN,CL5S,4,12,9,12,590,12,40,MNHVY,0.01277814000000,0.01630671000000
C3B1H1S1P4L1M2J2E1A1,BRN,CL5S,4,12,9,12,590,15,10,MEPDG,0.48516510000000,0.11645270000000
C3B1H1S1P4L1M2J2E1A2,BRN,CL5S,4,12,9,12,590,15,10,MNAVG,0.19489890000000,0.02207415000000
C3B1H1S1P4L1M2J2E1A3,BRN,CL5S,4,12,9,12,590,15,10,MNHVY,0.38886840000000,0.22351890000000
C3B1H1S1P4L1M2J2E2A1,BRN,CL5S,4,12,9,12,590,15,40,MEPDG,0.20346630000000,0.05938147000000
C3B1H1S1P4L1M2J2E2A2,BRN,CL5S,4,12,9,12,590,15,40,MNAVG,0.08691004000000,0.01097717000000
C3B1H1S1P4L1M2J2E2A3,BRN,CL5S,4,12,9,12,590,15,40,MNHVY,0.15822490000000,0.11154930000000
C3B1H1S1P4L1M3J1E1A1,BRN,CL5S,4,12,9,12,840,12,10,MEPDG,0.00339559100000,0.00070822690000
C3B1H1S1P4L1M3J1E1A2,BRN,CL5S,4,12,9,12,840,12,10,MNAVG,0.00080332650000,0.00007633504000
C3B1H1S1P4L1M3J1E1A3,BRN,CL5S,4,12,9,12,840,12,10,MNHVY,0.00083902850000,0.00095530800000
C3B1H1S1P4L1M3J1E2A1,BRN,CL5S,4,12,9,12,840,12,40,MEPDG,0.00092751830000,0.00035919520000
C3B1H1S1P4L1M3J1E2A2,BRN,CL5S,4,12,9,12,840,12,40,MNAVG,0.00025585720000,0.00003515827000
C3B1H1S1P4L1M3J1E2A3,BRN,CL5S,4,12,9,12,840,12,40,MNHVY,0.00023500380000,0.00044621000000
C3B1H1S1P4L1M3J2E1A1,BRN,CL5S,4,12,9,12,840,15,10,MEPDG,0.02697970000000,0.00768476400000
C3B1H1S1P4L1M3J2E1A2,BRN,CL5S,4,12,9,12,840,15,10,MNAVG,0.00721241600000,0.00127555500000
C3B1H1S1P4L1M3J2E1A3,BRN,CL5S,4,12,9,12,840,15,10,MNHVY,0.01347827000000,0.01419107000000
C3B1H1S1P4L1M3J2E2A1,BRN,CL5S,4,12,9,12,840,15,40,MEPDG,0.00891104400000,0.00361069800000
C3B1H1S1P4L1M3J2E2A2,BRN,CL5S,4,12,9,12,840,15,40,MNAVG,0.00264319500000,0.00057649400000
```

```
C3B1H1S1P4L1M3J2E2A3,BRN,CL5S,4,12,9,12,840,15,40,MNHVY,0.00424415900000,0.00646078400000
C3B1H1S1P4L2M1J1E1A1,BRN,CL5S,4,12,9,13,340,12,10,MEPDG,0.59692250000000,0.17579830000000
C3B1H1S1P4L2M1J1E1A2,BRN,CL5S,4,12,9,13,340,12,10,MNAVG,0.29678700000000,0.02737406000000
C3B1H1S1P4L2M1J1E1A3,BRN,CL5S,4,12,9,13,340,12,10,MNHVY,0.46412100000000,0.30128020000000
C3B1H1S1P4L2M1J1E2A1,BRN,CL5S,4,12,9,13,340,12,40,MEPDG,0.59692250000000,0.17579830000000
C3B1H1S1P4L2M1J1E2A2,BRN,CL5S,4,12,9,13,340,12,40,MNAVG,0.29678700000000,0.02737406000000
C3B1H1S1P4L2M1J1E2A3,BRN,CL5S,4,12,9,13,340,12,40,MNHVY,0.46412100000000,0.30128020000000
C3B1H1S1P4L2M1J2E1A1,BRN,CL5S,4,12,9,13,340,15,10,MEPDG,1.89190200000000,0.53464930000000
C3B1H1S1P4L2M1J2E1A2,BRN,CL5S,4,12,9,13,340,15,10,MNAVG,1.23843600000000,0.11072930000000
C3B1H1S1P4L2M1J2E1A3,BRN,CL5S,4,12,9,13,340,15,10,MNHVY,2.25614200000000,1.03735100000000
C3B1H1S1P4L2M1J2E2A1,BRN,CL5S,4,12,9,13,340,15,40,MEPDG,1.89190200000000,0.53464930000000
C3B1H1S1P4L2M1J2E2A2,BRN,CL5S,4,12,9,13,340,15,40,MNAVG,1.23843600000000,0.11072930000000
C3B1H1S1P4L2M1J2E2A3,BRN,CL5S,4,12,9,13,340,15,40,MNHVY,2.25614200000000,1.03735100000000
C3B1H1S1P4L2M2J1E1A1,BRN,CL5S,4,12,9,13,590,12,10,MEPDG,0.00689900200000,0.00443268900000
C3B1H1S1P4L2M2J1E1A2,BRN,CL5S,4,12,9,13,590,12,10,MNAVG,0.00211883800000,0.00057538990000
C3B1H1S1P4L2M2J1E1A3,BRN,CL5S,4,12,9,13,590,12,10,MNHVY,0.00251403800000,0.00677096800000
C3B1H1S1P4L2M2J1E2A1,BRN,CL5S,4,12,9,13,590,12,40,MEPDG,0.00689900200000,0.00443268900000
C3B1H1S1P4L2M2J1E2A2,BRN,CL5S,4,12,9,13,590,12,40,MNAVG,0.00211883800000,0.00057538990000
C3B1H1S1P4L2M2J1E2A3,BRN,CL5S,4,12,9,13,590,12,40,MNHVY,0.00251403800000,0.00677096800000
C3B1H1S1P4L2M2J2E1A1,BRN,CL5S,4,12,9,13,590,15,10,MEPDG,0.04639105000000,0.02922924000000
C3B1H1S1P4L2M2J2E1A2,BRN,CL5S,4,12,9,13,590,15,10,MNAVG,0.01987724000000,0.00559160400000
C3B1H1S1P4L2M2J2E1A3,BRN,CL5S,4,12,9,13,590,15,10,MNHVY,0.03566684000000,0.05559719000000
C3B1H1S1P4L2M2J2E2A1,BRN,CL5S,4,12,9,13,590,15,40,MEPDG,0.04639105000000,0.02922924000000
C3B1H1S1P4L2M2J2E2A2,BRN,CL5S,4,12,9,13,590,15,40,MNAVG,0.01987724000000,0.00559160400000
C3B1H1S1P4L2M2J2E2A3,BRN,CL5S,4,12,9,13,590,15,40,MNHVY,0.03566684000000,0.05559719000000
C3B1H1S1P4L2M3J1E1A1,BRN,CL5S,4,12,9,13,840,12,10,MEPDG,0.00016830000000,0.00013625130000
C3B1H1S1P4L2M3J1E1A2,BRN,CL5S,4,12,9,13,840,12,10,MNAVG,0.00004805165000,0.00001380012000
C3B1H1S1P4L2M3J1E1A3,BRN,CL5S,4,12,9,13,840,12,10,MNHVY,0.00004274046000,0.00017290230000
C3B1H1S1P4L2M3J1E2A1,BRN,CL5S,4,12,9,13,840,12,40,MEPDG,0.00016830000000,0.00013625130000
C3B1H1S1P4L2M3J1E2A2,BRN,CL5S,4,12,9,13,840,12,40,MNAVG,0.00004805165000,0.00001380012000
C3B1H1S1P4L2M3J1E2A3,BRN,CL5S,4,12,9,13,840,12,40,MNHVY,0.00004274046000,0.00017290230000
C3B1H1S1P4L2M3J2E1A1,BRN,CL5S,4,12,9,13,840,15,10,MEPDG,0.00181255400000,0.00163614600000
C3B1H1S1P4L2M3J2E1A2,BRN,CL5S,4,12,9,13,840,15,10,MNAVG,0.00054581040000,0.00026988130000
C3B1H1S1P4L2M3J2E1A3,BRN,CL5S,4,12,9,13,840,15,10,MNHVY,0.00084770370000,0.00297145700000
C3B1H1S1P4L2M3J2E2A1,BRN,CL5S,4,12,9,13,840,15,40,MEPDG,0.00181255400000,0.00163614600000
C3B1H1S1P4L2M3J2E2A2,BRN,CL5S,4,12,9,13,840,15,40,MNAVG,0.00054581040000,0.00026988130000
C3B1H1S1P4L2M3J2E2A3,BRN,CL5S,4,12,9,13,840,15,40,MNHVY,0.00084770370000,0.00297145700000
C3B1H1S1P5L1M1J1E1A1,BRN,CL5S,4,12,10,12,340,12,10,MEPDG,1.41461500000000,0.42129600000000
C3B1H1S1P5L1M1J1E1A2,BRN,CL5S,4,12,10,12,340,12,10,MNAVG,0.55420670000000,0.06526380000000
C3B1H1S1P5L1M1J1E1A3,BRN,CL5S,4,12,10,12,340,12,10,MNHVY,0.88406180000000,0.75047900000000
C3B1H1S1P5L1M1J1E2A1,BRN,CL5S,4,12,10,12,340,12,40,MEPDG,0.60505710000000,0.23173540000000
C3B1H1S1P5L1M1J1E2A2,BRN,CL5S,4,12,10,12,340,12,40,MNAVG,0.24012810000000,0.03402602000000
C3B1H1S1P5L1M1J1E2A3,BRN,CL5S,4,12,10,12,340,12,40,MNHVY,0.34910930000000,0.39505410000000
C3B1H1S1P5L1M1J2E1A1,BRN,CL5S,4,12,10,12,340,15,10,MEPDG,4.70774700000000,1.30158900000000
C3B1H1S1P5L1M1J2E1A2,BRN,CL5S,4,12,10,12,340,15,10,MNAVG,2.50111000000000,0.25764520000000
C3B1H1S1P5L1M1J2E1A3,BRN,CL5S,4,12,10,12,340,15,10,MNHVY,4.88432500000000,2.55730700000000
C3B1H1S1P5L1M1J2E2A1,BRN,CL5S,4,12,10,12,340,15,40,MEPDG,2.28942200000000,0.73578690000000
C3B1H1S1P5L1M1J2E2A2,BRN,CL5S,4,12,10,12,340,15,40,MNAVG,1.26339700000000,0.14294160000000
C3B1H1S1P5L1M1J2E2A3,BRN,CL5S,4,12,10,12,340,15,40,MNHVY,2.31057600000000,1.42579600000000
C3B1H1S1P5L1M2J1E1A1,BRN,CL5S,4,12,10,12,590,12,10,MEPDG,0.01486439000000,0.00757924700000
```

```
C3B1H1S1P5L1M2J1E1A2,BRN,CL5S,4,12,10,12,590,12,10,MNAVG,0.00348617600000,0.00094824480000
C3B1H1S1P5L1M2J1E1A3,BRN,CL5S,4,12,10,12,590,12,10,MNHVY,0.00401035400000,0.01172801000000
C3B1H1S1P5L1M2J1E2A1,BRN,CL5S,4,12,10,12,590,12,40,MEPDG,0.00452888700000,0.00410161000000
C3B1H1S1P5L1M2J1E2A2,BRN,CL5S,4,12,10,12,590,12,40,MNAVG,0.00121180000000,0.00048457530000
C3B1H1S1P5L1M2J1E2A3,BRN,CL5S,4,12,10,12,590,12,40,MNHVY,0.00123286500000,0.00604071800000
C3B1H1S1P5L1M2J2E1A1,BRN,CL5S,4,12,10,12,590,15,10,MEPDG,0.09462820000000,0.05612905000000
C3B1H1S1P5L1M2J2E1A2,BRN,CL5S,4,12,10,12,590,15,10,MNAVG,0.02777692000000,0.00987155500000
C3B1H1S1P5L1M2J2E1A3,BRN,CL5S,4,12,10,12,590,15,10,MNHVY,0.05240109000000,0.10730070000000
C3B1H1S1P5L1M2J2E2A1,BRN,CL5S,4,12,10,12,590,15,40,MEPDG,0.03408758000000,0.02941743000000
C3B1H1S1P5L1M2J2E2A2,BRN,CL5S,4,12,10,12,590,15,40,MNAVG,0.01094291000000,0.00507424100000
C3B1H1S1P5L1M2J2E2A3,BRN,CL5S,4,12,10,12,590,15,40,MNHVY,0.01801948000000,0.05506678000000
C3B1H1S1P5L1M3J1E1A1,BRN,CL5S,4,12,10,12,840,12,10,MEPDG,0.00038326880000,0.00019177840000
C3B1H1S1P5L1M3J1E1A2,BRN,CL5S,4,12,10,12,840,12,10,MNAVG,0.00008383613000,0.00001840691000
C3B1H1S1P5L1M3J1E1A3,BRN,CL5S,4,12,10,12,840,12,10,MNHVY,0.00007156796000,0.00024331870000
C3B1H1S1P5L1M3J1E2A1,BRN,CL5S,4,12,10,12,840,12,40,MEPDG,0.00009018035000,0.00010663850000
C3B1H1S1P5L1M3J1E2A2,BRN,CL5S,4,12,10,12,840,12,40,MNAVG,0.00002427209000,0.00000963707900
C3B1H1S1P5L1M3J1E2A3,BRN,CL5S,4,12,10,12,840,12,40,MNHVY,0.00001877727000,0.00012726880000
C3B1H1S1P5L1M3J2E1A1,BRN,CL5S,4,12,10,12,840,15,10,MEPDG,0.00332054900000,0.00270417200000
C3B1H1S1P5L1M3J2E1A2,BRN,CL5S,4,12,10,12,840,15,10,MNAVG,0.00068123230000,0.00040422440000
C3B1H1S1P5L1M3J2E1A3,BRN,CL5S,4,12,10,12,840,15,10,MNHVY,0.00102623200000,0.00481381500000
C3B1H1S1P5L1M3J2E2A1,BRN,CL5S,4,12,10,12,840,15,40,MEPDG,0.00093554720000,0.00136712100000
C3B1H1S1P5L1M3J2E2A2,BRN,CL5S,4,12,10,12,840,15,40,MNAVG,0.00022574420000,0.00019886100000
C3B1H1S1P5L1M3J2E2A3,BRN,CL5S,4,12,10,12,840,15,40,MNHVY,0.00028907650000,0.00237304300000
C3B1H1S1P5L2M1J1E1A1,BRN,CL5S,4,12,10,13,340,12,10,MEPDG,0.13366760000000,0.10426710000000
C3B1H1S1P5L2M1J1E1A2,BRN,CL5S,4,12,10,13,340,12,10,MNAVG,0.05192220000000,0.01576973000000
C3B1H1S1P5L2M1J1E1A3,BRN,CL5S,4,12,10,13,340,12,10,MNHVY,0.07389221000000,0.17974700000000
C3B1H1S1P5L2M1J1E2A1,BRN,CL5S,4,12,10,13,340,12,40,MEPDG,0.13366760000000,0.10426710000000
C3B1H1S1P5L2M1J1E2A2,BRN,CL5S,4,12,10,13,340,12,40,MNAVG,0.05192220000000,0.01576973000000
C3B1H1S1P5L2M1J1E2A3,BRN,CL5S,4,12,10,13,340,12,40,MNHVY,0.07389221000000,0.17974700000000
C3B1H1S1P5L2M1J2E1A1,BRN,CL5S,4,12,10,13,340,15,10,MEPDG,0.56172350000000,0.39358710000000
C3B1H1S1P5L2M1J2E1A2,BRN,CL5S,4,12,10,13,340,15,10,MNAVG,0.30944430000000,0.07926747000000
C3B1H1S1P5L2M1J2E1A3,BRN,CL5S,4,12,10,13,340,15,10,MNHVY,0.55941210000000,0.76887160000000
C3B1H1S1P5L2M1J2E2A1,BRN,CL5S,4,12,10,13,340,15,40,MEPDG,0.56172350000000,0.39358710000000
C3B1H1S1P5L2M1J2E2A2,BRN,CL5S,4,12,10,13,340,15,40,MNAVG,0.30944430000000,0.07926747000000
C3B1H1S1P5L2M1J2E2A3,BRN,CL5S,4,12,10,13,340,15,40,MNHVY,0.55941210000000,0.76887160000000
C3B1H1S1P5L2M2J1E1A1,BRN,CL5S,4,12,10,13,590,12,10,MEPDG,0.00085573590000,0.00174007700000
C3B1H1S1P5L2M2J1E1A2,BRN,CL5S,4,12,10,13,590,12,10,MNAVG,0.00023592300000,0.00021284750000
C3B1H1S1P5L2M2J1E1A3,BRN,CL5S,4,12,10,13,590,12,10,MNHVY,0.00023105950000,0.00261181200000
C3B1H1S1P5L2M2J1E2A1,BRN,CL5S,4,12,10,13,590,12,40,MEPDG,0.00085573590000,0.00174007700000
C3B1H1S1P5L2M2J1E2A2,BRN,CL5S,4,12,10,13,590,12,40,MNAVG,0.00023592300000,0.00021284750000
C3B1H1S1P5L2M2J1E2A3,BRN,CL5S,4,12,10,13,590,12,40,MNHVY,0.00023105950000,0.00261181200000
C3B1H1S1P5L2M2J2E1A1,BRN,CL5S,4,12,10,13,590,15,10,MEPDG,0.00721708200000,0.01472089000000
C3B1H1S1P5L2M2J2E1A2,BRN,CL5S,4,12,10,13,590,15,10,MNAVG,0.00234377100000,0.00262755200000
C3B1H1S1P5L2M2J2E1A3,BRN,CL5S,4,12,10,13,590,15,10,MNHVY,0.00374079400000,0.02791753000000
C3B1H1S1P5L2M2J2E2A1,BRN,CL5S,4,12,10,13,590,15,40,MEPDG,0.00721708200000,0.01472089000000
C3B1H1S1P5L2M2J2E2A2,BRN,CL5S,4,12,10,13,590,15,40,MNAVG,0.00234377100000,0.00262755200000
C3B1H1S1P5L2M2J2E2A3,BRN,CL5S,4,12,10,13,590,15,40,MNHVY,0.00374079400000,0.02791753000000
C3B1H1S1P5L2M3J1E1A1,BRN,CL5S,4,12,10,13,840,12,10,MEPDG,0.00001486232000,0.00004265425000
C3B1H1S1P5L2M3J1E1A2,BRN,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000423934500,0.00000398521300
C3B1H1S1P5L2M3J1E1A3,BRN,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000312625800,0.00005220187000
```

```
C3B1H1S1P5L2M3J1E2A1,BRN,CL5S,4,12,10,13,840,12,40,MEPDG,0.00001486232000,0.00004265425000
C3B1H1S1P5L2M3J1E2A2,BRN,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000423934500,0.00000398521300
C3B1H1S1P5L2M3J1E2A3,BRN,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000312625800,0.00005220187000
C3B1H1S1P5L2M3J2E1A1,BRN,CL5S,4,12,10,13,840,15,10,MEPDG,0.00017605260000,0.00063487970000
C3B1H1S1P5L2M3J2E1A2,BRN,CL5S,4,12,10,13,840,15,10,MNAVG,0.00004403188000,0.00009544233000
C3B1H1S1P5L2M3J2E1A3,BRN,CL5S,4,12,10,13,840,15,10,MNHVY,0.00005417987000,0.00112008600000
C3B1H1S1P5L2M3J2E2A1,BRN,CL5S,4,12,10,13,840,15,40,MEPDG,0.00017605260000,0.00063487970000
C3B1H1S1P5L2M3J2E2A2,BRN,CL5S,4,12,10,13,840,15,40,MNAVG,0.00004403188000,0.00009544233000
C3B1H1S1P5L2M3J2E2A3,BRN,CL5S,4,12,10,13,840,15,40,MNHVY,0.00005417987000,0.00112008600000
C3B1H1S1P6L1M1J1E1A1,BRN,CL5S,4,12,11,12,340,12,10,MEPDG,0.35310270000000,0.21120060000000
C3B1H1S1P6L1M1J1E1A2,BRN,CL5S,4,12,11,12,340,12,10,MNAVG,0.10556780000000,0.03074393000000
C3B1H1S1P6L1M1J1E1A3,BRN,CL5S,4,12,11,12,340,12,10,MNHVY,0.15638250000000,0.36895250000000
C3B1H1S1P6L1M1J1E2A1,BRN,CL5S,4,12,11,12,340,12,40,MEPDG,0.13470390000000,0.12055890000000
C3B1H1S1P6L1M1J1E2A2,BRN,CL5S,4,12,11,12,340,12,40,MNAVG,0.04224021000000,0.01679802000000
C3B1H1S1P6L1M1J1E2A3,BRN,CL5S,4,12,11,12,340,12,40,MNHVY,0.05552189000000,0.20315400000000
C3B1H1S1P6L1M1J2E1A1,BRN,CL5S,4,12,11,12,340,15,10,MEPDG,1.46839300000000,0.82677690000000
C3B1H1S1P6L1M1J2E1A2,BRN,CL5S,4,12,11,12,340,15,10,MNAVG,0.61950140000000,0.15427150000000
C3B1H1S1P6L1M1J2E1A3,BRN,CL5S,4,12,11,12,340,15,10,MNHVY,1.21841100000000,1.62220000000000
C3B1H1S1P6L1M1J2E2A1,BRN,CL5S,4,12,11,12,340,15,40,MEPDG,0.64602840000000,0.48299220000000
C3B1H1S1P6L1M1J2E2A2,BRN,CL5S,4,12,11,12,340,15,40,MNAVG,0.28843020000000,0.08948309000000
C3B1H1S1P6L1M1J2E2A3,BRN,CL5S,4,12,11,12,340,15,40,MNHVY,0.51658240000000,0.93472120000000
C3B1H1S1P6L1M2J1E1A1,BRN,CL5S,4,12,11,12,590,12,10,MEPDG,0.00240168100000,0.00256747200000
C3B1H1S1P6L1M2J1E1A2,BRN,CL5S,4,12,11,12,590,12,10,MNAVG,0.00050674880000,0.00028929640000
C3B1H1S1P6L1M2J1E1A3,BRN,CL5S,4,12,11,12,590,12,10,MNHVY,0.00049630150000,0.00375462700000
C3B1H1S1P6L1M2J1E2A1,BRN,CL5S,4,12,11,12,590,12,40,MEPDG,0.00063344350000,0.00148768900000
C3B1H1S1P6L1M2J1E2A2,BRN,CL5S,4,12,11,12,590,12,40,MNAVG,0.00016179470000,0.00016179230000
C3B1H1S1P6L1M2J1E2A3,BRN,CL5S,4,12,11,12,590,12,40,MNHVY,0.00014005650000,0.00209709000000
C3B1H1S1P6L1M2J2E1A1,BRN,CL5S,4,12,11,12,590,15,10,MEPDG,0.01658629000000,0.02455035000000
C3B1H1S1P6L1M2J2E1A2,BRN,CL5S,4,12,11,12,590,15,10,MNAVG,0.00371543200000,0.00393323700000
C3B1H1S1P6L1M2J2E1A3,BRN,CL5S,4,12,11,12,590,15,10,MNHVY,0.00608379300000,0.04568374000000
C3B1H1S1P6L1M2J2E2A1,BRN,CL5S,4,12,11,12,590,15,40,MEPDG,0.00524246500000,0.01343536000000
C3B1H1S1P6L1M2J2E2A2,BRN,CL5S,4,12,11,12,590,15,40,MNAVG,0.00134592200000,0.00212361300000
C3B1H1S1P6L1M2J2E2A3,BRN,CL5S,4,12,11,12,590,15,40,MNHVY,0.00188781700000,0.02458834000000
C3B1H1S1P6L1M3J1E1A1,BRN,CL5S,4,12,11,12,840,12,10,MEPDG,0.00004783694000,0.00006019532000
C3B1H1S1P6L1M3J1E1A2,BRN,CL5S,4,12,11,12,840,12,10,MNAVG,0.00000942442100,0.00000503942100
C3B1H1S1P6L1M3J1E1A3,BRN,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000709160800,0.00007146018000
C3B1H1S1P6L1M3J1E2A1,BRN,CL5S,4,12,11,12,840,12,40,MEPDG,0.00000969734900,0.00003659072000
C3B1H1S1P6L1M3J1E2A2,BRN,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000247562700,0.00000294285800
C3B1H1S1P6L1M3J1E2A3,BRN,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000168428200,0.00004129364000
C3B1H1S1P6L1M3J2E1A1,BRN,CL5S,4,12,11,12,840,15,10,MEPDG,0.00035000070000,0.00097975760000
C3B1H1S1P6L1M3J2E1A2,BRN,CL5S,4,12,11,12,840,15,10,MNAVG,0.00006150836000,0.00012807770000
C3B1H1S1P6L1M3J2E1A3,BRN,CL5S,4,12,11,12,840,15,10,MNHVY,0.00006971572000,0.00164348000000
C3B1H1S1P6L1M3J2E2A1,BRN,CL5S,4,12,11,12,840,15,40,MEPDG,0.00008401434000,0.00053102980000
C3B1H1S1P6L1M3J2E2A2,BRN,CL5S,4,12,11,12,840,15,40,MNAVG,0.00001847471000,0.00006876572000
C3B1H1S1P6L1M3J2E2A3,BRN,CL5S,4,12,11,12,840,15,40,MNHVY,0.00001805825000,0.00087447660000
C3B1H1S1P6L2M1J1E1A1,BRN,CL5S,4,12,11,13,340,12,10,MEPDG,0.02825062000000,0.05580910000000
C3B1H1S1P6L2M1J1E1A2,BRN,CL5S,4,12,11,13,340,12,10,MNAVG,0.00882048300000,0.00800601100000
C3B1H1S1P6L2M1J1E1A3,BRN,CL5S,4,12,11,13,340,12,10,MNHVY,0.01121222000000,0.09512497000000
C3B1H1S1P6L2M1J1E2A1,BRN,CL5S,4,12,11,13,340,12,40,MEPDG,0.02825062000000,0.05580910000000
C3B1H1S1P6L2M1J1E2A2,BRN,CL5S,4,12,11,13,340,12,40,MNAVG,0.00882048300000,0.00800601100000
```

```
C3B1H1S1P6L2M1J1E2A3,BRN,CL5S,4,12,11,13,340,12,40,MNHVY,0.01121222000000,0.09512497000000
C3B1H1S1P6L2M1J2E1A1,BRN,CL5S,4,12,11,13,340,15,10,MEPDG,0.15069640000000,0.25942550000000
C3B1H1S1P6L2M1J2E1A2,BRN,CL5S,4,12,11,13,340,15,10,MNAVG,0.06737895000000,0.04958869000000
C3B1H1S1P6L2M1J2E1A3,BRN,CL5S,4,12,11,13,340,15,10,MNHVY,0.11826580000000,0.50643160000000
C3B1H1S1P6L2M1J2E2A1,BRN,CL5S,4,12,11,13,340,15,40,MEPDG,0.15069640000000,0.25942550000000
C3B1H1S1P6L2M1J2E2A2,BRN,CL5S,4,12,11,13,340,15,40,MNAVG,0.06737895000000,0.04958869000000
C3B1H1S1P6L2M1J2E2A3,BRN,CL5S,4,12,11,13,340,15,40,MNHVY,0.11826580000000,0.50643160000000
C3B1H1S1P6L2M2J1E1A1,BRN,CL5S,4,12,11,13,590,12,10,MEPDG,0.00011253840000,0.00065560340000
C3B1H1S1P6L2M2J1E1A2,BRN,CL5S,4,12,11,13,590,12,10,MNAVG,0.00003018306000,0.00007390029000
C3B1H1S1P6L2M2J1E1A3,BRN,CL5S,4,12,11,13,590,12,10,MNHVY,0.00002512258000,0.00094491070000
C3B1H1S1P6L2M2J1E2A1,BRN,CL5S,4,12,11,13,590,12,40,MEPDG,0.00011253840000,0.00065560340000
C3B1H1S1P6L2M2J1E2A2,BRN,CL5S,4,12,11,13,590,12,40,MNAVG,0.00003018306000,0.00007390029000
C3B1H1S1P6L2M2J1E2A3,BRN,CL5S,4,12,11,13,590,12,40,MNHVY,0.00002512258000,0.00094491070000
C3B1H1S1P6L2M2J2E1A1,BRN,CL5S,4,12,11,13,590,15,10,MEPDG,0.00103697700000,0.00683716900000
C3B1H1S1P6L2M2J2E1A2,BRN,CL5S,4,12,11,13,590,15,10,MNAVG,0.00027385460000,0.00111995900000
C3B1H1S1P6L2M2J2E1A3,BRN,CL5S,4,12,11,13,590,15,10,MNHVY,0.00036874880000,0.01269949000000
C3B1H1S1P6L2M2J2E2A1,BRN,CL5S,4,12,11,13,590,15,40,MEPDG,0.00103697700000,0.00683716900000
C3B1H1S1P6L2M2J2E2A2,BRN,CL5S,4,12,11,13,590,15,40,MNAVG,0.00027385460000,0.00111995900000
C3B1H1S1P6L2M2J2E2A3,BRN,CL5S,4,12,11,13,590,15,40,MNHVY,0.00036874880000,0.01269949000000
C3B1H1S1P6L2M3J1E1A1,BRN,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000154752600,0.00001563259000
C3B1H1S1P6L2M3J1E1A2,BRN,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000042135890,0.00000129533300
C3B1H1S1P6L2M3J1E1A3,BRN,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000027805370,0.00001810218000
C3B1H1S1P6L2M3J1E2A1,BRN,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000154752600,0.00001563259000
C3B1H1S1P6L2M3J1E2A2,BRN,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000042135890,0.00000129533300
C3B1H1S1P6L2M3J1E2A3,BRN,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000027805370,0.00001810218000
C3B1H1S1P6L2M3J2E1A1,BRN,CL5S,4,12,11,13,840,15,10,MEPDG,0.00001489615000,0.00025069690000
C3B1H1S1P6L2M3J2E1A2,BRN,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000345974100,0.00003338555000
C3B1H1S1P6L2M3J2E1A3,BRN,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000329241300,0.00041987420000
C3B1H1S1P6L2M3J2E2A1,BRN,CL5S,4,12,11,13,840,15,40,MEPDG,0.00001489615000,0.00025069690000
C3B1H1S1P6L2M3J2E2A2,BRN,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000345974100,0.00003338555000
C3B1H1S1P6L2M3J2E2A3,BRN,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000329241300,0.00041987420000
C3B1H1S1P7L1M1J1E1A1,BRN,CL5S,4,12,12,12,340,12,10,MEPDG,0.08538722000000,0.09348655000000
C3B1H1S1P7L1M1J1E1A2,BRN,CL5S,4,12,12,12,340,12,10,MNAVG,0.02043518000000,0.01266844000000
C3B1H1S1P7L1M1J1E1A3,BRN,CL5S,4,12,12,12,340,12,10,MNHVY,0.02749507000000,0.15744940000000
C3B1H1S1P7L1M1J1E2A1,BRN,CL5S,4,12,12,12,340,12,40,MEPDG,0.02906692000000,0.05578266000000
C3B1H1S1P7L1M1J1E2A2,BRN,CL5S,4,12,12,12,340,12,40,MNAVG,0.00769113100000,0.00732913100000
C3B1H1S1P7L1M1J1E2A3,BRN,CL5S,4,12,12,12,340,12,40,MNHVY,0.00901478400000,0.09132270000000
C3B1H1S1P7L1M1J2E1A1,BRN,CL5S,4,12,12,12,340,15,10,MEPDG,0.40937970000000,0.48318540000000
C3B1H1S1P7L1M1J2E1A2,BRN,CL5S,4,12,12,12,340,15,10,MNAVG,0.13194540000000,0.08476345000000
C3B1H1S1P7L1M1J2E1A3,BRN,CL5S,4,12,12,12,340,15,10,MNHVY,0.25134870000000,0.93561430000000
C3B1H1S1P7L1M1J2E2A1,BRN,CL5S,4,12,12,12,340,15,40,MEPDG,0.16172250000000,0.28833850000000
C3B1H1S1P7L1M1J2E2A2,BRN,CL5S,4,12,12,12,340,15,40,MNAVG,0.05650031000000,0.05019438000000
C3B1H1S1P7L1M1J2E2A3,BRN,CL5S,4,12,12,12,340,15,40,MNHVY,0.09519328000000,0.55075480000000
C3B1H1S1P7L1M2J1E1A1,BRN,CL5S,4,12,12,12,590,12,10,MEPDG,0.00043042300000,0.00094238920000
C3B1H1S1P7L1M2J1E1A2,BRN,CL5S,4,12,12,12,590,12,10,MNAVG,0.00008243851000,0.00009660123000
C3B1H1S1P7L1M2J1E1A3,BRN,CL5S,4,12,12,12,590,12,10,MNHVY,0.00007248710000,0.00130491100000
C3B1H1S1P7L1M2J1E2A1,BRN,CL5S,4,12,12,12,590,12,40,MEPDG,0.00010010330000,0.00058992590000
C3B1H1S1P7L1M2J1E2A2,BRN,CL5S,4,12,12,12,590,12,40,MNAVG,0.00002434496000,0.00005980935000
C3B1H1S1P7L1M2J1E2A3,BRN,CL5S,4,12,12,12,590,12,40,MNHVY,0.00001892719000,0.00079965030000
C3B1H1S1P7L1M2J2E1A1,BRN,CL5S,4,12,12,12,590,15,10,MEPDG,0.00255924400000,0.01044302000000
```

```
C3B1H1S1P7L1M2J2E1A2,BRN,CL5S,4,12,12,12,590,15,10,MNAVG,0.00047179770000,0.00152203400000
C3B1H1S1P7L1M2J2E1A3,BRN,CL5S,4,12,12,12,590,15,10,MNHVY,0.00061157170000,0.01860601000000
C3B1H1S1P7L1M2J2E2A1,BRN,CL5S,4,12,12,12,590,15,40,MEPDG,0.00070805060000,0.00600887100000
C3B1H1S1P7L1M2J2E2A2,BRN,CL5S,4,12,12,12,590,15,40,MNAVG,0.00015839420000,0.00087484010000
C3B1H1S1P7L1M2J2E2A3,BRN,CL5S,4,12,12,12,590,15,40,MNHVY,0.00017774100000,0.01059643000000
C3B1H1S1P7L1M3J1E1A1,BRN,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000784537100,0.00002184098000
C3B1H1S1P7L1M3J1E1A2,BRN,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000130300100,0.00000163197600
C3B1H1S1P7L1M3J1E1A3,BRN,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000091629560,0.00002414532000
C3B1H1S1P7L1M3J1E2A1,BRN,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000142376200,0.00001377621000
C3B1H1S1P7L1M3J1E2A2,BRN,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000032257210,0.00000102230100
C3B1H1S1P7L1M3J1E2A3,BRN,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000020300900,0.00001504914000
C3B1H1S1P7L1M3J2E1A1,BRN,CL5S,4,12,12,12,840,15,10,MEPDG,0.00003852465000,0.00037177910000
C3B1H1S1P7L1M3J2E1A2,BRN,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000605885400,0.00004193783000
C3B1H1S1P7L1M3J2E1A3,BRN,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000550668400,0.00057447100000
C3B1H1S1P7L1M3J2E2A1,BRN,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000805347800,0.00021602030000
C3B1H1S1P7L1M3J2E2A2,BRN,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000166771000,0.00002427395000
C3B1H1S1P7L1M3J2E2A3,BRN,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000133375200,0.00032837210000
C3B1H1S1P7L2M1J1E1A1,BRN,CL5S,4,12,12,13,340,12,10,MEPDG,0.00579346200000,0.02664921000000
C3B1H1S1P7L2M1J1E1A2,BRN,CL5S,4,12,12,13,340,12,10,MNAVG,0.00156236700000,0.00360373600000
C3B1H1S1P7L2M1J1E1A3,BRN,CL5S,4,12,12,13,340,12,10,MNHVY,0.00175436600000,0.04419924000000
C3B1H1S1P7L2M1J1E2A1,BRN,CL5S,4,12,12,13,340,12,40,MEPDG,0.00579346200000,0.02664921000000
C3B1H1S1P7L2M1J1E2A2,BRN,CL5S,4,12,12,13,340,12,40,MNAVG,0.00156236700000,0.00360373600000
C3B1H1S1P7L2M1J1E2A3,BRN,CL5S,4,12,12,13,340,12,40,MNHVY,0.00175436600000,0.04419924000000
C3B1H1S1P7L2M1J2E1A1,BRN,CL5S,4,12,12,13,340,15,10,MEPDG,0.03563335000000,0.15854890000000
C3B1H1S1P7L2M1J2E1A2,BRN,CL5S,4,12,12,13,340,15,10,MNAVG,0.01255061000000,0.02855854000000
C3B1H1S1P7L2M1J2E1A3,BRN,CL5S,4,12,12,13,340,15,10,MNHVY,0.02049214000000,0.30607170000000
C3B1H1S1P7L2M1J2E2A1,BRN,CL5S,4,12,12,13,340,15,40,MEPDG,0.03563335000000,0.15854890000000
C3B1H1S1P7L2M1J2E2A2,BRN,CL5S,4,12,12,13,340,15,40,MNAVG,0.01255061000000,0.02855854000000
C3B1H1S1P7L2M1J2E2A3,BRN,CL5S,4,12,12,13,340,15,40,MNHVY,0.02049214000000,0.30607170000000
C3B1H1S1P7L2M2J1E1A1,BRN,CL5S,4,12,12,13,590,12,10,MEPDG,0.00001696758000,0.00027212330000
C3B1H1S1P7L2M2J1E1A2,BRN,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000439238900,0.00002864133000
C3B1H1S1P7L2M2J1E1A3,BRN,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000328907200,0.00037866060000
C3B1H1S1P7L2M2J1E2A1,BRN,CL5S,4,12,12,13,590,12,40,MEPDG,0.00001696758000,0.00027212330000
C3B1H1S1P7L2M2J1E2A2,BRN,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000439238900,0.00002864133000
C3B1H1S1P7L2M2J1E2A3,BRN,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000328907200,0.00037866060000
C3B1H1S1P7L2M2J2E1A1,BRN,CL5S,4,12,12,13,590,15,10,MEPDG,0.00013084090000,0.00312027500000
C3B1H1S1P7L2M2J2E1A2,BRN,CL5S,4,12,12,13,590,15,10,MNAVG,0.00003071691000,0.00047072310000
C3B1H1S1P7L2M2J2E1A3,BRN,CL5S,4,12,12,13,590,15,10,MNHVY,0.00003302301000,0.00560051000000
C3B1H1S1P7L2M2J2E2A1,BRN,CL5S,4,12,12,13,590,15,40,MEPDG,0.00013084090000,0.00312027500000
C3B1H1S1P7L2M2J2E2A2,BRN,CL5S,4,12,12,13,590,15,40,MNAVG,0.00003071691000,0.00047072310000
C3B1H1S1P7L2M2J2E2A3,BRN,CL5S,4,12,12,13,590,15,40,MNHVY,0.00003302301000,0.00560051000000
C3B1H1S1P7L2M3J1E1A1,BRN,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000021764340,0.00000641042500
C3B1H1S1P7L2M3J1E1A2,BRN,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000005342681,0.00000046674710
C3B1H1S1P7L2M3J1E1A3,BRN,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000003253945,0.00000684691800
C3B1H1S1P7L2M3J1E2A1,BRN,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000021764340,0.00000641042500
C3B1H1S1P7L2M3J1E2A2,BRN,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000005342681,0.00000046674710
C3B1H1S1P7L2M3J1E2A3,BRN,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000003253945,0.00000684691800
C3B1H1S1P7L2M3J2E1A1,BRN,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000134227300,0.00010901370000
C3B1H1S1P7L2M3J2E1A2,BRN,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000029788160,0.00001258976000
C3B1H1S1P7L2M3J2E1A3,BRN,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000023119670,0.00016897660000
```

```
C3B1H1S1P7L2M3J2E2A1,BRN,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000134227300,0.00010901370000
C3B1H1S1P7L2M3J2E2A2,BRN,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000029788160,0.00001258976000
C3B1H1S1P7L2M3J2E2A3,BRN,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000023119670,0.00016897660000
C3B1H2S2P1L1M1J1E1A1,BRN,CL5S,12,4,6,12,340,12,10,MEPDG,52.80162000000000,0.00455187700000
C3B1H2S2P1L1M1J1E1A2,BRN,CL5S,12,4,6,12,340,12,10,MNAVG,41.15475000000000,0.00067482790000
C3B1H2S2P1L1M1J1E1A3,BRN,CL5S,12,4,6,12,340,12,10,MNHVY,70.65073000000000,0.00760829300000
C3B1H2S2P1L1M1J1E2A1,BRN,CL5S,12,4,6,12,340,12,40,MEPDG,31.50466000000000,0.00990705800000
C3B1H2S2P1L1M1J1E2A2,BRN,CL5S,12,4,6,12,340,12,40,MNAVG,23.33295000000000,0.00110580100000
C3B1H2S2P1L1M1J1E2A3,BRN,CL5S,12,4,6,12,340,12,40,MNHVY,40.92294000000000,0.01377042000000
C3B1H2S2P1L1M1J2E1A1,BRN,CL5S,12,4,6,12,340,15,10,MEPDG,65.78329000000000,0.02684628000000
C3B1H2S2P1L1M1J2E1A2,BRN,CL5S,12,4,6,12,340,15,10,MNAVG,53.47288000000000,0.00416105200000
C3B1H2S2P1L1M1J2E1A3,BRN,CL5S,12,4,6,12,340,15,10,MNHVY,93.57327000000000,0.04548139000000
C3B1H2S2P1L1M1J2E2A1,BRN,CL5S,12,4,6,12,340,15,40,MEPDG,40.36104000000000,0.01483748000000
C3B1H2S2P1L1M1J2E2A2,BRN,CL5S,12,4,6,12,340,15,40,MNAVG,31.44138000000000,0.00235135900000
C3B1H2S2P1L1M1J2E2A3,BRN,CL5S,12,4,6,12,340,15,40,MNHVY,56.28297000000000,0.02534773000000
C3B1H2S2P1L1M2J1E1A1,BRN,CL5S,12,4,6,12,590,12,10,MEPDG,6.05017800000000,0.01909807000000
C3B1H2S2P1L1M2J1E1A2,BRN,CL5S,12,4,6,12,590,12,10,MNAVG,3.94032400000000,0.00222044900000
C3B1H2S2P1L1M2J1E1A3,BRN,CL5S,12,4,6,12,590,12,10,MNHVY,6.62608400000000,0.02614534000000
C3B1H2S2P1L1M2J1E2A1,BRN,CL5S,12,4,6,12,590,12,40,MEPDG,3.20162500000000,0.00000000000007
C3B1H2S2P1L1M2J1E2A2,BRN,CL5S,12,4,6,12,590,12,40,MNAVG,2.02193500000000,0.00000000000002
C3B1H2S2P1L1M2J1E2A3,BRN,CL5S,12,4,6,12,590,12,40,MNHVY,3.39285700000000,0.00000000000014
C3B1H2S2P1L1M2J2E1A1,BRN,CL5S,12,4,6,12,590,15,10,MEPDG,10.57794000000000,0.01603945000000
C3B1H2S2P1L1M2J2E1A2,BRN,CL5S,12,4,6,12,590,15,10,MNAVG,7.85948800000000,0.00322555000000
C3B1H2S2P1L1M2J2E1A3,BRN,CL5S,12,4,6,12,590,15,10,MNHVY,13.99960000000000,0.03006908000000
C3B1H2S2P1L1M2J2E2A1,BRN,CL5S,12,4,6,12,590,15,40,MEPDG,6.05402400000000,0.01786051000000
C3B1H2S2P1L1M2J2E2A2,BRN,CL5S,12,4,6,12,590,15,40,MNAVG,4.45213000000000,0.00299511700000
C3B1H2S2P1L1M2J2E2A3,BRN,CL5S,12,4,6,12,590,15,40,MNHVY,7.96709200000000,0.03048099000000
C3B1H2S2P1L1M3J1E1A1,BRN,CL5S,12,4,6,12,840,12,10,MEPDG,0.85679940000000,0.00000000000000
C3B1H2S2P1L1M3J1E1A2,BRN,CL5S,12,4,6,12,840,12,10,MNAVG,0.43375010000000,0.00000000000000
C3B1H2S2P1L1M3J1E1A3,BRN,CL5S,12,4,6,12,840,12,10,MNHVY,0.70673330000000,0.00000000000000
C3B1H2S2P1L1M3J1E2A1,BRN,CL5S,12,4,6,12,840,12,40,MEPDG,0.39522060000000,0.00000000000000
C3B1H2S2P1L1M3J1E2A2,BRN,CL5S,12,4,6,12,840,12,40,MNAVG,0.19705560000000,0.00000000000000
C3B1H2S2P1L1M3J1E2A3,BRN,CL5S,12,4,6,12,840,12,40,MNHVY,0.31036760000000,0.00000000000000
C3B1H2S2P1L1M3J2E1A1,BRN,CL5S,12,4,6,12,840,15,10,MEPDG,2.10735600000000,0.00000000000000
C3B1H2S2P1L1M3J2E1A2,BRN,CL5S,12,4,6,12,840,15,10,MNAVG,1.34930200000000,0.00000000000000
C3B1H2S2P1L1M3J2E1A3,BRN,CL5S,12,4,6,12,840,15,10,MNHVY,2.52332500000000,0.00000000000001
C3B1H2S2P1L1M3J2E2A1,BRN,CL5S,12,4,6,12,840,15,40,MEPDG,1.08059800000000,0.00000000000000
C3B1H2S2P1L1M3J2E2A2,BRN,CL5S,12,4,6,12,840,15,40,MNAVG,0.69806020000000,0.00000000000000
C3B1H2S2P1L1M3J2E2A3,BRN,CL5S,12,4,6,12,840,15,40,MNHVY,1.28013600000000,0.00000000000000
C3B1H2S2P1L2M1J1E1A1,BRN,CL5S,12,4,6,13,340,12,10,MEPDG,7.96656200000000,0.00360404900000
C3B1H2S2P1L2M1J1E1A2,BRN,CL5S,12,4,6,13,340,12,10,MNAVG,5.69261600000000,0.00042264570000
C3B1H2S2P1L2M1J1E1A3,BRN,CL5S,12,4,6,13,340,12,10,MNHVY,10.10609000000000,0.00510523000000
C3B1H2S2P1L2M1J1E2A1,BRN,CL5S,12,4,6,13,340,12,40,MEPDG,7.96656200000000,0.00360404900000
C3B1H2S2P1L2M1J1E2A2,BRN,CL5S,12,4,6,13,340,12,40,MNAVG,5.69261600000000,0.00042264570000
C3B1H2S2P1L2M1J1E2A3,BRN,CL5S,12,4,6,13,340,12,40,MNHVY,10.10609000000000,0.00510523000000
C3B1H2S2P1L2M1J2E1A1,BRN,CL5S,12,4,6,13,340,15,10,MEPDG,10.48921000000000,0.00620192800000
C3B1H2S2P1L2M1J2E1A2,BRN,CL5S,12,4,6,13,340,15,10,MNAVG,7.95980700000000,0.00105264100000
C3B1H2S2P1L2M1J2E1A3,BRN,CL5S,12,4,6,13,340,15,10,MNHVY,14.38706000000000,0.01084546000000
C3B1H2S2P1L2M1J2E2A1,BRN,CL5S,12,4,6,13,340,15,40,MEPDG,10.48921000000000,0.00620192800000
C3B1H2S2P1L2M1J2E2A2,BRN,CL5S,12,4,6,13,340,15,40,MNAVG,7.95980700000000,0.00105264100000
```

```
C3B1H2S2P1L2M1J2E2A3,BRN,CL5S,12,4,6,13,340,15,40,MNHVY,14.38706000000000,0.01084546000000
C3B1H2S2P1L2M2J1E1A1,BRN,CL5S,12,4,6,13,590,12,10,MEPDG,0.77348960000000,0.00135705400000
C3B1H2S2P1L2M2J1E1A2,BRN,CL5S,12,4,6,13,590,12,10,MNAVG,0.47447500000000,0.00019961260000
C3B1H2S2P1L2M2J1E1A3,BRN,CL5S,12,4,6,13,590,12,10,MNHVY,0.80621810000000,0.00215901100000
C3B1H2S2P1L2M2J1E2A1,BRN,CL5S,12,4,6,13,590,12,40,MEPDG,0.77348960000000,0.00135705400000
C3B1H2S2P1L2M2J1E2A2,BRN,CL5S,12,4,6,13,590,12,40,MNAVG,0.47447500000000,0.00019961260000
C3B1H2S2P1L2M2J1E2A3,BRN,CL5S,12,4,6,13,590,12,40,MNHVY,0.80621810000000,0.00215901100000
C3B1H2S2P1L2M2J2E1A1,BRN,CL5S,12,4,6,13,590,15,10,MEPDG,1.57520600000000,0.00789990400000
C3B1H2S2P1L2M2J2E1A2,BRN,CL5S,12,4,6,13,590,15,10,MNAVG,1.15232200000000,0.00142252500000
C3B1H2S2P1L2M2J2E1A3,BRN,CL5S,12,4,6,13,590,15,10,MNHVY,2.08350500000000,0.01385170000000
C3B1H2S2P1L2M2J2E2A1,BRN,CL5S,12,4,6,13,590,15,40,MEPDG,1.57520600000000,0.00789990400000
C3B1H2S2P1L2M2J2E2A2,BRN,CL5S,12,4,6,13,590,15,40,MNAVG,1.15232200000000,0.00142252500000
C3B1H2S2P1L2M2J2E2A3,BRN,CL5S,12,4,6,13,590,15,40,MNHVY,2.08350500000000,0.01385170000000
C3B1H2S2P1L2M3J1E1A1,BRN,CL5S,12,4,6,13,840,12,10,MEPDG,0.08968937000000,0.00000000000000
C3B1H2S2P1L2M3J1E1A2,BRN,CL5S,12,4,6,13,840,12,10,MNAVG,0.04348623000000,0.00000000000000
C3B1H2S2P1L2M3J1E1A3,BRN,CL5S,12,4,6,13,840,12,10,MNHVY,0.06896445000000,0.00000000000000
C3B1H2S2P1L2M3J1E2A1,BRN,CL5S,12,4,6,13,840,12,40,MEPDG,0.08968937000000,0.00000000000000
C3B1H2S2P1L2M3J1E2A2,BRN,CL5S,12,4,6,13,840,12,40,MNAVG,0.04348623000000,0.00000000000000
C3B1H2S2P1L2M3J1E2A3,BRN,CL5S,12,4,6,13,840,12,40,MNHVY,0.06896445000000,0.00000000000000
C3B1H2S2P1L2M3J2E1A1,BRN,CL5S,12,4,6,13,840,15,10,MEPDG,0.27002850000000,0.00000000000000
C3B1H2S2P1L2M3J2E1A2,BRN,CL5S,12,4,6,13,840,15,10,MNAVG,0.17392940000000,0.00000000000000
C3B1H2S2P1L2M3J2E1A3,BRN,CL5S,12,4,6,13,840,15,10,MNHVY,0.32288940000000,0.00000000000000
C3B1H2S2P1L2M3J2E2A1,BRN,CL5S,12,4,6,13,840,15,40,MEPDG,0.27002850000000,0.00000000000000
C3B1H2S2P1L2M3J2E2A2,BRN,CL5S,12,4,6,13,840,15,40,MNAVG,0.17392940000000,0.00000000000000
C3B1H2S2P1L2M3J2E2A3,BRN,CL5S,12,4,6,13,840,15,40,MNHVY,0.32288940000000,0.00000000000000
C3B1H2S2P2L1M1J1E1A1,BRN,CL5S,12,4,7,12,340,12,10,MEPDG,27.76775000000000,0.00743957200000
C3B1H2S2P2L1M1J1E1A2,BRN,CL5S,12,4,7,12,340,12,10,MNAVG,20.66208000000000,0.00155496600000
C3B1H2S2P2L1M1J1E1A3,BRN,CL5S,12,4,7,12,340,12,10,MNHVY,36.44248000000000,0.01455428000000
C3B1H2S2P2L1M1J1E2A1,BRN,CL5S,12,4,7,12,340,12,40,MEPDG,15.90068000000000,0.00000000000663
C3B1H2S2P2L1M1J1E2A2,BRN,CL5S,12,4,7,12,340,12,40,MNAVG,11.52617000000000,0.00000000000166
C3B1H2S2P2L1M1J1E2A3,BRN,CL5S,12,4,7,12,340,12,40,MNHVY,20.36409000000000,0.00000000001286
C3B1H2S2P2L1M1J2E1A1,BRN,CL5S,12,4,7,12,340,15,10,MEPDG,45.22679000000000,0.09847616000000
C3B1H2S2P2L1M1J2E1A2,BRN,CL5S,12,4,7,12,340,15,10,MNAVG,36.95895000000000,0.01899663000000
C3B1H2S2P2L1M1J2E1A3,BRN,CL5S,12,4,7,12,340,15,10,MNHVY,67.40819000000000,0.18611400000000
C3B1H2S2P2L1M1J2E2A1,BRN,CL5S,12,4,7,12,340,15,40,MEPDG,27.62930000000000,0.07995630000000
C3B1H2S2P2L1M1J2E2A2,BRN,CL5S,12,4,7,12,340,15,40,MNAVG,22.32904000000000,0.01393671000000
C3B1H2S2P2L1M1J2E2A3,BRN,CL5S,12,4,7,12,340,15,40,MNHVY,40.92030000000000,0.14332490000000
C3B1H2S2P2L1M2J1E1A1,BRN,CL5S,12,4,7,12,590,12,10,MEPDG,1.78082400000000,0.02493385000000
C3B1H2S2P2L1M2J1E1A2,BRN,CL5S,12,4,7,12,590,12,10,MNAVG,0.93350970000000,0.00313341900000
C3B1H2S2P2L1M2J1E1A3,BRN,CL5S,12,4,7,12,590,12,10,MNHVY,1.60259200000000,0.03646573000000
C3B1H2S2P2L1M2J1E2A1,BRN,CL5S,12,4,7,12,590,12,40,MEPDG,0.83697160000000,0.01223862000000
C3B1H2S2P2L1M2J1E2A2,BRN,CL5S,12,4,7,12,590,12,40,MNAVG,0.43563140000000,0.00142062000000
C3B1H2S2P2L1M2J1E2A3,BRN,CL5S,12,4,7,12,590,12,40,MNHVY,0.71613020000000,0.01682326000000
C3B1H2S2P2L1M2J2E1A1,BRN,CL5S,12,4,7,12,590,15,10,MEPDG,4.79790700000000,0.07021637000000
C3B1H2S2P2L1M2J2E1A2,BRN,CL5S,12,4,7,12,590,15,10,MNAVG,3.16404100000000,0.01308867000000
C3B1H2S2P2L1M2J2E1A3,BRN,CL5S,12,4,7,12,590,15,10,MNHVY,6.14477200000000,0.12794830000000
C3B1H2S2P2L1M2J2E2A1,BRN,CL5S,12,4,7,12,590,15,40,MEPDG,2.53251100000000,0.03480227000000
C3B1H2S2P2L1M2J2E2A2,BRN,CL5S,12,4,7,12,590,15,40,MNAVG,1.70265100000000,0.00635551300000
C3B1H2S2P2L1M2J2E2A3,BRN,CL5S,12,4,7,12,590,15,40,MNHVY,3.21207200000000,0.06254483000000
C3B1H2S2P2L1M3J1E1A1,BRN,CL5S,12,4,7,12,840,12,10,MEPDG,0.16936980000000,0.00000000000005
```

```
C3B1H2S2P2L1M3J1E1A2,BRN,CL5S,12,4,7,12,840,12,10,MNAVG,0.06325269000000,0.00000000000000
C3B1H2S2P2L1M3J1E1A3,BRN,CL5S,12,4,7,12,840,12,10,MNHVY,0.10108120000000,0.00000000000005
C3B1H2S2P2L1M3J1E2A1,BRN,CL5S,12,4,7,12,840,12,40,MEPDG,0.06721885000000,0.00006649412000
C3B1H2S2P2L1M3J1E2A2,BRN,CL5S,12,4,7,12,840,12,40,MNAVG,0.02566835000000,0.00000929276700
C3B1H2S2P2L1M3J1E2A3,BRN,CL5S,12,4,7,12,840,12,40,MNHVY,0.03776368000000,0.00010745480000
C3B1H2S2P2L1M3J2E1A1,BRN,CL5S,12,4,7,12,840,15,10,MEPDG,0.73594490000000,0.01434005000000
C3B1H2S2P2L1M3J2E1A2,BRN,CL5S,12,4,7,12,840,15,10,MNAVG,0.37733050000000,0.00244268800000
C3B1H2S2P2L1M3J2E1A3,BRN,CL5S,12,4,7,12,840,15,10,MNHVY,0.80978050000000,0.02537578000000
C3B1H2S2P2L1M3J2E2A1,BRN,CL5S,12,4,7,12,840,15,40,MEPDG,0.33498980000000,0.00577608600000
C3B1H2S2P2L1M3J2E2A2,BRN,CL5S,12,4,7,12,840,15,40,MNAVG,0.17895400000000,0.00096058490000
C3B1H2S2P2L1M3J2E2A3,BRN,CL5S,12,4,7,12,840,15,40,MNHVY,0.35967730000000,0.01002893000000
C3B1H2S2P2L2M1J1E1A1,BRN,CL5S,12,4,7,13,340,12,10,MEPDG,4.04861700000000,0.00000000000572
C3B1H2S2P2L2M1J1E1A2,BRN,CL5S,12,4,7,13,340,12,10,MNAVG,2.86794900000000,0.00000000000146
C3B1H2S2P2L2M1J1E1A3,BRN,CL5S,12,4,7,13,340,12,10,MNHVY,5.10762500000000,0.00000000001107
C3B1H2S2P2L2M1J1E2A1,BRN,CL5S,12,4,7,13,340,12,40,MEPDG,4.04861700000000,0.00000000000572
C3B1H2S2P2L2M1J1E2A2,BRN,CL5S,12,4,7,13,340,12,40,MNAVG,2.86794900000000,0.00000000000146
C3B1H2S2P2L2M1J1E2A3,BRN,CL5S,12,4,7,13,340,12,40,MNHVY,5.10762500000000,0.00000000001107
C3B1H2S2P2L2M1J2E1A1,BRN,CL5S,12,4,7,13,340,15,10,MEPDG,7.56922600000000,0.03685906000000
C3B1H2S2P2L2M1J2E1A2,BRN,CL5S,12,4,7,13,340,15,10,MNAVG,6.09715600000000,0.00685224700000
C3B1H2S2P2L2M1J2E1A3,BRN,CL5S,12,4,7,13,340,15,10,MNHVY,11.21536000000000,0.06722917000000
C3B1H2S2P2L2M1J2E2A1,BRN,CL5S,12,4,7,13,340,15,40,MEPDG,7.56922600000000,0.03685906000000
C3B1H2S2P2L2M1J2E2A2,BRN,CL5S,12,4,7,13,340,15,40,MNAVG,6.09715600000000,0.00685224700000
C3B1H2S2P2L2M1J2E2A3,BRN,CL5S,12,4,7,13,340,15,40,MNHVY,11.21536000000000,0.06722917000000
C3B1H2S2P2L2M2J1E1A1,BRN,CL5S,12,4,7,13,590,12,10,MEPDG,0.19386070000000,0.00464692700000
C3B1H2S2P2L2M2J1E1A2,BRN,CL5S,12,4,7,13,590,12,10,MNAVG,0.09852465000000,0.00056866580000
C3B1H2S2P2L2M2J1E1A3,BRN,CL5S,12,4,7,13,590,12,10,MNHVY,0.16225360000000,0.00658270400000
C3B1H2S2P2L2M2J1E2A1,BRN,CL5S,12,4,7,13,590,12,40,MEPDG,0.19386070000000,0.00464692700000
C3B1H2S2P2L2M2J1E2A2,BRN,CL5S,12,4,7,13,590,12,40,MNAVG,0.09852465000000,0.00056866580000
C3B1H2S2P2L2M2J1E2A3,BRN,CL5S,12,4,7,13,590,12,40,MNHVY,0.16225360000000,0.00658270400000
C3B1H2S2P2L2M2J2E1A1,BRN,CL5S,12,4,7,13,590,15,10,MEPDG,0.65193500000000,0.01602178000000
C3B1H2S2P2L2M2J2E1A2,BRN,CL5S,12,4,7,13,590,15,10,MNAVG,0.43889660000000,0.00307412200000
C3B1H2S2P2L2M2J2E1A3,BRN,CL5S,12,4,7,13,590,15,10,MNHVY,0.82954340000000,0.02929691000000
C3B1H2S2P2L2M2J2E2A1,BRN,CL5S,12,4,7,13,590,15,40,MEPDG,0.65193500000000,0.01602178000000
C3B1H2S2P2L2M2J2E2A2,BRN,CL5S,12,4,7,13,590,15,40,MNAVG,0.43889660000000,0.00307412200000
C3B1H2S2P2L2M2J2E2A3,BRN,CL5S,12,4,7,13,590,15,40,MNHVY,0.82954340000000,0.02929691000000
C3B1H2S2P2L2M3J1E1A1,BRN,CL5S,12,4,7,13,840,12,10,MEPDG,0.01433946000000,0.00011514040000
C3B1H2S2P2L2M3J1E1A2,BRN,CL5S,12,4,7,13,840,12,10,MNAVG,0.00538848400000,0.00001499563000
C3B1H2S2P2L2M3J1E1A3,BRN,CL5S,12,4,7,13,840,12,10,MNHVY,0.00783184600000,0.00017398160000
C3B1H2S2P2L2M3J1E2A1,BRN,CL5S,12,4,7,13,840,12,40,MEPDG,0.01433946000000,0.00011514040000
C3B1H2S2P2L2M3J1E2A2,BRN,CL5S,12,4,7,13,840,12,40,MNAVG,0.00538848400000,0.00001499563000
C3B1H2S2P2L2M3J1E2A3,BRN,CL5S,12,4,7,13,840,12,40,MNHVY,0.00783184600000,0.00017398160000
C3B1H2S2P2L2M3J2E1A1,BRN,CL5S,12,4,7,13,840,15,10,MEPDG,0.08077033000000,0.00249735400000
C3B1H2S2P2L2M3J2E1A2,BRN,CL5S,12,4,7,13,840,15,10,MNAVG,0.04317068000000,0.00043042140000
C3B1H2S2P2L2M3J2E1A3,BRN,CL5S,12,4,7,13,840,15,10,MNHVY,0.08668106000000,0.00440675800000
C3B1H2S2P2L2M3J2E2A1,BRN,CL5S,12,4,7,13,840,15,40,MEPDG,0.08077033000000,0.00249735400000
C3B1H2S2P2L2M3J2E2A2,BRN,CL5S,12,4,7,13,840,15,40,MNAVG,0.04317068000000,0.00043042140000
C3B1H2S2P2L2M3J2E2A3,BRN,CL5S,12,4,7,13,840,15,40,MNHVY,0.08668106000000,0.00440675800000
C3B1H2S2P3L1M1J1E1A1,BRN,CL5S,12,4,8,12,340,12,10,MEPDG,10.34138000000000,0.18751670000000
C3B1H2S2P3L1M1J1E1A2,BRN,CL5S,12,4,8,12,340,12,10,MNAVG,6.52011800000000,0.02756249000000
C3B1H2S2P3L1M1J1E1A3,BRN,CL5S,12,4,8,12,340,12,10,MNHVY,11.57185000000000,0.31258230000000
```

```
C3B1H2S2P3L1M1J1E2A1,BRN,CL5S,12,4,8,12,340,12,40,MEPDG,5.41329400000000,0.09548724000000
C3B1H2S2P3L1M1J1E2A2,BRN,CL5S,12,4,8,12,340,12,40,MNAVG,3.38560200000000,0.01331401000000
C3B1H2S2P3L1M1J1E2A3,BRN,CL5S,12,4,8,12,340,12,40,MNHVY,5.83910900000000,0.15269940000000
C3B1H2S2P3L1M1J2E1A1,BRN,CL5S,12,4,8,12,340,15,10,MEPDG,22.3165600000000,0.33958370000000
C3B1H2S2P3L1M1J2E1A2,BRN,CL5S,12,4,8,12,340,15,10,MNAVG,16.5320400000000,0.06526632000000
C3B1H2S2P3L1M1J2E1A3,BRN,CL5S,12,4,8,12,340,15,10,MNHVY,31.3956900000000,0.64033030000000
C3B1H2S2P3L1M1J2E2A1,BRN,CL5S,12,4,8,12,340,15,40,MEPDG,12.8347200000000,0.18276950000000
C3B1H2S2P3L1M1J2E2A2,BRN,CL5S,12,4,8,12,340,15,40,MNAVG,9.61400300000000,0.03451012000000
C3B1H2S2P3L1M1J2E2A3,BRN,CL5S,12,4,8,12,340,15,40,MNHVY,17.9242700000000,0.34081980000000
C3B1H2S2P3L1M2J1E1A1,BRN,CL5S,12,4,8,12,590,12,10,MEPDG,0.38989140000000,0.01675300000000
C3B1H2S2P3L1M2J1E1A2,BRN,CL5S,12,4,8,12,590,12,10,MNAVG,0.15107240000000,0.00224500900000
C3B1H2S2P3L1M2J1E1A3,BRN,CL5S,12,4,8,12,590,12,10,MNHVY,0.24888090000000,0.02595923000000
C3B1H2S2P3L1M2J1E2A1,BRN,CL5S,12,4,8,12,590,12,40,MEPDG,0.16056060000000,0.00847426900000
C3B1H2S2P3L1M2J1E2A2,BRN,CL5S,12,4,8,12,590,12,40,MNAVG,0.06377935000000,0.00102973600000
C3B1H2S2P3L1M2J1E2A3,BRN,CL5S,12,4,8,12,590,12,40,MNHVY,0.09639357000000,0.01219654000000
C3B1H2S2P3L1M2J2E1A1,BRN,CL5S,12,4,8,12,590,15,10,MEPDG,1.59724600000000,0.07366181000000
C3B1H2S2P3L1M2J2E1A2,BRN,CL5S,12,4,8,12,590,15,10,MNAVG,0.85131660000000,0.01409310000000
C3B1H2S2P3L1M2J2E1A3,BRN,CL5S,12,4,8,12,590,15,10,MNHVY,1.77826300000000,0.13851610000000
C3B1H2S2P3L1M2J2E2A1,BRN,CL5S,12,4,8,12,590,15,40,MEPDG,0.75361820000000,0.03777963000000
C3B1H2S2P3L1M2J2E2A2,BRN,CL5S,12,4,8,12,590,15,40,MNAVG,0.41946760000000,0.00707037900000
C3B1H2S2P3L1M2J2E2A3,BRN,CL5S,12,4,8,12,590,15,40,MNHVY,0.82051870000000,0.06983840000000
C3B1H2S2P3L1M3J1E1A1,BRN,CL5S,12,4,8,12,840,12,10,MEPDG,0.02409101000000,0.00094425840000
C3B1H2S2P3L1M3J1E1A2,BRN,CL5S,12,4,8,12,840,12,10,MNAVG,0.00663351100000,0.00011487300000
C3B1H2S2P3L1M3J1E1A3,BRN,CL5S,12,4,8,12,840,12,10,MNHVY,0.00924550300000,0.00138194600000
C3B1H2S2P3L1M3J1E2A1,BRN,CL5S,12,4,8,12,840,12,40,MEPDG,0.00802947400000,0.00007552539000
C3B1H2S2P3L1M3J1E2A2,BRN,CL5S,12,4,8,12,840,12,40,MNAVG,0.00239310300000,0.00001037006000
C3B1H2S2P3L1M3J1E2A3,BRN,CL5S,12,4,8,12,840,12,40,MNHVY,0.00295348200000,0.00012211510000
C3B1H2S2P3L1M3J2E1A1,BRN,CL5S,12,4,8,12,840,15,10,MEPDG,0.16041960000000,0.00862275800000
C3B1H2S2P3L1M3J2E1A2,BRN,CL5S,12,4,8,12,840,15,10,MNAVG,0.05975579000000,0.00148433400000
C3B1H2S2P3L1M3J2E1A3,BRN,CL5S,12,4,8,12,840,15,10,MNHVY,0.13402230000000,0.01582895000000
C3B1H2S2P3L1M3J2E2A1,BRN,CL5S,12,4,8,12,840,15,40,MEPDG,0.06280574000000,0.00384670100000
C3B1H2S2P3L1M3J2E2A2,BRN,CL5S,12,4,8,12,840,15,40,MNAVG,0.02512028000000,0.00062925190000
C3B1H2S2P3L1M3J2E2A3,BRN,CL5S,12,4,8,12,840,15,40,MNHVY,0.05011893000000,0.00680668200000
C3B1H2S2P3L2M1J1E1A1,BRN,CL5S,12,4,8,13,340,12,10,MEPDG,1.32566300000000,0.03891506000000
C3B1H2S2P3L2M1J1E1A2,BRN,CL5S,12,4,8,13,340,12,10,MNAVG,0.81054430000000,0.00562462800000
C3B1H2S2P3L2M1J1E1A3,BRN,CL5S,12,4,8,13,340,12,10,MNHVY,1.39944300000000,0.06344257000000
C3B1H2S2P3L2M1J1E2A1,BRN,CL5S,12,4,8,13,340,12,40,MEPDG,1.32566300000000,0.03891506000000
C3B1H2S2P3L2M1J1E2A2,BRN,CL5S,12,4,8,13,340,12,40,MNAVG,0.81054430000000,0.00562462800000
C3B1H2S2P3L2M1J1E2A3,BRN,CL5S,12,4,8,13,340,12,40,MNHVY,1.39944300000000,0.06344257000000
C3B1H2S2P3L2M1J2E1A1,BRN,CL5S,12,4,8,13,340,15,10,MEPDG,3.47211300000000,0.09100802000000
C3B1H2S2P3L2M1J2E1A2,BRN,CL5S,12,4,8,13,340,15,10,MNAVG,2.60552700000000,0.01814512000000
C3B1H2S2P3L2M1J2E1A3,BRN,CL5S,12,4,8,13,340,15,10,MNHVY,4.85319700000000,0.17186180000000
C3B1H2S2P3L2M1J2E2A1,BRN,CL5S,12,4,8,13,340,15,40,MEPDG,3.47211300000000,0.09100802000000
C3B1H2S2P3L2M1J2E2A2,BRN,CL5S,12,4,8,13,340,15,40,MNAVG,2.60552700000000,0.01814512000000
C3B1H2S2P3L2M1J2E2A3,BRN,CL5S,12,4,8,13,340,15,40,MNHVY,4.85319700000000,0.17186180000000
C3B1H2S2P3L2M2J1E1A1,BRN,CL5S,12,4,8,13,590,12,10,MEPDG,0.03498610000000,0.00339959700000
C3B1H2S2P3L2M2J1E1A2,BRN,CL5S,12,4,8,13,590,12,10,MNAVG,0.01369305000000,0.00043330260000
C3B1H2S2P3L2M2J1E1A3,BRN,CL5S,12,4,8,13,590,12,10,MNHVY,0.02039745000000,0.00502167300000
C3B1H2S2P3L2M2J1E2A1,BRN,CL5S,12,4,8,13,590,12,40,MEPDG,0.03498610000000,0.00339959700000
C3B1H2S2P3L2M2J1E2A2,BRN,CL5S,12,4,8,13,590,12,40,MNAVG,0.01369305000000,0.00043330260000
```

```
C3B1H2S2P3L2M2J1E2A3,BRN,CL5S,12,4,8,13,590,12,40,MNHVY,0.02039745000000,0.00502167300000
C3B1H2S2P3L2M2J2E1A1,BRN,CL5S,12,4,8,13,590,15,10,MEPDG,0.18594790000000,0.01824564000000
C3B1H2S2P3L2M2J2E1A2,BRN,CL5S,12,4,8,13,590,15,10,MNAVG,0.10380240000000,0.00355340600000
C3B1H2S2P3L2M2J2E1A3,BRN,CL5S,12,4,8,13,590,15,10,MNHVY,0.20216090000000,0.03424991000000
C3B1H2S2P3L2M2J2E2A1,BRN,CL5S,12,4,8,13,590,15,40,MEPDG,0.18594790000000,0.01824564000000
C3B1H2S2P3L2M2J2E2A2,BRN,CL5S,12,4,8,13,590,15,40,MNAVG,0.10380240000000,0.00355340600000
C3B1H2S2P3L2M2J2E2A3,BRN,CL5S,12,4,8,13,590,15,40,MNHVY,0.20216090000000,0.03424991000000
C3B1H2S2P3L2M3J1E1A1,BRN,CL5S,12,4,8,13,840,12,10,MEPDG,0.00160446600000,0.00008529451000
C3B1H2S2P3L2M3J1E1A2,BRN,CL5S,12,4,8,13,840,12,10,MNAVG,0.00048167570000,0.00001106141000
C3B1H2S2P3L2M3J1E1A3,BRN,CL5S,12,4,8,13,840,12,10,MNHVY,0.00058377200000,0.00013073320000
C3B1H2S2P3L2M3J1E2A1,BRN,CL5S,12,4,8,13,840,12,40,MEPDG,0.00160446600000,0.00008529451000
C3B1H2S2P3L2M3J1E2A2,BRN,CL5S,12,4,8,13,840,12,40,MNAVG,0.00048167570000,0.00001106141000
C3B1H2S2P3L2M3J1E2A3,BRN,CL5S,12,4,8,13,840,12,40,MNHVY,0.00058377200000,0.00013073320000
C3B1H2S2P3L2M3J2E1A1,BRN,CL5S,12,4,8,13,840,15,10,MEPDG,0.01412844000000,0.00173838800000
C3B1H2S2P3L2M3J2E1A2,BRN,CL5S,12,4,8,13,840,15,10,MNAVG,0.00566749500000,0.00029614920000
C3B1H2S2P3L2M3J2E1A3,BRN,CL5S,12,4,8,13,840,15,10,MNHVY,0.01115367000000,0.00313455700000
C3B1H2S2P3L2M3J2E2A1,BRN,CL5S,12,4,8,13,840,15,40,MEPDG,0.01412844000000,0.00173838800000
C3B1H2S2P3L2M3J2E2A2,BRN,CL5S,12,4,8,13,840,15,40,MNAVG,0.00566749500000,0.00029614920000
C3B1H2S2P3L2M3J2E2A3,BRN,CL5S,12,4,8,13,840,15,40,MNHVY,0.01115367000000,0.00313455700000
C3B1H2S2P4L1M1J1E1A1,BRN,CL5S,12,4,9,12,340,12,10,MEPDG,3.35317400000000,0.18274410000000
C3B1H2S2P4L1M1J1E1A2,BRN,CL5S,12,4,9,12,340,12,10,MNAVG,1.69223800000000,0.02759182000000
C3B1H2S2P4L1M1J1E1A3,BRN,CL5S,12,4,9,12,340,12,10,MNHVY,2.98241400000000,0.31438250000000
C3B1H2S2P4L1M1J1E2A1,BRN,CL5S,12,4,9,12,340,12,40,MEPDG,1.58536000000000,0.09955935000000
C3B1H2S2P4L1M1J1E2A2,BRN,CL5S,12,4,9,12,340,12,40,MNAVG,0.80763560000000,0.01417386000000
C3B1H2S2P4L1M1J1E2A3,BRN,CL5S,12,4,9,12,340,12,40,MNHVY,1.33819000000000,0.16379300000000
C3B1H2S2P4L1M1J2E1A1,BRN,CL5S,12,4,9,12,340,15,10,MEPDG,9.69306200000000,0.48746970000000
C3B1H2S2P4L1M1J2E1A2,BRN,CL5S,12,4,9,12,340,15,10,MNAVG,6.24459500000000,0.09556275000000
C3B1H2S2P4L1M1J2E1A3,BRN,CL5S,12,4,9,12,340,15,10,MNHVY,12.44558000000000,0.93919340000000
C3B1H2S2P4L1M1J2E2A1,BRN,CL5S,12,4,9,12,340,15,40,MEPDG,5.18109400000000,0.26338100000000
C3B1H2S2P4L1M1J2E2A2,BRN,CL5S,12,4,9,12,340,15,40,MNAVG,3.44675000000000,0.05052074000000
C3B1H2S2P4L1M1J2E2A3,BRN,CL5S,12,4,9,12,340,15,40,MNHVY,6.58524500000000,0.50057570000000
C3B1H2S2P4L1M2J1E1A1,BRN,CL5S,12,4,9,12,590,12,10,MEPDG,0.07215770000000,0.00943408300000
C3B1H2S2P4L1M2J1E1A2,BRN,CL5S,12,4,9,12,590,12,10,MNAVG,0.02073412000000,0.00127208700000
C3B1H2S2P4L1M2J1E1A3,BRN,CL5S,12,4,9,12,590,12,10,MNHVY,0.03030780000000,0.01504441000000
C3B1H2S2P4L1M2J1E2A1,BRN,CL5S,12,4,9,12,590,12,40,MEPDG,0.02558796000000,0.00474931100000
C3B1H2S2P4L1M2J1E2A2,BRN,CL5S,12,4,9,12,590,12,40,MNAVG,0.00787672200000,0.00059366360000
C3B1H2S2P4L1M2J1E2A3,BRN,CL5S,12,4,9,12,590,12,40,MNHVY,0.01020104000000,0.00710738800000
C3B1H2S2P4L1M2J2E1A1,BRN,CL5S,12,4,9,12,590,15,10,MEPDG,0.42462270000000,0.05141772000000
C3B1H2S2P4L1M2J2E1A2,BRN,CL5S,12,4,9,12,590,15,10,MNAVG,0.17318140000000,0.00955586800000
C3B1H2S2P4L1M2J2E1A3,BRN,CL5S,12,4,9,12,590,15,10,MNHVY,0.37775930000000,0.09838267000000
C3B1H2S2P4L1M2J2E2A1,BRN,CL5S,12,4,9,12,590,15,40,MEPDG,0.17714610000000,0.02631959000000
C3B1H2S2P4L1M2J2E2A2,BRN,CL5S,12,4,9,12,590,15,40,MNAVG,0.07705119000000,0.00478218400000
C3B1H2S2P4L1M2J2E2A3,BRN,CL5S,12,4,9,12,590,15,40,MNHVY,0.15165160000000,0.04927910000000
C3B1H2S2P4L1M3J1E1A1,BRN,CL5S,12,4,9,12,840,12,10,MEPDG,0.00282421500000,0.00014965240000
C3B1H2S2P4L1M3J1E1A2,BRN,CL5S,12,4,9,12,840,12,10,MNAVG,0.00065152870000,0.00001958410000
C3B1H2S2P4L1M3J1E1A3,BRN,CL5S,12,4,9,12,840,12,10,MNHVY,0.00070846400000,0.00023849150000
C3B1H2S2P4L1M3J1E2A1,BRN,CL5S,12,4,9,12,840,12,40,MEPDG,0.00078127540000,0.00000131223300
C3B1H2S2P4L1M3J1E2A2,BRN,CL5S,12,4,9,12,840,12,40,MNAVG,0.00020998330000,0.00000017503080
C3B1H2S2P4L1M3J1E2A3,BRN,CL5S,12,4,9,12,840,12,40,MNHVY,0.00020101020000,0.00000213777300
C3B1H2S2P4L1M3J2E1A1,BRN,CL5S,12,4,9,12,840,15,10,MEPDG,0.02639518000000,0.00404224900000
```

```
C3B1H2S2P4L1M3J2E1A2,BRN,CL5S,12,4,9,12,840,15,10,MNAVG,0.00700159100000,0.00065914140000
C3B1H2S2P4L1M3J2E1A3,BRN,CL5S,12,4,9,12,840,15,10,MNHVY,0.01501691000000,0.00739485200000
C3B1H2S2P4L1M3J2E2A1,BRN,CL5S,12,4,9,12,840,15,40,MEPDG,0.00886556100000,0.00196526100000
C3B1H2S2P4L1M3J2E2A2,BRN,CL5S,12,4,9,12,840,15,40,MNAVG,0.00262104000000,0.00030929370000
C3B1H2S2P4L1M3J2E2A3,BRN,CL5S,12,4,9,12,840,15,40,MNHVY,0.00481072700000,0.00349243200000
C3B1H2S2P4L2M1J1E1A1,BRN,CL5S,12,4,9,13,340,12,10,MEPDG,0.37054400000000,0.04352454000000
C3B1H2S2P4L2M1J1E1A2,BRN,CL5S,12,4,9,13,340,12,10,MNAVG,0.18489660000000,0.00648428500000
C3B1H2S2P4L2M1J1E1A3,BRN,CL5S,12,4,9,13,340,12,10,MNHVY,0.30373240000000,0.07303213000000
C3B1H2S2P4L2M1J1E2A1,BRN,CL5S,12,4,9,13,340,12,40,MEPDG,0.37054400000000,0.04352454000000
C3B1H2S2P4L2M1J1E2A2,BRN,CL5S,12,4,9,13,340,12,40,MNAVG,0.18489660000000,0.00648428500000
C3B1H2S2P4L2M1J1E2A3,BRN,CL5S,12,4,9,13,340,12,40,MNHVY,0.30373240000000,0.07303213000000
C3B1H2S2P4L2M1J2E1A1,BRN,CL5S,12,4,9,13,340,15,10,MEPDG,1.37079400000000,0.13574800000000
C3B1H2S2P4L2M1J2E1A2,BRN,CL5S,12,4,9,13,340,15,10,MNAVG,0.91872530000000,0.02721885000000
C3B1H2S2P4L2M1J2E1A3,BRN,CL5S,12,4,9,13,340,15,10,MNHVY,1.74666700000000,0.26049860000000
C3B1H2S2P4L2M1J2E2A1,BRN,CL5S,12,4,9,13,340,15,40,MEPDG,1.37079400000000,0.13574800000000
C3B1H2S2P4L2M1J2E2A2,BRN,CL5S,12,4,9,13,340,15,40,MNAVG,0.91872530000000,0.02721885000000
C3B1H2S2P4L2M1J2E2A3,BRN,CL5S,12,4,9,13,340,15,40,MNHVY,1.74666700000000,0.26049860000000
C3B1H2S2P4L2M2J1E1A1,BRN,CL5S,12,4,9,13,590,12,10,MEPDG,0.00520547000000,0.00194896100000
C3B1H2S2P4L2M2J1E1A2,BRN,CL5S,12,4,9,13,590,12,10,MNAVG,0.00160859300000,0.00025267560000
C3B1H2S2P4L2M2J1E1A3,BRN,CL5S,12,4,9,13,590,12,10,MNHVY,0.00201931900000,0.00297256400000
C3B1H2S2P4L2M2J1E2A1,BRN,CL5S,12,4,9,13,590,12,40,MEPDG,0.00520547000000,0.00194896100000
C3B1H2S2P4L2M2J1E2A2,BRN,CL5S,12,4,9,13,590,12,40,MNAVG,0.00160859300000,0.00025267560000
C3B1H2S2P4L2M2J1E2A3,BRN,CL5S,12,4,9,13,590,12,40,MNHVY,0.00201931900000,0.00297256400000
C3B1H2S2P4L2M2J2E1A1,BRN,CL5S,12,4,9,13,590,15,10,MEPDG,0.04164003000000,0.01304293000000
C3B1H2S2P4L2M2J2E1A2,BRN,CL5S,12,4,9,13,590,15,10,MNAVG,0.01834740000000,0.00246017800000
C3B1H2S2P4L2M2J2E1A3,BRN,CL5S,12,4,9,13,590,15,10,MNHVY,0.03583404000000,0.02478678000000
C3B1H2S2P4L2M2J2E2A1,BRN,CL5S,12,4,9,13,590,15,40,MEPDG,0.04164003000000,0.01304293000000
C3B1H2S2P4L2M2J2E2A2,BRN,CL5S,12,4,9,13,590,15,40,MNAVG,0.01834740000000,0.00246017800000
C3B1H2S2P4L2M2J2E2A3,BRN,CL5S,12,4,9,13,590,15,40,MNHVY,0.03583404000000,0.02478678000000
C3B1H2S2P4L2M3J1E1A1,BRN,CL5S,12,4,9,13,840,12,10,MEPDG,0.00014219690000,0.00003334300000
C3B1H2S2P4L2M3J1E1A2,BRN,CL5S,12,4,9,13,840,12,10,MNAVG,0.00003954567000,0.00000413105400
C3B1H2S2P4L2M3J1E1A3,BRN,CL5S,12,4,9,13,840,12,10,MNHVY,0.00003648043000,0.00005048361000
C3B1H2S2P4L2M3J1E2A1,BRN,CL5S,12,4,9,13,840,12,40,MEPDG,0.00014219690000,0.00003334300000
C3B1H2S2P4L2M3J1E2A2,BRN,CL5S,12,4,9,13,840,12,40,MNAVG,0.00003954567000,0.00000413105400
C3B1H2S2P4L2M3J1E2A3,BRN,CL5S,12,4,9,13,840,12,40,MNHVY,0.00003648043000,0.00005048361000
C3B1H2S2P4L2M3J2E1A1,BRN,CL5S,12,4,9,13,840,15,10,MEPDG,0.00187468400000,0.00088523530000
C3B1H2S2P4L2M3J2E1A2,BRN,CL5S,12,4,9,13,840,15,10,MNAVG,0.00055947050000,0.00014423990000
C3B1H2S2P4L2M3J2E1A3,BRN,CL5S,12,4,9,13,840,15,10,MNHVY,0.00102206400000,0.00159872000000
C3B1H2S2P4L2M3J2E2A1,BRN,CL5S,12,4,9,13,840,15,40,MEPDG,0.00187468400000,0.00088523530000
C3B1H2S2P4L2M3J2E2A2,BRN,CL5S,12,4,9,13,840,15,40,MNAVG,0.00055947050000,0.00014423990000
C3B1H2S2P4L2M3J2E2A3,BRN,CL5S,12,4,9,13,840,15,40,MNHVY,0.00102206400000,0.00159872000000
C3B1H2S2P5L1M1J1E1A1,BRN,CL5S,12,4,10,12,340,12,10,MEPDG,0.95538970000000,0.14113630000000
C3B1H2S2P5L1M1J1E1A2,BRN,CL5S,12,4,10,12,340,12,10,MNAVG,0.37026190000000,0.02131468000000
C3B1H2S2P5L1M1J1E1A3,BRN,CL5S,12,4,10,12,340,12,10,MNHVY,0.62466320000000,0.24734000000000
C3B1H2S2P5L1M1J1E2A1,BRN,CL5S,12,4,10,12,340,12,40,MEPDG,0.40443390000000,0.07699201000000
C3B1H2S2P5L1M1J1E2A2,BRN,CL5S,12,4,10,12,340,12,40,MNAVG,0.16137250000000,0.01104236000000
C3B1H2S2P5L1M1J1E2A3,BRN,CL5S,12,4,10,12,340,12,40,MNHVY,0.24753820000000,0.12952250000000
C3B1H2S2P5L1M1J2E1A1,BRN,CL5S,12,4,10,12,340,15,10,MEPDG,3.57486300000000,0.45416860000000
C3B1H2S2P5L1M1J2E1A2,BRN,CL5S,12,4,10,12,340,15,10,MNAVG,1.91414000000000,0.08689787000000
C3B1H2S2P5L1M1J2E1A3,BRN,CL5S,12,4,10,12,340,15,10,MNHVY,3.94962600000000,0.88211200000000
```

```
C3B1H2S2P5L1M1J2E2A1,BRN,CL5S,12,4,10,12,340,15,40,MEPDG,1.75355500000000,0.25957140000000
C3B1H2S2P5L1M1J2E2A2,BRN,CL5S,12,4,10,12,340,15,40,MNAVG,0.98905070000000,0.04912265000000
C3B1H2S2P5L1M1J2E2A3,BRN,CL5S,12,4,10,12,340,15,40,MNHVY,1.90873400000000,0.49754730000000
C3B1H2S2P5L1M2J1E1A1,BRN,CL5S,12,4,10,12,590,12,10,MEPDG,0.01199265000000,0.00390477100000
C3B1H2S2P5L1M2J1E1A2,BRN,CL5S,12,4,10,12,590,12,10,MNAVG,0.00279332500000,0.00048259690000
C3B1H2S2P5L1M2J1E1A3,BRN,CL5S,12,4,10,12,590,12,10,MNHVY,0.00341590800000,0.00598817200000
C3B1H2S2P5L1M2J1E2A1,BRN,CL5S,12,4,10,12,590,12,40,MEPDG,0.00365140000000,0.00216440600000
C3B1H2S2P5L1M2J1E2A2,BRN,CL5S,12,4,10,12,590,12,40,MNAVG,0.00097019710000,0.00025515710000
C3B1H2S2P5L1M2J1E2A3,BRN,CL5S,12,4,10,12,590,12,40,MNHVY,0.00103842400000,0.00318209200000
C3B1H2S2P5L1M2J2E1A1,BRN,CL5S,12,4,10,12,590,15,10,MEPDG,0.08821210000000,0.02934192000000
C3B1H2S2P5L1M2J2E1A2,BRN,CL5S,12,4,10,12,590,15,10,MNAVG,0.02639714000000,0.00509787000000
C3B1H2S2P5L1M2J2E1A3,BRN,CL5S,12,4,10,12,590,15,10,MNHVY,0.05539337000000,0.05591743000000
C3B1H2S2P5L1M2J2E2A1,BRN,CL5S,12,4,10,12,590,15,40,MEPDG,0.03234040000000,0.01552180000000
C3B1H2S2P5L1M2J2E2A2,BRN,CL5S,12,4,10,12,590,15,40,MNAVG,0.01067153000000,0.00264544600000
C3B1H2S2P5L1M2J2E2A3,BRN,CL5S,12,4,10,12,590,15,40,MNHVY,0.01954184000000,0.02900875000000
C3B1H2S2P5L1M3J1E1A1,BRN,CL5S,12,4,10,12,840,12,10,MEPDG,0.00033766000000,0.00001215756000
C3B1H2S2P5L1M3J1E1A2,BRN,CL5S,12,4,10,12,840,12,10,MNAVG,0.00007165154000,0.00000146289600
C3B1H2S2P5L1M3J1E1A3,BRN,CL5S,12,4,10,12,840,12,10,MNHVY,0.00006328728000,0.00001928802000
C3B1H2S2P5L1M3J1E2A1,BRN,CL5S,12,4,10,12,840,12,40,MEPDG,0.00007901390000,0.00000861671900
C3B1H2S2P5L1M3J1E2A2,BRN,CL5S,12,4,10,12,840,12,40,MNAVG,0.00002072813000,0.00000097397980
C3B1H2S2P5L1M3J1E2A3,BRN,CL5S,12,4,10,12,840,12,40,MNHVY,0.00001631384000,0.00001277178000
C3B1H2S2P5L1M3J2E1A1,BRN,CL5S,12,4,10,12,840,15,10,MEPDG,0.00339122200000,0.00164659900000
C3B1H2S2P5L1M3J2E1A2,BRN,CL5S,12,4,10,12,840,15,10,MNAVG,0.00068124640000,0.00024365540000
C3B1H2S2P5L1M3J2E1A3,BRN,CL5S,12,4,10,12,840,15,10,MNHVY,0.00117428400000,0.00292286700000
C3B1H2S2P5L1M3J2E2A1,BRN,CL5S,12,4,10,12,840,15,40,MEPDG,0.00099091510000,0.00003783225000
C3B1H2S2P5L1M3J2E2A2,BRN,CL5S,12,4,10,12,840,15,40,MNAVG,0.00023204490000,0.00000602366700
C3B1H2S2P5L1M3J2E2A3,BRN,CL5S,12,4,10,12,840,15,40,MNHVY,0.00034480110000,0.00007077061000
C3B1H2S2P5L2M1J1E1A1,BRN,CL5S,12,4,10,13,340,12,10,MEPDG,0.08966257000000,0.03501010000000
C3B1H2S2P5L2M1J1E1A2,BRN,CL5S,12,4,10,13,340,12,10,MNAVG,0.03526159000000,0.00520569000000
C3B1H2S2P5L2M1J1E1A3,BRN,CL5S,12,4,10,13,340,12,10,MNHVY,0.05296326000000,0.05975511000000
C3B1H2S2P5L2M1J1E2A1,BRN,CL5S,12,4,10,13,340,12,40,MEPDG,0.08966257000000,0.03501010000000
C3B1H2S2P5L2M1J1E2A2,BRN,CL5S,12,4,10,13,340,12,40,MNAVG,0.03526159000000,0.00520569000000
C3B1H2S2P5L2M1J1E2A3,BRN,CL5S,12,4,10,13,340,12,40,MNHVY,0.05296326000000,0.05975511000000
C3B1H2S2P5L2M1J2E1A1,BRN,CL5S,12,4,10,13,340,15,10,MEPDG,0.44170600000000,0.13922050000000
C3B1H2S2P5L2M1J2E1A2,BRN,CL5S,12,4,10,13,340,15,10,MNAVG,0.25077300000000,0.02741541000000
C3B1H2S2P5L2M1J2E1A3,BRN,CL5S,12,4,10,13,340,15,10,MNHVY,0.47869720000000,0.26966050000000
C3B1H2S2P5L2M1J2E2A1,BRN,CL5S,12,4,10,13,340,15,40,MEPDG,0.44170600000000,0.13922050000000
C3B1H2S2P5L2M1J2E2A2,BRN,CL5S,12,4,10,13,340,15,40,MNAVG,0.25077300000000,0.02741541000000
C3B1H2S2P5L2M1J2E2A3,BRN,CL5S,12,4,10,13,340,15,40,MNHVY,0.47869720000000,0.26966050000000
C3B1H2S2P5L2M2J1E1A1,BRN,CL5S,12,4,10,13,590,12,10,MEPDG,0.00069372360000,0.00092577990000
C3B1H2S2P5L2M2J1E1A2,BRN,CL5S,12,4,10,13,590,12,10,MNAVG,0.00018963320000,0.00011345220000
C3B1H2S2P5L2M2J1E1A3,BRN,CL5S,12,4,10,13,590,12,10,MNHVY,0.00019521290000,0.00139003700000
C3B1H2S2P5L2M2J1E2A1,BRN,CL5S,12,4,10,13,590,12,40,MEPDG,0.00069372360000,0.00092577990000
C3B1H2S2P5L2M2J1E2A2,BRN,CL5S,12,4,10,13,590,12,40,MNAVG,0.00018963320000,0.00011345220000
C3B1H2S2P5L2M2J1E2A3,BRN,CL5S,12,4,10,13,590,12,40,MNHVY,0.00019521290000,0.00139003700000
C3B1H2S2P5L2M2J2E1A1,BRN,CL5S,12,4,10,13,590,15,10,MEPDG,0.00699798600000,0.00777318900000
C3B1H2S2P5L2M2J2E1A2,BRN,CL5S,12,4,10,13,590,15,10,MNAVG,0.00233820100000,0.00137249500000
C3B1H2S2P5L2M2J2E1A3,BRN,CL5S,12,4,10,13,590,15,10,MNHVY,0.00415712800000,0.01472334000000
C3B1H2S2P5L2M2J2E2A1,BRN,CL5S,12,4,10,13,590,15,40,MEPDG,0.00699798600000,0.00777318900000
C3B1H2S2P5L2M2J2E2A2,BRN,CL5S,12,4,10,13,590,15,40,MNAVG,0.00233820100000,0.00137249500000
```

```
C3B1H2S2P5L2M2J2E2A3,BRN,CL5S,12,4,10,13,590,15,40,MNHVY,0.00415712800000,0.01472334000000
C3B1H2S2P5L2M3J1E1A1,BRN,CL5S,12,4,10,13,840,12,10,MEPDG,0.00001338121000,0.00000430630600
C3B1H2S2P5L2M3J1E1A2,BRN,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000369627900,0.00000048634480
C3B1H2S2P5L2M3J1E1A3,BRN,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000280974300,0.00000636509100
C3B1H2S2P5L2M3J1E2A1,BRN,CL5S,12,4,10,13,840,12,40,MEPDG,0.00001338121000,0.00000430630600
C3B1H2S2P5L2M3J1E2A2,BRN,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000369627900,0.00000048634480
C3B1H2S2P5L2M3J1E2A3,BRN,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000280974300,0.00000636509100
C3B1H2S2P5L2M3J2E1A1,BRN,CL5S,12,4,10,13,840,15,10,MEPDG,0.00019108660000,0.00037774290000
C3B1H2S2P5L2M3J2E1A2,BRN,CL5S,12,4,10,13,840,15,10,MNAVG,0.00004621343000,0.00005734183000
C3B1H2S2P5L2M3J2E1A3,BRN,CL5S,12,4,10,13,840,15,10,MNHVY,0.00006599176000,0.00067453500000
C3B1H2S2P5L2M3J2E2A1,BRN,CL5S,12,4,10,13,840,15,40,MEPDG,0.00019108660000,0.00037774290000
C3B1H2S2P5L2M3J2E2A2,BRN,CL5S,12,4,10,13,840,15,40,MNAVG,0.00004621343000,0.00005734183000
C3B1H2S2P5L2M3J2E2A3,BRN,CL5S,12,4,10,13,840,15,40,MNHVY,0.00006599176000,0.00067453500000
C3B1H2S2P6L1M1J1E1A1,BRN,CL5S,12,4,11,12,340,12,10,MEPDG,0.24873160000000,0.08620043000000
C3B1H2S2P6L1M1J1E1A2,BRN,CL5S,12,4,11,12,340,12,10,MNAVG,0.07386386000000,0.01248284000000
C3B1H2S2P6L1M1J1E1A3,BRN,CL5S,12,4,11,12,340,12,10,MNHVY,0.11427880000000,0.14978550000000
C3B1H2S2P6L1M1J1E2A1,BRN,CL5S,12,4,11,12,340,12,40,MEPDG,0.09400864000000,0.04933525000000
C3B1H2S2P6L1M1J1E2A2,BRN,CL5S,12,4,11,12,340,12,40,MNAVG,0.02964743000000,0.00694491200000
C3B1H2S2P6L1M1J1E2A3,BRN,CL5S,12,4,11,12,340,12,40,MNHVY,0.04060765000000,0.08338563000000
C3B1H2S2P6L1M1J2E1A1,BRN,CL5S,12,4,11,12,340,15,10,MEPDG,1.15258700000000,0.35051570000000
C3B1H2S2P6L1M1J2E1A2,BRN,CL5S,12,4,11,12,340,15,10,MNAVG,0.49335880000000,0.06383178000000
C3B1H2S2P6L1M1J2E1A3,BRN,CL5S,12,4,11,12,340,15,10,MNHVY,1.02933800000000,0.68085880000000
C3B1H2S2P6L1M1J2E2A1,BRN,CL5S,12,4,11,12,340,15,40,MEPDG,0.51206300000000,0.20707180000000
C3B1H2S2P6L1M1J2E2A2,BRN,CL5S,12,4,11,12,340,15,40,MNAVG,0.23471290000000,0.03756872000000
C3B1H2S2P6L1M1J2E2A3,BRN,CL5S,12,4,11,12,340,15,40,MNHVY,0.44638660000000,0.39695320000000
C3B1H2S2P6L1M2J1E1A1,BRN,CL5S,12,4,11,12,590,12,10,MEPDG,0.00202085500000,0.00157715300000
C3B1H2S2P6L1M2J1E1A2,BRN,CL5S,12,4,11,12,590,12,10,MNAVG,0.00042045060000,0.00017862570000
C3B1H2S2P6L1M2J1E1A3,BRN,CL5S,12,4,11,12,590,12,10,MNHVY,0.00043203410000,0.00231815300000
C3B1H2S2P6L1M2J1E2A1,BRN,CL5S,12,4,11,12,590,12,40,MEPDG,0.00053475940000,0.00093382180000
C3B1H2S2P6L1M2J1E2A2,BRN,CL5S,12,4,11,12,590,12,40,MNAVG,0.00013435890000,0.00010302680000
C3B1H2S2P6L1M2J1E2A3,BRN,CL5S,12,4,11,12,590,12,40,MNHVY,0.00012135070000,0.00133104000000
C3B1H2S2P6L1M2J2E1A1,BRN,CL5S,12,4,11,12,590,15,10,MEPDG,0.01541983000000,0.01470920000000
C3B1H2S2P6L1M2J2E1A2,BRN,CL5S,12,4,11,12,590,15,10,MNAVG,0.00347492000000,0.00234345900000
C3B1H2S2P6L1M2J2E1A3,BRN,CL5S,12,4,11,12,590,15,10,MNHVY,0.00626294800000,0.02731479000000
C3B1H2S2P6L1M2J2E2A1,BRN,CL5S,12,4,11,12,590,15,40,MEPDG,0.00495798100000,0.00823681900000
C3B1H2S2P6L1M2J2E2A2,BRN,CL5S,12,4,11,12,590,15,40,MNAVG,0.00127967600000,0.00130383500000
C3B1H2S2P6L1M2J2E2A3,BRN,CL5S,12,4,11,12,590,15,40,MNHVY,0.00196604500000,0.01509240000000
C3B1H2S2P6L1M3J1E1A1,BRN,CL5S,12,4,11,12,840,12,10,MEPDG,0.00004352455000,0.00001363798000
C3B1H2S2P6L1M3J1E1A2,BRN,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000829402000,0.00000132980400
C3B1H2S2P6L1M3J1E1A3,BRN,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000643026500,0.00001904543000
C3B1H2S2P6L1M3J1E2A1,BRN,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000882445100,0.00001005645000
C3B1H2S2P6L1M3J1E2A2,BRN,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000218598300,0.00000092027810
C3B1H2S2P6L1M3J1E2A3,BRN,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000151682500,0.00001309220000
C3B1H2S2P6L1M3J2E1A1,BRN,CL5S,12,4,11,12,840,15,10,MEPDG,0.00036902850000,0.00009320612000
C3B1H2S2P6L1M3J2E1A2,BRN,CL5S,12,4,11,12,840,15,10,MNAVG,0.00006249319000,0.00001304891000
C3B1H2S2P6L1M3J2E1A3,BRN,CL5S,12,4,11,12,840,15,10,MNHVY,0.00008020265000,0.00016771300000
C3B1H2S2P6L1M3J2E2A1,BRN,CL5S,12,4,11,12,840,15,40,MEPDG,0.00009418096000,0.00024573570000
C3B1H2S2P6L1M3J2E2A2,BRN,CL5S,12,4,11,12,840,15,40,MNAVG,0.00001950921000,0.00003332667000
C3B1H2S2P6L1M3J2E2A3,BRN,CL5S,12,4,11,12,840,15,40,MNHVY,0.00002225504000,0.00042260620000
C3B1H2S2P6L2M1J1E1A1,BRN,CL5S,12,4,11,13,340,12,10,MEPDG,0.01977925000000,0.02317273000000
```

```
C3B1H2S2P6L2M1J1E1A2,BRN,CL5S,12,4,11,13,340,12,10,MNAVG,0.00623970800000,0.00337609900000
C3B1H2S2P6L2M1J1E1A3,BRN,CL5S,12,4,11,13,340,12,10,MNHVY,0.00827895400000,0.03973881000000
C3B1H2S2P6L2M1J1E2A1,BRN,CL5S,12,4,11,13,340,12,40,MEPDG,0.01977925000000,0.02317273000000
C3B1H2S2P6L2M1J1E2A2,BRN,CL5S,12,4,11,13,340,12,40,MNAVG,0.00623970800000,0.00337609900000
C3B1H2S2P6L2M1J1E2A3,BRN,CL5S,12,4,11,13,340,12,40,MNHVY,0.00827895400000,0.03973881000000
C3B1H2S2P6L2M1J2E1A1,BRN,CL5S,12,4,11,13,340,15,10,MEPDG,0.12224110000000,0.11314530000000
C3B1H2S2P6L2M1J2E1A2,BRN,CL5S,12,4,11,13,340,15,10,MNAVG,0.05653588000000,0.02131534000000
C3B1H2S2P6L2M1J2E1A3,BRN,CL5S,12,4,11,13,340,15,10,MNHVY,0.10560260000000,0.21939300000000
C3B1H2S2P6L2M1J2E2A1,BRN,CL5S,12,4,11,13,340,15,40,MEPDG,0.12224110000000,0.11314530000000
C3B1H2S2P6L2M1J2E2A2,BRN,CL5S,12,4,11,13,340,15,40,MNAVG,0.05653588000000,0.02131534000000
C3B1H2S2P6L2M1J2E2A3,BRN,CL5S,12,4,11,13,340,15,40,MNHVY,0.10560260000000,0.21939300000000
C3B1H2S2P6L2M2J1E1A1,BRN,CL5S,12,4,11,13,590,12,10,MEPDG,0.00009568984000,0.00041865820000
C3B1H2S2P6L2M2J1E1A2,BRN,CL5S,12,4,11,13,590,12,10,MNAVG,0.00002519394000,0.00004803713000
C3B1H2S2P6L2M2J1E1A3,BRN,CL5S,12,4,11,13,590,12,10,MNHVY,0.00002189508000,0.00061218320000
C3B1H2S2P6L2M2J1E2A1,BRN,CL5S,12,4,11,13,590,12,40,MEPDG,0.00009568984000,0.00041865820000
C3B1H2S2P6L2M2J1E2A2,BRN,CL5S,12,4,11,13,590,12,40,MNAVG,0.00002519394000,0.00004803713000
C3B1H2S2P6L2M2J1E2A3,BRN,CL5S,12,4,11,13,590,12,40,MNHVY,0.00002189508000,0.00061218320000
C3B1H2S2P6L2M2J2E1A1,BRN,CL5S,12,4,11,13,590,15,10,MEPDG,0.00099686870000,0.00423300500000
C3B1H2S2P6L2M2J2E1A2,BRN,CL5S,12,4,11,13,590,15,10,MNAVG,0.00026414650000,0.00069479900000
C3B1H2S2P6L2M2J2E1A3,BRN,CL5S,12,4,11,13,590,15,10,MNHVY,0.00038903600000,0.00787779100000
C3B1H2S2P6L2M2J2E2A1,BRN,CL5S,12,4,11,13,590,15,40,MEPDG,0.00099686870000,0.00423300500000
C3B1H2S2P6L2M2J2E2A2,BRN,CL5S,12,4,11,13,590,15,40,MNAVG,0.00026414650000,0.00069479900000
C3B1H2S2P6L2M2J2E2A3,BRN,CL5S,12,4,11,13,590,15,40,MNHVY,0.00038903600000,0.00787779100000
C3B1H2S2P6L2M3J1E1A1,BRN,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000142873100,0.00000469484000
C3B1H2S2P6L2M3J1E1A2,BRN,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000037655290,0.00000042892040
C3B1H2S2P6L2M3J1E1A3,BRN,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000025382010,0.00000608722400
C3B1H2S2P6L2M3J1E2A1,BRN,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000142873100,0.00000469484000
C3B1H2S2P6L2M3J1E2A2,BRN,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000037655290,0.00000042892040
C3B1H2S2P6L2M3J1E2A3,BRN,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000025382010,0.00000608722400
C3B1H2S2P6L2M3J2E1A1,BRN,CL5S,12,4,11,13,840,15,10,MEPDG,0.00001710686000,0.00009755719000
C3B1H2S2P6L2M3J2E1A2,BRN,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000371541100,0.00001353478000
C3B1H2S2P6L2M3J2E1A3,BRN,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000411368800,0.00017017870000
C3B1H2S2P6L2M3J2E2A1,BRN,CL5S,12,4,11,13,840,15,40,MEPDG,0.00001710686000,0.00009755719000
C3B1H2S2P6L2M3J2E2A2,BRN,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000371541100,0.00001353478000
C3B1H2S2P6L2M3J2E2A3,BRN,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000411368800,0.00017017870000
C3B1H2S2P7L1M1J1E1A1,BRN,CL5S,12,4,12,12,340,12,10,MEPDG,0.06340941000000,0.04251919000000
C3B1H2S2P7L1M1J1E1A2,BRN,CL5S,12,4,12,12,340,12,10,MNAVG,0.01510770000000,0.00586467100000
C3B1H2S2P7L1M1J1E1A3,BRN,CL5S,12,4,12,12,340,12,10,MNHVY,0.02098626000000,0.07218330000000
C3B1H2S2P7L1M1J1E2A1,BRN,CL5S,12,4,12,12,340,12,40,MEPDG,0.02139907000000,0.02554067000000
C3B1H2S2P7L1M1J1E2A2,BRN,CL5S,12,4,12,12,340,12,40,MNAVG,0.00567977600000,0.00346340600000
C3B1H2S2P7L1M1J1E2A3,BRN,CL5S,12,4,12,12,340,12,40,MNHVY,0.00686194100000,0.04253495000000
C3B1H2S2P7L1M1J2E1A1,BRN,CL5S,12,4,12,12,340,15,10,MEPDG,0.33202170000000,0.23545720000000
C3B1H2S2P7L1M1J2E1A2,BRN,CL5S,12,4,12,12,340,15,10,MNAVG,0.10952180000000,0.04084098000000
C3B1H2S2P7L1M1J2E1A3,BRN,CL5S,12,4,12,12,340,15,10,MNHVY,0.22288540000000,0.45235260000000
C3B1H2S2P7L1M1J2E2A1,BRN,CL5S,12,4,12,12,340,15,40,MEPDG,0.13260000000000,0.14102550000000
C3B1H2S2P7L1M1J2E2A2,BRN,CL5S,12,4,12,12,340,15,40,MNAVG,0.04783756000000,0.02429581000000
C3B1H2S2P7L1M1J2E2A3,BRN,CL5S,12,4,12,12,340,15,40,MNHVY,0.08633310000000,0.26749370000000
C3B1H2S2P7L1M2J1E1A1,BRN,CL5S,12,4,12,12,590,12,10,MEPDG,0.00037246140000,0.00065557160000
C3B1H2S2P7L1M2J1E1A2,BRN,CL5S,12,4,12,12,590,12,10,MNAVG,0.00006989775000,0.00006783467000
C3B1H2S2P7L1M2J1E1A3,BRN,CL5S,12,4,12,12,590,12,10,MNHVY,0.00006413921000,0.00091887930000
```

```
C3B1H2S2P7L1M2J1E2A1,BRN,CL5S,12,4,12,12,590,12,40,MEPDG,0.00008678345000,0.00041667740000
C3B1H2S2P7L1M2J1E2A2,BRN,CL5S,12,4,12,12,590,12,40,MNAVG,0.00002064499000,0.00004292279000
C3B1H2S2P7L1M2J1E2A3,BRN,CL5S,12,4,12,12,590,12,40,MNHVY,0.00001663175000,0.00057347510000
C3B1H2S2P7L1M2J2E1A1,BRN,CL5S,12,4,12,12,590,15,10,MEPDG,0.00244849200000,0.00691618900000
C3B1H2S2P7L1M2J2E1A2,BRN,CL5S,12,4,12,12,590,15,10,MNAVG,0.00044769100000,0.00100798200000
C3B1H2S2P7L1M2J2E1A3,BRN,CL5S,12,4,12,12,590,15,10,MNHVY,0.00065060040000,0.01232953000000
C3B1H2S2P7L1M2J2E2A1,BRN,CL5S,12,4,12,12,590,15,40,MEPDG,0.00069254570000,0.00411820700000
C3B1H2S2P7L1M2J2E2A2,BRN,CL5S,12,4,12,12,590,15,40,MNAVG,0.00015268200000,0.00060453490000
C3B1H2S2P7L1M2J2E2A3,BRN,CL5S,12,4,12,12,590,15,40,MNHVY,0.00018999820000,0.00729963600000
C3B1H2S2P7L1M3J1E1A1,BRN,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000899119300,0.00001049493000
C3B1H2S2P7L1M3J1E1A2,BRN,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000129201400,0.00000084205160
C3B1H2S2P7L1M3J1E1A3,BRN,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000106402300,0.00001253916000
C3B1H2S2P7L1M3J1E2A1,BRN,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000137862400,0.00000880496700
C3B1H2S2P7L1M3J1E2A2,BRN,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000029402830,0.00000066553410
C3B1H2S2P7L1M3J1E2A3,BRN,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000019136300,0.00000988545800
C3B1H2S2P7L1M3J2E1A1,BRN,CL5S,12,4,12,12,840,15,10,MEPDG,0.00004209491000,0.00020241820000
C3B1H2S2P7L1M3J2E1A2,BRN,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000631629600,0.00002368833000
C3B1H2S2P7L1M3J2E1A3,BRN,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000645879800,0.00032581530000
C3B1H2S2P7L1M3J2E2A1,BRN,CL5S,12,4,12,12,840,15,40,MEPDG,0.00000919871200,0.00006588833000
C3B1H2S2P7L1M3J2E2A2,BRN,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000179924800,0.00000755352400
C3B1H2S2P7L1M3J2E2A3,BRN,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000159712100,0.00010348350000
C3B1H2S2P7L2M1J1E1A1,BRN,CL5S,12,4,12,13,340,12,10,MEPDG,0.00426778700000,0.01239642000000
C3B1H2S2P7L2M1J1E1A2,BRN,CL5S,12,4,12,13,340,12,10,MNAVG,0.00115620100000,0.00173713000000
C3B1H2S2P7L2M1J1E1A3,BRN,CL5S,12,4,12,13,340,12,10,MNHVY,0.00133947600000,0.02095447000000
C3B1H2S2P7L2M1J1E2A1,BRN,CL5S,12,4,12,13,340,12,40,MEPDG,0.00426778700000,0.01239642000000
C3B1H2S2P7L2M1J1E2A2,BRN,CL5S,12,4,12,13,340,12,40,MNAVG,0.00115620100000,0.00173713000000
C3B1H2S2P7L2M1J1E2A3,BRN,CL5S,12,4,12,13,340,12,40,MNHVY,0.00133947600000,0.02095447000000
C3B1H2S2P7L2M1J2E1A1,BRN,CL5S,12,4,12,13,340,15,10,MEPDG,0.02976677000000,0.07828689000000
C3B1H2S2P7L2M1J2E1A2,BRN,CL5S,12,4,12,13,340,15,10,MNAVG,0.01087185000000,0.01399076000000
C3B1H2S2P7L2M1J2E1A3,BRN,CL5S,12,4,12,13,340,15,10,MNHVY,0.01906583000000,0.15021360000000
C3B1H2S2P7L2M1J2E2A1,BRN,CL5S,12,4,12,13,340,15,40,MEPDG,0.02976677000000,0.07828689000000
C3B1H2S2P7L2M1J2E2A2,BRN,CL5S,12,4,12,13,340,15,40,MNAVG,0.01087185000000,0.01399076000000
C3B1H2S2P7L2M1J2E2A3,BRN,CL5S,12,4,12,13,340,15,40,MNHVY,0.01906583000000,0.15021360000000
C3B1H2S2P7L2M2J1E1A1,BRN,CL5S,12,4,12,13,590,12,10,MEPDG,0.00001470007000,0.00019459650000
C3B1H2S2P7L2M2J1E1A2,BRN,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000371916400,0.00002083588000
C3B1H2S2P7L2M2J1E1A3,BRN,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000288050200,0.00027536020000
C3B1H2S2P7L2M2J1E2A1,BRN,CL5S,12,4,12,13,590,12,40,MEPDG,0.00001470007000,0.00019459650000
C3B1H2S2P7L2M2J1E2A2,BRN,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000371916400,0.00002083588000
C3B1H2S2P7L2M2J1E2A3,BRN,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000288050200,0.00027536020000
C3B1H2S2P7L2M2J2E1A1,BRN,CL5S,12,4,12,13,590,15,10,MEPDG,0.00013035200000,0.00216026900000
C3B1H2S2P7L2M2J2E1A2,BRN,CL5S,12,4,12,13,590,15,10,MNAVG,0.00003006442000,0.00032863580000
C3B1H2S2P7L2M2J2E1A3,BRN,CL5S,12,4,12,13,590,15,10,MNHVY,0.00003578789000,0.00389796500000
C3B1H2S2P7L2M2J2E2A1,BRN,CL5S,12,4,12,13,590,15,40,MEPDG,0.00013035200000,0.00216026900000
C3B1H2S2P7L2M2J2E2A2,BRN,CL5S,12,4,12,13,590,15,40,MNAVG,0.00003006442000,0.00032863580000
C3B1H2S2P7L2M2J2E2A3,BRN,CL5S,12,4,12,13,590,15,40,MNHVY,0.00003578789000,0.00389796500000
C3B1H2S2P7L2M3J1E1A1,BRN,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000021266780,0.00000337227600
C3B1H2S2P7L2M3J1E1A2,BRN,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000004911339,0.00000025512080
C3B1H2S2P7L2M3J1E1A3,BRN,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000003082934,0.00000377434600
C3B1H2S2P7L2M3J1E2A1,BRN,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000021266780,0.00000337227600
C3B1H2S2P7L2M3J1E2A2,BRN,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000004911339,0.00000025512080
```

```
C3B1H2S2P7L2M3J1E2A3,BRN,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000003082934,0.00000377434600
C3B1H2S2P7L2M3J2E1A1,BRN,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000153862700,0.00003507762000
C3B1H2S2P7L2M3J2E1A2,BRN,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000032246950,0.00000404883700
C3B1H2S2P7L2M3J2E1A3,BRN,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000027503340,0.00005520841000
C3B1H2S2P7L2M3J2E2A1,BRN,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000153862700,0.00003507762000
C3B1H2S2P7L2M3J2E2A2,BRN,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000032246950,0.00000404883700
C3B1H2S2P7L2M3J2E2A3,BRN,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000027503340,0.00005520841000
C3B2H1S1P1L1M1J1E1A1,BRN,CL5Q,4,12,6,12,340,12,10,MEPDG,139.91780000000000,1.42037400000000
C3B2H1S1P1L1M1J1E1A2,BRN,CL5Q,4,12,6,12,340,12,10,MNAVG,115.31690000000000,0.18340480000000
C3B2H1S1P1L1M1J1E1A3,BRN,CL5Q,4,12,6,12,340,12,10,MNHVY,201.85860000000000,2.17811700000000
C3B2H1S1P1L1M1J1E2A1,BRN,CL5Q,4,12,6,12,340,12,40,MEPDG,86.15518000000000,0.82764670000000
C3B2H1S1P1L1M1J1E2A2,BRN,CL5Q,4,12,6,12,340,12,40,MNAVG,66.57240000000000,0.10395350000000
C3B2H1S1P1L1M1J1E2A3,BRN,CL5Q,4,12,6,12,340,12,40,MNHVY,119.99950000000000,1.24397500000000
C3B2H1S1P1L1M1J2E1A1,BRN,CL5Q,4,12,6,12,340,15,10,MEPDG,164.88790000000000,1.45595600000000
C3B2H1S1P1L1M1J2E1A2,BRN,CL5Q,4,12,6,12,340,15,10,MNAVG,139.46170000000000,0.26185130000000
C3B2H1S1P1L1M1J2E1A3,BRN,CL5Q,4,12,6,12,340,15,10,MNHVY,247.34430000000000,2.63475600000000
C3B2H1S1P1L1M1J2E2A1,BRN,CL5Q,4,12,6,12,340,15,40,MEPDG,103.59390000000000,0.85918770000000
C3B2H1S1P1L1M1J2E2A2,BRN,CL5Q,4,12,6,12,340,15,40,MNAVG,82.71381000000000,0.15625870000000
C3B2H1S1P1L1M1J2E2A3,BRN,CL5Q,4,12,6,12,340,15,40,MNHVY,151.19860000000000,1.56027300000000
C3B2H1S1P1L1M2J1E1A1,BRN,CL5Q,4,12,6,12,590,12,10,MEPDG,10.18730000000000,0.19943830000000
C3B2H1S1P1L1M2J1E1A2,BRN,CL5Q,4,12,6,12,590,12,10,MNAVG,6.71735700000000,0.02601350000000
C3B2H1S1P1L1M2J1E1A3,BRN,CL5Q,4,12,6,12,590,12,10,MNHVY,10.85229000000000,0.29281290000000
C3B2H1S1P1L1M2J1E2A1,BRN,CL5Q,4,12,6,12,590,12,40,MEPDG,5.44097600000000,0.09543903000000
C3B2H1S1P1L1M2J1E2A2,BRN,CL5Q,4,12,6,12,590,12,40,MNAVG,3.41246300000000,0.01132853000000
C3B2H1S1P1L1M2J1E2A3,BRN,CL5Q,4,12,6,12,590,12,40,MNHVY,5.52596700000000,0.13185170000000
C3B2H1S1P1L1M2J2E1A1,BRN,CL5Q,4,12,6,12,590,15,10,MEPDG,16.11209000000000,0.37130530000000
C3B2H1S1P1L1M2J2E1A2,BRN,CL5Q,4,12,6,12,590,15,10,MNAVG,11.84371000000000,0.06916289000000
C3B2H1S1P1L1M2J2E1A3,BRN,CL5Q,4,12,6,12,590,15,10,MNHVY,20.31267000000000,0.66557500000000
C3B2H1S1P1L1M2J2E2A1,BRN,CL5Q,4,12,6,12,590,15,40,MEPDG,9.14670700000000,0.19003700000000
C3B2H1S1P1L1M2J2E2A2,BRN,CL5Q,4,12,6,12,590,15,40,MNAVG,6.52449000000000,0.03467670000000
C3B2H1S1P1L1M2J2E2A3,BRN,CL5Q,4,12,6,12,590,15,40,MNHVY,11.29933000000000,0.33823660000000
C3B2H1S1P1L1M3J1E1A1,BRN,CL5Q,4,12,6,12,840,12,10,MEPDG,1.20394300000000,0.02919835000000
C3B2H1S1P1L1M3J1E1A2,BRN,CL5Q,4,12,6,12,840,12,10,MNAVG,0.60863470000000,0.00331824400000
C3B2H1S1P1L1M3J1E1A3,BRN,CL5Q,4,12,6,12,840,12,10,MNHVY,0.92776690000000,0.03786379000000
C3B2H1S1P1L1M3J1E2A1,BRN,CL5Q,4,12,6,12,840,12,40,MEPDG,0.55813840000000,0.01376910000000
C3B2H1S1P1L1M3J1E2A2,BRN,CL5Q,4,12,6,12,840,12,40,MNAVG,0.27362690000000,0.00137142200000
C3B2H1S1P1L1M3J1E2A3,BRN,CL5Q,4,12,6,12,840,12,40,MNHVY,0.40493250000000,0.01617501000000
C3B2H1S1P1L1M3J2E1A1,BRN,CL5Q,4,12,6,12,840,15,10,MEPDG,2.65508200000000,0.09998123000000
C3B2H1S1P1L1M3J2E1A2,BRN,CL5Q,4,12,6,12,840,15,10,MNAVG,1.67401300000000,0.01817695000000
C3B2H1S1P1L1M3J2E1A3,BRN,CL5Q,4,12,6,12,840,15,10,MNHVY,2.93311800000000,0.17603410000000
C3B2H1S1P1L1M3J2E2A1,BRN,CL5Q,4,12,6,12,840,15,40,MEPDG,1.35037300000000,0.04304773000000
C3B2H1S1P1L1M3J2E2A2,BRN,CL5Q,4,12,6,12,840,15,40,MNAVG,0.84711610000000,0.00738691100000
C3B2H1S1P1L1M3J2E2A3,BRN,CL5Q,4,12,6,12,840,15,40,MNHVY,1.46274600000000,0.07372738000000
C3B2H1S1P1L2M1J1E1A1,BRN,CL5Q,4,12,6,13,340,12,10,MEPDG,21.93446000000000,0.31314040000000
C3B2H1S1P1L2M1J1E1A2,BRN,CL5Q,4,12,6,13,340,12,10,MNAVG,16.24644000000000,0.04081025000000
C3B2H1S1P1L2M1J1E1A3,BRN,CL5Q,4,12,6,13,340,12,10,MNHVY,29.66097000000000,0.47410030000000
C3B2H1S1P1L2M1J1E2A1,BRN,CL5Q,4,12,6,13,340,12,40,MEPDG,21.93446000000000,0.31314040000000
C3B2H1S1P1L2M1J1E2A2,BRN,CL5Q,4,12,6,13,340,12,40,MNAVG,16.24644000000000,0.04081025000000
C3B2H1S1P1L2M1J1E2A3,BRN,CL5Q,4,12,6,13,340,12,40,MNHVY,29.66097000000000,0.47410030000000
C3B2H1S1P1L2M1J2E1A1,BRN,CL5Q,4,12,6,13,340,15,10,MEPDG,26.90640000000000,0.39138900000000
```

```
C3B2H1S1P1L2M1J2E1A2,BRN,CL5Q,4,12,6,13,340,15,10,MNAVG,20.74353000000000,0.07533413000000
C3B2H1S1P1L2M1J2E1A3,BRN,CL5Q,4,12,6,13,340,15,10,MNHVY,38.33325000000000,0.71903430000000
C3B2H1S1P1L2M1J2E2A1,BRN,CL5Q,4,12,6,13,340,15,40,MEPDG,26.90640000000000,0.39138900000000
C3B2H1S1P1L2M1J2E2A2,BRN,CL5Q,4,12,6,13,340,15,40,MNAVG,20.74353000000000,0.07533413000000
C3B2H1S1P1L2M1J2E2A3,BRN,CL5Q,4,12,6,13,340,15,40,MNHVY,38.33325000000000,0.71903430000000
C3B2H1S1P1L2M2J1E1A1,BRN,CL5Q,4,12,6,13,590,12,10,MEPDG,1.30303100000000,0.03539746000000
C3B2H1S1P1L2M2J1E1A2,BRN,CL5Q,4,12,6,13,590,12,10,MNAVG,0.78641500000000,0.00444776700000
C3B2H1S1P1L2M2J1E1A3,BRN,CL5Q,4,12,6,13,590,12,10,MNHVY,1.28970400000000,0.05005786000000
C3B2H1S1P1L2M2J1E2A1,BRN,CL5Q,4,12,6,13,590,12,40,MEPDG,1.30303100000000,0.03539746000000
C3B2H1S1P1L2M2J1E2A2,BRN,CL5Q,4,12,6,13,590,12,40,MNAVG,0.78641500000000,0.00444776700000
C3B2H1S1P1L2M2J1E2A3,BRN,CL5Q,4,12,6,13,590,12,40,MNHVY,1.28970400000000,0.05005786000000
C3B2H1S1P1L2M2J2E1A1,BRN,CL5Q,4,12,6,13,590,15,10,MEPDG,2.31469200000000,0.08724633000000
C3B2H1S1P1L2M2J2E1A2,BRN,CL5Q,4,12,6,13,590,15,10,MNAVG,1.62251700000000,0.01685327000000
C3B2H1S1P1L2M2J2E1A3,BRN,CL5Q,4,12,6,13,590,15,10,MNHVY,2.84398600000000,0.15766440000000
C3B2H1S1P1L2M2J2E2A1,BRN,CL5Q,4,12,6,13,590,15,40,MEPDG,2.31469200000000,0.08724633000000
C3B2H1S1P1L2M2J2E2A2,BRN,CL5Q,4,12,6,13,590,15,40,MNAVG,1.62251700000000,0.01685327000000
C3B2H1S1P1L2M2J2E2A3,BRN,CL5Q,4,12,6,13,590,15,40,MNHVY,2.84398600000000,0.15766440000000
C3B2H1S1P1L2M3J1E1A1,BRN,CL5Q,4,12,6,13,840,12,10,MEPDG,0.12547190000000,0.00479386600000
C3B2H1S1P1L2M3J1E1A2,BRN,CL5Q,4,12,6,13,840,12,10,MNAVG,0.05949541000000,0.00049890600000
C3B2H1S1P1L2M3J1E1A3,BRN,CL5Q,4,12,6,13,840,12,10,MNHVY,0.08858809000000,0.00577918100000
C3B2H1S1P1L2M3J1E2A1,BRN,CL5Q,4,12,6,13,840,12,40,MEPDG,0.12547190000000,0.00479386600000
C3B2H1S1P1L2M3J1E2A2,BRN,CL5Q,4,12,6,13,840,12,40,MNAVG,0.05949541000000,0.00049890600000
C3B2H1S1P1L2M3J1E2A3,BRN,CL5Q,4,12,6,13,840,12,40,MNHVY,0.08858809000000,0.00577918100000
C3B2H1S1P1L2M3J2E1A1,BRN,CL5Q,4,12,6,13,840,15,10,MEPDG,0.32963650000000,0.01857161000000
C3B2H1S1P1L2M3J2E1A2,BRN,CL5Q,4,12,6,13,840,15,10,MNAVG,0.20512260000000,0.00335781000000
C3B2H1S1P1L2M3J2E1A3,BRN,CL5Q,4,12,6,13,840,15,10,MNHVY,0.35916130000000,0.03248470000000
C3B2H1S1P1L2M3J2E2A1,BRN,CL5Q,4,12,6,13,840,15,40,MEPDG,0.32963650000000,0.01857161000000
C3B2H1S1P1L2M3J2E2A2,BRN,CL5Q,4,12,6,13,840,15,40,MNAVG,0.20512260000000,0.00335781000000
C3B2H1S1P1L2M3J2E2A3,BRN,CL5Q,4,12,6,13,840,15,40,MNHVY,0.35916130000000,0.03248470000000
C3B2H1S1P2L1M1J1E1A1,BRN,CL5Q,4,12,7,12,340,12,10,MEPDG,51.08943000000000,1.22980600000000
C3B2H1S1P2L1M1J1E1A2,BRN,CL5Q,4,12,7,12,340,12,10,MNAVG,38.91761000000000,0.18382920000000
C3B2H1S1P2L1M1J1E1A3,BRN,CL5Q,4,12,7,12,340,12,10,MNHVY,67.05932000000000,2.03298400000000
C3B2H1S1P2L1M1J1E2A1,BRN,CL5Q,4,12,7,12,340,12,40,MEPDG,29.64520000000000,0.65534230000000
C3B2H1S1P2L1M1J1E2A2,BRN,CL5Q,4,12,7,12,340,12,40,MNAVG,21.58178000000000,0.09130466000000
C3B2H1S1P2L1M1J1E2A3,BRN,CL5Q,4,12,7,12,340,12,40,MNHVY,37.51008000000000,1.04000400000000
C3B2H1S1P2L1M1J2E1A1,BRN,CL5Q,4,12,7,12,340,15,10,MEPDG,74.96122000000000,1.73079900000000
C3B2H1S1P2L1M1J2E1A2,BRN,CL5Q,4,12,7,12,340,15,10,MNAVG,61.35836000000000,0.33547370000000
C3B2H1S1P2L1M1J2E1A3,BRN,CL5Q,4,12,7,12,340,15,10,MNHVY,109.32180000000000,3.23851600000000
C3B2H1S1P2L1M1J2E2A1,BRN,CL5Q,4,12,7,12,340,15,40,MEPDG,45.73205000000000,1.01334100000000
C3B2H1S1P2L1M1J2E2A2,BRN,CL5Q,4,12,7,12,340,15,40,MNAVG,36.32199000000000,0.19583770000000
C3B2H1S1P2L1M1J2E2A3,BRN,CL5Q,4,12,7,12,340,15,40,MNHVY,65.51083000000000,1.89152800000000
C3B2H1S1P2L1M2J1E1A1,BRN,CL5Q,4,12,7,12,590,12,10,MEPDG,2.47715400000000,0.11092320000000
C3B2H1S1P2L1M2J1E1A2,BRN,CL5Q,4,12,7,12,590,12,10,MNAVG,1.30089900000000,0.01531602000000
C3B2H1S1P2L1M2J1E1A3,BRN,CL5Q,4,12,7,12,590,12,10,MNHVY,2.08117600000000,0.17016270000000
C3B2H1S1P2L1M2J1E2A1,BRN,CL5Q,4,12,7,12,590,12,40,MEPDG,1.17614000000000,0.05632975000000
C3B2H1S1P2L1M2J1E2A2,BRN,CL5Q,4,12,7,12,590,12,40,MNAVG,0.60514540000000,0.00712845600000
C3B2H1S1P2L1M2J1E2A3,BRN,CL5Q,4,12,7,12,590,12,40,MNHVY,0.93191100000000,0.08130561000000
C3B2H1S1P2L1M2J2E1A1,BRN,CL5Q,4,12,7,12,590,15,10,MEPDG,5.92602700000000,0.33279690000000
C3B2H1S1P2L1M2J2E1A2,BRN,CL5Q,4,12,7,12,590,15,10,MNAVG,3.86850700000000,0.06541724000000
C3B2H1S1P2L1M2J2E1A3,BRN,CL5Q,4,12,7,12,590,15,10,MNHVY,7.04230300000000,0.61798540000000
```

```
C3B2H1S1P2L1M2J2E2A1,BRN,CL5Q,4,12,7,12,590,15,40,MEPDG,3.10171700000000,0.16264520000000
C3B2H1S1P2L1M2J2E2A2,BRN,CL5Q,4,12,7,12,590,15,40,MNAVG,2.03411200000000,0.03094144000000
C3B2H1S1P2L1M2J2E2A3,BRN,CL5Q,4,12,7,12,590,15,40,MNHVY,3.61547000000000,0.29755210000000
C3B2H1S1P2L1M3J1E1A1,BRN,CL5Q,4,12,7,12,840,12,10,MEPDG,0.20468170000000,0.00834440200000
C3B2H1S1P2L1M3J1E1A2,BRN,CL5Q,4,12,7,12,840,12,10,MNAVG,0.07638697000000,0.00094682800000
C3B2H1S1P2L1M3J1E1A3,BRN,CL5Q,4,12,7,12,840,12,10,MNHVY,0.11175700000000,0.01113664000000
C3B2H1S1P2L1M3J1E2A1,BRN,CL5Q,4,12,7,12,840,12,40,MEPDG,0.08082084000000,0.00397998100000
C3B2H1S1P2L1M3J1E2A2,BRN,CL5Q,4,12,7,12,840,12,40,MNAVG,0.03048830000000,0.00039662550000
C3B2H1S1P2L1M3J1E2A3,BRN,CL5Q,4,12,7,12,840,12,40,MNHVY,0.04119789000000,0.00475026700000
C3B2H1S1P2L1M3J2E1A1,BRN,CL5Q,4,12,7,12,840,15,10,MEPDG,0.77264330000000,0.04721496000000
C3B2H1S1P2L1M3J2E1A2,BRN,CL5Q,4,12,7,12,840,15,10,MNAVG,0.39683590000000,0.00862995800000
C3B2H1S1P2L1M3J2E1A3,BRN,CL5Q,4,12,7,12,840,15,10,MNHVY,0.76667030000000,0.08532350000000
C3B2H1S1P2L1M3J2E2A1,BRN,CL5Q,4,12,7,12,840,15,40,MEPDG,0.34742580000000,0.02118489000000
C3B2H1S1P2L1M3J2E2A2,BRN,CL5Q,4,12,7,12,840,15,40,MNAVG,0.18349990000000,0.00369015700000
C3B2H1S1P2L1M3J2E2A3,BRN,CL5Q,4,12,7,12,840,15,40,MNHVY,0.33378600000000,0.03714523000000
C3B2H1S1P2L2M1J1E1A1,BRN,CL5Q,4,12,7,13,340,12,10,MEPDG,7.45580800000000,0.26225640000000
C3B2H1S1P2L2M1J1E1A2,BRN,CL5Q,4,12,7,13,340,12,10,MNAVG,5.24189300000000,0.03816474000000
C3B2H1S1P2L2M1J1E1A3,BRN,CL5Q,4,12,7,13,340,12,10,MNHVY,9.19185900000000,0.42119490000000
C3B2H1S1P2L2M1J1E2A1,BRN,CL5Q,4,12,7,13,340,12,40,MEPDG,7.45580800000000,0.26225640000000
C3B2H1S1P2L2M1J1E2A2,BRN,CL5Q,4,12,7,13,340,12,40,MNAVG,5.24189300000000,0.03816474000000
C3B2H1S1P2L2M1J1E2A3,BRN,CL5Q,4,12,7,13,340,12,40,MNHVY,9.19185900000000,0.42119490000000
C3B2H1S1P2L2M1J2E1A1,BRN,CL5Q,4,12,7,13,340,15,10,MEPDG,12.11093000000000,0.49216130000000
C3B2H1S1P2L2M1J2E1A2,BRN,CL5Q,4,12,7,13,340,15,10,MNAVG,9.45196100000000,0.10002560000000
C3B2H1S1P2L2M1J2E1A3,BRN,CL5Q,4,12,7,13,340,15,10,MNHVY,17.14573000000000,0.92558990000000
C3B2H1S1P2L2M1J2E2A1,BRN,CL5Q,4,12,7,13,340,15,40,MEPDG,12.11093000000000,0.49216130000000
C3B2H1S1P2L2M1J2E2A2,BRN,CL5Q,4,12,7,13,340,15,40,MNAVG,9.45196100000000,0.10002560000000
C3B2H1S1P2L2M1J2E2A3,BRN,CL5Q,4,12,7,13,340,15,40,MNHVY,17.14573000000000,0.92558990000000
C3B2H1S1P2L2M2J1E1A1,BRN,CL5Q,4,12,7,13,590,12,10,MEPDG,0.26939510000000,0.02179763000000
C3B2H1S1P2L2M2J1E1A2,BRN,CL5Q,4,12,7,13,590,12,10,MNAVG,0.13436610000000,0.00288271100000
C3B2H1S1P2L2M2J1E1A3,BRN,CL5Q,4,12,7,13,590,12,10,MNHVY,0.20709430000000,0.03214460000000
C3B2H1S1P2L2M2J1E2A1,BRN,CL5Q,4,12,7,13,590,12,40,MEPDG,0.26939510000000,0.02179763000000
C3B2H1S1P2L2M2J1E2A2,BRN,CL5Q,4,12,7,13,590,12,40,MNAVG,0.13436610000000,0.00288271100000
C3B2H1S1P2L2M2J1E2A3,BRN,CL5Q,4,12,7,13,590,12,40,MNHVY,0.20709430000000,0.03214460000000
C3B2H1S1P2L2M2J2E1A1,BRN,CL5Q,4,12,7,13,590,15,10,MEPDG,0.77705230000000,0.07860143000000
C3B2H1S1P2L2M2J2E1A2,BRN,CL5Q,4,12,7,13,590,15,10,MNAVG,0.50675290000000,0.01573395000000
C3B2H1S1P2L2M2J2E1A3,BRN,CL5Q,4,12,7,13,590,15,10,MNHVY,0.90474590000000,0.14584760000000
C3B2H1S1P2L2M2J2E2A1,BRN,CL5Q,4,12,7,13,590,15,40,MEPDG,0.77705230000000,0.07860143000000
C3B2H1S1P2L2M2J2E2A2,BRN,CL5Q,4,12,7,13,590,15,40,MNAVG,0.50675290000000,0.01573395000000
C3B2H1S1P2L2M2J2E2A3,BRN,CL5Q,4,12,7,13,590,15,40,MNHVY,0.90474590000000,0.14584760000000
C3B2H1S1P2L2M3J1E1A1,BRN,CL5Q,4,12,7,13,840,12,10,MEPDG,0.01700853000000,0.00141982200000
C3B2H1S1P2L2M3J1E1A2,BRN,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00629432700000,0.00014668150000
C3B2H1S1P2L2M3J1E1A3,BRN,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00839104700000,0.00173251600000
C3B2H1S1P2L2M3J1E2A1,BRN,CL5Q,4,12,7,13,840,12,40,MEPDG,0.01700853000000,0.00141982200000
C3B2H1S1P2L2M3J1E2A2,BRN,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00629432700000,0.00014668150000
C3B2H1S1P2L2M3J1E2A3,BRN,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00839104700000,0.00173251600000
C3B2H1S1P2L2M3J2E1A1,BRN,CL5Q,4,12,7,13,840,15,10,MEPDG,0.08162589000000,0.00925198900000
C3B2H1S1P2L2M3J2E1A2,BRN,CL5Q,4,12,7,13,840,15,10,MNAVG,0.04295440000000,0.00167068500000
C3B2H1S1P2L2M3J2E1A3,BRN,CL5Q,4,12,7,13,840,15,10,MNHVY,0.07831275000000,0.01651899000000
C3B2H1S1P2L2M3J2E2A1,BRN,CL5Q,4,12,7,13,840,15,40,MEPDG,0.08162589000000,0.00925198900000
C3B2H1S1P2L2M3J2E2A2,BRN,CL5Q,4,12,7,13,840,15,40,MNAVG,0.04295440000000,0.00167068500000
```

```
C3B2H1S1P2L2M3J2E2A3,BRN,CL5Q,4,12,7,13,840,15,40,MNHVY,0.07831275000000,0.01651899000000
C3B2H1S1P3L1M1J1E1A1,BRN,CL5Q,4,12,8,12,340,12,10,MEPDG,16.22928000000000,1.05174800000000
C3B2H1S1P3L1M1J1E1A2,BRN,CL5Q,4,12,8,12,340,12,10,MNAVG,10.43163000000000,0.16922160000000
C3B2H1S1P3L1M1J1E1A3,BRN,CL5Q,4,12,8,12,340,12,10,MNHVY,17.75669000000000,1.82993900000000
C3B2H1S1P3L1M1J1E2A1,BRN,CL5Q,4,12,8,12,340,12,40,MEPDG,8.59603400000000,0.58177730000000
C3B2H1S1P3L1M1J1E2A2,BRN,CL5Q,4,12,8,12,340,12,40,MNAVG,5.39004800000000,0.08835209000000
C3B2H1S1P3L1M1J1E2A3,BRN,CL5Q,4,12,8,12,340,12,40,MNHVY,8.95983200000000,0.97700800000000
C3B2H1S1P3L1M1J2E1A1,BRN,CL5Q,4,12,8,12,340,15,10,MEPDG,31.57859000000000,1.93798100000000
C3B2H1S1P3L1M1J2E1A2,BRN,CL5Q,4,12,8,12,340,15,10,MNAVG,23.38050000000000,0.39468320000000
C3B2H1S1P3L1M1J2E1A3,BRN,CL5Q,4,12,8,12,340,15,10,MNHVY,42.81423000000000,3.72500700000000
C3B2H1S1P3L1M1J2E2A1,BRN,CL5Q,4,12,8,12,340,15,40,MEPDG,18.13815000000000,1.08873600000000
C3B2H1S1P3L1M1J2E2A2,BRN,CL5Q,4,12,8,12,340,15,40,MNAVG,13.37719000000000,0.21831550000000
C3B2H1S1P3L1M1J2E2A3,BRN,CL5Q,4,12,8,12,340,15,40,MNHVY,24.18892000000000,2.07548200000000
C3B2H1S1P3L1M2J1E1A1,BRN,CL5Q,4,12,8,12,590,12,10,MEPDG,0.49067480000000,0.05042681000000
C3B2H1S1P3L1M2J1E1A2,BRN,CL5Q,4,12,8,12,590,12,10,MNAVG,0.18982230000000,0.00718737700000
C3B2H1S1P3L1M2J1E1A3,BRN,CL5Q,4,12,8,12,590,12,10,MNHVY,0.29107090000000,0.08104578000000
C3B2H1S1P3L1M2J1E2A1,BRN,CL5Q,4,12,8,12,590,12,40,MEPDG,0.20201970000000,0.02475426000000
C3B2H1S1P3L1M2J1E2A2,BRN,CL5Q,4,12,8,12,590,12,40,MNAVG,0.07906868000000,0.00320167700000
C3B2H1S1P3L1M2J1E2A3,BRN,CL5Q,4,12,8,12,590,12,40,MNHVY,0.11196430000000,0.03686310000000
C3B2H1S1P3L1M2J2E1A1,BRN,CL5Q,4,12,8,12,590,15,10,MEPDG,1.78187600000000,0.21227690000000
C3B2H1S1P3L1M2J2E1A2,BRN,CL5Q,4,12,8,12,590,15,10,MNAVG,0.94115660000000,0.04198340000000
C3B2H1S1P3L1M2J2E1A3,BRN,CL5Q,4,12,8,12,590,15,10,MNHVY,1.83159700000000,0.40324070000000
C3B2H1S1P3L1M2J2E2A1,BRN,CL5Q,4,12,8,12,590,15,40,MEPDG,0.83379910000000,0.10784330000000
C3B2H1S1P3L1M2J2E2A2,BRN,CL5Q,4,12,8,12,590,15,40,MNAVG,0.45475490000000,0.02071256000000
C3B2H1S1P3L1M2J2E2A3,BRN,CL5Q,4,12,8,12,590,15,40,MNHVY,0.83306010000000,0.20139990000000
C3B2H1S1P3L1M3J1E1A1,BRN,CL5Q,4,12,8,12,840,12,10,MEPDG,0.02638168000000,0.00265329100000
C3B2H1S1P3L1M3J1E1A2,BRN,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00735573800000,0.00031523410000
C3B2H1S1P3L1M3J1E1A3,BRN,CL5Q,4,12,8,12,840,12,10,MNHVY,0.00954352900000,0.00377717100000
C3B2H1S1P3L1M3J1E2A1,BRN,CL5Q,4,12,8,12,840,12,40,MEPDG,0.00859806400000,0.00122023900000
C3B2H1S1P3L1M3J1E2A2,BRN,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00258707300000,0.00012777730000
C3B2H1S1P3L1M3J1E2A3,BRN,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00295578900000,0.00156508500000
C3B2H1S1P3L1M3J2E1A1,BRN,CL5Q,4,12,8,12,840,15,10,MEPDG,0.15988790000000,0.01959249000000
C3B2H1S1P3L1M3J2E1A2,BRN,CL5Q,4,12,8,12,840,15,10,MNAVG,0.06000828000000,0.00350962600000
C3B2H1S1P3L1M3J2E1A3,BRN,CL5Q,4,12,8,12,840,15,10,MNHVY,0.12357630000000,0.03644507000000
C3B2H1S1P3L1M3J2E2A1,BRN,CL5Q,4,12,8,12,840,15,40,MEPDG,0.06212921000000,0.00887416900000
C3B2H1S1P3L1M3J2E2A2,BRN,CL5Q,4,12,8,12,840,15,40,MNAVG,0.02479429000000,0.00152012100000
C3B2H1S1P3L1M3J2E2A3,BRN,CL5Q,4,12,8,12,840,15,40,MNHVY,0.04610215000000,0.01594971000000
C3B2H1S1P3L2M1J1E1A1,BRN,CL5Q,4,12,8,13,340,12,10,MEPDG,2.08672400000000,0.24677480000000
C3B2H1S1P3L2M1J1E1A2,BRN,CL5Q,4,12,8,13,340,12,10,MNAVG,1.26694300000000,0.03893168000000
C3B2H1S1P3L2M1J1E1A3,BRN,CL5Q,4,12,8,13,340,12,10,MNHVY,2.10999700000000,0.41943600000000
C3B2H1S1P3L2M1J1E2A1,BRN,CL5Q,4,12,8,13,340,12,40,MEPDG,2.08672400000000,0.24677480000000
C3B2H1S1P3L2M1J1E2A2,BRN,CL5Q,4,12,8,13,340,12,40,MNAVG,1.26694300000000,0.03893168000000
C3B2H1S1P3L2M1J1E2A3,BRN,CL5Q,4,12,8,13,340,12,40,MNHVY,2.10999700000000,0.41943600000000
C3B2H1S1P3L2M1J2E1A1,BRN,CL5Q,4,12,8,13,340,15,10,MEPDG,4.76381700000000,0.55518540000000
C3B2H1S1P3L2M1J2E1A2,BRN,CL5Q,4,12,8,13,340,15,10,MNAVG,3.48265600000000,0.11630710000000
C3B2H1S1P3L2M1J2E1A3,BRN,CL5Q,4,12,8,13,340,15,10,MNHVY,6.30228900000000,1.06465800000000
C3B2H1S1P3L2M1J2E2A1,BRN,CL5Q,4,12,8,13,340,15,40,MEPDG,4.76381700000000,0.55518540000000
C3B2H1S1P3L2M1J2E2A2,BRN,CL5Q,4,12,8,13,340,15,40,MNAVG,3.48265600000000,0.11630710000000
C3B2H1S1P3L2M1J2E2A3,BRN,CL5Q,4,12,8,13,340,15,40,MNHVY,6.30228900000000,1.06465800000000
C3B2H1S1P3L2M2J1E1A1,BRN,CL5Q,4,12,8,13,590,12,10,MEPDG,0.04360678000000,0.00978249100000
```

```
C3B2H1S1P3L2M2J1E1A2,BRN,CL5Q,4,12,8,13,590,12,10,MNAVG,0.01675506000000,0.00130075100000
C3B2H1S1P3L2M2J1E1A3,BRN,CL5Q,4,12,8,13,590,12,10,MNHVY,0.02340552000000,0.01476494000000
C3B2H1S1P3L2M2J1E2A1,BRN,CL5Q,4,12,8,13,590,12,40,MEPDG,0.04360678000000,0.00978249100000
C3B2H1S1P3L2M2J1E2A2,BRN,CL5Q,4,12,8,13,590,12,40,MNAVG,0.01675506000000,0.00130075100000
C3B2H1S1P3L2M2J1E2A3,BRN,CL5Q,4,12,8,13,590,12,40,MNHVY,0.02340552000000,0.01476494000000
C3B2H1S1P3L2M2J2E1A1,BRN,CL5Q,4,12,8,13,590,15,10,MEPDG,0.20111380000000,0.05182983000000
C3B2H1S1P3L2M2J2E1A2,BRN,CL5Q,4,12,8,13,590,15,10,MNAVG,0.10959900000000,0.01032373000000
C3B2H1S1P3L2M2J2E1A3,BRN,CL5Q,4,12,8,13,590,15,10,MNHVY,0.20026320000000,0.09784837000000
C3B2H1S1P3L2M2J2E2A1,BRN,CL5Q,4,12,8,13,590,15,40,MEPDG,0.20111380000000,0.05182983000000
C3B2H1S1P3L2M2J2E2A2,BRN,CL5Q,4,12,8,13,590,15,40,MNAVG,0.10959900000000,0.01032373000000
C3B2H1S1P3L2M2J2E2A3,BRN,CL5Q,4,12,8,13,590,15,40,MNHVY,0.20026320000000,0.09784837000000
C3B2H1S1P3L2M3J1E1A1,BRN,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00167773000000,0.00044673420000
C3B2H1S1P3L2M3J1E1A2,BRN,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00050959600000,0.00004847656000
C3B2H1S1P3L2M3J1E1A3,BRN,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00056567850000,0.00058489670000
C3B2H1S1P3L2M3J1E2A1,BRN,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00167773000000,0.00044673420000
C3B2H1S1P3L2M3J1E2A2,BRN,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00050959600000,0.00004847656000
C3B2H1S1P3L2M3J1E2A3,BRN,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00056567850000,0.00058489670000
C3B2H1S1P3L2M3J2E1A1,BRN,CL5Q,4,12,8,13,840,15,10,MEPDG,0.01383409000000,0.00396613500000
C3B2H1S1P3L2M3J2E1A2,BRN,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00554883700000,0.00070165960000
C3B2H1S1P3L2M3J2E1A3,BRN,CL5Q,4,12,8,13,840,15,10,MNHVY,0.01028080000000,0.00724603700000
C3B2H1S1P3L2M3J2E2A1,BRN,CL5Q,4,12,8,13,840,15,40,MEPDG,0.01383409000000,0.00396613500000
C3B2H1S1P3L2M3J2E2A2,BRN,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00554883700000,0.00070165960000
C3B2H1S1P3L2M3J2E2A3,BRN,CL5Q,4,12,8,13,840,15,40,MNHVY,0.01028080000000,0.00724603700000
C3B2H1S1P4L1M1J1E1A1,BRN,CL5Q,4,12,9,12,340,12,10,MEPDG,4.77393400000000,0.66759230000000
C3B2H1S1P4L1M1J1E1A2,BRN,CL5Q,4,12,9,12,340,12,10,MNAVG,2.44127400000000,0.10771230000000
C3B2H1S1P4L1M1J1E1A3,BRN,CL5Q,4,12,9,12,340,12,10,MNHVY,4.07656500000000,1.18529300000000
C3B2H1S1P4L1M1J1E2A1,BRN,CL5Q,4,12,9,12,340,12,40,MEPDG,2.28434200000000,0.36812280000000
C3B2H1S1P4L1M1J1E2A2,BRN,CL5Q,4,12,9,12,340,12,40,MNAVG,1.16141700000000,0.05600560000000
C3B2H1S1P4L1M1J1E2A3,BRN,CL5Q,4,12,9,12,340,12,40,MNHVY,1.83284400000000,0.62673850000000
C3B2H1S1P4L1M1J2E1A1,BRN,CL5Q,4,12,9,12,340,15,10,MEPDG,12.56085000000000,1.69517600000000
C3B2H1S1P4L1M1J2E1A2,BRN,CL5Q,4,12,9,12,340,15,10,MNAVG,8.08094700000000,0.34610500000000
C3B2H1S1P4L1M1J2E1A3,BRN,CL5Q,4,12,9,12,340,15,10,MNHVY,15.40005000000000,3.30923400000000
C3B2H1S1P4L1M1J2E2A1,BRN,CL5Q,4,12,9,12,340,15,40,MEPDG,6.67256500000000,0.97027270000000
C3B2H1S1P4L1M1J2E2A2,BRN,CL5Q,4,12,9,12,340,15,40,MNAVG,4.37338500000000,0.19521500000000
C3B2H1S1P4L1M1J2E2A3,BRN,CL5Q,4,12,9,12,340,15,40,MNHVY,8.01771800000000,1.87444800000000
C3B2H1S1P4L1M2J1E1A1,BRN,CL5Q,4,12,9,12,590,12,10,MEPDG,0.08542365000000,0.02132443000000
C3B2H1S1P4L1M2J1E1A2,BRN,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02459036000000,0.00296863200000
C3B2H1S1P4L1M2J1E1A3,BRN,CL5Q,4,12,9,12,590,12,10,MNHVY,0.03415057000000,0.03478177000000
C3B2H1S1P4L1M2J1E2A1,BRN,CL5Q,4,12,9,12,590,12,40,MEPDG,0.03028840000000,0.01060826000000
C3B2H1S1P4L1M2J1E2A2,BRN,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00929436100000,0.00136015800000
C3B2H1S1P4L1M2J1E2A3,BRN,CL5Q,4,12,9,12,590,12,40,MNHVY,0.01157609000000,0.01619289000000
C3B2H1S1P4L1M2J2E1A1,BRN,CL5Q,4,12,9,12,590,15,10,MEPDG,0.44146760000000,0.11480090000000
C3B2H1S1P4L1M2J2E1A2,BRN,CL5Q,4,12,9,12,590,15,10,MNAVG,0.17703590000000,0.02199643000000
C3B2H1S1P4L1M2J2E1A3,BRN,CL5Q,4,12,9,12,590,15,10,MNHVY,0.35557880000000,0.22153500000000
C3B2H1S1P4L1M2J2E2A1,BRN,CL5Q,4,12,9,12,590,15,40,MEPDG,0.18306890000000,0.05740016000000
C3B2H1S1P4L1M2J2E2A2,BRN,CL5Q,4,12,9,12,590,15,40,MNAVG,0.07794428000000,0.01068498000000
C3B2H1S1P4L1M2J2E2A3,BRN,CL5Q,4,12,9,12,590,15,40,MNHVY,0.14225700000000,0.10829030000000
C3B2H1S1P4L1M3J1E1A1,BRN,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00296550000000,0.00070409870000
C3B2H1S1P4L1M3J1E1A2,BRN,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00070359630000,0.00007786759000
C3B2H1S1P4L1M3J1E1A3,BRN,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00075525120000,0.00096960680000
```

```
C3B2H1S1P4L1M3J1E2A1,BRN,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00081070920000,0.00036250580000
C3B2H1S1P4L1M3J1E2A2,BRN,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00022400160000,0.00003671107000
C3B2H1S1P4L1M3J1E2A3,BRN,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00021268730000,0.00046316510000
C3B2H1S1P4L1M3J2E1A1,BRN,CL5Q,4,12,9,12,840,15,10,MEPDG,0.02569534000000,0.00773379500000
C3B2H1S1P4L1M3J2E1A2,BRN,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00690419600000,0.00129892400000
C3B2H1S1P4L1M3J2E1A3,BRN,CL5Q,4,12,9,12,840,15,10,MNHVY,0.01404504000000,0.01438996000000
C3B2H1S1P4L1M3J2E2A1,BRN,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00862742300000,0.00365347300000
C3B2H1S1P4L1M3J2E2A2,BRN,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00258089900000,0.00059079760000
C3B2H1S1P4L1M3J2E2A3,BRN,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00461354200000,0.00659526800000
C3B2H1S1P4L2M1J1E1A1,BRN,CL5Q,4,12,9,13,340,12,10,MEPDG,0.53050490000000,0.16260370000000
C3B2H1S1P4L2M1J1E1A2,BRN,CL5Q,4,12,9,13,340,12,10,MNAVG,0.26215260000000,0.02557820000000
C3B2H1S1P4L2M1J1E1A3,BRN,CL5Q,4,12,9,13,340,12,10,MNHVY,0.41050120000000,0.28037380000000
C3B2H1S1P4L2M1J1E2A1,BRN,CL5Q,4,12,9,13,340,12,40,MEPDG,0.53050490000000,0.16260370000000
C3B2H1S1P4L2M1J1E2A2,BRN,CL5Q,4,12,9,13,340,12,40,MNAVG,0.26215260000000,0.02557820000000
C3B2H1S1P4L2M1J1E2A3,BRN,CL5Q,4,12,9,13,340,12,40,MNHVY,0.41050120000000,0.28037380000000
C3B2H1S1P4L2M1J2E1A1,BRN,CL5Q,4,12,9,13,340,15,10,MEPDG,1.71074000000000,0.51133650000000
C3B2H1S1P4L2M1J2E1A2,BRN,CL5Q,4,12,9,13,340,15,10,MNAVG,1.11763300000000,0.10703490000000
C3B2H1S1P4L2M1J2E1A3,BRN,CL5Q,4,12,9,13,340,15,10,MNHVY,2.03991700000000,0.99418180000000
C3B2H1S1P4L2M1J2E2A1,BRN,CL5Q,4,12,9,13,340,15,40,MEPDG,1.71074000000000,0.51133650000000
C3B2H1S1P4L2M1J2E2A2,BRN,CL5Q,4,12,9,13,340,15,40,MNAVG,1.11763300000000,0.10703490000000
C3B2H1S1P4L2M1J2E2A3,BRN,CL5Q,4,12,9,13,340,15,40,MNHVY,2.03991700000000,0.99418180000000
C3B2H1S1P4L2M2J1E1A1,BRN,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00613698000000,0.00442208100000
C3B2H1S1P4L2M2J1E1A2,BRN,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00189196200000,0.00059052110000
C3B2H1S1P4L2M2J1E1A3,BRN,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00229738700000,0.00688700600000
C3B2H1S1P4L2M2J1E2A1,BRN,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00613698000000,0.00442208100000
C3B2H1S1P4L2M2J1E2A2,BRN,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00189196200000,0.00059052110000
C3B2H1S1P4L2M2J1E2A3,BRN,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00229738700000,0.00688700600000
C3B2H1S1P4L2M2J2E1A1,BRN,CL5Q,4,12,9,13,590,15,10,MEPDG,0.04174287000000,0.02874184000000
C3B2H1S1P4L2M2J2E1A2,BRN,CL5Q,4,12,9,13,590,15,10,MNAVG,0.01784616000000,0.00554657400000
C3B2H1S1P4L2M2J2E1A3,BRN,CL5Q,4,12,9,13,590,15,10,MNHVY,0.03216534000000,0.05493817000000
C3B2H1S1P4L2M2J2E2A1,BRN,CL5Q,4,12,9,13,590,15,40,MEPDG,0.04174287000000,0.02874184000000
C3B2H1S1P4L2M2J2E2A2,BRN,CL5Q,4,12,9,13,590,15,40,MNAVG,0.01784616000000,0.00554657400000
C3B2H1S1P4L2M2J2E2A3,BRN,CL5Q,4,12,9,13,590,15,40,MNHVY,0.03216534000000,0.05493817000000
C3B2H1S1P4L2M3J1E1A1,BRN,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00014501770000,0.00013897380000
C3B2H1S1P4L2M3J1E1A2,BRN,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00004148261000,0.00001457087000
C3B2H1S1P4L2M3J1E1A3,BRN,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00003779632000,0.00018145030000
C3B2H1S1P4L2M3J1E2A1,BRN,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00014501770000,0.00013897380000
C3B2H1S1P4L2M3J1E2A2,BRN,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00004148261000,0.00001457087000
C3B2H1S1P4L2M3J1E2A3,BRN,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00003779632000,0.00018145030000
C3B2H1S1P4L2M3J2E1A1,BRN,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00179527300000,0.00166481600000
C3B2H1S1P4L2M3J2E1A2,BRN,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00054522180000,0.00027785350000
C3B2H1S1P4L2M3J2E1A3,BRN,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00096650310000,0.00304760200000
C3B2H1S1P4L2M3J2E2A1,BRN,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00179527300000,0.00166481600000
C3B2H1S1P4L2M3J2E2A2,BRN,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00054522180000,0.00027785350000
C3B2H1S1P4L2M3J2E2A3,BRN,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00096650310000,0.00304760200000
C3B2H1S1P5L1M1J1E1A1,BRN,CL5Q,4,12,10,12,340,12,10,MEPDG,1.27107800000000,0.39181170000000
C3B2H1S1P5L1M1J1E1A2,BRN,CL5Q,4,12,10,12,340,12,10,MNAVG,0.49483380000000,0.06130330000000
C3B2H1S1P5L1M1J1E1A3,BRN,CL5Q,4,12,10,12,340,12,10,MNHVY,0.79027700000000,0.70157410000000
C3B2H1S1P5L1M1J1E2A1,BRN,CL5Q,4,12,10,12,340,12,40,MEPDG,0.54141110000000,0.21848540000000
C3B2H1S1P5L1M1J1E2A2,BRN,CL5Q,4,12,10,12,340,12,40,MNAVG,0.21388710000000,0.03262295000000
```

```
C3B2H1S1P5L1M1J1E2A3,BRN,CL5Q,4,12,10,12,340,12,40,MNHVY,0.31171250000000,0.37590080000000
C3B2H1S1P5L1M1J2E1A1,BRN,CL5Q,4,12,10,12,340,15,10,MEPDG,4.37204500000000,1.20229100000000
C3B2H1S1P5L1M1J2E1A2,BRN,CL5Q,4,12,10,12,340,15,10,MNAVG,2.32777000000000,0.23840020000000
C3B2H1S1P5L1M1J2E1A3,BRN,CL5Q,4,12,10,12,340,15,10,MNHVY,4.57472700000000,2.36435700000000
C3B2H1S1P5L1M1J2E2A1,BRN,CL5Q,4,12,10,12,340,15,40,MEPDG,2.11944600000000,0.68442410000000
C3B2H1S1P5L1M1J2E2A2,BRN,CL5Q,4,12,10,12,340,15,40,MNAVG,1.17299500000000,0.13346750000000
C3B2H1S1P5L1M1J2E2A3,BRN,CL5Q,4,12,10,12,340,15,40,MNHVY,2.15909000000000,1.32798600000000
C3B2H1S1P5L1M2J1E1A1,BRN,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01310157000000,0.00744427400000
C3B2H1S1P5L1M2J1E1A2,BRN,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00308489500000,0.00094990820000
C3B2H1S1P5L1M2J1E1A3,BRN,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00359343600000,0.01167742000000
C3B2H1S1P5L1M2J1E2A1,BRN,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00395308300000,0.00403075000000
C3B2H1S1P5L1M2J1E2A2,BRN,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00106324100000,0.00048603470000
C3B2H1S1P5L1M2J1E2A3,BRN,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00109395600000,0.00602417200000
C3B2H1S1P5L1M2J2E1A1,BRN,CL5Q,4,12,10,12,590,15,10,MEPDG,0.08757731000000,0.05623808000000
C3B2H1S1P5L1M2J2E1A2,BRN,CL5Q,4,12,10,12,590,15,10,MNAVG,0.02581508000000,0.01003426000000
C3B2H1S1P5L1M2J2E1A3,BRN,CL5Q,4,12,10,12,590,15,10,MNHVY,0.04970747000000,0.10827320000000
C3B2H1S1P5L1M2J2E2A1,BRN,CL5Q,4,12,10,12,590,15,40,MEPDG,0.03173122000000,0.02923514000000
C3B2H1S1P5L1M2J2E2A2,BRN,CL5Q,4,12,10,12,590,15,40,MNAVG,0.01026713000000,0.00510879800000
C3B2H1S1P5L1M2J2E2A3,BRN,CL5Q,4,12,10,12,590,15,40,MNHVY,0.01741047000000,0.05511732000000
C3B2H1S1P5L1M3J1E1A1,BRN,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00032121190000,0.00018920060000
C3B2H1S1P5L1M3J1E1A2,BRN,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00007060049000,0.00001850217000
C3B2H1S1P5L1M3J1E1A3,BRN,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00006071407000,0.00024408850000
C3B2H1S1P5L1M3J1E2A1,BRN,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00007579419000,0.00010471720000
C3B2H1S1P5L1M3J1E2A2,BRN,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00002034758000,0.00000963343600
C3B2H1S1P5L1M3J1E2A3,BRN,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00001608325000,0.00012697600000
C3B2H1S1P5L1M3J2E1A1,BRN,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00318253000000,0.00272606200000
C3B2H1S1P5L1M3J2E1A2,BRN,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00065419460000,0.00041248290000
C3B2H1S1P5L1M3J2E1A3,BRN,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00112017300000,0.00489365800000
C3B2H1S1P5L1M3J2E2A1,BRN,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00090885420000,0.00137580300000
C3B2H1S1P5L1M3J2E2A2,BRN,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00021915380000,0.00020248270000
C3B2H1S1P5L1M3J2E2A3,BRN,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00032325020000,0.00240790700000
C3B2H1S1P5L2M1J1E1A1,BRN,CL5Q,4,12,10,13,340,12,10,MEPDG,0.11944270000000,0.09922814000000
C3B2H1S1P5L2M1J1E1A2,BRN,CL5Q,4,12,10,13,340,12,10,MNAVG,0.04625627000000,0.01527654000000
C3B2H1S1P5L2M1J1E1A3,BRN,CL5Q,4,12,10,13,340,12,10,MNHVY,0.06606905000000,0.17269080000000
C3B2H1S1P5L2M1J1E2A1,BRN,CL5Q,4,12,10,13,340,12,40,MEPDG,0.11944270000000,0.09922814000000
C3B2H1S1P5L2M1J1E2A2,BRN,CL5Q,4,12,10,13,340,12,40,MNAVG,0.04625627000000,0.01527654000000
C3B2H1S1P5L2M1J1E2A3,BRN,CL5Q,4,12,10,13,340,12,40,MNHVY,0.06606905000000,0.17269080000000
C3B2H1S1P5L2M1J2E1A1,BRN,CL5Q,4,12,10,13,340,15,10,MEPDG,0.52159120000000,0.36811300000000
C3B2H1S1P5L2M1J2E1A2,BRN,CL5Q,4,12,10,13,340,15,10,MNAVG,0.28874500000000,0.07439497000000
C3B2H1S1P5L2M1J2E1A3,BRN,CL5Q,4,12,10,13,340,15,10,MNHVY,0.52589820000000,0.71989440000000
C3B2H1S1P5L2M1J2E2A1,BRN,CL5Q,4,12,10,13,340,15,40,MEPDG,0.52159120000000,0.36811300000000
C3B2H1S1P5L2M1J2E2A2,BRN,CL5Q,4,12,10,13,340,15,40,MNAVG,0.28874500000000,0.07439497000000
C3B2H1S1P5L2M1J2E2A3,BRN,CL5Q,4,12,10,13,340,15,40,MNHVY,0.52589820000000,0.71989440000000
C3B2H1S1P5L2M2J1E1A1,BRN,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00074403890000,0.00172238600000
C3B2H1S1P5L2M2J1E1A2,BRN,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00020620310000,0.00021527600000
C3B2H1S1P5L2M2J1E1A3,BRN,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00020428460000,0.00262507500000
C3B2H1S1P5L2M2J1E2A1,BRN,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00074403890000,0.00172238600000
C3B2H1S1P5L2M2J1E2A2,BRN,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00020620310000,0.00021527600000
C3B2H1S1P5L2M2J1E2A3,BRN,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00020428460000,0.00262507500000
C3B2H1S1P5L2M2J2E1A1,BRN,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00676797400000,0.01473493000000
```

```
C3B2H1S1P5L2M2J2E1A2,BRN,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00222141200000,0.00266352100000
C3B2H1S1P5L2M2J2E1A3,BRN,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00368284100000,0.02812905000000
C3B2H1S1P5L2M2J2E2A1,BRN,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00676797400000,0.01473493000000
C3B2H1S1P5L2M2J2E2A2,BRN,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00222141200000,0.00266352100000
C3B2H1S1P5L2M2J2E2A3,BRN,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00368284100000,0.02812905000000
C3B2H1S1P5L2M3J1E1A1,BRN,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00001267002000,0.00004249789000
C3B2H1S1P5L2M3J1E1A2,BRN,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000357852600,0.00000404787900
C3B2H1S1P5L2M3J1E1A3,BRN,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000272545000,0.00005292217000
C3B2H1S1P5L2M3J1E2A1,BRN,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00001267002000,0.00004249789000
C3B2H1S1P5L2M3J1E2A2,BRN,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000357852600,0.00000404787900
C3B2H1S1P5L2M3J1E2A3,BRN,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000272545000,0.00005292217000
C3B2H1S1P5L2M3J2E1A1,BRN,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00017423590000,0.00064077300000
C3B2H1S1P5L2M3J2E1A2,BRN,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00004336382000,0.00009734539000
C3B2H1S1P5L2M3J2E1A3,BRN,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00006264170000,0.00113873200000
C3B2H1S1P5L2M3J2E2A1,BRN,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00017423590000,0.00064077300000
C3B2H1S1P5L2M3J2E2A2,BRN,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00004336382000,0.00009734539000
C3B2H1S1P5L2M3J2E2A3,BRN,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00006264170000,0.00113873200000
C3B2H1S1P6L1M1J1E1A1,BRN,CL5Q,4,12,11,12,340,12,10,MEPDG,0.31654550000000,0.19930730000000
C3B2H1S1P6L1M1J1E1A2,BRN,CL5Q,4,12,11,12,340,12,10,MNAVG,0.09414633000000,0.02942973000000
C3B2H1S1P6L1M1J1E1A3,BRN,CL5Q,4,12,11,12,340,12,10,MNHVY,0.13940430000000,0.35085260000000
C3B2H1S1P6L1M1J1E2A1,BRN,CL5Q,4,12,11,12,340,12,40,MEPDG,0.12021440000000,0.11360050000000
C3B2H1S1P6L1M1J1E2A2,BRN,CL5Q,4,12,11,12,340,12,40,MNAVG,0.03760581000000,0.01607310000000
C3B2H1S1P6L1M1J1E2A3,BRN,CL5Q,4,12,11,12,340,12,40,MNHVY,0.04953595000000,0.19314340000000
C3B2H1S1P6L1M1J2E1A1,BRN,CL5Q,4,12,11,12,340,15,10,MEPDG,1.36655700000000,0.77036120000000
C3B2H1S1P6L1M1J2E1A2,BRN,CL5Q,4,12,11,12,340,15,10,MNAVG,0.57866980000000,0.14442460000000
C3B2H1S1P6L1M1J2E1A3,BRN,CL5Q,4,12,11,12,340,15,10,MNHVY,1.14810300000000,1.51367100000000
C3B2H1S1P6L1M1J2E2A1,BRN,CL5Q,4,12,11,12,340,15,40,MEPDG,0.60106030000000,0.45363630000000
C3B2H1S1P6L1M1J2E2A2,BRN,CL5Q,4,12,11,12,340,15,40,MNAVG,0.26988010000000,0.08452584000000
C3B2H1S1P6L1M1J2E2A3,BRN,CL5Q,4,12,11,12,340,15,40,MNHVY,0.48829130000000,0.87962760000000
C3B2H1S1P6L1M2J1E1A1,BRN,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00210879500000,0.00256634300000
C3B2H1S1P6L1M2J1E1A2,BRN,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00044738200000,0.00029541890000
C3B2H1S1P6L1M2J1E1A3,BRN,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00044816070000,0.00381496400000
C3B2H1S1P6L1M2J1E2A1,BRN,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00055570240000,0.00147780800000
C3B2H1S1P6L1M2J1E2A2,BRN,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00014241210000,0.00016397840000
C3B2H1S1P6L1M2J1E2A3,BRN,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00012691110000,0.00211573200000
C3B2H1S1P6L1M2J2E1A1,BRN,CL5Q,4,12,11,12,590,15,10,MEPDG,0.01534705000000,0.02428519000000
C3B2H1S1P6L1M2J2E1A2,BRN,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00346385400000,0.00393659200000
C3B2H1S1P6L1M2J2E1A3,BRN,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00586802700000,0.04549336000000
C3B2H1S1P6L1M2J2E2A1,BRN,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00486486200000,0.01347813000000
C3B2H1S1P6L1M2J2E2A2,BRN,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00126023900000,0.00216277700000
C3B2H1S1P6L1M2J2E2A3,BRN,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00184857700000,0.02487979000000
C3B2H1S1P6L1M3J1E1A1,BRN,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00005535008000,0.00005990642000
C3B2H1S1P6L1M3J1E1A2,BRN,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000931271100,0.00000508564200
C3B2H1S1P6L1M3J1E1A3,BRN,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000974684000,0.00007212094000
C3B2H1S1P6L1M3J1E2A1,BRN,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000914659300,0.00003643247000
C3B2H1S1P6L1M3J1E2A2,BRN,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000217478600,0.00000296829300
C3B2H1S1P6L1M3J1E2A3,BRN,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000163203700,0.00004165685000
C3B2H1S1P6L1M3J2E1A1,BRN,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00035108330000,0.00099144780000
C3B2H1S1P6L1M3J2E1A2,BRN,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00006082593000,0.00013087250000
C3B2H1S1P6L1M3J2E1A3,BRN,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00008463266000,0.00167657600000
```

```
C3B2H1S1P6L1M3J2E2A1,BRN,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00008493327000,0.00053166180000
C3B2H1S1P6L1M3J2E2A2,BRN,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00001821433000,0.00006941956000
C3B2H1S1P6L1M3J2E2A3,BRN,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00002147472000,0.00088137770000
C3B2H1S1P6L2M1J1E1A1,BRN,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02517303000000,0.05287787000000
C3B2H1S1P6L2M1J1E1A2,BRN,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00785447700000,0.00770286600000
C3B2H1S1P6L2M1J1E1A3,BRN,CL5Q,4,12,11,13,340,12,10,MNHVY,0.01002272000000,0.09092211000000
C3B2H1S1P6L2M1J1E2A1,BRN,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02517303000000,0.05287787000000
C3B2H1S1P6L2M1J1E2A2,BRN,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00785447700000,0.00770286600000
C3B2H1S1P6L2M1J1E2A3,BRN,CL5Q,4,12,11,13,340,12,40,MNHVY,0.01002272000000,0.09092211000000
C3B2H1S1P6L2M1J2E1A1,BRN,CL5Q,4,12,11,13,340,15,10,MEPDG,0.14075270000000,0.24742790000000
C3B2H1S1P6L2M1J2E1A2,BRN,CL5Q,4,12,11,13,340,15,10,MNAVG,0.06345996000000,0.04766443000000
C3B2H1S1P6L2M1J2E1A3,BRN,CL5Q,4,12,11,13,340,15,10,MNHVY,0.11276260000000,0.48411210000000
C3B2H1S1P6L2M1J2E2A1,BRN,CL5Q,4,12,11,13,340,15,40,MEPDG,0.14075270000000,0.24742790000000
C3B2H1S1P6L2M1J2E2A2,BRN,CL5Q,4,12,11,13,340,15,40,MNAVG,0.06345996000000,0.04766443000000
C3B2H1S1P6L2M1J2E2A3,BRN,CL5Q,4,12,11,13,340,15,40,MNHVY,0.11276260000000,0.48411210000000
C3B2H1S1P6L2M2J1E1A1,BRN,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00009885471000,0.00065573140000
C3B2H1S1P6L2M2J1E1A2,BRN,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00002654700000,0.00007546235000
C3B2H1S1P6L2M2J1E1A3,BRN,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00002283070000,0.00096023390000
C3B2H1S1P6L2M2J1E2A1,BRN,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00009885471000,0.00065573140000
C3B2H1S1P6L2M2J1E2A2,BRN,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00002654700000,0.00007546235000
C3B2H1S1P6L2M2J1E2A3,BRN,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00002283070000,0.00096023390000
C3B2H1S1P6L2M2J2E1A1,BRN,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00097059200000,0.00696905200000
C3B2H1S1P6L2M2J2E1A2,BRN,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00025904670000,0.00116073500000
C3B2H1S1P6L2M2J2E1A3,BRN,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00036886630000,0.01306292000000
C3B2H1S1P6L2M2J2E2A1,BRN,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00097059200000,0.00696905200000
C3B2H1S1P6L2M2J2E2A2,BRN,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00025904670000,0.00116073500000
C3B2H1S1P6L2M2J2E2A3,BRN,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00036886630000,0.01306292000000
C3B2H1S1P6L2M3J1E1A1,BRN,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000205486300,0.00001552649000
C3B2H1S1P6L2M3J1E1A2,BRN,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000044371430,0.00000130022500
C3B2H1S1P6L2M3J1E1A3,BRN,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000039191700,0.00001817439000
C3B2H1S1P6L2M3J1E2A1,BRN,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000205486300,0.00001552649000
C3B2H1S1P6L2M3J1E2A2,BRN,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000044371430,0.00000130022500
C3B2H1S1P6L2M3J1E2A3,BRN,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000039191700,0.00001817439000
C3B2H1S1P6L2M3J2E1A1,BRN,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00001507102000,0.00025792280000
C3B2H1S1P6L2M3J2E1A2,BRN,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000338974200,0.00003465510000
C3B2H1S1P6L2M3J2E1A3,BRN,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000386235700,0.00043520950000
C3B2H1S1P6L2M3J2E2A1,BRN,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00001507102000,0.00025792280000
C3B2H1S1P6L2M3J2E2A2,BRN,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000338974200,0.00003465510000
C3B2H1S1P6L2M3J2E2A3,BRN,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000386235700,0.00043520950000
C3B2H1S1P7L1M1J1E1A1,BRN,CL5Q,4,12,12,12,340,12,10,MEPDG,0.07483776000000,0.08944415000000
C3B2H1S1P7L1M1J1E1A2,BRN,CL5Q,4,12,12,12,340,12,10,MNAVG,0.01780278000000,0.01232631000000
C3B2H1S1P7L1M1J1E1A3,BRN,CL5Q,4,12,12,12,340,12,10,MNHVY,0.02357087000000,0.15215480000000
C3B2H1S1P7L1M1J1E2A1,BRN,CL5Q,4,12,12,12,340,12,40,MEPDG,0.02549441000000,0.05341196000000
C3B2H1S1P7L1M1J1E2A2,BRN,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00674445600000,0.00715163600000
C3B2H1S1P7L1M1J1E2A3,BRN,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00786407700000,0.08846069000000
C3B2H1S1P7L1M1J2E1A1,BRN,CL5Q,4,12,12,12,340,15,10,MEPDG,0.37297510000000,0.45677220000000
C3B2H1S1P7L1M1J2E1A2,BRN,CL5Q,4,12,12,12,340,15,10,MNAVG,0.11982720000000,0.08061469000000
C3B2H1S1P7L1M1J2E1A3,BRN,CL5Q,4,12,12,12,340,15,10,MNHVY,0.22833940000000,0.88659850000000
C3B2H1S1P7L1M1J2E2A1,BRN,CL5Q,4,12,12,12,340,15,40,MEPDG,0.14663970000000,0.27857830000000
C3B2H1S1P7L1M1J2E2A2,BRN,CL5Q,4,12,12,12,340,15,40,MNAVG,0.05107061000000,0.04907295000000
```

```
C3B2H1S1P7L1M1J2E2A3,BRN,CL5Q,4,12,12,12,340,15,40,MNHVY,0.08605155000000,0.53450350000000
C3B2H1S1P7L1M2J1E1A1,BRN,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00035541010000,0.00094521010000
C3B2H1S1P7L1M2J1E1A2,BRN,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00006870193000,0.00009861284000
C3B2H1S1P7L1M2J1E1A3,BRN,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00005952740000,0.00132838800000
C3B2H1S1P7L1M2J1E2A1,BRN,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00008161480000,0.00058752230000
C3B2H1S1P7L1M2J1E2A2,BRN,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00002004474000,0.00006054706000
C3B2H1S1P7L1M2J1E2A3,BRN,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00001539347000,0.00080735390000
C3B2H1S1P7L1M2J2E1A1,BRN,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00226066300000,0.01052727000000
C3B2H1S1P7L1M2J2E1A2,BRN,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00041805400000,0.00155651600000
C3B2H1S1P7L1M2J2E1A3,BRN,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00054467950000,0.01892962000000
C3B2H1S1P7L1M2J2E2A1,BRN,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00061403150000,0.00602628400000
C3B2H1S1P7L1M2J2E2A2,BRN,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00013779440000,0.00088949830000
C3B2H1S1P7L1M2J2E2A3,BRN,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00015394200000,0.01072035000000
C3B2H1S1P7L1M3J1E1A1,BRN,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000579702000,0.00002149893000
C3B2H1S1P7L1M3J1E1A2,BRN,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000098388810,0.00000161552700
C3B2H1S1P7L1M3J1E1A3,BRN,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000066844000,0.00002390574000
C3B2H1S1P7L1M3J1E2A1,BRN,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000101191300,0.00001002267000
C3B2H1S1P7L1M3J1E2A2,BRN,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000023565360,0.00000077867390
C3B2H1S1P7L1M3J1E2A3,BRN,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000014351250,0.00001153336000
C3B2H1S1P7L1M3J2E1A1,BRN,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00003298484000,0.00038209240000
C3B2H1S1P7L1M3J2E1A2,BRN,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000516325100,0.00004347237000
C3B2H1S1P7L1M3J2E1A3,BRN,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000488622200,0.00059522320000
C3B2H1S1P7L1M3J2E2A1,BRN,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000682885800,0.00022606080000
C3B2H1S1P7L1M3J2E2A2,BRN,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000140209200,0.00002562436000
C3B2H1S1P7L1M3J2E2A3,BRN,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000116043500,0.00034643210000
C3B2H1S1P7L2M1J1E1A1,BRN,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00506586100000,0.02571146000000
C3B2H1S1P7L2M1J1E1A2,BRN,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00136772700000,0.00354617800000
C3B2H1S1P7L2M1J1E1A3,BRN,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00152985800000,0.04315358000000
C3B2H1S1P7L2M1J1E2A1,BRN,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00506586100000,0.02571146000000
C3B2H1S1P7L2M1J1E2A2,BRN,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00136772700000,0.00354617800000
C3B2H1S1P7L2M1J1E2A3,BRN,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00152985800000,0.04315358000000
C3B2H1S1P7L2M1J2E1A1,BRN,CL5Q,4,12,12,13,340,15,10,MEPDG,0.03226823000000,0.15453620000000
C3B2H1S1P7L2M1J2E1A2,BRN,CL5Q,4,12,12,13,340,15,10,MNAVG,0.01133481000000,0.02817406000000
C3B2H1S1P7L2M1J2E1A3,BRN,CL5Q,4,12,12,13,340,15,10,MNHVY,0.01851506000000,0.29958610000000
C3B2H1S1P7L2M1J2E2A1,BRN,CL5Q,4,12,12,13,340,15,40,MEPDG,0.03226823000000,0.15453620000000
C3B2H1S1P7L2M1J2E2A2,BRN,CL5Q,4,12,12,13,340,15,40,MNAVG,0.01133481000000,0.02817406000000
C3B2H1S1P7L2M1J2E2A3,BRN,CL5Q,4,12,12,13,340,15,40,MNHVY,0.01851506000000,0.29958610000000
C3B2H1S1P7L2M2J1E1A1,BRN,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00001368455000,0.00027171440000
C3B2H1S1P7L2M2J1E1A2,BRN,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000357763500,0.00002906354000
C3B2H1S1P7L2M2J1E1A3,BRN,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000264538400,0.00038320980000
C3B2H1S1P7L2M2J1E2A1,BRN,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00001368455000,0.00027171440000
C3B2H1S1P7L2M2J1E2A2,BRN,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000357763500,0.00002906354000
C3B2H1S1P7L2M2J1E2A3,BRN,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000264538400,0.00038320980000
C3B2H1S1P7L2M2J2E1A1,BRN,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00011312910000,0.00314320000000
C3B2H1S1P7L2M2J2E1A2,BRN,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00002664539000,0.00048040820000
C3B2H1S1P7L2M2J2E1A3,BRN,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00002859256000,0.00568766700000
C3B2H1S1P7L2M2J2E2A1,BRN,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00011312910000,0.00314320000000
C3B2H1S1P7L2M2J2E2A2,BRN,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00002664539000,0.00048040820000
C3B2H1S1P7L2M2J2E2A3,BRN,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00002859256000,0.00568766700000
C3B2H1S1P7L2M3J1E1A1,BRN,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000015162880,0.00000473569500
```

```
C3B2H1S1P7L2M3J1E1A2,BRN,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000003832926,0.00000036722720
C3B2H1S1P7L2M3J1E1A3,BRN,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000002259487,0.00000542762200
C3B2H1S1P7L2M3J1E2A1,BRN,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000015162880,0.00000473569500
C3B2H1S1P7L2M3J1E2A2,BRN,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000003832926,0.00000036722720
C3B2H1S1P7L2M3J1E2A3,BRN,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000002259487,0.00000542762200
C3B2H1S1P7L2M3J2E1A1,BRN,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000111375800,0.00011315270000
C3B2H1S1P7L2M3J2E1A2,BRN,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000024511520,0.00001313078000
C3B2H1S1P7L2M3J2E1A3,BRN,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000019546040,0.00017628640000
C3B2H1S1P7L2M3J2E2A1,BRN,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000111375800,0.00011315270000
C3B2H1S1P7L2M3J2E2A2,BRN,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000024511520,0.00001313078000
C3B2H1S1P7L2M3J2E2A3,BRN,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000019546040,0.00017628640000
C3B2H2S2P1L1M1J1E1A1,BRN,CL5Q,12,4,6,12,340,12,10,MEPDG,34.86903000000000,0.00234722700000
C3B2H2S2P1L1M1J1E1A2,BRN,CL5Q,12,4,6,12,340,12,10,MNAVG,26.51229000000000,0.00026870050000
C3B2H2S2P1L1M1J1E1A3,BRN,CL5Q,12,4,6,12,340,12,10,MNHVY,45.20468000000000,0.00335631400000
C3B2H2S2P1L1M1J1E2A1,BRN,CL5Q,12,4,6,12,340,12,40,MEPDG,20.55351000000000,0.00128435300000
C3B2H2S2P1L1M1J1E2A2,BRN,CL5Q,12,4,6,12,340,12,40,MNAVG,14.93316000000000,0.00014574170000
C3B2H2S2P1L1M1J1E2A3,BRN,CL5Q,12,4,6,12,340,12,40,MNHVY,25.95949000000000,0.00182033700000
C3B2H2S2P1L1M1J2E1A1,BRN,CL5Q,12,4,6,12,340,15,10,MEPDG,44.74697000000000,0.00504299800000
C3B2H2S2P1L1M1J2E1A2,BRN,CL5Q,12,4,6,12,340,15,10,MNAVG,35.76578000000000,0.00078377330000
C3B2H2S2P1L1M1J2E1A3,BRN,CL5Q,12,4,6,12,340,15,10,MNHVY,62.39301000000000,0.00862804200000
C3B2H2S2P1L1M1J2E2A1,BRN,CL5Q,12,4,6,12,340,15,40,MEPDG,27.19049000000000,0.00276243300000
C3B2H2S2P1L1M1J2E2A2,BRN,CL5Q,12,4,6,12,340,15,40,MNAVG,20.95070000000000,0.00044088870000
C3B2H2S2P1L1M1J2E2A3,BRN,CL5Q,12,4,6,12,340,15,40,MNHVY,37.30218000000000,0.00478015700000
C3B2H2S2P1L1M2J1E1A1,BRN,CL5Q,12,4,6,12,590,12,10,MEPDG,4.97528900000000,0.00798131000000
C3B2H2S2P1L1M2J1E1A2,BRN,CL5Q,12,4,6,12,590,12,10,MNAVG,3.25287600000000,0.00091404930000
C3B2H2S2P1L1M2J1E1A3,BRN,CL5Q,12,4,6,12,590,12,10,MNHVY,5.63497200000000,0.01071635000000
C3B2H2S2P1L1M2J1E2A1,BRN,CL5Q,12,4,6,12,590,12,40,MEPDG,2.63598100000000,0.00352969100000
C3B2H2S2P1L1M2J1E2A2,BRN,CL5Q,12,4,6,12,590,12,40,MNAVG,1.68319200000000,0.00037642840000
C3B2H2S2P1L1M2J1E2A3,BRN,CL5Q,12,4,6,12,590,12,40,MNHVY,2.91031400000000,0.00448692000000
C3B2H2S2P1L1M2J2E1A1,BRN,CL5Q,12,4,6,12,590,15,10,MEPDG,9.31370700000000,0.01537814000000
C3B2H2S2P1L1M2J2E1A2,BRN,CL5Q,12,4,6,12,590,15,10,MNAVG,7.02660400000000,0.00256147200000
C3B2H2S2P1L1M2J2E1A3,BRN,CL5Q,12,4,6,12,590,15,10,MNHVY,12.85830000000000,0.02615944000000
C3B2H2S2P1L1M2J2E2A1,BRN,CL5Q,12,4,6,12,590,15,40,MEPDG,5.35941600000000,0.00779190900000
C3B2H2S2P1L1M2J2E2A2,BRN,CL5Q,12,4,6,12,590,15,40,MNAVG,4.02721500000000,0.00128784900000
C3B2H2S2P1L1M2J2E2A3,BRN,CL5Q,12,4,6,12,590,15,40,MNHVY,7.38852900000000,0.01318655000000
C3B2H2S2P1L1M3J1E1A1,BRN,CL5Q,12,4,6,12,840,12,10,MEPDG,0.75115240000000,0.00000000000000
C3B2H2S2P1L1M3J1E1A2,BRN,CL5Q,12,4,6,12,840,12,10,MNAVG,0.38221570000000,0.00000000000000
C3B2H2S2P1L1M3J1E1A3,BRN,CL5Q,12,4,6,12,840,12,10,MNHVY,0.65681090000000,0.00000000000000
C3B2H2S2P1L1M3J1E2A1,BRN,CL5Q,12,4,6,12,840,12,40,MEPDG,0.34570430000000,0.00000000000000
C3B2H2S2P1L1M3J1E2A2,BRN,CL5Q,12,4,6,12,840,12,40,MNAVG,0.17400090000000,0.00000000000000
C3B2H2S2P1L1M3J1E2A3,BRN,CL5Q,12,4,6,12,840,12,40,MNHVY,0.28842220000000,0.00000000000000
C3B2H2S2P1L1M3J2E1A1,BRN,CL5Q,12,4,6,12,840,15,10,MEPDG,2.00627500000000,0.00000000000000
C3B2H2S2P1L1M3J2E1A2,BRN,CL5Q,12,4,6,12,840,15,10,MNAVG,1.30241700000000,0.00000000000000
C3B2H2S2P1L1M3J2E1A3,BRN,CL5Q,12,4,6,12,840,15,10,MNHVY,2.55714800000000,0.00000000000000
C3B2H2S2P1L1M3J2E2A1,BRN,CL5Q,12,4,6,12,840,15,40,MEPDG,1.03845100000000,0.00001588685000
C3B2H2S2P1L1M3J2E2A2,BRN,CL5Q,12,4,6,12,840,15,40,MNAVG,0.68380280000000,0.00000311338400
C3B2H2S2P1L1M3J2E2A3,BRN,CL5Q,12,4,6,12,840,15,40,MNHVY,1.31510000000000,0.00003121823000
C3B2H2S2P1L2M1J1E1A1,BRN,CL5Q,12,4,6,13,340,12,10,MEPDG,5.18509000000000,0.00046896200000
C3B2H2S2P1L2M1J1E1A2,BRN,CL5Q,12,4,6,13,340,12,10,MNAVG,3.64655200000000,0.00005526606000
C3B2H2S2P1L2M1J1E1A3,BRN,CL5Q,12,4,6,13,340,12,10,MNHVY,6.41784500000000,0.00067467930000
```

```
C3B2H2S2P1L2M1J1E2A1,BRN,CL5Q,12,4,6,13,340,12,40,MEPDG,5.18509000000000,0.00046896200000
C3B2H2S2P1L2M1J1E2A2,BRN,CL5Q,12,4,6,13,340,12,40,MNAVG,3.64655200000000,0.00005526606000
C3B2H2S2P1L2M1J1E2A3,BRN,CL5Q,12,4,6,13,340,12,40,MNHVY,6.41784500000000,0.00067467930000
C3B2H2S2P1L2M1J2E1A1,BRN,CL5Q,12,4,6,13,340,15,10,MEPDG,7.07282400000000,0.00114536300000
C3B2H2S2P1L2M1J2E1A2,BRN,CL5Q,12,4,6,13,340,15,10,MNAVG,5.33120400000000,0.00019521350000
C3B2H2S2P1L2M1J2E1A3,BRN,CL5Q,12,4,6,13,340,15,10,MNHVY,9.58268200000000,0.00202771000000
C3B2H2S2P1L2M1J2E2A1,BRN,CL5Q,12,4,6,13,340,15,40,MEPDG,7.07282400000000,0.00114536300000
C3B2H2S2P1L2M1J2E2A2,BRN,CL5Q,12,4,6,13,340,15,40,MNAVG,5.33120400000000,0.00019521350000
C3B2H2S2P1L2M1J2E2A3,BRN,CL5Q,12,4,6,13,340,15,40,MNHVY,9.58268200000000,0.00202771000000
C3B2H2S2P1L2M2J1E1A1,BRN,CL5Q,12,4,6,13,590,12,10,MEPDG,0.64474000000000,0.00123401300000
C3B2H2S2P1L2M2J1E1A2,BRN,CL5Q,12,4,6,13,590,12,10,MNAVG,0.40193000000000,0.00013937210000
C3B2H2S2P1L2M2J1E1A3,BRN,CL5Q,12,4,6,13,590,12,10,MNHVY,0.70657600000000,0.00162236000000
C3B2H2S2P1L2M2J1E2A1,BRN,CL5Q,12,4,6,13,590,12,40,MEPDG,0.64474000000000,0.00123401300000
C3B2H2S2P1L2M2J1E2A2,BRN,CL5Q,12,4,6,13,590,12,40,MNAVG,0.40193000000000,0.00013937210000
C3B2H2S2P1L2M2J1E2A3,BRN,CL5Q,12,4,6,13,590,12,40,MNHVY,0.70657600000000,0.00162236000000
C3B2H2S2P1L2M2J2E1A1,BRN,CL5Q,12,4,6,13,590,15,10,MEPDG,1.42968700000000,0.00341142800000
C3B2H2S2P1L2M2J2E1A2,BRN,CL5Q,12,4,6,13,590,15,10,MNAVG,1.07531100000000,0.00060827550000
C3B2H2S2P1L2M2J2E1A3,BRN,CL5Q,12,4,6,13,590,15,10,MNHVY,1.99523500000000,0.00594448800000
C3B2H2S2P1L2M2J2E2A1,BRN,CL5Q,12,4,6,13,590,15,40,MEPDG,1.42968700000000,0.00341142800000
C3B2H2S2P1L2M2J2E2A2,BRN,CL5Q,12,4,6,13,590,15,40,MNAVG,1.07531100000000,0.00060827550000
C3B2H2S2P1L2M2J2E2A3,BRN,CL5Q,12,4,6,13,590,15,40,MNHVY,1.99523500000000,0.00594448800000
C3B2H2S2P1L2M3J1E1A1,BRN,CL5Q,12,4,6,13,840,12,10,MEPDG,0.07893761000000,0.00000000000000
C3B2H2S2P1L2M3J1E1A2,BRN,CL5Q,12,4,6,13,840,12,10,MNAVG,0.03872897000000,0.00000000000000
C3B2H2S2P1L2M3J1E1A3,BRN,CL5Q,12,4,6,13,840,12,10,MNHVY,0.06477454000000,0.00000000000000
C3B2H2S2P1L2M3J1E2A1,BRN,CL5Q,12,4,6,13,840,12,40,MEPDG,0.07893761000000,0.00000000000000
C3B2H2S2P1L2M3J1E2A2,BRN,CL5Q,12,4,6,13,840,12,40,MNAVG,0.03872897000000,0.00000000000000
C3B2H2S2P1L2M3J1E2A3,BRN,CL5Q,12,4,6,13,840,12,40,MNHVY,0.06477454000000,0.00000000000000
C3B2H2S2P1L2M3J2E1A1,BRN,CL5Q,12,4,6,13,840,15,10,MEPDG,0.26674790000000,0.00000000000000
C3B2H2S2P1L2M3J2E1A2,BRN,CL5Q,12,4,6,13,840,15,10,MNAVG,0.17570110000000,0.00000000000000
C3B2H2S2P1L2M3J2E1A3,BRN,CL5Q,12,4,6,13,840,15,10,MNHVY,0.34359460000000,0.00000000000000
C3B2H2S2P1L2M3J2E2A1,BRN,CL5Q,12,4,6,13,840,15,40,MEPDG,0.26674790000000,0.00000000000000
C3B2H2S2P1L2M3J2E2A2,BRN,CL5Q,12,4,6,13,840,15,40,MNAVG,0.17570110000000,0.00000000000000
C3B2H2S2P1L2M3J2E2A3,BRN,CL5Q,12,4,6,13,840,15,40,MNHVY,0.34359460000000,0.00000000000000
C3B2H2S2P2L1M1J1E1A1,BRN,CL5Q,12,4,7,12,340,12,10,MEPDG,21.90532000000000,0.03097719000000
C3B2H2S2P2L1M1J1E1A2,BRN,CL5Q,12,4,7,12,340,12,10,MNAVG,16.24322000000000,0.00408305100000
C3B2H2S2P2L1M1J1E1A3,BRN,CL5Q,12,4,7,12,340,12,10,MNHVY,29.13148000000000,0.04776268000000
C3B2H2S2P2L1M1J1E2A1,BRN,CL5Q,12,4,7,12,340,12,40,MEPDG,12.51736000000000,0.01423778000000
C3B2H2S2P2L1M1J1E2A2,BRN,CL5Q,12,4,7,12,340,12,40,MNAVG,9.10437200000000,0.00177102300000
C3B2H2S2P2L1M1J1E2A3,BRN,CL5Q,12,4,7,12,340,12,40,MNHVY,16.32825000000000,0.02111765000000
C3B2H2S2P2L1M1J2E1A1,BRN,CL5Q,12,4,7,12,340,15,10,MEPDG,37.91450000000000,0.05611056000000
C3B2H2S2P2L1M1J2E1A2,BRN,CL5Q,12,4,7,12,340,15,10,MNAVG,31.20779000000000,0.00951475400000
C3B2H2S2P2L1M1J2E1A3,BRN,CL5Q,12,4,7,12,340,15,10,MNHVY,57.74842000000000,0.10011200000000
C3B2H2S2P2L1M1J2E2A1,BRN,CL5Q,12,4,7,12,340,15,40,MEPDG,23.31072000000000,0.03084074000000
C3B2H2S2P2L1M1J2E2A2,BRN,CL5Q,12,4,7,12,340,15,40,MNAVG,19.10434000000000,0.00520992400000
C3B2H2S2P2L1M1J2E2A3,BRN,CL5Q,12,4,7,12,340,15,40,MNHVY,35.43755000000000,0.05488560000000
C3B2H2S2P2L1M2J1E1A1,BRN,CL5Q,12,4,7,12,590,12,10,MEPDG,1.54151100000000,0.01402472000000
C3B2H2S2P2L1M2J1E1A2,BRN,CL5Q,12,4,7,12,590,12,10,MNAVG,0.80857080000000,0.00176628900000
C3B2H2S2P2L1M2J1E1A3,BRN,CL5Q,12,4,7,12,590,12,10,MNHVY,1.44233100000000,0.02039574000000
C3B2H2S2P2L1M2J1E2A1,BRN,CL5Q,12,4,7,12,590,12,40,MEPDG,0.72834370000000,0.00695217300000
C3B2H2S2P2L1M2J1E2A2,BRN,CL5Q,12,4,7,12,590,12,40,MNAVG,0.38233200000000,0.00081598710000
```

```
C3B2H2S2P2L1M2J1E2A3,BRN,CL5Q,12,4,7,12,590,12,40,MNHVY,0.65323230000000,0.00954373000000
C3B2H2S2P2L1M2J2E1A1,BRN,CL5Q,12,4,7,12,590,15,10,MEPDG,4.50485600000000,0.04222371000000
C3B2H2S2P2L1M2J2E1A2,BRN,CL5Q,12,4,7,12,590,15,10,MNAVG,2.99468900000000,0.00790741300000
C3B2H2S2P2L1M2J2E1A3,BRN,CL5Q,12,4,7,12,590,15,10,MNHVY,6.00965100000000,0.07702860000000
C3B2H2S2P2L1M2J2E2A1,BRN,CL5Q,12,4,7,12,590,15,40,MEPDG,2.39478000000000,0.02020722000000
C3B2H2S2P2L1M2J2E2A2,BRN,CL5Q,12,4,7,12,590,15,40,MNAVG,1.62942400000000,0.00367139400000
C3B2H2S2P2L1M2J2E2A3,BRN,CL5Q,12,4,7,12,590,15,40,MNHVY,3.17482000000000,0.03622808000000
C3B2H2S2P2L1M3J1E1A1,BRN,CL5Q,12,4,7,12,840,12,10,MEPDG,0.15646230000000,0.00175057700000
C3B2H2S2P2L1M3J1E1A2,BRN,CL5Q,12,4,7,12,840,12,10,MNAVG,0.05854237000000,0.00019179890000
C3B2H2S2P2L1M3J1E1A3,BRN,CL5Q,12,4,7,12,840,12,10,MNHVY,0.10036480000000,0.00228707000000
C3B2H2S2P2L1M3J1E2A1,BRN,CL5Q,12,4,7,12,840,12,40,MEPDG,0.06171964000000,0.00077257960000
C3B2H2S2P2L1M3J1E2A2,BRN,CL5Q,12,4,7,12,840,12,40,MNAVG,0.02369528000000,0.00007753712000
C3B2H2S2P2L1M3J1E2A3,BRN,CL5Q,12,4,7,12,840,12,40,MNHVY,0.03712397000000,0.00093922470000
C3B2H2S2P2L1M3J2E1A1,BRN,CL5Q,12,4,7,12,840,15,10,MEPDG,0.72477550000000,0.01012426000000
C3B2H2S2P2L1M3J2E1A2,BRN,CL5Q,12,4,7,12,840,15,10,MNAVG,0.37174410000000,0.00175860900000
C3B2H2S2P2L1M3J2E1A3,BRN,CL5Q,12,4,7,12,840,15,10,MNHVY,0.83517650000000,0.01806491000000
C3B2H2S2P2L1M3J2E2A1,BRN,CL5Q,12,4,7,12,840,15,40,MEPDG,0.33552170000000,0.00455862800000
C3B2H2S2P2L1M3J2E2A2,BRN,CL5Q,12,4,7,12,840,15,40,MNAVG,0.18000480000000,0.00075529330000
C3B2H2S2P2L1M3J2E2A3,BRN,CL5Q,12,4,7,12,840,15,40,MNHVY,0.38034220000000,0.00787239100000
C3B2H2S2P2L2M1J1E1A1,BRN,CL5Q,12,4,7,13,340,12,10,MEPDG,3.21783700000000,0.00538774300000
C3B2H2S2P2L2M1J1E1A2,BRN,CL5Q,12,4,7,13,340,12,10,MNAVG,2.29832300000000,0.00070616350000
C3B2H2S2P2L2M1J1E1A3,BRN,CL5Q,12,4,7,13,340,12,10,MNHVY,4.15533100000000,0.00815205100000
C3B2H2S2P2L2M1J1E2A1,BRN,CL5Q,12,4,7,13,340,12,40,MEPDG,3.21783700000000,0.00538774300000
C3B2H2S2P2L2M1J1E2A2,BRN,CL5Q,12,4,7,13,340,12,40,MNAVG,2.29832300000000,0.00070616350000
C3B2H2S2P2L2M1J1E2A3,BRN,CL5Q,12,4,7,13,340,12,40,MNHVY,4.15533100000000,0.00815205100000
C3B2H2S2P2L2M1J2E1A1,BRN,CL5Q,12,4,7,13,340,15,10,MEPDG,6.52905400000000,0.01375689000000
C3B2H2S2P2L2M1J2E1A2,BRN,CL5Q,12,4,7,13,340,15,10,MNAVG,5.36435300000000,0.00245687100000
C3B2H2S2P2L2M1J2E1A3,BRN,CL5Q,12,4,7,13,340,15,10,MNHVY,9.97763800000000,0.02486717000000
C3B2H2S2P2L2M1J2E2A1,BRN,CL5Q,12,4,7,13,340,15,40,MEPDG,6.52905400000000,0.01375689000000
C3B2H2S2P2L2M1J2E2A2,BRN,CL5Q,12,4,7,13,340,15,40,MNAVG,5.36435300000000,0.00245687100000
C3B2H2S2P2L2M1J2E2A3,BRN,CL5Q,12,4,7,13,340,15,40,MNHVY,9.97763800000000,0.02486717000000
C3B2H2S2P2L2M2J1E1A1,BRN,CL5Q,12,4,7,13,590,12,10,MEPDG,0.16989180000000,0.00259855600000
C3B2H2S2P2L2M2J1E1A2,BRN,CL5Q,12,4,7,13,590,12,10,MNAVG,0.08729435000000,0.00031960810000
C3B2H2S2P2L2M2J1E1A3,BRN,CL5Q,12,4,7,13,590,12,10,MNHVY,0.14956310000000,0.00366576800000
C3B2H2S2P2L2M2J1E2A1,BRN,CL5Q,12,4,7,13,590,12,40,MEPDG,0.16989180000000,0.00259855600000
C3B2H2S2P2L2M2J1E2A2,BRN,CL5Q,12,4,7,13,590,12,40,MNAVG,0.08729435000000,0.00031960810000
C3B2H2S2P2L2M2J1E2A3,BRN,CL5Q,12,4,7,13,590,12,40,MNHVY,0.14956310000000,0.00366576800000
C3B2H2S2P2L2M2J2E1A1,BRN,CL5Q,12,4,7,13,590,15,10,MEPDG,0.63187860000000,0.00938838300000
C3B2H2S2P2L2M2J2E1A2,BRN,CL5Q,12,4,7,13,590,15,10,MNAVG,0.43185480000000,0.00180340300000
C3B2H2S2P2L2M2J2E1A3,BRN,CL5Q,12,4,7,13,590,15,10,MNHVY,0.84587900000000,0.01715585000000
C3B2H2S2P2L2M2J2E2A1,BRN,CL5Q,12,4,7,13,590,15,40,MEPDG,0.63187860000000,0.00938838300000
C3B2H2S2P2L2M2J2E2A2,BRN,CL5Q,12,4,7,13,590,15,40,MNAVG,0.43185480000000,0.00180340300000
C3B2H2S2P2L2M2J2E2A3,BRN,CL5Q,12,4,7,13,590,15,40,MNHVY,0.84587900000000,0.01715585000000
C3B2H2S2P2L2M3J1E1A1,BRN,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01329306000000,0.00000000000000
C3B2H2S2P2L2M3J1E1A2,BRN,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00502381800000,0.00000000000000
C3B2H2S2P2L2M3J1E1A3,BRN,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00781148000000,0.00000000000000
C3B2H2S2P2L2M3J1E2A1,BRN,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01329306000000,0.00000000000000
C3B2H2S2P2L2M3J1E2A2,BRN,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00502381800000,0.00000000000000
C3B2H2S2P2L2M3J1E2A3,BRN,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00781148000000,0.00000000000000
C3B2H2S2P2L2M3J2E1A1,BRN,CL5Q,12,4,7,13,840,15,10,MEPDG,0.08288108000000,0.00192747700000
```

```
C3B2H2S2P2L2M3J2E1A2,BRN,CL5Q,12,4,7,13,840,15,10,MNAVG,0.04445400000000,0.00032676380000
C3B2H2S2P2L2M3J2E1A3,BRN,CL5Q,12,4,7,13,840,15,10,MNHVY,0.09457613000000,0.00338519000000
C3B2H2S2P2L2M3J2E2A1,BRN,CL5Q,12,4,7,13,840,15,40,MEPDG,0.08288108000000,0.00192747700000
C3B2H2S2P2L2M3J2E2A2,BRN,CL5Q,12,4,7,13,840,15,40,MNAVG,0.04445400000000,0.00032676380000
C3B2H2S2P2L2M3J2E2A3,BRN,CL5Q,12,4,7,13,840,15,40,MNHVY,0.09457613000000,0.00338519000000
C3B2H2S2P3L1M1J1E1A1,BRN,CL5Q,12,4,8,12,340,12,10,MEPDG,8.57767800000000,0.08725166000000
C3B2H2S2P3L1M1J1E1A2,BRN,CL5Q,12,4,8,12,340,12,10,MNAVG,5.39791400000000,0.01271614000000
C3B2H2S2P3L1M1J1E1A3,BRN,CL5Q,12,4,8,12,340,12,10,MNHVY,9.83003300000000,0.14454770000000
C3B2H2S2P3L1M1J1E2A1,BRN,CL5Q,12,4,8,12,340,12,40,MEPDG,4.49165200000000,0.04264181000000
C3B2H2S2P3L1M1J1E2A2,BRN,CL5Q,12,4,8,12,340,12,40,MNAVG,2.82493700000000,0.00590900000000
C3B2H2S2P3L1M1J1E2A3,BRN,CL5Q,12,4,8,12,340,12,40,MNHVY,4.99986800000000,0.06821458000000
C3B2H2S2P3L1M1J2E1A1,BRN,CL5Q,12,4,8,12,340,15,10,MEPDG,19.88976000000000,0.15948530000000
C3B2H2S2P3L1M1J2E1A2,BRN,CL5Q,12,4,8,12,340,15,10,MNAVG,14.88460000000000,0.02936037000000
C3B2H2S2P3L1M1J2E1A3,BRN,CL5Q,12,4,8,12,340,15,10,MNHVY,28.86077000000000,0.29751820000000
C3B2H2S2P3L1M1J2E2A1,BRN,CL5Q,12,4,8,12,340,15,40,MEPDG,11.54677000000000,0.08569741000000
C3B2H2S2P3L1M1J2E2A2,BRN,CL5Q,12,4,8,12,340,15,40,MNAVG,8.79006300000000,0.01552547000000
C3B2H2S2P3L1M1J2E2A3,BRN,CL5Q,12,4,8,12,340,15,40,MNHVY,16.71053000000000,0.15820660000000
C3B2H2S2P3L1M2J1E1A1,BRN,CL5Q,12,4,8,12,590,12,10,MEPDG,0.35317280000000,0.01132899000000
C3B2H2S2P3L1M2J1E1A2,BRN,CL5Q,12,4,8,12,590,12,10,MNAVG,0.13771910000000,0.00153392000000
C3B2H2S2P3L1M2J1E1A3,BRN,CL5Q,12,4,8,12,590,12,10,MNHVY,0.24109370000000,0.01770430000000
C3B2H2S2P3L1M2J1E2A1,BRN,CL5Q,12,4,8,12,590,12,40,MEPDG,0.14605080000000,0.00571694500000
C3B2H2S2P3L1M2J1E2A2,BRN,CL5Q,12,4,8,12,590,12,40,MNAVG,0.05869382000000,0.00070524870000
C3B2H2S2P3L1M2J1E2A3,BRN,CL5Q,12,4,8,12,590,12,40,MNHVY,0.09454331000000,0.00829981000000
C3B2H2S2P3L1M2J2E1A1,BRN,CL5Q,12,4,8,12,590,15,10,MEPDG,1.58587400000000,0.05069990000000
C3B2H2S2P3L1M2J2E1A2,BRN,CL5Q,12,4,8,12,590,15,10,MNAVG,0.85336170000000,0.00972172100000
C3B2H2S2P3L1M2J2E1A3,BRN,CL5Q,12,4,8,12,590,15,10,MNHVY,1.87134000000000,0.09555275000000
C3B2H2S2P3L1M2J2E2A1,BRN,CL5Q,12,4,8,12,590,15,40,MEPDG,0.75763730000000,0.02577838000000
C3B2H2S2P3L1M2J2E2A2,BRN,CL5Q,12,4,8,12,590,15,40,MNAVG,0.42777100000000,0.00481820200000
C3B2H2S2P3L1M2J2E2A3,BRN,CL5Q,12,4,8,12,590,15,40,MNHVY,0.87953750000000,0.04771201000000
C3B2H2S2P3L1M3J1E1A1,BRN,CL5Q,12,4,8,12,840,12,10,MEPDG,0.02215904000000,0.00058549350000
C3B2H2S2P3L1M3J1E1A2,BRN,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00608830100000,0.00007618311000
C3B2H2S2P3L1M3J1E1A3,BRN,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00901126400000,0.00090436200000
C3B2H2S2P3L1M3J1E2A1,BRN,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00749682600000,0.00026789980000
C3B2H2S2P3L1M3J1E2A2,BRN,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00222958700000,0.00003197246000
C3B2H2S2P3L1M3J1E2A3,BRN,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00295295700000,0.00038746030000
C3B2H2S2P3L1M3J2E1A1,BRN,CL5Q,12,4,8,12,840,15,10,MEPDG,0.17351130000000,0.00674961300000
C3B2H2S2P3L1M3J2E1A2,BRN,CL5Q,12,4,8,12,840,15,10,MNAVG,0.06468493000000,0.00117690700000
C3B2H2S2P3L1M3J2E1A3,BRN,CL5Q,12,4,8,12,840,15,10,MNHVY,0.16063910000000,0.01250039000000
C3B2H2S2P3L1M3J2E2A1,BRN,CL5Q,12,4,8,12,840,15,40,MEPDG,0.06937327000000,0.00304898200000
C3B2H2S2P3L1M3J2E2A2,BRN,CL5Q,12,4,8,12,840,15,40,MNAVG,0.02779671000000,0.00050552810000
C3B2H2S2P3L1M3J2E2A3,BRN,CL5Q,12,4,8,12,840,15,40,MNHVY,0.06226664000000,0.00544624800000
C3B2H2S2P3L2M1J1E1A1,BRN,CL5Q,12,4,8,13,340,12,10,MEPDG,1.11056100000000,0.01720309000000
C3B2H2S2P3L2M1J1E1A2,BRN,CL5Q,12,4,8,13,340,12,10,MNAVG,0.68598990000000,0.00249399300000
C3B2H2S2P3L2M1J1E1A3,BRN,CL5Q,12,4,8,13,340,12,10,MNHVY,1.21699500000000,0.02799862000000
C3B2H2S2P3L2M1J1E2A1,BRN,CL5Q,12,4,8,13,340,12,40,MEPDG,1.11056100000000,0.01720309000000
C3B2H2S2P3L2M1J1E2A2,BRN,CL5Q,12,4,8,13,340,12,40,MNAVG,0.68598990000000,0.00249399300000
C3B2H2S2P3L2M1J1E2A3,BRN,CL5Q,12,4,8,13,340,12,40,MNHVY,1.21699500000000,0.02799862000000
C3B2H2S2P3L2M1J2E1A1,BRN,CL5Q,12,4,8,13,340,15,10,MEPDG,3.19984800000000,0.04149079000000
C3B2H2S2P3L2M1J2E1A2,BRN,CL5Q,12,4,8,13,340,15,10,MNAVG,2.45279700000000,0.00790724700000
C3B2H2S2P3L2M1J2E1A3,BRN,CL5Q,12,4,8,13,340,15,10,MNHVY,4.65906600000000,0.07752183000000
```

```
C3B2H2S2P3L2M1J2E2A1,BRN,CL5Q,12,4,8,13,340,15,40,MEPDG,3.19984800000000,0.04149079000000
C3B2H2S2P3L2M1J2E2A2,BRN,CL5Q,12,4,8,13,340,15,40,MNAVG,2.45279700000000,0.00790724700000
C3B2H2S2P3L2M1J2E2A3,BRN,CL5Q,12,4,8,13,340,15,40,MNHVY,4.65906600000000,0.07752183000000
C3B2H2S2P3L2M2J1E1A1,BRN,CL5Q,12,4,8,13,590,12,10,MEPDG,0.03215337000000,0.00227330300000
C3B2H2S2P3L2M2J1E1A2,BRN,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01275210000000,0.00029287920000
C3B2H2S2P3L2M2J1E1A3,BRN,CL5Q,12,4,8,13,590,12,10,MNHVY,0.02035503000000,0.00337685700000
C3B2H2S2P3L2M2J1E2A1,BRN,CL5Q,12,4,8,13,590,12,40,MEPDG,0.03215337000000,0.00227330300000
C3B2H2S2P3L2M2J1E2A2,BRN,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01275210000000,0.00029287920000
C3B2H2S2P3L2M2J1E2A3,BRN,CL5Q,12,4,8,13,590,12,40,MNHVY,0.02035503000000,0.00337685700000
C3B2H2S2P3L2M2J2E1A1,BRN,CL5Q,12,4,8,13,590,15,10,MEPDG,0.19184610000000,0.01242626000000
C3B2H2S2P3L2M2J2E1A2,BRN,CL5Q,12,4,8,13,590,15,10,MNAVG,0.10888090000000,0.00242048800000
C3B2H2S2P3L2M2J2E1A3,BRN,CL5Q,12,4,8,13,590,15,10,MNHVY,0.22390860000000,0.02335612000000
C3B2H2S2P3L2M2J2E2A1,BRN,CL5Q,12,4,8,13,590,15,40,MEPDG,0.19184610000000,0.01242626000000
C3B2H2S2P3L2M2J2E2A2,BRN,CL5Q,12,4,8,13,590,15,40,MNAVG,0.10888090000000,0.00242048800000
C3B2H2S2P3L2M2J2E2A3,BRN,CL5Q,12,4,8,13,590,15,40,MNHVY,0.22390860000000,0.02335612000000
C3B2H2S2P3L2M3J1E1A1,BRN,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00149034800000,0.00007369598000
C3B2H2S2P3L2M3J1E1A2,BRN,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00044600060000,0.00000953955700
C3B2H2S2P3L2M3J1E1A3,BRN,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00057259860000,0.00011289350000
C3B2H2S2P3L2M3J1E2A1,BRN,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00149034800000,0.00007369598000
C3B2H2S2P3L2M3J1E2A2,BRN,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00044600060000,0.00000953955700
C3B2H2S2P3L2M3J1E2A3,BRN,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00057259860000,0.00011289350000
C3B2H2S2P3L2M3J2E1A1,BRN,CL5Q,12,4,8,13,840,15,10,MEPDG,0.01613688000000,0.00136969300000
C3B2H2S2P3L2M3J2E1A2,BRN,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00647723200000,0.00023473650000
C3B2H2S2P3L2M3J2E1A3,BRN,CL5Q,12,4,8,13,840,15,10,MNHVY,0.01450229000000,0.00248751400000
C3B2H2S2P3L2M3J2E2A1,BRN,CL5Q,12,4,8,13,840,15,40,MEPDG,0.01613688000000,0.00136969300000
C3B2H2S2P3L2M3J2E2A2,BRN,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00647723200000,0.00023473650000
C3B2H2S2P3L2M3J2E2A3,BRN,CL5Q,12,4,8,13,840,15,40,MNHVY,0.01450229000000,0.00248751400000
C3B2H2S2P4L1M1J1E1A1,BRN,CL5Q,12,4,9,12,340,12,10,MEPDG,2.90892700000000,0.10491750000000
C3B2H2S2P4L1M1J1E1A2,BRN,CL5Q,12,4,9,12,340,12,10,MNAVG,1.47552700000000,0.01570023000000
C3B2H2S2P4L1M1J1E1A3,BRN,CL5Q,12,4,9,12,340,12,10,MNHVY,2.68906700000000,0.17953210000000
C3B2H2S2P4L1M1J1E2A1,BRN,CL5Q,12,4,9,12,340,12,40,MEPDG,1.37696000000000,0.05686254000000
C3B2H2S2P4L1M1J1E2A2,BRN,CL5Q,12,4,9,12,340,12,40,MNAVG,0.70954170000000,0.00813818700000
C3B2H2S2P4L1M1J1E2A3,BRN,CL5Q,12,4,9,12,340,12,40,MNHVY,1.21678100000000,0.09365627000000
C3B2H2S2P4L1M1J2E1A1,BRN,CL5Q,12,4,9,12,340,15,10,MEPDG,9.10952700000000,0.27885970000000
C3B2H2S2P4L1M1J2E1A2,BRN,CL5Q,12,4,9,12,340,15,10,MNAVG,5.96038400000000,0.05318079000000
C3B2H2S2P4L1M1J2E1A3,BRN,CL5Q,12,4,9,12,340,15,10,MNHVY,12.17270000000000,0.53375100000000
C3B2H2S2P4L1M1J2E2A1,BRN,CL5Q,12,4,9,12,340,15,40,MEPDG,4.91457200000000,0.15470840000000
C3B2H2S2P4L1M1J2E2A2,BRN,CL5Q,12,4,9,12,340,15,40,MNAVG,3.33621300000000,0.02911035000000
C3B2H2S2P4L1M1J2E2A3,BRN,CL5Q,12,4,9,12,340,15,40,MNHVY,6.52804700000000,0.29269910000000
C3B2H2S2P4L1M2J1E1A1,BRN,CL5Q,12,4,9,12,590,12,10,MEPDG,0.06681155000000,0.00705543300000
C3B2H2S2P4L1M2J1E1A2,BRN,CL5Q,12,4,9,12,590,12,10,MNAVG,0.01937252000000,0.00095820670000
C3B2H2S2P4L1M2J1E1A3,BRN,CL5Q,12,4,9,12,590,12,10,MNHVY,0.03019297000000,0.01132464000000
C3B2H2S2P4L1M2J1E2A1,BRN,CL5Q,12,4,9,12,590,12,40,MEPDG,0.02439695000000,0.00360225300000
C3B2H2S2P4L1M2J1E2A2,BRN,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00760999200000,0.00045700900000
C3B2H2S2P4L1M2J1E2A3,BRN,CL5Q,12,4,9,12,590,12,40,MNHVY,0.01080769000000,0.00545850900000
C3B2H2S2P4L1M2J2E1A1,BRN,CL5Q,12,4,9,12,590,15,10,MEPDG,0.43621670000000,0.03942158000000
C3B2H2S2P4L1M2J2E1A2,BRN,CL5Q,12,4,9,12,590,15,10,MNAVG,0.18053230000000,0.00735653500000
C3B2H2S2P4L1M2J2E1A3,BRN,CL5Q,12,4,9,12,590,15,10,MNHVY,0.41660940000000,0.07570985000000
C3B2H2S2P4L1M2J2E2A1,BRN,CL5Q,12,4,9,12,590,15,40,MEPDG,0.18477960000000,0.01993345000000
C3B2H2S2P4L1M2J2E2A2,BRN,CL5Q,12,4,9,12,590,15,40,MNAVG,0.08197402000000,0.00363244100000
```

```
C3B2H2S2P4L1M2J2E2A3,BRN,CL5Q,12,4,9,12,590,15,40,MNHVY,0.17088620000000,0.03742495000000
C3B2H2S2P4L1M3J1E1A1,BRN,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00270761400000,0.00028371470000
C3B2H2S2P4L1M3J1E1A2,BRN,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00061613680000,0.00003259828000
C3B2H2S2P4L1M3J1E1A3,BRN,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00073111230000,0.00040681870000
C3B2H2S2P4L1M3J1E2A1,BRN,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00076933820000,0.00003562608000
C3B2H2S2P4L1M3J1E2A2,BRN,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00020227630000,0.00000452619500
C3B2H2S2P4L1M3J1E2A3,BRN,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00021355870000,0.00005557988000
C3B2H2S2P4L1M3J2E1A1,BRN,CL5Q,12,4,9,12,840,15,10,MEPDG,0.03036014000000,0.00349286300000
C3B2H2S2P4L1M3J2E1A2,BRN,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00804626900000,0.00057624120000
C3B2H2S2P4L1M3J2E1A3,BRN,CL5Q,12,4,9,12,840,15,10,MNHVY,0.02019870000000,0.00645824600000
C3B2H2S2P4L1M3J2E2A1,BRN,CL5Q,12,4,9,12,840,15,40,MEPDG,0.01065813000000,0.00167545500000
C3B2H2S2P4L1M3J2E2A2,BRN,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00314790600000,0.00026547820000
C3B2H2S2P4L1M3J2E2A3,BRN,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00695186300000,0.00300183000000
C3B2H2S2P4L2M1J1E1A1,BRN,CL5Q,12,4,9,13,340,12,10,MEPDG,0.32441220000000,0.02435495000000
C3B2H2S2P4L2M1J1E1A2,BRN,CL5Q,12,4,9,13,340,12,10,MNAVG,0.16434990000000,0.00361034900000
C3B2H2S2P4L2M1J1E1A3,BRN,CL5Q,12,4,9,13,340,12,10,MNHVY,0.27992250000000,0.04071672000000
C3B2H2S2P4L2M1J1E2A1,BRN,CL5Q,12,4,9,13,340,12,40,MEPDG,0.32441220000000,0.02435495000000
C3B2H2S2P4L2M1J1E2A2,BRN,CL5Q,12,4,9,13,340,12,40,MNAVG,0.16434990000000,0.00361034900000
C3B2H2S2P4L2M1J1E2A3,BRN,CL5Q,12,4,9,13,340,12,40,MNHVY,0.27992250000000,0.04071672000000
C3B2H2S2P4L2M1J2E1A1,BRN,CL5Q,12,4,9,13,340,15,10,MEPDG,1.32366200000000,0.07942794000000
C3B2H2S2P4L2M1J2E1A2,BRN,CL5Q,12,4,9,13,340,15,10,MNAVG,0.90678850000000,0.01565245000000
C3B2H2S2P4L2M1J2E1A3,BRN,CL5Q,12,4,9,13,340,15,10,MNHVY,1.76589300000000,0.15186170000000
C3B2H2S2P4L2M1J2E2A1,BRN,CL5Q,12,4,9,13,340,15,40,MEPDG,1.32366200000000,0.07942794000000
C3B2H2S2P4L2M1J2E2A2,BRN,CL5Q,12,4,9,13,340,15,40,MNAVG,0.90678850000000,0.01565245000000
C3B2H2S2P4L2M1J2E2A3,BRN,CL5Q,12,4,9,13,340,15,40,MNHVY,1.76589300000000,0.15186170000000
C3B2H2S2P4L2M2J1E1A1,BRN,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00502802500000,0.00149034600000
C3B2H2S2P4L2M2J1E1A2,BRN,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00157341400000,0.00019671640000
C3B2H2S2P4L2M2J1E1A3,BRN,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00218439800000,0.00230658600000
C3B2H2S2P4L2M2J1E2A1,BRN,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00502802500000,0.00149034600000
C3B2H2S2P4L2M2J1E2A2,BRN,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00157341400000,0.00019671640000
C3B2H2S2P4L2M2J1E2A3,BRN,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00218439800000,0.00230658600000
C3B2H2S2P4L2M2J2E1A1,BRN,CL5Q,12,4,9,13,590,15,10,MEPDG,0.04393752000000,0.00987287400000
C3B2H2S2P4L2M2J2E1A2,BRN,CL5Q,12,4,9,13,590,15,10,MNAVG,0.01962970000000,0.00186496200000
C3B2H2S2P4L2M2J2E1A3,BRN,CL5Q,12,4,9,13,590,15,10,MNHVY,0.04051186000000,0.01881272000000
C3B2H2S2P4L2M2J2E2A1,BRN,CL5Q,12,4,9,13,590,15,40,MEPDG,0.04393752000000,0.00987287400000
C3B2H2S2P4L2M2J2E2A2,BRN,CL5Q,12,4,9,13,590,15,40,MNAVG,0.01962970000000,0.00186496200000
C3B2H2S2P4L2M2J2E2A3,BRN,CL5Q,12,4,9,13,590,15,40,MNHVY,0.04051186000000,0.01881272000000
C3B2H2S2P4L2M3J1E1A1,BRN,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00014170770000,0.00000201979900
C3B2H2S2P4L2M3J1E1A2,BRN,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00003839420000,0.00000026704290
C3B2H2S2P4L2M3J1E1A3,BRN,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00003912211000,0.00000325551200
C3B2H2S2P4L2M3J1E2A1,BRN,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00014170770000,0.00000201979900
C3B2H2S2P4L2M3J1E2A2,BRN,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00003839420000,0.00000026704290
C3B2H2S2P4L2M3J1E2A3,BRN,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00003912211000,0.00000325551200
C3B2H2S2P4L2M3J2E1A1,BRN,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00231693900000,0.00075452460000
C3B2H2S2P4L2M3J2E1A2,BRN,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00069103330000,0.00012372050000
C3B2H2S2P4L2M3J2E1A3,BRN,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00151409500000,0.00137128800000
C3B2H2S2P4L2M3J2E2A1,BRN,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00231693900000,0.00075452460000
C3B2H2S2P4L2M3J2E2A2,BRN,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00069103330000,0.00012372050000
C3B2H2S2P4L2M3J2E2A3,BRN,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00151409500000,0.00137128800000
C3B2H2S2P5L1M1J1E1A1,BRN,CL5Q,12,4,10,12,340,12,10,MEPDG,0.82306280000000,0.09183262000000
```

```
C3B2H2S2P5L1M1J1E1A2,BRN,CL5Q,12,4,10,12,340,12,10,MNAVG,0.32052120000000,0.01376549000000
C3B2H2S2P5L1M1J1E1A3,BRN,CL5Q,12,4,10,12,340,12,10,MNHVY,0.55823450000000,0.16071460000000
C3B2H2S2P5L1M1J1E2A1,BRN,CL5Q,12,4,10,12,340,12,40,MEPDG,0.34888570000000,0.04981488000000
C3B2H2S2P5L1M1J1E2A2,BRN,CL5Q,12,4,10,12,340,12,40,MNAVG,0.14075570000000,0.00714228600000
C3B2H2S2P5L1M1J1E2A3,BRN,CL5Q,12,4,10,12,340,12,40,MNHVY,0.22341860000000,0.08388768000000
C3B2H2S2P5L1M1J2E1A1,BRN,CL5Q,12,4,10,12,340,15,10,MEPDG,3.31611300000000,0.30204330000000
C3B2H2S2P5L1M1J2E1A2,BRN,CL5Q,12,4,10,12,340,15,10,MNAVG,1.80016200000000,0.05701246000000
C3B2H2S2P5L1M1J2E1A3,BRN,CL5Q,12,4,10,12,340,15,10,MNHVY,3.81258200000000,0.58444450000000
C3B2H2S2P5L1M1J2E2A1,BRN,CL5Q,12,4,10,12,340,15,40,MEPDG,1.63019000000000,0.17217470000000
C3B2H2S2P5L1M1J2E2A2,BRN,CL5Q,12,4,10,12,340,15,40,MNAVG,0.93322310000000,0.03215275000000
C3B2H2S2P5L1M1J2E2A3,BRN,CL5Q,12,4,10,12,340,15,40,MNHVY,1.84790300000000,0.32889020000000
C3B2H2S2P5L1M2J1E1A1,BRN,CL5Q,12,4,10,12,590,12,10,MEPDG,0.01124042000000,0.00323059100000
C3B2H2S2P5L1M2J1E1A2,BRN,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00262002700000,0.00040745450000
C3B2H2S2P5L1M2J1E1A3,BRN,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00355452700000,0.00503315800000
C3B2H2S2P5L1M2J1E2A1,BRN,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00332274200000,0.00179474100000
C3B2H2S2P5L1M2J1E2A2,BRN,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00088253590000,0.00021667270000
C3B2H2S2P5L1M2J1E2A3,BRN,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00099604230000,0.00268687100000
C3B2H2S2P5L1M2J2E1A1,BRN,CL5Q,12,4,10,12,590,15,10,MEPDG,0.08882977000000,0.02445396000000
C3B2H2S2P5L1M2J2E1A2,BRN,CL5Q,12,4,10,12,590,15,10,MNAVG,0.02702713000000,0.00428065900000
C3B2H2S2P5L1M2J2E1A3,BRN,CL5Q,12,4,10,12,590,15,10,MNHVY,0.06056455000000,0.04685371000000
C3B2H2S2P5L1M2J2E2A1,BRN,CL5Q,12,4,10,12,590,15,40,MEPDG,0.03329288000000,0.01289399000000
C3B2H2S2P5L1M2J2E2A2,BRN,CL5Q,12,4,10,12,590,15,40,MNAVG,0.01121381000000,0.00221519400000
C3B2H2S2P5L1M2J2E2A3,BRN,CL5Q,12,4,10,12,590,15,40,MNHVY,0.02218792000000,0.02423628000000
C3B2H2S2P5L1M3J1E1A1,BRN,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00039664780000,0.00001488582000
C3B2H2S2P5L1M3J1E1A2,BRN,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00007506397000,0.00000176590200
C3B2H2S2P5L1M3J1E1A3,BRN,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00009468692000,0.00002344451000
C3B2H2S2P5L1M3J1E2A1,BRN,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00007274377000,0.00001021112000
C3B2H2S2P5L1M3J1E2A2,BRN,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00001872191000,0.00000113242900
C3B2H2S2P5L1M3J1E2A3,BRN,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00001531089000,0.00001496183000
C3B2H2S2P5L1M3J2E1A1,BRN,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00387296600000,0.00146431300000
C3B2H2S2P5L1M3J2E1A2,BRN,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00076669590000,0.00021807290000
C3B2H2S2P5L1M3J2E1A3,BRN,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00166201000000,0.00261529200000
C3B2H2S2P5L1M3J2E2A1,BRN,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00115133800000,0.00065174210000
C3B2H2S2P5L1M3J2E2A2,BRN,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00026532060000,0.00009815516000
C3B2H2S2P5L1M3J2E2A3,BRN,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00048671530000,0.00116741100000
C3B2H2S2P5L2M1J1E1A1,BRN,CL5Q,12,4,10,13,340,12,10,MEPDG,0.07779649000000,0.02270765000000
C3B2H2S2P5L2M1J1E1A2,BRN,CL5Q,12,4,10,13,340,12,10,MNAVG,0.03103146000000,0.00337456900000
C3B2H2S2P5L2M1J1E1A3,BRN,CL5Q,12,4,10,13,340,12,10,MNHVY,0.04835629000000,0.03880823000000
C3B2H2S2P5L2M1J1E2A1,BRN,CL5Q,12,4,10,13,340,12,40,MEPDG,0.07779649000000,0.02270765000000
C3B2H2S2P5L2M1J1E2A2,BRN,CL5Q,12,4,10,13,340,12,40,MNAVG,0.03103146000000,0.00337456900000
C3B2H2S2P5L2M1J1E2A3,BRN,CL5Q,12,4,10,13,340,12,40,MNHVY,0.04835629000000,0.03880823000000
C3B2H2S2P5L2M1J2E1A1,BRN,CL5Q,12,4,10,13,340,15,10,MEPDG,0.41705660000000,0.09160392000000
C3B2H2S2P5L2M1J2E1A2,BRN,CL5Q,12,4,10,13,340,15,10,MNAVG,0.24103850000000,0.01779915000000
C3B2H2S2P5L2M1J2E1A3,BRN,CL5Q,12,4,10,13,340,15,10,MNHVY,0.47251660000000,0.17682680000000
C3B2H2S2P5L2M1J2E2A1,BRN,CL5Q,12,4,10,13,340,15,40,MEPDG,0.41705660000000,0.09160392000000
C3B2H2S2P5L2M1J2E2A2,BRN,CL5Q,12,4,10,13,340,15,40,MNAVG,0.24103850000000,0.01779915000000
C3B2H2S2P5L2M1J2E2A3,BRN,CL5Q,12,4,10,13,340,15,40,MNHVY,0.47251660000000,0.17682680000000
C3B2H2S2P5L2M2J1E1A1,BRN,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00063544300000,0.00077680890000
C3B2H2S2P5L2M2J1E1A2,BRN,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00017333580000,0.00009771386000
C3B2H2S2P5L2M2J1E1A3,BRN,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00018873000000,0.00118969700000
```

```
C3B2H2S2P5L2M2J1E2A1,BRN,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00063544300000,0.00077680890000
C3B2H2S2P5L2M2J1E2A2,BRN,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00017333580000,0.00009771386000
C3B2H2S2P5L2M2J1E2A3,BRN,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00018873000000,0.00118969700000
C3B2H2S2P5L2M2J2E1A1,BRN,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00736443100000,0.00650445600000
C3B2H2S2P5L2M2J2E1A2,BRN,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00251491100000,0.00115853700000
C3B2H2S2P5L2M2J2E1A3,BRN,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00487110600000,0.01239001000000
C3B2H2S2P5L2M2J2E2A1,BRN,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00736443100000,0.00650445600000
C3B2H2S2P5L2M2J2E2A2,BRN,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00251491100000,0.00115853700000
C3B2H2S2P5L2M2J2E2A3,BRN,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00487110600000,0.01239001000000
C3B2H2S2P5L2M3J1E1A1,BRN,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00001240967000,0.00001143587000
C3B2H2S2P5L2M3J1E1A2,BRN,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000335273900,0.00000124701700
C3B2H2S2P5L2M3J1E1A3,BRN,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000265148200,0.00001633931000
C3B2H2S2P5L2M3J1E2A1,BRN,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00001240967000,0.00001143587000
C3B2H2S2P5L2M3J1E2A2,BRN,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000335273900,0.00000124701700
C3B2H2S2P5L2M3J1E2A3,BRN,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000265148200,0.00001633931000
C3B2H2S2P5L2M3J2E1A1,BRN,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00023116850000,0.00018857120000
C3B2H2S2P5L2M3J2E1A2,BRN,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00005455668000,0.00002989317000
C3B2H2S2P5L2M3J2E1A3,BRN,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00009840068000,0.00034801250000
C3B2H2S2P5L2M3J2E2A1,BRN,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00023116850000,0.00018857120000
C3B2H2S2P5L2M3J2E2A2,BRN,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00005455668000,0.00002989317000
C3B2H2S2P5L2M3J2E2A3,BRN,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00009840068000,0.00034801250000
C3B2H2S2P6L1M1J1E1A1,BRN,CL5Q,12,4,11,12,340,12,10,MEPDG,0.22070430000000,0.06055497000000
C3B2H2S2P6L1M1J1E1A2,BRN,CL5Q,12,4,11,12,340,12,10,MNAVG,0.06609452000000,0.00882241100000
C3B2H2S2P6L1M1J1E1A3,BRN,CL5Q,12,4,11,12,340,12,10,MNHVY,0.10650640000000,0.10563570000000
C3B2H2S2P6L1M1J1E2A1,BRN,CL5Q,12,4,11,12,340,12,40,MEPDG,0.08388756000000,0.03389708000000
C3B2H2S2P6L1M1J1E2A2,BRN,CL5Q,12,4,11,12,340,12,40,MNAVG,0.02685018000000,0.00478616300000
C3B2H2S2P6L1M1J1E2A3,BRN,CL5Q,12,4,11,12,340,12,40,MNHVY,0.03852244000000,0.05752667000000
C3B2H2S2P6L1M1J2E1A1,BRN,CL5Q,12,4,11,12,340,15,10,MEPDG,1.12186800000000,0.25944020000000
C3B2H2S2P6L1M1J2E1A2,BRN,CL5Q,12,4,11,12,340,15,10,MNAVG,0.49174230000000,0.04709539000000
C3B2H2S2P6L1M1J2E1A3,BRN,CL5Q,12,4,11,12,340,15,10,MNHVY,1.06681600000000,0.50313890000000
C3B2H2S2P6L1M1J2E2A1,BRN,CL5Q,12,4,11,12,340,15,40,MEPDG,0.50331690000000,0.15389610000000
C3B2H2S2P6L1M1J2E2A2,BRN,CL5Q,12,4,11,12,340,15,40,MNAVG,0.23723260000000,0.02789449000000
C3B2H2S2P6L1M1J2E2A3,BRN,CL5Q,12,4,11,12,340,15,40,MNHVY,0.46973680000000,0.29478980000000
C3B2H2S2P6L1M2J1E1A1,BRN,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00187522100000,0.00136557700000
C3B2H2S2P6L1M2J1E1A2,BRN,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00038614480000,0.00015687000000
C3B2H2S2P6L1M2J1E1A3,BRN,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00041995910000,0.00203222200000
C3B2H2S2P6L1M2J1E2A1,BRN,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00049842430000,0.00081172310000
C3B2H2S2P6L1M2J1E2A2,BRN,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00012353030000,0.00009112203000
C3B2H2S2P6L1M2J1E2A3,BRN,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00011739140000,0.00117357400000
C3B2H2S2P6L1M2J2E1A1,BRN,CL5Q,12,4,11,12,590,15,10,MEPDG,0.01672336000000,0.01270122000000
C3B2H2S2P6L1M2J2E1A2,BRN,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00385815900000,0.00203684100000
C3B2H2S2P6L1M2J2E1A3,BRN,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00799049400000,0.02370151000000
C3B2H2S2P6L1M2J2E2A1,BRN,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00545052600000,0.00720151900000
C3B2H2S2P6L1M2J2E2A2,BRN,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00143557700000,0.00115077000000
C3B2H2S2P6L1M2J2E2A3,BRN,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00253344900000,0.01328585000000
C3B2H2S2P6L1M3J1E1A1,BRN,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00004031069000,0.00001374961000
C3B2H2S2P6L1M3J1E1A2,BRN,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000750616100,0.00000132589600
C3B2H2S2P6L1M3J1E1A3,BRN,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000601433100,0.00001904734000
C3B2H2S2P6L1M3J1E2A1,BRN,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000831302400,0.00001007742000
C3B2H2S2P6L1M3J1E2A2,BRN,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000199755600,0.00000091031220
```

```
C3B2H2S2P6L1M3J1E2A3,BRN,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000143082000,0.00001299117000
C3B2H2S2P6L1M3J2E1A1,BRN,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00048745530000,0.00010590250000
C3B2H2S2P6L1M3J2E1A2,BRN,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00007747178000,0.00001466515000
C3B2H2S2P6L1M3J2E1A3,BRN,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00015287160000,0.00018944370000
C3B2H2S2P6L1M3J2E2A1,BRN,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00012856840000,0.00007443384000
C3B2H2S2P6L1M3J2E2A2,BRN,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00002468102000,0.00001004109000
C3B2H2S2P6L1M3J2E2A3,BRN,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00004110983000,0.00012867010000
C3B2H2S2P6L2M1J1E1A1,BRN,CL5Q,12,4,11,13,340,12,10,MEPDG,0.01771726000000,0.01604553000000
C3B2H2S2P6L2M1J1E1A2,BRN,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00567966300000,0.00234852800000
C3B2H2S2P6L2M1J1E1A3,BRN,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00790588200000,0.02764947000000
C3B2H2S2P6L2M1J1E2A1,BRN,CL5Q,12,4,11,13,340,12,40,MEPDG,0.01771726000000,0.01604553000000
C3B2H2S2P6L2M1J1E2A2,BRN,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00567966300000,0.00234852800000
C3B2H2S2P6L2M1J1E2A3,BRN,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00790588200000,0.02764947000000
C3B2H2S2P6L2M1J2E1A1,BRN,CL5Q,12,4,11,13,340,15,10,MEPDG,0.12225800000000,0.08244936000000
C3B2H2S2P6L2M1J2E1A2,BRN,CL5Q,12,4,11,13,340,15,10,MNAVG,0.05830130000000,0.01543783000000
C3B2H2S2P6L2M1J2E1A3,BRN,CL5Q,12,4,11,13,340,15,10,MNHVY,0.11357570000000,0.15947300000000
C3B2H2S2P6L2M1J2E2A1,BRN,CL5Q,12,4,11,13,340,15,40,MEPDG,0.12225800000000,0.08244936000000
C3B2H2S2P6L2M1J2E2A2,BRN,CL5Q,12,4,11,13,340,15,40,MNAVG,0.05830130000000,0.01543783000000
C3B2H2S2P6L2M1J2E2A3,BRN,CL5Q,12,4,11,13,340,15,40,MNHVY,0.11357570000000,0.15947300000000
C3B2H2S2P6L2M2J1E1A1,BRN,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00008976553000,0.00036651870000
C3B2H2S2P6L2M2J1E1A2,BRN,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00002325684000,0.00004279533000
C3B2H2S2P6L2M2J1E1A3,BRN,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00002129470000,0.00054382310000
C3B2H2S2P6L2M2J1E2A1,BRN,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00008976553000,0.00036651870000
C3B2H2S2P6L2M2J1E2A2,BRN,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00002325684000,0.00004279533000
C3B2H2S2P6L2M2J1E2A3,BRN,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00002129470000,0.00054382310000
C3B2H2S2P6L2M2J2E1A1,BRN,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00112339700000,0.00371691100000
C3B2H2S2P6L2M2J2E1A2,BRN,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00030339540000,0.00061541640000
C3B2H2S2P6L2M2J2E1A3,BRN,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00051855200000,0.00696137000000
C3B2H2S2P6L2M2J2E2A1,BRN,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00112339700000,0.00371691100000
C3B2H2S2P6L2M2J2E2A2,BRN,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00030339540000,0.00061541640000
C3B2H2S2P6L2M2J2E2A3,BRN,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00051855200000,0.00696137000000
C3B2H2S2P6L2M3J1E1A1,BRN,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000132848500,0.00000494438500
C3B2H2S2P6L2M3J1E1A2,BRN,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000034109460,0.00000044494960
C3B2H2S2P6L2M3J1E1A3,BRN,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000023543240,0.00000633884900
C3B2H2S2P6L2M3J1E2A1,BRN,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000132848500,0.00000494438500
C3B2H2S2P6L2M3J1E2A2,BRN,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000034109460,0.00000044494960
C3B2H2S2P6L2M3J1E2A3,BRN,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000023543240,0.00000633884900
C3B2H2S2P6L2M3J2E1A1,BRN,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00002450917000,0.00009839905000
C3B2H2S2P6L2M3J2E1A2,BRN,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000484990600,0.00001349517000
C3B2H2S2P6L2M3J2E1A3,BRN,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000793451800,0.00017058930000
C3B2H2S2P6L2M3J2E2A1,BRN,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00002450917000,0.00009839905000
C3B2H2S2P6L2M3J2E2A2,BRN,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000484990600,0.00001349517000
C3B2H2S2P6L2M3J2E2A3,BRN,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000793451800,0.00017058930000
C3B2H2S2P7L1M1J1E1A1,BRN,CL5Q,12,4,12,12,340,12,10,MEPDG,0.05631253000000,0.03158027000000
C3B2H2S2P7L1M1J1E1A2,BRN,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01347813000000,0.00443072100000
C3B2H2S2P7L1M1J1E1A3,BRN,CL5Q,12,4,12,12,340,12,10,MNHVY,0.01937749000000,0.05415390000000
C3B2H2S2P7L1M1J1E2A1,BRN,CL5Q,12,4,12,12,340,12,40,MEPDG,0.01899056000000,0.01912202000000
C3B2H2S2P7L1M1J1E2A2,BRN,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00507193100000,0.00265314300000
C3B2H2S2P7L1M1J1E2A3,BRN,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00633810500000,0.03228918000000
C3B2H2S2P7L1M1J2E1A1,BRN,CL5Q,12,4,12,12,340,15,10,MEPDG,0.31709270000000,0.18901270000000
```

```
C3B2H2S2P7L1M1J2E1A2,BRN,CL5Q,12,4,12,12,340,15,10,MNAVG,0.10664340000000,0.03307474000000
C3B2H2S2P7L1M1J2E1A3,BRN,CL5Q,12,4,12,12,340,15,10,MNHVY,0.22566530000000,0.36400250000000
C3B2H2S2P7L1M1J2E2A1,BRN,CL5Q,12,4,12,12,340,15,40,MEPDG,0.12761810000000,0.11539420000000
C3B2H2S2P7L1M1J2E2A2,BRN,CL5Q,12,4,12,12,340,15,40,MNAVG,0.04703837000000,0.02019931000000
C3B2H2S2P7L1M1J2E2A3,BRN,CL5Q,12,4,12,12,340,15,40,MNHVY,0.08834572000000,0.22005620000000
C3B2H2S2P7L1M2J1E1A1,BRN,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00034105910000,0.00059277010000
C3B2H2S2P7L1M2J1E1A2,BRN,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00006300904000,0.00006233066000
C3B2H2S2P7L1M2J1E1A3,BRN,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00006003722000,0.00084272360000
C3B2H2S2P7L1M2J1E2A1,BRN,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00008187920000,0.00037525100000
C3B2H2S2P7L1M2J1E2A2,BRN,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00001897648000,0.00003922776000
C3B2H2S2P7L1M2J1E2A3,BRN,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00001606336000,0.00052348270000
C3B2H2S2P7L1M2J2E1A1,BRN,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00246252700000,0.00629584400000
C3B2H2S2P7L1M2J2E1A2,BRN,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00044967460000,0.00092824020000
C3B2H2S2P7L1M2J2E1A3,BRN,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00070903640000,0.01131735000000
C3B2H2S2P7L1M2J2E2A1,BRN,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00069650600000,0.00372931500000
C3B2H2S2P7L1M2J2E2A2,BRN,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00015264630000,0.00055341880000
C3B2H2S2P7L1M2J2E2A3,BRN,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00020270140000,0.00666210100000
C3B2H2S2P7L1M3J1E1A1,BRN,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000960404900,0.00001026130000
C3B2H2S2P7L1M3J1E1A2,BRN,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000125118300,0.00000081652850
C3B2H2S2P7L1M3J1E1A3,BRN,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000114679500,0.00001217344000
C3B2H2S2P7L1M3J1E2A1,BRN,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000189331700,0.00000736602200
C3B2H2S2P7L1M3J1E2A2,BRN,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000032663470,0.00000055189260
C3B2H2S2P7L1M3J1E2A3,BRN,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000025358880,0.00000819681200
C3B2H2S2P7L1M3J2E1A1,BRN,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00005020182000,0.00020411480000
C3B2H2S2P7L1M3J2E1A2,BRN,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000697272000,0.00002370241000
C3B2H2S2P7L1M3J2E1A3,BRN,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000932190000,0.00032710760000
C3B2H2S2P7L1M3J2E2A1,BRN,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00001170427000,0.00007231768000
C3B2H2S2P7L1M3J2E2A2,BRN,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000206841900,0.00000816405900
C3B2H2S2P7L1M3J2E2A3,BRN,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000236894700,0.00011236980000
C3B2H2S2P7L2M1J1E1A1,BRN,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00379978700000,0.00924775600000
C3B2H2S2P7L2M1J1E1A2,BRN,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00103592800000,0.00131846700000
C3B2H2S2P7L2M1J1E1A3,BRN,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00124313300000,0.01580485000000
C3B2H2S2P7L2M1J1E2A1,BRN,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00379978700000,0.00924775600000
C3B2H2S2P7L2M1J1E2A2,BRN,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00103592800000,0.00131846700000
C3B2H2S2P7L2M1J1E2A3,BRN,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00124313300000,0.01580485000000
C3B2H2S2P7L2M1J2E1A1,BRN,CL5Q,12,4,12,13,340,15,10,MEPDG,0.02901343000000,0.06473356000000
C3B2H2S2P7L2M1J2E1A2,BRN,CL5Q,12,4,12,13,340,15,10,MNAVG,0.01084686000000,0.01175804000000
C3B2H2S2P7L2M1J2E1A3,BRN,CL5Q,12,4,12,13,340,15,10,MNHVY,0.01983075000000,0.12479720000000
C3B2H2S2P7L2M1J2E2A1,BRN,CL5Q,12,4,12,13,340,15,40,MEPDG,0.02901343000000,0.06473356000000
C3B2H2S2P7L2M1J2E2A2,BRN,CL5Q,12,4,12,13,340,15,40,MNAVG,0.01084686000000,0.01175804000000
C3B2H2S2P7L2M1J2E2A3,BRN,CL5Q,12,4,12,13,340,15,40,MNHVY,0.01983075000000,0.12479720000000
C3B2H2S2P7L2M2J1E1A1,BRN,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00001400249000,0.00017611180000
C3B2H2S2P7L2M2J1E1A2,BRN,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000344131600,0.00001917232000
C3B2H2S2P7L2M2J1E1A3,BRN,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000279950600,0.00025279410000
C3B2H2S2P7L2M2J1E2A1,BRN,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00001400249000,0.00017611180000
C3B2H2S2P7L2M2J1E2A2,BRN,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000344131600,0.00001917232000
C3B2H2S2P7L2M2J1E2A3,BRN,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000279950600,0.00025279410000
C3B2H2S2P7L2M2J2E1A1,BRN,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00013282910000,0.00197508200000
C3B2H2S2P7L2M2J2E1A2,BRN,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00003043061000,0.00030381930000
C3B2H2S2P7L2M2J2E1A3,BRN,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00003870883000,0.00359184600000
```

```
C3B2H2S2P7L2M2J2E2A1,BRN,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00013282910000,0.00197508200000
C3B2H2S2P7L2M2J2E2A2,BRN,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00003043061000,0.00030381930000
C3B2H2S2P7L2M2J2E2A3,BRN,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00003870883000,0.00359184600000
C3B2H2S2P7L2M3J1E1A1,BRN,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000030674720,0.00000340619300
C3B2H2S2P7L2M3J1E1A2,BRN,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000005653739,0.00000025477700
C3B2H2S2P7L2M3J1E1A3,BRN,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000004186574,0.00000377560400
C3B2H2S2P7L2M3J1E2A1,BRN,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000030674720,0.00000340619300
C3B2H2S2P7L2M3J1E2A2,BRN,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000005653739,0.00000025477700
C3B2H2S2P7L2M3J1E2A3,BRN,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000004186574,0.00000377560400
C3B2H2S2P7L2M3J2E1A1,BRN,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000204255500,0.00003818667000
C3B2H2S2P7L2M3J2E1A2,BRN,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000038158150,0.00000432961500
C3B2H2S2P7L2M3J2E1A3,BRN,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000041938180,0.00005934654000
C3B2H2S2P7L2M3J2E2A1,BRN,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000204255500,0.00003818667000
C3B2H2S2P7L2M3J2E2A2,BRN,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000038158150,0.00000432961500
C3B2H2S2P7L2M3J2E2A3,BRN,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000041938180,0.00005934654000
C3B3H1S1P1L1M1J1E1A1,BRN,OGAB,4,12,6,12,340,12,10,MEPDG,166.76860000000000,1.42685200000000
C3B3H1S1P1L1M1J1E1A2,BRN,OGAB,4,12,6,12,340,12,10,MNAVG,140.88190000000000,0.17387390000000
C3B3H1S1P1L1M1J1E1A3,BRN,OGAB,4,12,6,12,340,12,10,MNHVY,249.62650000000000,2.11566400000000
C3B3H1S1P1L1M1J1E2A1,BRN,OGAB,4,12,6,12,340,12,40,MEPDG,103.70750000000000,0.83237250000000
C3B3H1S1P1L1M1J1E2A2,BRN,OGAB,4,12,6,12,340,12,40,MNAVG,82.84011000000000,0.09782569000000
C3B3H1S1P1L1M1J1E2A3,BRN,OGAB,4,12,6,12,340,12,40,MNHVY,150.62860000000000,1.20282800000000
C3B3H1S1P1L1M1J2E1A1,BRN,OGAB,4,12,6,12,340,15,10,MEPDG,202.65830000000000,1.40682900000000
C3B3H1S1P1L1M1J2E1A2,BRN,OGAB,4,12,6,12,340,15,10,MNAVG,176.45230000000000,0.24088060000000
C3B3H1S1P1L1M1J2E1A3,BRN,OGAB,4,12,6,12,340,15,10,MNHVY,316.78310000000000,2.49369200000000
C3B3H1S1P1L1M1J2E2A1,BRN,OGAB,4,12,6,12,340,15,40,MEPDG,129.20950000000000,0.82106290000000
C3B3H1S1P1L1M1J2E2A2,BRN,OGAB,4,12,6,12,340,15,40,MNAVG,107.24860000000000,0.14194030000000
C3B3H1S1P1L1M1J2E2A3,BRN,OGAB,4,12,6,12,340,15,40,MNHVY,197.67920000000000,1.45905000000000
C3B3H1S1P1L1M2J1E1A1,BRN,OGAB,4,12,6,12,590,12,10,MEPDG,13.01955000000000,0.20199430000000
C3B3H1S1P1L1M2J1E1A2,BRN,OGAB,4,12,6,12,590,12,10,MNAVG,8.58135100000000,0.02323471000000
C3B3H1S1P1L1M2J1E1A3,BRN,OGAB,4,12,6,12,590,12,10,MNHVY,14.23172000000000,0.27396050000000
C3B3H1S1P1L1M2J1E2A1,BRN,OGAB,4,12,6,12,590,12,40,MEPDG,6.94476000000000,0.09782214000000
C3B3H1S1P1L1M2J1E2A2,BRN,OGAB,4,12,6,12,590,12,40,MNAVG,4.40545500000000,0.01004447000000
C3B3H1S1P1L1M2J1E2A3,BRN,OGAB,4,12,6,12,590,12,40,MNHVY,7.23160600000000,0.12261190000000
C3B3H1S1P1L1M2J2E1A1,BRN,OGAB,4,12,6,12,590,15,10,MEPDG,21.82418000000000,0.34513300000000
C3B3H1S1P1L1M2J2E1A2,BRN,OGAB,4,12,6,12,590,15,10,MNAVG,16.23607000000000,0.05911509000000
C3B3H1S1P1L1M2J2E1A3,BRN,OGAB,4,12,6,12,590,15,10,MNHVY,28.68917000000000,0.59460550000000
C3B3H1S1P1L1M2J2E2A1,BRN,OGAB,4,12,6,12,590,15,40,MEPDG,12.40427000000000,0.17596350000000
C3B3H1S1P1L1M2J2E2A2,BRN,OGAB,4,12,6,12,590,15,40,MNAVG,9.06102100000000,0.02927978000000
C3B3H1S1P1L1M2J2E2A3,BRN,OGAB,4,12,6,12,590,15,40,MNHVY,15.97596000000000,0.29946570000000
C3B3H1S1P1L1M3J1E1A1,BRN,OGAB,4,12,6,12,840,12,10,MEPDG,1.60932400000000,0.02892530000000
C3B3H1S1P1L1M3J1E1A2,BRN,OGAB,4,12,6,12,840,12,10,MNAVG,0.80430760000000,0.00281673900000
C3B3H1S1P1L1M3J1E1A3,BRN,OGAB,4,12,6,12,840,12,10,MNHVY,1.26812300000000,0.03349412000000
C3B3H1S1P1L1M3J1E2A1,BRN,OGAB,4,12,6,12,840,12,40,MEPDG,0.74254010000000,0.01403411000000
C3B3H1S1P1L1M3J1E2A2,BRN,OGAB,4,12,6,12,840,12,40,MNAVG,0.36345600000000,0.00117299000000
C3B3H1S1P1L1M3J1E2A3,BRN,OGAB,4,12,6,12,840,12,40,MNHVY,0.54726190000000,0.01443759000000
C3B3H1S1P1L1M3J2E1A1,BRN,OGAB,4,12,6,12,840,15,10,MEPDG,3.74628800000000,0.08712368000000
C3B3H1S1P1L1M3J2E1A2,BRN,OGAB,4,12,6,12,840,15,10,MNAVG,2.35624800000000,0.01455156000000
C3B3H1S1P1L1M3J2E1A3,BRN,OGAB,4,12,6,12,840,15,10,MNHVY,4.29776100000000,0.14621060000000
C3B3H1S1P1L1M3J2E2A1,BRN,OGAB,4,12,6,12,840,15,40,MEPDG,1.89819900000000,0.03730347000000
C3B3H1S1P1L1M3J2E2A2,BRN,OGAB,4,12,6,12,840,15,40,MNAVG,1.20067400000000,0.00579962800000
```

```
C3B3H1S1P1L1M3J2E2A3,BRN,OGAB,4,12,6,12,840,15,40,MNHVY,2.12568100000000,0.06019329000000
C3B3H1S1P1L2M1J1E1A1,BRN,OGAB,4,12,6,13,340,12,10,MEPDG,26.82093000000000,0.31059400000000
C3B3H1S1P1L2M1J1E1A2,BRN,OGAB,4,12,6,13,340,12,10,MNAVG,20.65532000000000,0.03748520000000
C3B3H1S1P1L2M1J1E1A3,BRN,OGAB,4,12,6,13,340,12,10,MNHVY,37.93814000000000,0.44945050000000
C3B3H1S1P1L2M1J1E2A1,BRN,OGAB,4,12,6,13,340,12,40,MEPDG,26.82093000000000,0.31059400000000
C3B3H1S1P1L2M1J1E2A2,BRN,OGAB,4,12,6,13,340,12,40,MNAVG,20.65532000000000,0.03748520000000
C3B3H1S1P1L2M1J1E2A3,BRN,OGAB,4,12,6,13,340,12,40,MNHVY,37.93814000000000,0.44945050000000
C3B3H1S1P1L2M1J2E1A1,BRN,OGAB,4,12,6,13,340,15,10,MEPDG,34.38066000000000,0.36309980000000
C3B3H1S1P1L2M1J2E1A2,BRN,OGAB,4,12,6,13,340,15,10,MNAVG,27.78439000000000,0.06645838000000
C3B3H1S1P1L2M1J2E1A3,BRN,OGAB,4,12,6,13,340,15,10,MNHVY,51.59249000000000,0.65391830000000
C3B3H1S1P1L2M1J2E2A1,BRN,OGAB,4,12,6,13,340,15,40,MEPDG,34.38066000000000,0.36309980000000
C3B3H1S1P1L2M1J2E2A2,BRN,OGAB,4,12,6,13,340,15,40,MNAVG,27.78439000000000,0.06645838000000
C3B3H1S1P1L2M1J2E2A3,BRN,OGAB,4,12,6,13,340,15,40,MNHVY,51.59249000000000,0.65391830000000
C3B3H1S1P1L2M2J1E1A1,BRN,OGAB,4,12,6,13,590,12,10,MEPDG,1.67488700000000,0.03495094000000
C3B3H1S1P1L2M2J1E1A2,BRN,OGAB,4,12,6,13,590,12,10,MNAVG,1.02479700000000,0.00371658200000
C3B3H1S1P1L2M2J1E1A3,BRN,OGAB,4,12,6,13,590,12,10,MNHVY,1.69447100000000,0.04424487000000
C3B3H1S1P1L2M2J1E2A1,BRN,OGAB,4,12,6,13,590,12,40,MEPDG,1.67488700000000,0.03495094000000
C3B3H1S1P1L2M2J1E2A2,BRN,OGAB,4,12,6,13,590,12,40,MNAVG,1.02479700000000,0.00371658200000
C3B3H1S1P1L2M2J1E2A3,BRN,OGAB,4,12,6,13,590,12,40,MNHVY,1.69447100000000,0.04424487000000
C3B3H1S1P1L2M2J2E1A1,BRN,OGAB,4,12,6,13,590,15,10,MEPDG,3.18570600000000,0.07741858000000
C3B3H1S1P1L2M2J2E1A2,BRN,OGAB,4,12,6,13,590,15,10,MNAVG,2.29651400000000,0.01366380000000
C3B3H1S1P1L2M2J2E1A3,BRN,OGAB,4,12,6,13,590,15,10,MNHVY,4.07556900000000,0.13428030000000
C3B3H1S1P1L2M2J2E2A1,BRN,OGAB,4,12,6,13,590,15,40,MEPDG,3.18570600000000,0.07741858000000
C3B3H1S1P1L2M2J2E2A2,BRN,OGAB,4,12,6,13,590,15,40,MNAVG,2.29651400000000,0.01366380000000
C3B3H1S1P1L2M2J2E2A3,BRN,OGAB,4,12,6,13,590,15,40,MNHVY,4.07556900000000,0.13428030000000
C3B3H1S1P1L2M3J1E1A1,BRN,OGAB,4,12,6,13,840,12,10,MEPDG,0.16785150000000,0.00480068600000
C3B3H1S1P1L2M3J1E1A2,BRN,OGAB,4,12,6,13,840,12,10,MNAVG,0.07962279000000,0.00041393030000
C3B3H1S1P1L2M3J1E1A3,BRN,OGAB,4,12,6,13,840,12,10,MNHVY,0.11973430000000,0.00501274100000
C3B3H1S1P1L2M3J1E2A1,BRN,OGAB,4,12,6,13,840,12,40,MEPDG,0.16785150000000,0.00480068600000
C3B3H1S1P1L2M3J1E2A2,BRN,OGAB,4,12,6,13,840,12,40,MNAVG,0.07962279000000,0.00041393030000
C3B3H1S1P1L2M3J1E2A3,BRN,OGAB,4,12,6,13,840,12,40,MNHVY,0.11973430000000,0.00501274100000
C3B3H1S1P1L2M3J2E1A1,BRN,OGAB,4,12,6,13,840,15,10,MEPDG,0.46718840000000,0.01555638000000
C3B3H1S1P1L2M3J2E1A2,BRN,OGAB,4,12,6,13,840,15,10,MNAVG,0.29359420000000,0.00255846700000
C3B3H1S1P1L2M3J2E1A3,BRN,OGAB,4,12,6,13,840,15,10,MNHVY,0.52283100000000,0.02573967000000
C3B3H1S1P1L2M3J2E2A1,BRN,OGAB,4,12,6,13,840,15,40,MEPDG,0.46718840000000,0.01555638000000
C3B3H1S1P1L2M3J2E2A2,BRN,OGAB,4,12,6,13,840,15,40,MNAVG,0.29359420000000,0.00255846700000
C3B3H1S1P1L2M3J2E2A3,BRN,OGAB,4,12,6,13,840,15,40,MNHVY,0.52283100000000,0.02573967000000
C3B3H1S1P2L1M1J1E1A1,BRN,OGAB,4,12,7,12,340,12,10,MEPDG,62.51665000000000,1.26105600000000
C3B3H1S1P2L1M1J1E1A2,BRN,OGAB,4,12,7,12,340,12,10,MNAVG,47.59520000000000,0.17232710000000
C3B3H1S1P2L1M1J1E1A3,BRN,OGAB,4,12,7,12,340,12,10,MNHVY,83.75221000000000,1.99165700000000
C3B3H1S1P2L1M1J1E2A1,BRN,OGAB,4,12,7,12,340,12,40,MEPDG,36.17187000000000,0.68230210000000
C3B3H1S1P2L1M1J1E2A2,BRN,OGAB,4,12,7,12,340,12,40,MNAVG,26.61221000000000,0.08643823000000
C3B3H1S1P2L1M1J1E2A3,BRN,OGAB,4,12,7,12,340,12,40,MNHVY,46.72715000000000,1.02585000000000
C3B3H1S1P2L1M1J2E1A1,BRN,OGAB,4,12,7,12,340,15,10,MEPDG,96.75237000000000,1.72749200000000
C3B3H1S1P2L1M1J2E1A2,BRN,OGAB,4,12,7,12,340,15,10,MNAVG,79.82416000000000,0.31509280000000
C3B3H1S1P2L1M1J2E1A3,BRN,OGAB,4,12,7,12,340,15,10,MNHVY,145.48520000000000,3.15918800000000
C3B3H1S1P2L1M1J2E2A1,BRN,OGAB,4,12,7,12,340,15,40,MEPDG,59.13630000000000,1.00791000000000
C3B3H1S1P2L1M1J2E2A2,BRN,OGAB,4,12,7,12,340,15,40,MNAVG,47.87846000000000,0.18309140000000
C3B3H1S1P2L1M1J2E2A3,BRN,OGAB,4,12,7,12,340,15,40,MNHVY,87.45687000000000,1.83600000000000
C3B3H1S1P2L1M2J1E1A1,BRN,OGAB,4,12,7,12,590,12,10,MEPDG,3.21420000000000,0.10318890000000
```

```
C3B3H1S1P2L1M2J1E1A2,BRN,OGAB,4,12,7,12,590,12,10,MNAVG,1.65701600000000,0.01257669000000
C3B3H1S1P2L1M2J1E1A3,BRN,OGAB,4,12,7,12,590,12,10,MNHVY,2.76034500000000,0.14624440000000
C3B3H1S1P2L1M2J1E2A1,BRN,OGAB,4,12,7,12,590,12,40,MEPDG,1.51336600000000,0.05370644000000
C3B3H1S1P2L1M2J1E2A2,BRN,OGAB,4,12,7,12,590,12,40,MNAVG,0.77210080000000,0.00591655800000
C3B3H1S1P2L1M2J1E2A3,BRN,OGAB,4,12,7,12,590,12,40,MNHVY,1.21693500000000,0.07069498000000
C3B3H1S1P2L1M2J2E1A1,BRN,OGAB,4,12,7,12,590,15,10,MEPDG,8.11168900000000,0.28066310000000
C3B3H1S1P2L1M2J2E1A2,BRN,OGAB,4,12,7,12,590,15,10,MNAVG,5.24474200000000,0.05094838000000
C3B3H1S1P2L1M2J2E1A3,BRN,OGAB,4,12,7,12,590,15,10,MNHVY,9.98901600000000,0.50352130000000
C3B3H1S1P2L1M2J2E2A1,BRN,OGAB,4,12,7,12,590,15,40,MEPDG,4.22966700000000,0.13697920000000
C3B3H1S1P2L1M2J2E2A2,BRN,OGAB,4,12,7,12,590,15,40,MNAVG,2.77754700000000,0.02387097000000
C3B3H1S1P2L1M2J2E2A3,BRN,OGAB,4,12,7,12,590,15,40,MNHVY,5.09863400000000,0.24062310000000
C3B3H1S1P2L1M3J1E1A1,BRN,OGAB,4,12,7,12,840,12,10,MEPDG,0.27879420000000,0.00766520400000
C3B3H1S1P2L1M3J1E1A2,BRN,OGAB,4,12,7,12,840,12,10,MNAVG,0.10039160000000,0.00074319120000
C3B3H1S1P2L1M3J1E1A3,BRN,OGAB,4,12,7,12,840,12,10,MNHVY,0.15243480000000,0.00905988000000
C3B3H1S1P2L1M3J1E2A1,BRN,OGAB,4,12,7,12,840,12,40,MEPDG,0.10954920000000,0.00382850600000
C3B3H1S1P2L1M3J1E2A2,BRN,OGAB,4,12,7,12,840,12,40,MNAVG,0.04030440000000,0.00031969660000
C3B3H1S1P2L1M3J1E2A3,BRN,OGAB,4,12,7,12,840,12,40,MNHVY,0.05546123000000,0.00396566700000
C3B3H1S1P2L1M3J2E1A1,BRN,OGAB,4,12,7,12,840,15,10,MEPDG,1.08819300000000,0.03895248000000
C3B3H1S1P2L1M3J2E1A2,BRN,OGAB,4,12,7,12,840,15,10,MNAVG,0.54256580000000,0.00653847800000
C3B3H1S1P2L1M3J2E1A3,BRN,OGAB,4,12,7,12,840,15,10,MNHVY,1.10413700000000,0.06695254000000
C3B3H1S1P2L1M3J2E2A1,BRN,OGAB,4,12,7,12,840,15,40,MEPDG,0.48616700000000,0.01769084000000
C3B3H1S1P2L1M3J2E2A2,BRN,OGAB,4,12,7,12,840,15,40,MNAVG,0.25251250000000,0.00279311600000
C3B3H1S1P2L1M3J2E2A3,BRN,OGAB,4,12,7,12,840,15,40,MNHVY,0.47589940000000,0.02920923000000
C3B3H1S1P2L2M1J1E1A1,BRN,OGAB,4,12,7,13,340,12,10,MEPDG,9.18208200000000,0.26234740000000
C3B3H1S1P2L2M1J1E1A2,BRN,OGAB,4,12,7,13,340,12,10,MNAVG,6.54563500000000,0.03388060000000
C3B3H1S1P2L2M1J1E1A3,BRN,OGAB,4,12,7,13,340,12,10,MNHVY,11.54482000000000,0.39438430000000
C3B3H1S1P2L2M1J1E2A1,BRN,OGAB,4,12,7,13,340,12,40,MEPDG,9.18208200000000,0.26234740000000
C3B3H1S1P2L2M1J1E2A2,BRN,OGAB,4,12,7,13,340,12,40,MNAVG,6.54563500000000,0.03388060000000
C3B3H1S1P2L2M1J1E2A3,BRN,OGAB,4,12,7,13,340,12,40,MNHVY,11.54482000000000,0.39438430000000
C3B3H1S1P2L2M1J2E1A1,BRN,OGAB,4,12,7,13,340,15,10,MEPDG,15.96225000000000,0.47401070000000
C3B3H1S1P2L2M1J2E1A2,BRN,OGAB,4,12,7,13,340,15,10,MNAVG,12.76611000000000,0.09063525000000
C3B3H1S1P2L2M1J2E1A3,BRN,OGAB,4,12,7,13,340,15,10,MNHVY,23.34953000000000,0.87194600000000
C3B3H1S1P2L2M1J2E2A1,BRN,OGAB,4,12,7,13,340,15,40,MEPDG,15.96225000000000,0.47401070000000
C3B3H1S1P2L2M1J2E2A2,BRN,OGAB,4,12,7,13,340,15,40,MNAVG,12.76611000000000,0.09063525000000
C3B3H1S1P2L2M1J2E2A3,BRN,OGAB,4,12,7,13,340,15,40,MNHVY,23.34953000000000,0.87194600000000
C3B3H1S1P2L2M2J1E1A1,BRN,OGAB,4,12,7,13,590,12,10,MEPDG,0.34850960000000,0.02017833000000
C3B3H1S1P2L2M2J1E1A2,BRN,OGAB,4,12,7,13,590,12,10,MNAVG,0.17288940000000,0.00229495200000
C3B3H1S1P2L2M2J1E1A3,BRN,OGAB,4,12,7,13,590,12,10,MNHVY,0.27089840000000,0.02690049000000
C3B3H1S1P2L2M2J1E2A1,BRN,OGAB,4,12,7,13,590,12,40,MEPDG,0.34850960000000,0.02017833000000
C3B3H1S1P2L2M2J1E2A2,BRN,OGAB,4,12,7,13,590,12,40,MNAVG,0.17288940000000,0.00229495200000
C3B3H1S1P2L2M2J1E2A3,BRN,OGAB,4,12,7,13,590,12,40,MNHVY,0.27089840000000,0.02690049000000
C3B3H1S1P2L2M2J2E1A1,BRN,OGAB,4,12,7,13,590,15,10,MEPDG,1.07324100000000,0.06438984000000
C3B3H1S1P2L2M2J2E1A2,BRN,OGAB,4,12,7,13,590,15,10,MNAVG,0.70290640000000,0.01189214000000
C3B3H1S1P2L2M2J2E1A3,BRN,OGAB,4,12,7,13,590,15,10,MNHVY,1.28929000000000,0.11531180000000
C3B3H1S1P2L2M2J2E2A1,BRN,OGAB,4,12,7,13,590,15,40,MEPDG,1.07324100000000,0.06438984000000
C3B3H1S1P2L2M2J2E2A2,BRN,OGAB,4,12,7,13,590,15,40,MNAVG,0.70290640000000,0.01189214000000
C3B3H1S1P2L2M2J2E2A3,BRN,OGAB,4,12,7,13,590,15,40,MNHVY,1.28929000000000,0.11531180000000
C3B3H1S1P2L2M3J1E1A1,BRN,OGAB,4,12,7,13,840,12,10,MEPDG,0.02318934000000,0.00134962500000
C3B3H1S1P2L2M3J1E1A2,BRN,OGAB,4,12,7,13,840,12,10,MNAVG,0.00840413500000,0.00011542160000
C3B3H1S1P2L2M3J1E1A3,BRN,OGAB,4,12,7,13,840,12,10,MNHVY,0.01131657000000,0.00141523600000
```

```
C3B3H1S1P2L2M3J1E2A1,BRN,OGAB,4,12,7,13,840,12,40,MEPDG,0.02318934000000,0.00134962500000
C3B3H1S1P2L2M3J1E2A2,BRN,OGAB,4,12,7,13,840,12,40,MNAVG,0.00840413500000,0.00011542160000
C3B3H1S1P2L2M3J1E2A3,BRN,OGAB,4,12,7,13,840,12,40,MNHVY,0.01131657000000,0.00141523600000
C3B3H1S1P2L2M3J2E1A1,BRN,OGAB,4,12,7,13,840,15,10,MEPDG,0.11495050000000,0.00751208200000
C3B3H1S1P2L2M3J2E1A2,BRN,OGAB,4,12,7,13,840,15,10,MNAVG,0.05963725000000,0.00123601200000
C3B3H1S1P2L2M3J2E1A3,BRN,OGAB,4,12,7,13,840,15,10,MNHVY,0.11170400000000,0.01267265000000
C3B3H1S1P2L2M3J2E2A1,BRN,OGAB,4,12,7,13,840,15,40,MEPDG,0.11495050000000,0.00751208200000
C3B3H1S1P2L2M3J2E2A2,BRN,OGAB,4,12,7,13,840,15,40,MNAVG,0.05963725000000,0.00123601200000
C3B3H1S1P2L2M3J2E2A3,BRN,OGAB,4,12,7,13,840,15,40,MNHVY,0.11170400000000,0.01267265000000
C3B3H1S1P3L1M1J1E1A1,BRN,OGAB,4,12,8,12,340,12,10,MEPDG,20.51920000000000,1.03185900000000
C3B3H1S1P3L1M1J1E1A2,BRN,OGAB,4,12,8,12,340,12,10,MNAVG,13.08235000000000,0.15451210000000
C3B3H1S1P3L1M1J1E1A3,BRN,OGAB,4,12,8,12,340,12,10,MNHVY,23.10742000000000,1.72907900000000
C3B3H1S1P3L1M1J1E2A1,BRN,OGAB,4,12,8,12,340,12,40,MEPDG,10.80552000000000,0.56440260000000
C3B3H1S1P3L1M1J1E2A2,BRN,OGAB,4,12,8,12,340,12,40,MNAVG,6.79189600000000,0.07805634000000
C3B3H1S1P3L1M1J1E2A3,BRN,OGAB,4,12,8,12,340,12,40,MNHVY,11.57458000000000,0.90066470000000
C3B3H1S1P3L1M1J2E1A1,BRN,OGAB,4,12,8,12,340,15,10,MEPDG,42.29654000000000,1.79283900000000
C3B3H1S1P3L1M1J2E1A2,BRN,OGAB,4,12,8,12,340,15,10,MNAVG,31.36001000000000,0.34515950000000
C3B3H1S1P3L1M1J2E1A3,BRN,OGAB,4,12,8,12,340,15,10,MNHVY,59.56016000000000,3.38032000000000
C3B3H1S1P3L1M1J2E2A1,BRN,OGAB,4,12,8,12,340,15,40,MEPDG,24.25775000000000,0.99300430000000
C3B3H1S1P3L1M1J2E2A2,BRN,OGAB,4,12,8,12,340,15,40,MNAVG,18.10869000000000,0.18693510000000
C3B3H1S1P3L1M1J2E2A3,BRN,OGAB,4,12,8,12,340,15,40,MNHVY,33.59938000000000,1.85054200000000
C3B3H1S1P3L1M2J1E1A1,BRN,OGAB,4,12,8,12,590,12,10,MEPDG,0.66287400000000,0.04285871000000
C3B3H1S1P3L1M2J1E1A2,BRN,OGAB,4,12,8,12,590,12,10,MNAVG,0.24854060000000,0.00540745500000
C3B3H1S1P3L1M2J1E1A3,BRN,OGAB,4,12,8,12,590,12,10,MNHVY,0.40001220000000,0.06364632000000
C3B3H1S1P3L1M2J1E2A1,BRN,OGAB,4,12,8,12,590,12,40,MEPDG,0.27445110000000,0.02183680000000
C3B3H1S1P3L1M2J1E2A2,BRN,OGAB,4,12,8,12,590,12,40,MNAVG,0.10567100000000,0.00245742300000
C3B3H1S1P3L1M2J1E2A3,BRN,OGAB,4,12,8,12,590,12,40,MNHVY,0.15552740000000,0.02955814000000
C3B3H1S1P3L1M2J2E1A1,BRN,OGAB,4,12,8,12,590,15,10,MEPDG,2.51141500000000,0.18095920000000
C3B3H1S1P3L1M2J2E1A2,BRN,OGAB,4,12,8,12,590,15,10,MNAVG,1.29592400000000,0.03358657000000
C3B3H1S1P3L1M2J2E1A3,BRN,OGAB,4,12,8,12,590,15,10,MNHVY,2.67427500000000,0.33413330000000
C3B3H1S1P3L1M2J2E2A1,BRN,OGAB,4,12,8,12,590,15,40,MEPDG,1.17485700000000,0.09090348000000
C3B3H1S1P3L1M2J2E2A2,BRN,OGAB,4,12,8,12,590,15,40,MNAVG,0.63335250000000,0.01618560000000
C3B3H1S1P3L1M2J2E2A3,BRN,OGAB,4,12,8,12,590,15,40,MNHVY,1.21535200000000,0.16382790000000
C3B3H1S1P3L1M3J1E1A1,BRN,OGAB,4,12,8,12,840,12,10,MEPDG,0.03846982000000,0.00224525600000
C3B3H1S1P3L1M3J1E1A2,BRN,OGAB,4,12,8,12,840,12,10,MNAVG,0.01014561000000,0.00022703820000
C3B3H1S1P3L1M3J1E1A3,BRN,OGAB,4,12,8,12,840,12,10,MNHVY,0.01365373000000,0.00281817300000
C3B3H1S1P3L1M3J1E2A1,BRN,OGAB,4,12,8,12,840,12,40,MEPDG,0.01267597000000,0.00108046200000
C3B3H1S1P3L1M3J1E2A2,BRN,OGAB,4,12,8,12,840,12,40,MNAVG,0.00365241500000,0.00009451503000
C3B3H1S1P3L1M3J1E2A3,BRN,OGAB,4,12,8,12,840,12,40,MNHVY,0.00429469200000,0.00119720900000
C3B3H1S1P3L1M3J2E1A1,BRN,OGAB,4,12,8,12,840,15,10,MEPDG,0.23295950000000,0.01546847000000
C3B3H1S1P3L1M3J2E1A2,BRN,OGAB,4,12,8,12,840,15,10,MNAVG,0.08339239000000,0.00254357100000
C3B3H1S1P3L1M3J2E1A3,BRN,OGAB,4,12,8,12,840,15,10,MNHVY,0.18306820000000,0.02730931000000
C3B3H1S1P3L1M3J2E2A1,BRN,OGAB,4,12,8,12,840,15,40,MEPDG,0.09040979000000,0.00721522200000
C3B3H1S1P3L1M3J2E2A2,BRN,OGAB,4,12,8,12,840,15,40,MNAVG,0.03489467000000,0.00112530700000
C3B3H1S1P3L1M3J2E2A3,BRN,OGAB,4,12,8,12,840,15,40,MNHVY,0.06801021000000,0.01220599000000
C3B3H1S1P3L2M1J1E1A1,BRN,OGAB,4,12,8,13,340,12,10,MEPDG,2.64496400000000,0.23055970000000
C3B3H1S1P3L2M1J1E1A2,BRN,OGAB,4,12,8,13,340,12,10,MNAVG,1.61495600000000,0.03265152000000
C3B3H1S1P3L2M1J1E1A3,BRN,OGAB,4,12,8,13,340,12,10,MNHVY,2.74379000000000,0.36959040000000
C3B3H1S1P3L2M1J1E2A1,BRN,OGAB,4,12,8,13,340,12,40,MEPDG,2.64496400000000,0.23055970000000
C3B3H1S1P3L2M1J1E2A2,BRN,OGAB,4,12,8,13,340,12,40,MNAVG,1.61495600000000,0.03265152000000
```

```
C3B3H1S1P3L2M1J1E2A3,BRN,OGAB,4,12,8,13,340,12,40,MNHVY,2.74379000000000,0.36959040000000
C3B3H1S1P3L2M1J2E1A1,BRN,OGAB,4,12,8,13,340,15,10,MEPDG,6.49877800000000,0.48857820000000
C3B3H1S1P3L2M1J2E1A2,BRN,OGAB,4,12,8,13,340,15,10,MNAVG,4.83271300000000,0.09626458000000
C3B3H1S1P3L2M1J2E1A3,BRN,OGAB,4,12,8,13,340,15,10,MNHVY,8.93529600000000,0.91805930000000
C3B3H1S1P3L2M1J2E2A1,BRN,OGAB,4,12,8,13,340,15,40,MEPDG,6.49877800000000,0.48857820000000
C3B3H1S1P3L2M1J2E2A2,BRN,OGAB,4,12,8,13,340,15,40,MNAVG,4.83271300000000,0.09626458000000
C3B3H1S1P3L2M1J2E2A3,BRN,OGAB,4,12,8,13,340,15,40,MNHVY,8.93529600000000,0.91805930000000
C3B3H1S1P3L2M2J1E1A1,BRN,OGAB,4,12,8,13,590,12,10,MEPDG,0.05965295000000,0.00857343300000
C3B3H1S1P3L2M2J1E1A2,BRN,OGAB,4,12,8,13,590,12,10,MNAVG,0.02260911000000,0.00098842510000
C3B3H1S1P3L2M2J1E1A3,BRN,OGAB,4,12,8,13,590,12,10,MNHVY,0.03260985000000,0.01172763000000
C3B3H1S1P3L2M2J1E2A1,BRN,OGAB,4,12,8,13,590,12,40,MEPDG,0.05965295000000,0.00857343300000
C3B3H1S1P3L2M2J1E2A2,BRN,OGAB,4,12,8,13,590,12,40,MNAVG,0.02260911000000,0.00098842510000
C3B3H1S1P3L2M2J1E2A3,BRN,OGAB,4,12,8,13,590,12,40,MNHVY,0.03260985000000,0.01172763000000
C3B3H1S1P3L2M2J2E1A1,BRN,OGAB,4,12,8,13,590,15,10,MEPDG,0.28700230000000,0.04191418000000
C3B3H1S1P3L2M2J2E1A2,BRN,OGAB,4,12,8,13,590,15,10,MNAVG,0.15505630000000,0.00772077000000
C3B3H1S1P3L2M2J2E1A3,BRN,OGAB,4,12,8,13,590,15,10,MNHVY,0.29524110000000,0.07641128000000
C3B3H1S1P3L2M2J2E2A1,BRN,OGAB,4,12,8,13,590,15,40,MEPDG,0.28700230000000,0.04191418000000
C3B3H1S1P3L2M2J2E2A2,BRN,OGAB,4,12,8,13,590,15,40,MNAVG,0.15505630000000,0.00772077000000
C3B3H1S1P3L2M2J2E2A3,BRN,OGAB,4,12,8,13,590,15,40,MNHVY,0.29524110000000,0.07641128000000
C3B3H1S1P3L2M3J1E1A1,BRN,OGAB,4,12,8,13,840,12,10,MEPDG,0.00248737700000,0.00039098380000
C3B3H1S1P3L2M3J1E1A2,BRN,OGAB,4,12,8,13,840,12,10,MNAVG,0.00072601930000,0.00003512371000
C3B3H1S1P3L2M3J1E1A3,BRN,OGAB,4,12,8,13,840,12,10,MNHVY,0.00082191000000,0.00043920070000
C3B3H1S1P3L2M3J1E2A1,BRN,OGAB,4,12,8,13,840,12,40,MEPDG,0.00248737700000,0.00039098380000
C3B3H1S1P3L2M3J1E2A2,BRN,OGAB,4,12,8,13,840,12,40,MNAVG,0.00072601930000,0.00003512371000
C3B3H1S1P3L2M3J1E2A3,BRN,OGAB,4,12,8,13,840,12,40,MNHVY,0.00082191000000,0.00043920070000
C3B3H1S1P3L2M3J2E1A1,BRN,OGAB,4,12,8,13,840,15,10,MEPDG,0.02019408000000,0.00314558100000
C3B3H1S1P3L2M3J2E1A2,BRN,OGAB,4,12,8,13,840,15,10,MNAVG,0.00783588700000,0.00050783890000
C3B3H1S1P3L2M3J2E1A3,BRN,OGAB,4,12,8,13,840,15,10,MNHVY,0.01505998000000,0.00542474800000
C3B3H1S1P3L2M3J2E2A1,BRN,OGAB,4,12,8,13,840,15,40,MEPDG,0.02019408000000,0.00314558100000
C3B3H1S1P3L2M3J2E2A2,BRN,OGAB,4,12,8,13,840,15,40,MNAVG,0.00783588700000,0.00050783890000
C3B3H1S1P3L2M3J2E2A3,BRN,OGAB,4,12,8,13,840,15,40,MNHVY,0.01505998000000,0.00542474800000
C3B3H1S1P4L1M1J1E1A1,BRN,OGAB,4,12,9,12,340,12,10,MEPDG,6.02848600000000,0.59948150000000
C3B3H1S1P4L1M1J1E1A2,BRN,OGAB,4,12,9,12,340,12,10,MNAVG,3.02147900000000,0.08892186000000
C3B3H1S1P4L1M1J1E1A3,BRN,OGAB,4,12,9,12,340,12,10,MNHVY,5.28769900000000,1.01826200000000
C3B3H1S1P4L1M1J1E2A1,BRN,OGAB,4,12,9,12,340,12,40,MEPDG,2.85925200000000,0.33884190000000
C3B3H1S1P4L1M1J1E2A2,BRN,OGAB,4,12,9,12,340,12,40,MNAVG,1.43854200000000,0.04713820000000
C3B3H1S1P4L1M1J1E2A3,BRN,OGAB,4,12,9,12,340,12,40,MNHVY,2.34564800000000,0.54785700000000
C3B3H1S1P4L1M1J2E1A1,BRN,OGAB,4,12,9,12,340,15,10,MEPDG,16.33912000000000,1.54238200000000
C3B3H1S1P4L1M1J2E1A2,BRN,OGAB,4,12,9,12,340,15,10,MNAVG,10.36210000000000,0.30101030000000
C3B3H1S1P4L1M1J2E1A3,BRN,OGAB,4,12,9,12,340,15,10,MNHVY,20.57985000000000,2.96356200000000
C3B3H1S1P4L1M1J2E2A1,BRN,OGAB,4,12,9,12,340,15,40,MEPDG,8.64935700000000,0.86884590000000
C3B3H1S1P4L1M1J2E2A2,BRN,OGAB,4,12,9,12,340,15,40,MNAVG,5.64487500000000,0.16576810000000
C3B3H1S1P4L1M1J2E2A3,BRN,OGAB,4,12,9,12,340,15,40,MNHVY,10.67676000000000,1.64649700000000
C3B3H1S1P4L1M2J1E1A1,BRN,OGAB,4,12,9,12,590,12,10,MEPDG,0.11875460000000,0.01734168000000
C3B3H1S1P4L1M2J1E1A2,BRN,OGAB,4,12,9,12,590,12,10,MNAVG,0.03264218000000,0.00215662500000
C3B3H1S1P4L1M2J1E1A3,BRN,OGAB,4,12,9,12,590,12,10,MNHVY,0.04843246000000,0.02618647000000
C3B3H1S1P4L1M2J1E2A1,BRN,OGAB,4,12,9,12,590,12,40,MEPDG,0.04220135000000,0.00884324100000
C3B3H1S1P4L1M2J1E2A2,BRN,OGAB,4,12,9,12,590,12,40,MNAVG,0.01250365000000,0.00100433900000
C3B3H1S1P4L1M2J1E2A3,BRN,OGAB,4,12,9,12,590,12,40,MNHVY,0.01634482000000,0.01238108000000
C3B3H1S1P4L1M2J2E1A1,BRN,OGAB,4,12,9,12,590,15,10,MEPDG,0.60241910000000,0.09133022000000
```

```
C3B3H1S1P4L1M2J2E1A2,BRN,OGAB,4,12,9,12,590,15,10,MNAVG,0.23222240000000,0.01629354000000
C3B3H1S1P4L1M2J2E1A3,BRN,OGAB,4,12,9,12,590,15,10,MNHVY,0.49675160000000,0.17012650000000
C3B3H1S1P4L1M2J2E2A1,BRN,OGAB,4,12,9,12,590,15,40,MEPDG,0.25211380000000,0.04635512000000
C3B3H1S1P4L1M2J2E2A2,BRN,OGAB,4,12,9,12,590,15,40,MNAVG,0.10461570000000,0.00796796600000
C3B3H1S1P4L1M2J2E2A3,BRN,OGAB,4,12,9,12,590,15,40,MNHVY,0.20253170000000,0.08389148000000
C3B3H1S1P4L1M3J1E1A1,BRN,OGAB,4,12,9,12,840,12,10,MEPDG,0.00474544800000,0.00059775390000
C3B3H1S1P4L1M3J1E1A2,BRN,OGAB,4,12,9,12,840,12,10,MNAVG,0.00103655900000,0.00005724487000
C3B3H1S1P4L1M3J1E1A3,BRN,OGAB,4,12,9,12,840,12,10,MNHVY,0.00116550900000,0.00073103120000
C3B3H1S1P4L1M3J1E2A1,BRN,OGAB,4,12,9,12,840,12,40,MEPDG,0.00131402100000,0.00031556970000
C3B3H1S1P4L1M3J1E2A2,BRN,OGAB,4,12,9,12,840,12,40,MNAVG,0.00033866140000,0.00002723066000
C3B3H1S1P4L1M3J1E2A3,BRN,OGAB,4,12,9,12,840,12,40,MNHVY,0.00033004080000,0.00035254750000
C3B3H1S1P4L1M3J2E1A1,BRN,OGAB,4,12,9,12,840,15,10,MEPDG,0.03705260000000,0.00616044800000
C3B3H1S1P4L1M3J2E1A2,BRN,OGAB,4,12,9,12,840,15,10,MNAVG,0.00938564200000,0.00095729120000
C3B3H1S1P4L1M3J2E1A3,BRN,OGAB,4,12,9,12,840,15,10,MNHVY,0.02029170000000,0.01091211000000
C3B3H1S1P4L1M3J2E2A1,BRN,OGAB,4,12,9,12,840,15,40,MEPDG,0.01254914000000,0.00291219700000
C3B3H1S1P4L1M3J2E2A2,BRN,OGAB,4,12,9,12,840,15,40,MNAVG,0.00356875800000,0.00043107130000
C3B3H1S1P4L1M3J2E2A3,BRN,OGAB,4,12,9,12,840,15,40,MNHVY,0.00672225700000,0.00495833600000
C3B3H1S1P4L2M1J1E1A1,BRN,OGAB,4,12,9,13,340,12,10,MEPDG,0.66782300000000,0.14551170000000
C3B3H1S1P4L2M1J1E1A2,BRN,OGAB,4,12,9,13,340,12,10,MNAVG,0.32749820000000,0.02073600000000
C3B3H1S1P4L2M1J1E1A3,BRN,OGAB,4,12,9,13,340,12,10,MNHVY,0.52710890000000,0.23711360000000
C3B3H1S1P4L2M1J1E2A1,BRN,OGAB,4,12,9,13,340,12,40,MEPDG,0.66782300000000,0.14551170000000
C3B3H1S1P4L2M1J1E2A2,BRN,OGAB,4,12,9,13,340,12,40,MNAVG,0.32749820000000,0.02073600000000
C3B3H1S1P4L2M1J1E2A3,BRN,OGAB,4,12,9,13,340,12,40,MNHVY,0.52710890000000,0.23711360000000
C3B3H1S1P4L2M1J2E1A1,BRN,OGAB,4,12,9,13,340,15,10,MEPDG,2.24831800000000,0.44547050000000
C3B3H1S1P4L2M1J2E1A2,BRN,OGAB,4,12,9,13,340,15,10,MNAVG,1.46800500000000,0.08864602000000
C3B3H1S1P4L2M1J2E1A3,BRN,OGAB,4,12,9,13,340,15,10,MNHVY,2.75389400000000,0.85121260000000
C3B3H1S1P4L2M1J2E2A1,BRN,OGAB,4,12,9,13,340,15,40,MEPDG,2.24831800000000,0.44547050000000
C3B3H1S1P4L2M1J2E2A2,BRN,OGAB,4,12,9,13,340,15,40,MNAVG,1.46800500000000,0.08864602000000
C3B3H1S1P4L2M1J2E2A3,BRN,OGAB,4,12,9,13,340,15,40,MNHVY,2.75389400000000,0.85121260000000
C3B3H1S1P4L2M2J1E1A1,BRN,OGAB,4,12,9,13,590,12,10,MEPDG,0.00860264300000,0.00357183700000
C3B3H1S1P4L2M2J1E1A2,BRN,OGAB,4,12,9,13,590,12,10,MNAVG,0.00256691400000,0.00041682220000
C3B3H1S1P4L2M2J1E1A3,BRN,OGAB,4,12,9,13,590,12,10,MNHVY,0.00324566700000,0.00505795500000
C3B3H1S1P4L2M2J1E2A1,BRN,OGAB,4,12,9,13,590,12,40,MEPDG,0.00860264300000,0.00357183700000
C3B3H1S1P4L2M2J1E2A2,BRN,OGAB,4,12,9,13,590,12,40,MNAVG,0.00256691400000,0.00041682220000
C3B3H1S1P4L2M2J1E2A3,BRN,OGAB,4,12,9,13,590,12,40,MNHVY,0.00324566700000,0.00505795500000
C3B3H1S1P4L2M2J2E1A1,BRN,OGAB,4,12,9,13,590,15,10,MEPDG,0.05823830000000,0.02301881000000
C3B3H1S1P4L2M2J2E1A2,BRN,OGAB,4,12,9,13,590,15,10,MNAVG,0.02436091000000,0.00413609600000
C3B3H1S1P4L2M2J2E1A3,BRN,OGAB,4,12,9,13,590,15,10,MNHVY,0.04646535000000,0.04240836000000
C3B3H1S1P4L2M2J2E2A1,BRN,OGAB,4,12,9,13,590,15,40,MEPDG,0.05823830000000,0.02301881000000
C3B3H1S1P4L2M2J2E2A2,BRN,OGAB,4,12,9,13,590,15,40,MNAVG,0.02436091000000,0.00413609600000
C3B3H1S1P4L2M2J2E2A3,BRN,OGAB,4,12,9,13,590,15,40,MNHVY,0.04646535000000,0.04240836000000
C3B3H1S1P4L2M3J1E1A1,BRN,OGAB,4,12,9,13,840,12,10,MEPDG,0.00023935930000,0.00011977760000
C3B3H1S1P4L2M3J1E1A2,BRN,OGAB,4,12,9,13,840,12,10,MNAVG,0.00006420796000,0.00001065748000
C3B3H1S1P4L2M3J1E1A3,BRN,OGAB,4,12,9,13,840,12,10,MNHVY,0.00005995651000,0.00013638910000
C3B3H1S1P4L2M3J1E2A1,BRN,OGAB,4,12,9,13,840,12,40,MEPDG,0.00023935930000,0.00011977760000
C3B3H1S1P4L2M3J1E2A2,BRN,OGAB,4,12,9,13,840,12,40,MNAVG,0.00006420796000,0.00001065748000
C3B3H1S1P4L2M3J1E2A3,BRN,OGAB,4,12,9,13,840,12,40,MNHVY,0.00005995651000,0.00013638910000
C3B3H1S1P4L2M3J2E1A1,BRN,OGAB,4,12,9,13,840,15,10,MEPDG,0.00263203200000,0.00132033900000
C3B3H1S1P4L2M3J2E1A2,BRN,OGAB,4,12,9,13,840,15,10,MNAVG,0.00076208480000,0.00020278120000
C3B3H1S1P4L2M3J2E1A3,BRN,OGAB,4,12,9,13,840,15,10,MNHVY,0.00141312800000,0.00229046700000
```

```
C3B3H1S1P4L2M3J2E2A1,BRN,OGAB,4,12,9,13,840,15,40,MEPDG,0.00263203200000,0.00132033900000
C3B3H1S1P4L2M3J2E2A2,BRN,OGAB,4,12,9,13,840,15,40,MNAVG,0.00076208480000,0.00020278120000
C3B3H1S1P4L2M3J2E2A3,BRN,OGAB,4,12,9,13,840,15,40,MNHVY,0.00141312800000,0.00229046700000
C3B3H1S1P5L1M1J1E1A1,BRN,OGAB,4,12,10,12,340,12,10,MEPDG,1.63994400000000,0.33947460000000
C3B3H1S1P5L1M1J1E1A2,BRN,OGAB,4,12,10,12,340,12,10,MNAVG,0.62277000000000,0.04925592000000
C3B3H1S1P5L1M1J1E1A3,BRN,OGAB,4,12,10,12,340,12,10,MNHVY,1.05380900000000,0.58276230000000
C3B3H1S1P5L1M1J1E2A1,BRN,OGAB,4,12,10,12,340,12,40,MEPDG,0.69693380000000,0.18870000000000
C3B3H1S1P5L1M1J1E2A2,BRN,OGAB,4,12,10,12,340,12,40,MNAVG,0.27145120000000,0.02577434000000
C3B3H1S1P5L1M1J1E2A3,BRN,OGAB,4,12,10,12,340,12,40,MNHVY,0.41372130000000,0.30812990000000
C3B3H1S1P5L1M1J2E1A1,BRN,OGAB,4,12,10,12,340,15,10,MEPDG,5.70709700000000,1.03159000000000
C3B3H1S1P5L1M1J2E1A2,BRN,OGAB,4,12,10,12,340,15,10,MNAVG,2.97230100000000,0.19395530000000
C3B3H1S1P5L1M1J2E1A3,BRN,OGAB,4,12,10,12,340,15,10,MNHVY,6.12347800000000,1.98960700000000
C3B3H1S1P5L1M1J2E2A1,BRN,OGAB,4,12,10,12,340,15,40,MEPDG,2.75847700000000,0.59813190000000
C3B3H1S1P5L1M1J2E2A2,BRN,OGAB,4,12,10,12,340,15,40,MNAVG,1.50704500000000,0.11074900000000
C3B3H1S1P5L1M1J2E2A3,BRN,OGAB,4,12,10,12,340,15,40,MNHVY,2.87936600000000,1.13666200000000
C3B3H1S1P5L1M2J1E1A1,BRN,OGAB,4,12,10,12,590,12,10,MEPDG,0.02037155000000,0.00606722900000
C3B3H1S1P5L1M2J1E1A2,BRN,OGAB,4,12,10,12,590,12,10,MNAVG,0.00450334300000,0.00070008820000
C3B3H1S1P5L1M2J1E1A3,BRN,OGAB,4,12,10,12,590,12,10,MNHVY,0.00579609200000,0.00883671700000
C3B3H1S1P5L1M2J1E2A1,BRN,OGAB,4,12,10,12,590,12,40,MEPDG,0.00616470200000,0.00333097100000
C3B3H1S1P5L1M2J1E2A2,BRN,OGAB,4,12,10,12,590,12,40,MNAVG,0.00156513600000,0.00036028110000
C3B3H1S1P5L1M2J1E2A3,BRN,OGAB,4,12,10,12,590,12,40,MNHVY,0.00171078800000,0.00458847000000
C3B3H1S1P5L1M2J2E1A1,BRN,OGAB,4,12,10,12,590,15,10,MEPDG,0.12355830000000,0.04424794000000
C3B3H1S1P5L1M2J2E1A2,BRN,OGAB,4,12,10,12,590,15,10,MNAVG,0.03486333000000,0.00735461600000
C3B3H1S1P5L1M2J2E1A3,BRN,OGAB,4,12,10,12,590,15,10,MNHVY,0.07204736000000,0.08201056000000
C3B3H1S1P5L1M2J2E2A1,BRN,OGAB,4,12,10,12,590,15,40,MEPDG,0.04498376000000,0.02325433000000
C3B3H1S1P5L1M2J2E2A2,BRN,OGAB,4,12,10,12,590,15,40,MNAVG,0.01405516000000,0.00376363100000
C3B3H1S1P5L1M2J2E2A3,BRN,OGAB,4,12,10,12,590,15,40,MNHVY,0.02525814000000,0.04198853000000
C3B3H1S1P5L1M3J1E1A1,BRN,OGAB,4,12,10,12,840,12,10,MEPDG,0.00061417140000,0.00016293020000
C3B3H1S1P5L1M3J1E1A2,BRN,OGAB,4,12,10,12,840,12,10,MNAVG,0.00011932570000,0.00001422683000
C3B3H1S1P5L1M3J1E1A3,BRN,OGAB,4,12,10,12,840,12,10,MNHVY,0.00011337600000,0.00019011280000
C3B3H1S1P5L1M3J1E2A1,BRN,OGAB,4,12,10,12,840,12,40,MEPDG,0.00014725300000,0.00009213846000
C3B3H1S1P5L1M3J1E2A2,BRN,OGAB,4,12,10,12,840,12,40,MNAVG,0.00003578119000,0.00000747593100
C3B3H1S1P5L1M3J1E2A3,BRN,OGAB,4,12,10,12,840,12,40,MNHVY,0.00002980979000,0.00009995517000
C3B3H1S1P5L1M3J2E1A1,BRN,OGAB,4,12,10,12,840,15,10,MEPDG,0.00478776600000,0.00217054000000
C3B3H1S1P5L1M3J2E1A2,BRN,OGAB,4,12,10,12,840,15,10,MNAVG,0.00091283800000,0.00030593590000
C3B3H1S1P5L1M3J2E1A3,BRN,OGAB,4,12,10,12,840,15,10,MNHVY,0.00163868000000,0.00370715200000
C3B3H1S1P5L1M3J2E2A1,BRN,OGAB,4,12,10,12,840,15,40,MEPDG,0.00141673000000,0.00111961900000
C3B3H1S1P5L1M3J2E2A2,BRN,OGAB,4,12,10,12,840,15,40,MNAVG,0.00031959840000,0.00015284670000
C3B3H1S1P5L1M3J2E2A3,BRN,OGAB,4,12,10,12,840,15,40,MNHVY,0.00050034310000,0.00185768700000
C3B3H1S1P5L2M1J1E1A1,BRN,OGAB,4,12,10,13,340,12,10,MEPDG,0.15475540000000,0.08355719000000
C3B3H1S1P5L2M1J1E1A2,BRN,OGAB,4,12,10,13,340,12,10,MNAVG,0.05925260000000,0.01168119000000
C3B3H1S1P5L2M1J1E1A3,BRN,OGAB,4,12,10,13,340,12,10,MNHVY,0.08803672000000,0.13742370000000
C3B3H1S1P5L2M1J1E2A1,BRN,OGAB,4,12,10,13,340,12,40,MEPDG,0.15475540000000,0.08355719000000
C3B3H1S1P5L2M1J1E2A2,BRN,OGAB,4,12,10,13,340,12,40,MNAVG,0.05925260000000,0.01168119000000
C3B3H1S1P5L2M1J1E2A3,BRN,OGAB,4,12,10,13,340,12,40,MNHVY,0.08803672000000,0.13742370000000
C3B3H1S1P5L2M1J2E1A1,BRN,OGAB,4,12,10,13,340,15,10,MEPDG,0.68606840000000,0.30671770000000
C3B3H1S1P5L2M1J2E1A2,BRN,OGAB,4,12,10,13,340,15,10,MNAVG,0.37589390000000,0.05858053000000
C3B3H1S1P5L2M1J2E1A3,BRN,OGAB,4,12,10,13,340,15,10,MNHVY,0.70771940000000,0.58737270000000
C3B3H1S1P5L2M1J2E2A1,BRN,OGAB,4,12,10,13,340,15,40,MEPDG,0.68606840000000,0.30671770000000
C3B3H1S1P5L2M1J2E2A2,BRN,OGAB,4,12,10,13,340,15,40,MNAVG,0.37589390000000,0.05858053000000
```

```
C3B3H1S1P5L2M1J2E2A3,BRN,OGAB,4,12,10,13,340,15,40,MNHVY,0.70771940000000,0.58737270000000
C3B3H1S1P5L2M2J1E1A1,BRN,OGAB,4,12,10,13,590,12,10,MEPDG,0.00121032400000,0.00140447000000
C3B3H1S1P5L2M2J1E1A2,BRN,OGAB,4,12,10,13,590,12,10,MNAVG,0.00031774260000,0.00015673300000
C3B3H1S1P5L2M2J1E1A3,BRN,OGAB,4,12,10,13,590,12,10,MNHVY,0.00034325240000,0.00196766900000
C3B3H1S1P5L2M2J1E2A1,BRN,OGAB,4,12,10,13,590,12,40,MEPDG,0.00121032400000,0.00140447000000
C3B3H1S1P5L2M2J1E2A2,BRN,OGAB,4,12,10,13,590,12,40,MNAVG,0.00031774260000,0.00015673300000
C3B3H1S1P5L2M2J1E2A3,BRN,OGAB,4,12,10,13,590,12,40,MNHVY,0.00034325240000,0.00196766900000
C3B3H1S1P5L2M2J2E1A1,BRN,OGAB,4,12,10,13,590,15,10,MEPDG,0.00976882400000,0.01130026000000
C3B3H1S1P5L2M2J2E1A2,BRN,OGAB,4,12,10,13,590,15,10,MNAVG,0.00311074700000,0.00188813600000
C3B3H1S1P5L2M2J2E1A3,BRN,OGAB,4,12,10,13,590,15,10,MNHVY,0.00546755100000,0.02067016000000
C3B3H1S1P5L2M2J2E2A1,BRN,OGAB,4,12,10,13,590,15,40,MEPDG,0.00976882400000,0.01130026000000
C3B3H1S1P5L2M2J2E2A2,BRN,OGAB,4,12,10,13,590,15,40,MNAVG,0.00311074700000,0.00188813600000
C3B3H1S1P5L2M2J2E2A3,BRN,OGAB,4,12,10,13,590,15,40,MNHVY,0.00546755100000,0.02067016000000
C3B3H1S1P5L2M3J1E1A1,BRN,OGAB,4,12,10,13,840,12,10,MEPDG,0.00002535582000,0.00003654304000
C3B3H1S1P5L2M3J1E1A2,BRN,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000651090300,0.00000305767300
C3B3H1S1P5L2M3J1E1A3,BRN,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000523326400,0.00004055227000
C3B3H1S1P5L2M3J1E2A1,BRN,OGAB,4,12,10,13,840,12,40,MEPDG,0.00002535582000,0.00003654304000
C3B3H1S1P5L2M3J1E2A2,BRN,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000651090300,0.00000305767300
C3B3H1S1P5L2M3J1E2A3,BRN,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000523326400,0.00004055227000
C3B3H1S1P5L2M3J2E1A1,BRN,OGAB,4,12,10,13,840,15,10,MEPDG,0.00027479520000,0.00051588150000
C3B3H1S1P5L2M3J2E1A2,BRN,OGAB,4,12,10,13,840,15,10,MNAVG,0.00006423639000,0.00007287075000
C3B3H1S1P5L2M3J2E1A3,BRN,OGAB,4,12,10,13,840,15,10,MNHVY,0.00009756153000,0.00087161050000
C3B3H1S1P5L2M3J2E2A1,BRN,OGAB,4,12,10,13,840,15,40,MEPDG,0.00027479520000,0.00051588150000
C3B3H1S1P5L2M3J2E2A2,BRN,OGAB,4,12,10,13,840,15,40,MNAVG,0.00006423639000,0.00007287075000
C3B3H1S1P5L2M3J2E2A3,BRN,OGAB,4,12,10,13,840,15,40,MNHVY,0.00009756153000,0.00087161050000
C3B3H1S1P6L1M1J1E1A1,BRN,OGAB,4,12,11,12,340,12,10,MEPDG,0.42288600000000,0.16814780000000
C3B3H1S1P6L1M1J1E1A2,BRN,OGAB,4,12,11,12,340,12,10,MNAVG,0.12208650000000,0.02305067000000
C3B3H1S1P6L1M1J1E1A3,BRN,OGAB,4,12,11,12,340,12,10,MNHVY,0.19436410000000,0.28309680000000
C3B3H1S1P6L1M1J1E2A1,BRN,OGAB,4,12,11,12,340,12,40,MEPDG,0.16072290000000,0.09599274000000
C3B3H1S1P6L1M1J1E2A2,BRN,OGAB,4,12,11,12,340,12,40,MNAVG,0.04923014000000,0.01250754000000
C3B3H1S1P6L1M1J1E2A3,BRN,OGAB,4,12,11,12,340,12,40,MNHVY,0.06856704000000,0.15506530000000
C3B3H1S1P6L1M1J2E1A1,BRN,OGAB,4,12,11,12,340,15,10,MEPDG,1.79542700000000,0.65840000000000
C3B3H1S1P6L1M1J2E1A2,BRN,OGAB,4,12,11,12,340,15,10,MNAVG,0.73710550000000,0.11705500000000
C3B3H1S1P6L1M1J2E1A3,BRN,OGAB,4,12,11,12,340,15,10,MNHVY,1.54232000000000,1.26662300000000
C3B3H1S1P6L1M1J2E2A1,BRN,OGAB,4,12,11,12,340,15,40,MEPDG,0.78765260000000,0.37898340000000
C3B3H1S1P6L1M1J2E2A2,BRN,OGAB,4,12,11,12,340,15,40,MNAVG,0.34583910000000,0.06639754000000
C3B3H1S1P6L1M1J2E2A3,BRN,OGAB,4,12,11,12,340,15,40,MNHVY,0.65307350000000,0.71607150000000
C3B3H1S1P6L1M2J1E1A1,BRN,OGAB,4,12,11,12,590,12,10,MEPDG,0.00364080200000,0.00208717800000
C3B3H1S1P6L1M2J1E1A2,BRN,OGAB,4,12,11,12,590,12,10,MNAVG,0.00070246270000,0.00021957880000
C3B3H1S1P6L1M2J1E1A3,BRN,OGAB,4,12,11,12,590,12,10,MNHVY,0.00077971290000,0.00288834000000
C3B3H1S1P6L1M2J1E2A1,BRN,OGAB,4,12,11,12,590,12,40,MEPDG,0.00098398210000,0.00123923300000
C3B3H1S1P6L1M2J1E2A2,BRN,OGAB,4,12,11,12,590,12,40,MNAVG,0.00023112460000,0.00012519140000
C3B3H1S1P6L1M2J1E2A3,BRN,OGAB,4,12,11,12,590,12,40,MNHVY,0.00022120000000,0.00164692600000
C3B3H1S1P6L1M2J2E1A1,BRN,OGAB,4,12,11,12,590,15,10,MEPDG,0.02251741000000,0.01948703000000
C3B3H1S1P6L1M2J2E1A2,BRN,OGAB,4,12,11,12,590,15,10,MNAVG,0.00480042100000,0.00296005200000
C3B3H1S1P6L1M2J2E1A3,BRN,OGAB,4,12,11,12,590,15,10,MNHVY,0.00881668600000,0.03509324000000
C3B3H1S1P6L1M2J2E2A1,BRN,OGAB,4,12,11,12,590,15,40,MEPDG,0.00721936400000,0.01071390000000
C3B3H1S1P6L1M2J2E2A2,BRN,OGAB,4,12,11,12,590,15,40,MNAVG,0.00177824000000,0.00159657600000
C3B3H1S1P6L1M2J2E2A3,BRN,OGAB,4,12,11,12,590,15,40,MNHVY,0.00277625900000,0.01890548000000
C3B3H1S1P6L1M3J1E1A1,BRN,OGAB,4,12,11,12,840,12,10,MEPDG,0.00009518660000,0.00004972198000
```

```
C3B3H1S1P6L1M3J1E1A2,BRN,OGAB,4,12,11,12,840,12,10,MNAVG,0.00001573736000,0.00000384484400
C3B3H1S1P6L1M3J1E1A3,BRN,OGAB,4,12,11,12,840,12,10,MNHVY,0.00001411661000,0.00005474436000
C3B3H1S1P6L1M3J1E2A1,BRN,OGAB,4,12,11,12,840,12,40,MEPDG,0.00002086710000,0.00003167150000
C3B3H1S1P6L1M3J1E2A2,BRN,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000446073100,0.00000235502400
C3B3H1S1P6L1M3J1E2A3,BRN,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000352437400,0.00003320065000
C3B3H1S1P6L1M3J2E1A1,BRN,OGAB,4,12,11,12,840,15,10,MEPDG,0.00054652730000,0.00078293540000
C3B3H1S1P6L1M3J2E1A2,BRN,OGAB,4,12,11,12,840,15,10,MNAVG,0.00008681352000,0.00009709391000
C3B3H1S1P6L1M3J2E1A3,BRN,OGAB,4,12,11,12,840,15,10,MNHVY,0.00011493090000,0.00125995500000
C3B3H1S1P6L1M3J2E2A1,BRN,OGAB,4,12,11,12,840,15,40,MEPDG,0.00013942900000,0.00042679300000
C3B3H1S1P6L1M3J2E2A2,BRN,OGAB,4,12,11,12,840,15,40,MNAVG,0.00002769756000,0.00005218905000
C3B3H1S1P6L1M3J2E2A3,BRN,OGAB,4,12,11,12,840,15,40,MNHVY,0.00003179625000,0.00067202320000
C3B3H1S1P6L2M1J1E1A1,BRN,OGAB,4,12,11,13,340,12,10,MEPDG,0.03390362000000,0.04379930000000
C3B3H1S1P6L2M1J1E1A2,BRN,OGAB,4,12,11,13,340,12,10,MNAVG,0.01037851000000,0.00584887700000
C3B3H1S1P6L2M1J1E1A3,BRN,OGAB,4,12,11,13,340,12,10,MNHVY,0.01391230000000,0.07137102000000
C3B3H1S1P6L2M1J1E2A1,BRN,OGAB,4,12,11,13,340,12,40,MEPDG,0.03390362000000,0.04379930000000
C3B3H1S1P6L2M1J1E2A2,BRN,OGAB,4,12,11,13,340,12,40,MNAVG,0.01037851000000,0.00584887700000
C3B3H1S1P6L2M1J1E2A3,BRN,OGAB,4,12,11,13,340,12,40,MNHVY,0.01391230000000,0.07137102000000
C3B3H1S1P6L2M1J2E1A1,BRN,OGAB,4,12,11,13,340,15,10,MEPDG,0.18594020000000,0.20117990000000
C3B3H1S1P6L2M1J2E1A2,BRN,OGAB,4,12,11,13,340,15,10,MNAVG,0.08212537000000,0.03644132000000
C3B3H1S1P6L2M1J2E1A3,BRN,OGAB,4,12,11,13,340,15,10,MNHVY,0.15155000000000,0.38406950000000
C3B3H1S1P6L2M1J2E2A1,BRN,OGAB,4,12,11,13,340,15,40,MEPDG,0.18594020000000,0.20117990000000
C3B3H1S1P6L2M1J2E2A2,BRN,OGAB,4,12,11,13,340,15,40,MNAVG,0.08212537000000,0.03644132000000
C3B3H1S1P6L2M1J2E2A3,BRN,OGAB,4,12,11,13,340,15,40,MNHVY,0.15155000000000,0.38406950000000
C3B3H1S1P6L2M2J1E1A1,BRN,OGAB,4,12,11,13,590,12,10,MEPDG,0.00017834060000,0.00054508810000
C3B3H1S1P6L2M2J1E1A2,BRN,OGAB,4,12,11,13,590,12,10,MNAVG,0.00004408043000,0.00005690109000
C3B3H1S1P6L2M2J1E1A3,BRN,OGAB,4,12,11,13,590,12,10,MNHVY,0.00004039400000,0.00073934310000
C3B3H1S1P6L2M2J1E2A1,BRN,OGAB,4,12,11,13,590,12,40,MEPDG,0.00017834060000,0.00054508810000
C3B3H1S1P6L2M2J1E2A2,BRN,OGAB,4,12,11,13,590,12,40,MNAVG,0.00004408043000,0.00005690109000
C3B3H1S1P6L2M2J1E2A3,BRN,OGAB,4,12,11,13,590,12,40,MNHVY,0.00004039400000,0.00073934310000
C3B3H1S1P6L2M2J2E1A1,BRN,OGAB,4,12,11,13,590,15,10,MEPDG,0.00145456900000,0.00537211500000
C3B3H1S1P6L2M2J2E1A2,BRN,OGAB,4,12,11,13,590,15,10,MNAVG,0.00036986020000,0.00082974280000
C3B3H1S1P6L2M2J2E1A3,BRN,OGAB,4,12,11,13,590,15,10,MNHVY,0.00055476530000,0.00963255800000
C3B3H1S1P6L2M2J2E2A1,BRN,OGAB,4,12,11,13,590,15,40,MEPDG,0.00145456900000,0.00537211500000
C3B3H1S1P6L2M2J2E2A2,BRN,OGAB,4,12,11,13,590,15,40,MNAVG,0.00036986020000,0.00082974280000
C3B3H1S1P6L2M2J2E2A3,BRN,OGAB,4,12,11,13,590,15,40,MNHVY,0.00055476530000,0.00963255800000
C3B3H1S1P6L2M3J1E1A1,BRN,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000340127200,0.00001362355000
C3B3H1S1P6L2M3J1E1A2,BRN,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000078172800,0.00000104744100
C3B3H1S1P6L2M3J1E1A3,BRN,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000058854290,0.00001470623000
C3B3H1S1P6L2M3J1E2A1,BRN,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000340127200,0.00001362355000
C3B3H1S1P6L2M3J1E2A2,BRN,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000078172800,0.00000104744100
C3B3H1S1P6L2M3J1E2A3,BRN,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000058854290,0.00001470623000
C3B3H1S1P6L2M3J2E1A1,BRN,OGAB,4,12,11,13,840,15,10,MEPDG,0.00002497895000,0.00020568840000
C3B3H1S1P6L2M3J2E1A2,BRN,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000525289800,0.00002599166000
C3B3H1S1P6L2M3J2E1A3,BRN,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000575417100,0.00033088650000
C3B3H1S1P6L2M3J2E2A1,BRN,OGAB,4,12,11,13,840,15,40,MEPDG,0.00002497895000,0.00020568840000
C3B3H1S1P6L2M3J2E2A2,BRN,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000525289800,0.00002599166000
C3B3H1S1P6L2M3J2E2A3,BRN,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000575417100,0.00033088650000
C3B3H1S1P7L1M1J1E1A1,BRN,OGAB,4,12,12,12,340,12,10,MEPDG,0.10922880000000,0.07222724000000
C3B3H1S1P7L1M1J1E1A2,BRN,OGAB,4,12,12,12,340,12,10,MNAVG,0.02515414000000,0.00933436900000
C3B3H1S1P7L1M1J1E1A3,BRN,OGAB,4,12,12,12,340,12,10,MNHVY,0.03699378000000,0.11786240000000
```

```
C3B3H1S1P7L1M1J1E2A1,BRN,OGAB,4,12,12,12,340,12,40,MEPDG,0.03736503000000,0.04322487000000
C3B3H1S1P7L1M1J1E2A2,BRN,OGAB,4,12,12,12,340,12,40,MNAVG,0.00958218500000,0.00540426600000
C3B3H1S1P7L1M1J1E2A3,BRN,OGAB,4,12,12,12,340,12,40,MNHVY,0.01207646000000,0.06843375000000
C3B3H1S1P7L1M1J2E1A1,BRN,OGAB,4,12,12,12,340,15,10,MEPDG,0.50472580000000,0.38786720000000
C3B3H1S1P7L1M1J2E1A2,BRN,OGAB,4,12,12,12,340,15,10,MNAVG,0.15697040000000,0.06515235000000
C3B3H1S1P7L1M1J2E1A3,BRN,OGAB,4,12,12,12,340,15,10,MNHVY,0.31960300000000,0.73546600000000
C3B3H1S1P7L1M1J2E2A1,BRN,OGAB,4,12,12,12,340,15,40,MEPDG,0.19905140000000,0.23062950000000
C3B3H1S1P7L1M1J2E2A2,BRN,OGAB,4,12,12,12,340,15,40,MNAVG,0.06765135000000,0.03827837000000
C3B3H1S1P7L1M1J2E2A3,BRN,OGAB,4,12,12,12,340,15,40,MNHVY,0.12064810000000,0.43027970000000
C3B3H1S1P7L1M2J1E1A1,BRN,OGAB,4,12,12,12,590,12,10,MEPDG,0.00071668920000,0.00078571690000
C3B3H1S1P7L1M2J1E1A2,BRN,OGAB,4,12,12,12,590,12,10,MNAVG,0.00012194960000,0.00007610527000
C3B3H1S1P7L1M2J1E1A3,BRN,OGAB,4,12,12,12,590,12,10,MNHVY,0.00012313290000,0.00103667600000
C3B3H1S1P7L1M2J1E2A1,BRN,OGAB,4,12,12,12,590,12,40,MEPDG,0.00017535820000,0.00050172700000
C3B3H1S1P7L1M2J1E2A2,BRN,OGAB,4,12,12,12,590,12,40,MNAVG,0.00003795519000,0.00004776579000
C3B3H1S1P7L1M2J1E2A3,BRN,OGAB,4,12,12,12,590,12,40,MNHVY,0.00003320188000,0.00064501860000
C3B3H1S1P7L1M2J2E1A1,BRN,OGAB,4,12,12,12,590,15,10,MEPDG,0.00358940100000,0.00839719300000
C3B3H1S1P7L1M2J2E1A2,BRN,OGAB,4,12,12,12,590,15,10,MNAVG,0.00061512600000,0.00116728600000
C3B3H1S1P7L1M2J2E1A3,BRN,OGAB,4,12,12,12,590,15,10,MNHVY,0.00090308270000,0.01448015000000
C3B3H1S1P7L1M2J2E2A1,BRN,OGAB,4,12,12,12,590,15,40,MEPDG,0.00100655000000,0.00484726600000
C3B3H1S1P7L1M2J2E2A2,BRN,OGAB,4,12,12,12,590,15,40,MNAVG,0.00021029040000,0.00066903210000
C3B3H1S1P7L1M2J2E2A3,BRN,OGAB,4,12,12,12,590,15,40,MNHVY,0.00026025450000,0.00824304100000
C3B3H1S1P7L1M3J1E1A1,BRN,OGAB,4,12,12,12,840,12,10,MEPDG,0.00001989359000,0.00001848052000
C3B3H1S1P7L1M3J1E1A2,BRN,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000253174900,0.00000130292000
C3B3H1S1P7L1M3J1E1A3,BRN,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000228935100,0.00001927658000
C3B3H1S1P7L1M3J1E2A1,BRN,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000397659800,0.00000892522300
C3B3H1S1P7L1M3J1E2A2,BRN,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000068333780,0.00000067332450
C3B3H1S1P7L1M3J1E2A3,BRN,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000052137210,0.00000997742100
C3B3H1S1P7L1M3J2E1A1,BRN,OGAB,4,12,12,12,840,15,10,MEPDG,0.00007068671000,0.00029822910000
C3B3H1S1P7L1M3J2E1A2,BRN,OGAB,4,12,12,12,840,15,10,MNAVG,0.00000968345700,0.00003220619000
C3B3H1S1P7L1M3J2E1A3,BRN,OGAB,4,12,12,12,840,15,10,MNHVY,0.00001068150000,0.00044383920000
C3B3H1S1P7L1M3J2E2A1,BRN,OGAB,4,12,12,12,840,15,40,MEPDG,0.00001596960000,0.00017648850000
C3B3H1S1P7L1M3J2E2A2,BRN,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000286821500,0.00001895991000
C3B3H1S1P7L1M3J2E2A3,BRN,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000272073200,0.00025819070000
C3B3H1S1P7L2M1J1E1A1,BRN,OGAB,4,12,12,13,340,12,10,MEPDG,0.00751914800000,0.02047936000000
C3B3H1S1P7L2M1J1E1A2,BRN,OGAB,4,12,12,13,340,12,10,MNAVG,0.00196951300000,0.00262687400000
C3B3H1S1P7L2M1J1E1A3,BRN,OGAB,4,12,12,13,340,12,10,MNHVY,0.00236626200000,0.03278952000000
C3B3H1S1P7L2M1J1E2A1,BRN,OGAB,4,12,12,13,340,12,40,MEPDG,0.00751914800000,0.02047936000000
C3B3H1S1P7L2M1J1E2A2,BRN,OGAB,4,12,12,13,340,12,40,MNAVG,0.00196951300000,0.00262687400000
C3B3H1S1P7L2M1J1E2A3,BRN,OGAB,4,12,12,13,340,12,40,MNHVY,0.00236626200000,0.03278952000000
C3B3H1S1P7L2M1J2E1A1,BRN,OGAB,4,12,12,13,340,15,10,MEPDG,0.04424092000000,0.12517090000000
C3B3H1S1P7L2M1J2E1A2,BRN,OGAB,4,12,12,13,340,15,10,MNAVG,0.01520330000000,0.02150513000000
C3B3H1S1P7L2M1J2E1A3,BRN,OGAB,4,12,12,13,340,15,10,MNHVY,0.02617796000000,0.23620530000000
C3B3H1S1P7L2M1J2E2A1,BRN,OGAB,4,12,12,13,340,15,40,MEPDG,0.04424092000000,0.12517090000000
C3B3H1S1P7L2M1J2E2A2,BRN,OGAB,4,12,12,13,340,15,40,MNAVG,0.01520330000000,0.02150513000000
C3B3H1S1P7L2M1J2E2A3,BRN,OGAB,4,12,12,13,340,15,40,MNHVY,0.02617796000000,0.23620530000000
C3B3H1S1P7L2M2J1E1A1,BRN,OGAB,4,12,12,13,590,12,10,MEPDG,0.00003051972000,0.00023114010000
C3B3H1S1P7L2M2J1E1A2,BRN,OGAB,4,12,12,13,590,12,10,MNAVG,0.00000704607000,0.00002278644000
C3B3H1S1P7L2M2J1E1A3,BRN,OGAB,4,12,12,13,590,12,10,MNHVY,0.00000589996500,0.00030455170000
C3B3H1S1P7L2M2J1E2A1,BRN,OGAB,4,12,12,13,590,12,40,MEPDG,0.00003051972000,0.00023114010000
C3B3H1S1P7L2M2J1E2A2,BRN,OGAB,4,12,12,13,590,12,40,MNAVG,0.00000704607000,0.00002278644000
```

```
C3B3H1S1P7L2M2J1E2A3,BRN,OGAB,4,12,12,13,590,12,40,MNHVY,0.00000589996500,0.00030455170000
C3B3H1S1P7L2M2J2E1A1,BRN,OGAB,4,12,12,13,590,15,10,MEPDG,0.00018923320000,0.00248869600000
C3B3H1S1P7L2M2J2E1A2,BRN,OGAB,4,12,12,13,590,15,10,MNAVG,0.00004159360000,0.00035603100000
C3B3H1S1P7L2M2J2E1A3,BRN,OGAB,4,12,12,13,590,15,10,MNHVY,0.00004912862000,0.00431197900000
C3B3H1S1P7L2M2J2E2A1,BRN,OGAB,4,12,12,13,590,15,40,MEPDG,0.00018923320000,0.00248869600000
C3B3H1S1P7L2M2J2E2A2,BRN,OGAB,4,12,12,13,590,15,40,MNAVG,0.00004159360000,0.00035603100000
C3B3H1S1P7L2M2J2E2A3,BRN,OGAB,4,12,12,13,590,15,40,MNHVY,0.00004912862000,0.00431197900000
C3B3H1S1P7L2M3J1E1A1,BRN,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000066437530,0.00000568610200
C3B3H1S1P7L2M3J1E1A2,BRN,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000012182810,0.00000039427310
C3B3H1S1P7L2M3J1E1A3,BRN,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000008942722,0.00000578922000
C3B3H1S1P7L2M3J1E2A1,BRN,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000066437530,0.00000568610200
C3B3H1S1P7L2M3J1E2A2,BRN,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000012182810,0.00000039427310
C3B3H1S1P7L2M3J1E2A3,BRN,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000008942722,0.00000578922000
C3B3H1S1P7L2M3J2E1A1,BRN,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000273133700,0.00008600840000
C3B3H1S1P7L2M3J2E1A2,BRN,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000052623160,0.00000949229400
C3B3H1S1P7L2M3J2E1A3,BRN,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000047963610,0.00012830040000
C3B3H1S1P7L2M3J2E2A1,BRN,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000273133700,0.00008600840000
C3B3H1S1P7L2M3J2E2A2,BRN,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000052623160,0.00000949229400
C3B3H1S1P7L2M3J2E2A3,BRN,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000047963610,0.00012830040000
C3B3H2S2P1L1M1J1E1A1,BRN,OGAB,12,4,6,12,340,12,10,MEPDG,51.57539000000000,0.00598000800000
C3B3H2S2P1L1M1J1E1A2,BRN,OGAB,12,4,6,12,340,12,10,MNAVG,40.85954000000000,0.00065606550000
C3B3H2S2P1L1M1J1E1A3,BRN,OGAB,12,4,6,12,340,12,10,MNHVY,71.30383000000000,0.00830491400000
C3B3H2S2P1L1M1J1E2A1,BRN,OGAB,12,4,6,12,340,12,40,MEPDG,30.96905000000000,0.00325385000000
C3B3H2S2P1L1M1J1E2A2,BRN,OGAB,12,4,6,12,340,12,40,MNAVG,23.57996000000000,0.00035126660000
C3B3H2S2P1L1M1J1E2A3,BRN,OGAB,12,4,6,12,340,12,40,MNHVY,41.88063000000000,0.00445112400000
C3B3H2S2P1L1M1J2E1A1,BRN,OGAB,12,4,6,12,340,15,10,MEPDG,67.51931000000000,0.01224367000000
C3B3H2S2P1L1M1J2E1A2,BRN,OGAB,12,4,6,12,340,15,10,MNAVG,56.25634000000000,0.00181470200000
C3B3H2S2P1L1M1J2E1A3,BRN,OGAB,12,4,6,12,340,15,10,MNHVY,100.10830000000000,0.02033200000000
C3B3H2S2P1L1M1J2E2A1,BRN,OGAB,12,4,6,12,340,15,40,MEPDG,41.97673000000000,0.00666029000000
C3B3H2S2P1L1M1J2E2A2,BRN,OGAB,12,4,6,12,340,15,40,MNAVG,33.93730000000000,0.00101012300000
C3B3H2S2P1L1M1J2E2A3,BRN,OGAB,12,4,6,12,340,15,40,MNHVY,61.50631000000000,0.01115566000000
C3B3H2S2P1L1M2J1E1A1,BRN,OGAB,12,4,6,12,590,12,10,MEPDG,6.64358500000000,0.01153209000000
C3B3H2S2P1L1M2J1E1A2,BRN,OGAB,12,4,6,12,590,12,10,MNAVG,4.33586500000000,0.00124226000000
C3B3H2S2P1L1M2J1E1A3,BRN,OGAB,12,4,6,12,590,12,10,MNHVY,7.58006900000000,0.01483200000000
C3B3H2S2P1L1M2J1E2A1,BRN,OGAB,12,4,6,12,590,12,40,MEPDG,3.51193500000000,0.00507488800000
C3B3H2S2P1L1M2J1E2A2,BRN,OGAB,12,4,6,12,590,12,40,MNAVG,2.24806700000000,0.00051004750000
C3B3H2S2P1L1M2J1E2A3,BRN,OGAB,12,4,6,12,590,12,40,MNHVY,3.88925500000000,0.00618199700000
C3B3H2S2P1L1M2J2E1A1,BRN,OGAB,12,4,6,12,590,15,10,MEPDG,12.58752000000000,0.02251611000000
C3B3H2S2P1L1M2J2E1A2,BRN,OGAB,12,4,6,12,590,15,10,MNAVG,9.50694800000000,0.00358468600000
C3B3H2S2P1L1M2J2E1A3,BRN,OGAB,12,4,6,12,590,15,10,MNHVY,17.57358000000000,0.03728248000000
C3B3H2S2P1L1M2J2E2A1,BRN,OGAB,12,4,6,12,590,15,40,MEPDG,7.23096000000000,0.01141425000000
C3B3H2S2P1L1M2J2E2A2,BRN,OGAB,12,4,6,12,590,15,40,MNAVG,5.45887700000000,0.00179177400000
C3B3H2S2P1L1M2J2E2A3,BRN,OGAB,12,4,6,12,590,15,40,MNHVY,10.05462000000000,0.01874290000000
C3B3H2S2P1L1M3J1E1A1,BRN,OGAB,12,4,6,12,840,12,10,MEPDG,0.98769240000000,0.00000000000000
C3B3H2S2P1L1M3J1E1A2,BRN,OGAB,12,4,6,12,840,12,10,MNAVG,0.49650250000000,0.00000000000000
C3B3H2S2P1L1M3J1E1A3,BRN,OGAB,12,4,6,12,840,12,10,MNHVY,0.85499190000000,0.00000000000000
C3B3H2S2P1L1M3J1E2A1,BRN,OGAB,12,4,6,12,840,12,40,MEPDG,0.45405550000000,0.00000000000000
C3B3H2S2P1L1M3J1E2A2,BRN,OGAB,12,4,6,12,840,12,40,MNAVG,0.22715020000000,0.00000000000000
C3B3H2S2P1L1M3J1E2A3,BRN,OGAB,12,4,6,12,840,12,40,MNHVY,0.37390250000000,0.00000000000000
C3B3H2S2P1L1M3J2E1A1,BRN,OGAB,12,4,6,12,840,15,10,MEPDG,2.66133500000000,0.00265432600000
```

```
C3B3H2S2P1L1M3J2E1A2,BRN,OGAB,12,4,6,12,840,15,10,MNAVG,1.71238100000000,0.00052717380000
C3B3H2S2P1L1M3J2E1A3,BRN,OGAB,12,4,6,12,840,15,10,MNHVY,3.38590300000000,0.00508490600000
C3B3H2S2P1L1M3J2E2A1,BRN,OGAB,12,4,6,12,840,15,40,MEPDG,1.36774700000000,0.00015887200000
C3B3H2S2P1L1M3J2E2A2,BRN,OGAB,12,4,6,12,840,15,40,MNAVG,0.89669380000000,0.00003121067000
C3B3H2S2P1L1M3J2E2A3,BRN,OGAB,12,4,6,12,840,15,40,MNHVY,1.72061800000000,0.00031148990000
C3B3H2S2P1L2M1J1E1A1,BRN,OGAB,12,4,6,13,340,12,10,MEPDG,7.96989300000000,0.00117830600000
C3B3H2S2P1L2M1J1E1A2,BRN,OGAB,12,4,6,13,340,12,10,MNAVG,5.90427800000000,0.00013125760000
C3B3H2S2P1L2M1J1E1A3,BRN,OGAB,12,4,6,13,340,12,10,MNHVY,10.59311000000000,0.00162685000000
C3B3H2S2P1L2M1J1E2A1,BRN,OGAB,12,4,6,13,340,12,40,MEPDG,7.96989300000000,0.00117830600000
C3B3H2S2P1L2M1J1E2A2,BRN,OGAB,12,4,6,13,340,12,40,MNAVG,5.90427800000000,0.00013125760000
C3B3H2S2P1L2M1J1E2A3,BRN,OGAB,12,4,6,13,340,12,40,MNHVY,10.59311000000000,0.00162685000000
C3B3H2S2P1L2M1J2E1A1,BRN,OGAB,12,4,6,13,340,15,10,MEPDG,11.23229000000000,0.00271439700000
C3B3H2S2P1L2M1J2E1A2,BRN,OGAB,12,4,6,13,340,15,10,MNAVG,8.94556200000000,0.00044107040000
C3B3H2S2P1L2M1J2E1A3,BRN,OGAB,12,4,6,13,340,15,10,MNHVY,16.32001000000000,0.00465850700000
C3B3H2S2P1L2M1J2E2A1,BRN,OGAB,12,4,6,13,340,15,40,MEPDG,11.23229000000000,0.00271439700000
C3B3H2S2P1L2M1J2E2A2,BRN,OGAB,12,4,6,13,340,15,40,MNAVG,8.94556200000000,0.00044107040000
C3B3H2S2P1L2M1J2E2A3,BRN,OGAB,12,4,6,13,340,15,40,MNHVY,16.32001000000000,0.00465850700000
C3B3H2S2P1L2M2J1E1A1,BRN,OGAB,12,4,6,13,590,12,10,MEPDG,0.85931270000000,0.00176981100000
C3B3H2S2P1L2M2J1E1A2,BRN,OGAB,12,4,6,13,590,12,10,MNAVG,0.53672200000000,0.00019008620000
C3B3H2S2P1L2M2J1E1A3,BRN,OGAB,12,4,6,13,590,12,10,MNHVY,0.93864860000000,0.00223025100000
C3B3H2S2P1L2M2J1E2A1,BRN,OGAB,12,4,6,13,590,12,40,MEPDG,0.85931270000000,0.00176981100000
C3B3H2S2P1L2M2J1E2A2,BRN,OGAB,12,4,6,13,590,12,40,MNAVG,0.53672200000000,0.00019008620000
C3B3H2S2P1L2M2J1E2A3,BRN,OGAB,12,4,6,13,590,12,40,MNHVY,0.93864860000000,0.00223025100000
C3B3H2S2P1L2M2J2E1A1,BRN,OGAB,12,4,6,13,590,15,10,MEPDG,1.93268700000000,0.00491118600000
C3B3H2S2P1L2M2J2E1A2,BRN,OGAB,12,4,6,13,590,15,10,MNAVG,1.46012900000000,0.00083146720000
C3B3H2S2P1L2M2J2E1A3,BRN,OGAB,12,4,6,13,590,15,10,MNHVY,2.71004900000000,0.00831168300000
C3B3H2S2P1L2M2J2E2A1,BRN,OGAB,12,4,6,13,590,15,40,MEPDG,1.93268700000000,0.00491118600000
C3B3H2S2P1L2M2J2E2A2,BRN,OGAB,12,4,6,13,590,15,40,MNAVG,1.46012900000000,0.00083146720000
C3B3H2S2P1L2M2J2E2A3,BRN,OGAB,12,4,6,13,590,15,40,MNHVY,2.71004900000000,0.00831168300000
C3B3H2S2P1L2M3J1E1A1,BRN,OGAB,12,4,6,13,840,12,10,MEPDG,0.10424740000000,0.00000709186900
C3B3H2S2P1L2M3J1E1A2,BRN,OGAB,12,4,6,13,840,12,10,MNAVG,0.05087321000000,0.00000106953200
C3B3H2S2P1L2M3J1E1A3,BRN,OGAB,12,4,6,13,840,12,10,MNHVY,0.08418012000000,0.00001213400000
C3B3H2S2P1L2M3J1E2A1,BRN,OGAB,12,4,6,13,840,12,40,MEPDG,0.10424740000000,0.00000709186900
C3B3H2S2P1L2M3J1E2A2,BRN,OGAB,12,4,6,13,840,12,40,MNAVG,0.05087321000000,0.00000106953200
C3B3H2S2P1L2M3J1E2A3,BRN,OGAB,12,4,6,13,840,12,40,MNHVY,0.08418012000000,0.00001213400000
C3B3H2S2P1L2M3J2E1A1,BRN,OGAB,12,4,6,13,840,15,10,MEPDG,0.34963560000000,0.00017700330000
C3B3H2S2P1L2M3J2E1A2,BRN,OGAB,12,4,6,13,840,15,10,MNAVG,0.22931240000000,0.00003472337000
C3B3H2S2P1L2M3J2E1A3,BRN,OGAB,12,4,6,13,840,15,10,MNHVY,0.44441210000000,0.00034456750000
C3B3H2S2P1L2M3J2E2A1,BRN,OGAB,12,4,6,13,840,15,40,MEPDG,0.34963560000000,0.00017700330000
C3B3H2S2P1L2M3J2E2A2,BRN,OGAB,12,4,6,13,840,15,40,MNAVG,0.22931240000000,0.00003472337000
C3B3H2S2P1L2M3J2E2A3,BRN,OGAB,12,4,6,13,840,15,40,MNHVY,0.44441210000000,0.00034456750000
C3B3H2S2P2L1M1J1E1A1,BRN,OGAB,12,4,7,12,340,12,10,MEPDG,29.01708000000000,0.04972887000000
C3B3H2S2P2L1M1J1E1A2,BRN,OGAB,12,4,7,12,340,12,10,MNAVG,21.56849000000000,0.00625942400000
C3B3H2S2P2L1M1J1E1A3,BRN,OGAB,12,4,7,12,340,12,10,MNHVY,39.08883000000000,0.07465575000000
C3B3H2S2P2L1M1J1E2A1,BRN,OGAB,12,4,7,12,340,12,40,MEPDG,16.56877000000000,0.02339890000000
C3B3H2S2P2L1M1J1E2A2,BRN,OGAB,12,4,7,12,340,12,40,MNAVG,12.12499000000000,0.00280347700000
C3B3H2S2P2L1M1J1E2A3,BRN,OGAB,12,4,7,12,340,12,40,MNHVY,21.84049000000000,0.03381214000000
C3B3H2S2P2L1M1J2E1A1,BRN,OGAB,12,4,7,12,340,15,10,MEPDG,50.71915000000000,0.09069124000000
C3B3H2S2P2L1M1J2E1A2,BRN,OGAB,12,4,7,12,340,15,10,MNAVG,41.84311000000000,0.01519415000000
C3B3H2S2P2L1M1J2E1A3,BRN,OGAB,12,4,7,12,340,15,10,MNHVY,78.28637000000000,0.15983500000000
```

```
C3B3H2S2P2L1M1J2E2A1,BRN,OGAB,12,4,7,12,340,15,40,MEPDG,31.16702000000000,0.04871618000000
C3B3H2S2P2L1M1J2E2A2,BRN,OGAB,12,4,7,12,340,15,40,MNAVG,25.69241000000000,0.00801009100000
C3B3H2S2P2L1M1J2E2A3,BRN,OGAB,12,4,7,12,340,15,40,MNHVY,47.93650000000000,0.08501725000000
C3B3H2S2P2L1M2J1E1A1,BRN,OGAB,12,4,7,12,590,12,10,MEPDG,2.01829600000000,0.01745824000000
C3B3H2S2P2L1M2J1E1A2,BRN,OGAB,12,4,7,12,590,12,10,MNAVG,1.05024500000000,0.00205430800000
C3B3H2S2P2L1M2J1E1A3,BRN,OGAB,12,4,7,12,590,12,10,MNHVY,1.90132700000000,0.02422117000000
C3B3H2S2P2L1M2J1E2A1,BRN,OGAB,12,4,7,12,590,12,40,MEPDG,0.94883290000000,0.00862835700000
C3B3H2S2P2L1M2J1E2A2,BRN,OGAB,12,4,7,12,590,12,40,MNAVG,0.49631140000000,0.00093634930000
C3B3H2S2P2L1M2J1E2A3,BRN,OGAB,12,4,7,12,590,12,40,MNHVY,0.85296400000000,0.01121492000000
C3B3H2S2P2L1M2J2E1A1,BRN,OGAB,12,4,7,12,590,15,10,MEPDG,5.90103300000000,0.04857245000000
C3B3H2S2P2L1M2J2E1A2,BRN,OGAB,12,4,7,12,590,15,10,MNAVG,3.89247200000000,0.00862127700000
C3B3H2S2P2L1M2J2E1A3,BRN,OGAB,12,4,7,12,590,15,10,MNHVY,7.93765300000000,0.08629621000000
C3B3H2S2P2L1M2J2E2A1,BRN,OGAB,12,4,7,12,590,15,40,MEPDG,3.13068400000000,0.02376265000000
C3B3H2S2P2L1M2J2E2A2,BRN,OGAB,12,4,7,12,590,15,40,MNAVG,2.12471500000000,0.00409846800000
C3B3H2S2P2L1M2J2E2A3,BRN,OGAB,12,4,7,12,590,15,40,MNHVY,4.17719700000000,0.04146183000000
C3B3H2S2P2L1M3J1E1A1,BRN,OGAB,12,4,7,12,840,12,10,MEPDG,0.20657620000000,0.00087335390000
C3B3H2S2P2L1M3J1E1A2,BRN,OGAB,12,4,7,12,840,12,10,MNAVG,0.07554105000000,0.00010858160000
C3B3H2S2P2L1M3J1E1A3,BRN,OGAB,12,4,7,12,840,12,10,MNHVY,0.13271690000000,0.00128454200000
C3B3H2S2P2L1M3J1E2A1,BRN,OGAB,12,4,7,12,840,12,40,MEPDG,0.08193274000000,0.00022263720000
C3B3H2S2P2L1M3J1E2A2,BRN,OGAB,12,4,7,12,840,12,40,MNAVG,0.03093824000000,0.00002718854000
C3B3H2S2P2L1M3J1E2A3,BRN,OGAB,12,4,7,12,840,12,40,MNHVY,0.04941668000000,0.00032345820000
C3B3H2S2P2L1M3J2E1A1,BRN,OGAB,12,4,7,12,840,15,10,MEPDG,0.94427240000000,0.01088831000000
C3B3H2S2P2L1M3J2E1A2,BRN,OGAB,12,4,7,12,840,15,10,MNAVG,0.47889570000000,0.00179488500000
C3B3H2S2P2L1M3J2E1A3,BRN,OGAB,12,4,7,12,840,15,10,MNHVY,1.09364700000000,0.01876817000000
C3B3H2S2P2L1M3J2E2A1,BRN,OGAB,12,4,7,12,840,15,40,MEPDG,0.42904520000000,0.00497288400000
C3B3H2S2P2L1M3J2E2A2,BRN,OGAB,12,4,7,12,840,15,40,MNAVG,0.22841040000000,0.00077805450000
C3B3H2S2P2L1M3J2E2A3,BRN,OGAB,12,4,7,12,840,15,40,MNHVY,0.48390750000000,0.00825516100000
C3B3H2S2P2L2M1J1E1A1,BRN,OGAB,12,4,7,13,340,12,10,MEPDG,4.27537000000000,0.00881428500000
C3B3H2S2P2L2M1J1E1A2,BRN,OGAB,12,4,7,13,340,12,10,MNAVG,3.07357000000000,0.00111133000000
C3B3H2S2P2L2M1J1E1A3,BRN,OGAB,12,4,7,13,340,12,10,MNHVY,5.56584900000000,0.01296848000000
C3B3H2S2P2L2M1J1E2A1,BRN,OGAB,12,4,7,13,340,12,40,MEPDG,4.27537000000000,0.00881428500000
C3B3H2S2P2L2M1J1E2A2,BRN,OGAB,12,4,7,13,340,12,40,MNAVG,3.07357000000000,0.00111133000000
C3B3H2S2P2L2M1J1E2A3,BRN,OGAB,12,4,7,13,340,12,40,MNHVY,5.56584900000000,0.01296848000000
C3B3H2S2P2L2M1J2E1A1,BRN,OGAB,12,4,7,13,340,15,10,MEPDG,8.78629400000000,0.02181556000000
C3B3H2S2P2L2M1J2E1A2,BRN,OGAB,12,4,7,13,340,15,10,MNAVG,7.26584600000000,0.00381890700000
C3B3H2S2P2L2M1J2E1A3,BRN,OGAB,12,4,7,13,340,15,10,MNHVY,13.56388000000000,0.03876828000000
C3B3H2S2P2L2M1J2E2A1,BRN,OGAB,12,4,7,13,340,15,40,MEPDG,8.78629400000000,0.02181556000000
C3B3H2S2P2L2M1J2E2A2,BRN,OGAB,12,4,7,13,340,15,40,MNAVG,7.26584600000000,0.00381890700000
C3B3H2S2P2L2M1J2E2A3,BRN,OGAB,12,4,7,13,340,15,40,MNHVY,13.56388000000000,0.03876828000000
C3B3H2S2P2L2M2J1E1A1,BRN,OGAB,12,4,7,13,590,12,10,MEPDG,0.22239090000000,0.00319751700000
C3B3H2S2P2L2M2J1E1A2,BRN,OGAB,12,4,7,13,590,12,10,MNAVG,0.11402390000000,0.00036401050000
C3B3H2S2P2L2M2J1E1A3,BRN,OGAB,12,4,7,13,590,12,10,MNHVY,0.19614710000000,0.00426745800000
C3B3H2S2P2L2M2J1E2A1,BRN,OGAB,12,4,7,13,590,12,40,MEPDG,0.22239090000000,0.00319751700000
C3B3H2S2P2L2M2J1E2A2,BRN,OGAB,12,4,7,13,590,12,40,MNAVG,0.11402390000000,0.00036401050000
C3B3H2S2P2L2M2J1E2A3,BRN,OGAB,12,4,7,13,590,12,40,MNHVY,0.19614710000000,0.00426745800000
C3B3H2S2P2L2M2J2E1A1,BRN,OGAB,12,4,7,13,590,15,10,MEPDG,0.82922270000000,0.01061788000000
C3B3H2S2P2L2M2J2E1A2,BRN,OGAB,12,4,7,13,590,15,10,MNAVG,0.56591050000000,0.00193055000000
C3B3H2S2P2L2M2J2E1A3,BRN,OGAB,12,4,7,13,590,15,10,MNHVY,1.11547100000000,0.01887866000000
C3B3H2S2P2L2M2J2E2A1,BRN,OGAB,12,4,7,13,590,15,40,MEPDG,0.82922270000000,0.01061788000000
C3B3H2S2P2L2M2J2E2A2,BRN,OGAB,12,4,7,13,590,15,40,MNAVG,0.56591050000000,0.00193055000000
```

```
C3B3H2S2P2L2M2J2E2A3,BRN,OGAB,12,4,7,13,590,15,40,MNHVY,1.11547100000000,0.01887866000000
C3B3H2S2P2L2M3J1E1A1,BRN,OGAB,12,4,7,13,840,12,10,MEPDG,0.01735663000000,0.00023730790000
C3B3H2S2P2L2M3J1E1A2,BRN,OGAB,12,4,7,13,840,12,10,MNAVG,0.00645848200000,0.00002483439000
C3B3H2S2P2L2M3J1E1A3,BRN,OGAB,12,4,7,13,840,12,10,MNHVY,0.01000068000000,0.00029861190000
C3B3H2S2P2L2M3J1E2A1,BRN,OGAB,12,4,7,13,840,12,40,MEPDG,0.01735663000000,0.00023730790000
C3B3H2S2P2L2M3J1E2A2,BRN,OGAB,12,4,7,13,840,12,40,MNAVG,0.00645848200000,0.00002483439000
C3B3H2S2P2L2M3J1E2A3,BRN,OGAB,12,4,7,13,840,12,40,MNHVY,0.01000068000000,0.00029861190000
C3B3H2S2P2L2M3J2E1A1,BRN,OGAB,12,4,7,13,840,15,10,MEPDG,0.10594720000000,0.00211431400000
C3B3H2S2P2L2M3J2E1A2,BRN,OGAB,12,4,7,13,840,15,10,MNAVG,0.05645997000000,0.00034312040000
C3B3H2S2P2L2M3J2E1A3,BRN,OGAB,12,4,7,13,840,15,10,MNHVY,0.12000860000000,0.00359025400000
C3B3H2S2P2L2M3J2E2A1,BRN,OGAB,12,4,7,13,840,15,40,MEPDG,0.10594720000000,0.00211431400000
C3B3H2S2P2L2M3J2E2A2,BRN,OGAB,12,4,7,13,840,15,40,MNAVG,0.05645997000000,0.00034312040000
C3B3H2S2P2L2M3J2E2A3,BRN,OGAB,12,4,7,13,840,15,40,MNHVY,0.12000860000000,0.00359025400000
C3B3H2S2P3L1M1J1E1A1,BRN,OGAB,12,4,8,12,340,12,10,MEPDG,11.40656000000000,0.12083810000000
C3B3H2S2P3L1M1J1E1A2,BRN,OGAB,12,4,8,12,340,12,10,MNAVG,7.15582600000000,0.01676478000000
C3B3H2S2P3L1M1J1E1A3,BRN,OGAB,12,4,8,12,340,12,10,MNHVY,13.26696000000000,0.19437560000000
C3B3H2S2P3L1M1J1E2A1,BRN,OGAB,12,4,8,12,340,12,40,MEPDG,5.95800800000000,0.06085647000000
C3B3H2S2P3L1M1J1E2A2,BRN,OGAB,12,4,8,12,340,12,40,MNAVG,3.74846500000000,0.00802733200000
C3B3H2S2P3L1M1J1E2A3,BRN,OGAB,12,4,8,12,340,12,40,MNHVY,6.70274700000000,0.09414148000000
C3B3H2S2P3L1M1J2E1A1,BRN,OGAB,12,4,8,12,340,15,10,MEPDG,26.77068000000000,0.21582700000000
C3B3H2S2P3L1M1J2E1A2,BRN,OGAB,12,4,8,12,340,15,10,MNAVG,19.95248000000000,0.03890729000000
C3B3H2S2P3L1M1J2E1A3,BRN,OGAB,12,4,8,12,340,15,10,MNHVY,39.41538000000000,0.39760670000000
C3B3H2S2P3L1M1J2E2A1,BRN,OGAB,12,4,8,12,340,15,40,MEPDG,15.50304000000000,0.11992640000000
C3B3H2S2P3L1M1J2E2A2,BRN,OGAB,12,4,8,12,340,15,40,MNAVG,11.79961000000000,0.02146409000000
C3B3H2S2P3L1M1J2E2A3,BRN,OGAB,12,4,8,12,340,15,40,MNHVY,22.71675000000000,0.21881930000000
C3B3H2S2P3L1M2J1E1A1,BRN,OGAB,12,4,8,12,590,12,10,MEPDG,0.47164510000000,0.01227841000000
C3B3H2S2P3L1M2J1E1A2,BRN,OGAB,12,4,8,12,590,12,10,MNAVG,0.18142580000000,0.00153726700000
C3B3H2S2P3L1M2J1E1A3,BRN,OGAB,12,4,8,12,590,12,10,MNHVY,0.32450070000000,0.01818823000000
C3B3H2S2P3L1M2J1E2A1,BRN,OGAB,12,4,8,12,590,12,40,MEPDG,0.19417850000000,0.00639054800000
C3B3H2S2P3L1M2J1E2A2,BRN,OGAB,12,4,8,12,590,12,40,MNAVG,0.07713954000000,0.00072564830000
C3B3H2S2P3L1M2J1E2A3,BRN,OGAB,12,4,8,12,590,12,40,MNHVY,0.12568950000000,0.00875015500000
C3B3H2S2P3L1M2J2E1A1,BRN,OGAB,12,4,8,12,590,15,10,MEPDG,2.10177800000000,0.05325622000000
C3B3H2S2P3L1M2J2E1A2,BRN,OGAB,12,4,8,12,590,15,10,MNAVG,1.11419000000000,0.00972035200000
C3B3H2S2P3L1M2J2E1A3,BRN,OGAB,12,4,8,12,590,15,10,MNHVY,2.49858300000000,0.09793418000000
C3B3H2S2P3L1M2J2E2A1,BRN,OGAB,12,4,8,12,590,15,40,MEPDG,0.99723430000000,0.02718377000000
C3B3H2S2P3L1M2J2E2A2,BRN,OGAB,12,4,8,12,590,15,40,MNAVG,0.55635430000000,0.00481624700000
C3B3H2S2P3L1M2J2E2A3,BRN,OGAB,12,4,8,12,590,15,40,MNHVY,1.16070800000000,0.04894989000000
C3B3H2S2P3L1M3J1E1A1,BRN,OGAB,12,4,8,12,840,12,10,MEPDG,0.03131094000000,0.00090724880000
C3B3H2S2P3L1M3J1E1A2,BRN,OGAB,12,4,8,12,840,12,10,MNAVG,0.00832866400000,0.00009417909000
C3B3H2S2P3L1M3J1E1A3,BRN,OGAB,12,4,8,12,840,12,10,MNHVY,0.01319697000000,0.00116218700000
C3B3H2S2P3L1M3J1E2A1,BRN,OGAB,12,4,8,12,840,12,40,MEPDG,0.01041580000000,0.00000000000040
C3B3H2S2P3L1M3J1E2A2,BRN,OGAB,12,4,8,12,840,12,40,MNAVG,0.00302205800000,0.00000000000003
C3B3H2S2P3L1M3J1E2A3,BRN,OGAB,12,4,8,12,840,12,40,MNHVY,0.00413497800000,0.00000000000037
C3B3H2S2P3L1M3J2E1A1,BRN,OGAB,12,4,8,12,840,15,10,MEPDG,0.22726060000000,0.00659277100000
C3B3H2S2P3L1M3J2E1A2,BRN,OGAB,12,4,8,12,840,15,10,MNAVG,0.08291582000000,0.00108456700000
C3B3H2S2P3L1M3J2E1A3,BRN,OGAB,12,4,8,12,840,15,10,MNHVY,0.20877970000000,0.01177786000000
C3B3H2S2P3L1M3J2E2A1,BRN,OGAB,12,4,8,12,840,15,40,MEPDG,0.09008176000000,0.00304820100000
C3B3H2S2P3L1M3J2E2A2,BRN,OGAB,12,4,8,12,840,15,40,MNAVG,0.03552898000000,0.00047678520000
C3B3H2S2P3L1M3J2E2A3,BRN,OGAB,12,4,8,12,840,15,40,MNHVY,0.07966214000000,0.00523121500000
C3B3H2S2P3L2M1J1E1A1,BRN,OGAB,12,4,8,13,340,12,10,MEPDG,1.48047700000000,0.02430158000000
```

```
C3B3H2S2P3L2M1J1E1A2,BRN,OGAB,12,4,8,13,340,12,10,MNAVG,0.91519710000000,0.00333984000000
C3B3H2S2P3L2M1J1E1A3,BRN,OGAB,12,4,8,13,340,12,10,MNHVY,1.63511900000000,0.03819203000000
C3B3H2S2P3L2M1J1E2A1,BRN,OGAB,12,4,8,13,340,12,40,MEPDG,1.48047700000000,0.02430158000000
C3B3H2S2P3L2M1J1E2A2,BRN,OGAB,12,4,8,13,340,12,40,MNAVG,0.91519710000000,0.00333984000000
C3B3H2S2P3L2M1J1E2A3,BRN,OGAB,12,4,8,13,340,12,40,MNHVY,1.63511900000000,0.03819203000000
C3B3H2S2P3L2M1J2E1A1,BRN,OGAB,12,4,8,13,340,15,10,MEPDG,4.35477800000000,0.05775195000000
C3B3H2S2P3L2M1J2E1A2,BRN,OGAB,12,4,8,13,340,15,10,MNAVG,3.34852100000000,0.01091225000000
C3B3H2S2P3L2M1J2E1A3,BRN,OGAB,12,4,8,13,340,15,10,MNHVY,6.42513300000000,0.10680810000000
C3B3H2S2P3L2M1J2E2A1,BRN,OGAB,12,4,8,13,340,15,40,MEPDG,4.35477800000000,0.05775195000000
C3B3H2S2P3L2M1J2E2A2,BRN,OGAB,12,4,8,13,340,15,40,MNAVG,3.34852100000000,0.01091225000000
C3B3H2S2P3L2M1J2E2A3,BRN,OGAB,12,4,8,13,340,15,40,MNHVY,6.42513300000000,0.10680810000000
C3B3H2S2P3L2M2J1E1A1,BRN,OGAB,12,4,8,13,590,12,10,MEPDG,0.04283852000000,0.00246106400000
C3B3H2S2P3L2M2J1E1A2,BRN,OGAB,12,4,8,13,590,12,10,MNAVG,0.01681968000000,0.00028532320000
C3B3H2S2P3L2M2J1E1A3,BRN,OGAB,12,4,8,13,590,12,10,MNHVY,0.02702007000000,0.00340099400000
C3B3H2S2P3L2M2J1E2A1,BRN,OGAB,12,4,8,13,590,12,40,MEPDG,0.04283852000000,0.00246106400000
C3B3H2S2P3L2M2J1E2A2,BRN,OGAB,12,4,8,13,590,12,40,MNAVG,0.01681968000000,0.00028532320000
C3B3H2S2P3L2M2J1E2A3,BRN,OGAB,12,4,8,13,590,12,40,MNHVY,0.02702007000000,0.00340099400000
C3B3H2S2P3L2M2J2E1A1,BRN,OGAB,12,4,8,13,590,15,10,MEPDG,0.25304180000000,0.01284991000000
C3B3H2S2P3L2M2J2E1A2,BRN,OGAB,12,4,8,13,590,15,10,MNAVG,0.14200370000000,0.00237661100000
C3B3H2S2P3L2M2J2E1A3,BRN,OGAB,12,4,8,13,590,15,10,MNHVY,0.29522580000000,0.02354025000000
C3B3H2S2P3L2M2J2E2A1,BRN,OGAB,12,4,8,13,590,15,40,MEPDG,0.25304180000000,0.01284991000000
C3B3H2S2P3L2M2J2E2A2,BRN,OGAB,12,4,8,13,590,15,40,MNAVG,0.14200370000000,0.00237661100000
C3B3H2S2P3L2M2J2E2A3,BRN,OGAB,12,4,8,13,590,15,40,MNHVY,0.29522580000000,0.02354025000000
C3B3H2S2P3L2M3J1E1A1,BRN,OGAB,12,4,8,13,840,12,10,MEPDG,0.00208051900000,0.00006717011000
C3B3H2S2P3L2M3J1E1A2,BRN,OGAB,12,4,8,13,840,12,10,MNAVG,0.00060875670000,0.00000830388400
C3B3H2S2P3L2M3J1E1A3,BRN,OGAB,12,4,8,13,840,12,10,MNHVY,0.00080522500000,0.00009943192000
C3B3H2S2P3L2M3J1E2A1,BRN,OGAB,12,4,8,13,840,12,40,MEPDG,0.00208051900000,0.00006717011000
C3B3H2S2P3L2M3J1E2A2,BRN,OGAB,12,4,8,13,840,12,40,MNAVG,0.00060875670000,0.00000830388400
C3B3H2S2P3L2M3J1E2A3,BRN,OGAB,12,4,8,13,840,12,40,MNHVY,0.00080522500000,0.00009943192000
C3B3H2S2P3L2M3J2E1A1,BRN,OGAB,12,4,8,13,840,15,10,MEPDG,0.02090076000000,0.00134037400000
C3B3H2S2P3L2M3J2E1A2,BRN,OGAB,12,4,8,13,840,15,10,MNAVG,0.00827422600000,0.00021695180000
C3B3H2S2P3L2M3J2E1A3,BRN,OGAB,12,4,8,13,840,15,10,MNHVY,0.01842048000000,0.00234328600000
C3B3H2S2P3L2M3J2E2A1,BRN,OGAB,12,4,8,13,840,15,40,MEPDG,0.02090076000000,0.00134037400000
C3B3H2S2P3L2M3J2E2A2,BRN,OGAB,12,4,8,13,840,15,40,MNAVG,0.00827422600000,0.00021695180000
C3B3H2S2P3L2M3J2E2A3,BRN,OGAB,12,4,8,13,840,15,40,MNHVY,0.01842048000000,0.00234328600000
C3B3H2S2P4L1M1J1E1A1,BRN,OGAB,12,4,9,12,340,12,10,MEPDG,3.63935000000000,0.12349990000000
C3B3H2S2P4L1M1J1E1A2,BRN,OGAB,12,4,9,12,340,12,10,MNAVG,1.81442600000000,0.01768819000000
C3B3H2S2P4L1M1J1E1A3,BRN,OGAB,12,4,9,12,340,12,10,MNHVY,3.34613900000000,0.20603120000000
C3B3H2S2P4L1M1J1E2A1,BRN,OGAB,12,4,9,12,340,12,40,MEPDG,1.71237000000000,0.06866153000000
C3B3H2S2P4L1M1J1E2A2,BRN,OGAB,12,4,9,12,340,12,40,MNAVG,0.86867550000000,0.00939874000000
C3B3H2S2P4L1M1J1E2A3,BRN,OGAB,12,4,9,12,340,12,40,MNHVY,1.49521700000000,0.10993800000000
C3B3H2S2P4L1M1J2E1A1,BRN,OGAB,12,4,9,12,340,15,10,MEPDG,11.13804000000000,0.32341830000000
C3B3H2S2P4L1M1J2E1A2,BRN,OGAB,12,4,9,12,340,15,10,MNAVG,7.14799600000000,0.05994835000000
C3B3H2S2P4L1M1J2E1A3,BRN,OGAB,12,4,9,12,340,15,10,MNHVY,14.79715000000000,0.61158970000000
C3B3H2S2P4L1M1J2E2A1,BRN,OGAB,12,4,9,12,340,15,40,MEPDG,5.96288600000000,0.18683450000000
C3B3H2S2P4L1M1J2E2A2,BRN,OGAB,12,4,9,12,340,15,40,MNAVG,3.98187500000000,0.03462657000000
C3B3H2S2P4L1M1J2E2A3,BRN,OGAB,12,4,9,12,340,15,40,MNHVY,7.85162300000000,0.35008070000000
C3B3H2S2P4L1M2J1E1A1,BRN,OGAB,12,4,9,12,590,12,10,MEPDG,0.08704589000000,0.00702242500000
C3B3H2S2P4L1M2J1E1A2,BRN,OGAB,12,4,9,12,590,12,10,MNAVG,0.02459505000000,0.00088275530000
C3B3H2S2P4L1M2J1E1A3,BRN,OGAB,12,4,9,12,590,12,10,MNHVY,0.03968789000000,0.01069331000000
```

```
C3B3H2S2P4L1M2J1E2A1,BRN,OGAB,12,4,9,12,590,12,40,MEPDG,0.03116028000000,0.00361233200000
C3B3H2S2P4L1M2J1E2A2,BRN,OGAB,12,4,9,12,590,12,40,MNAVG,0.00950862600000,0.00042090590000
C3B3H2S2P4L1M2J1E2A3,BRN,OGAB,12,4,9,12,590,12,40,MNHVY,0.01355849000000,0.00515043000000
C3B3H2S2P4L1M2J2E1A1,BRN,OGAB,12,4,9,12,590,15,10,MEPDG,0.52096650000000,0.03864352000000
C3B3H2S2P4L1M2J2E1A2,BRN,OGAB,12,4,9,12,590,15,10,MNAVG,0.20821350000000,0.00689231600000
C3B3H2S2P4L1M2J2E1A3,BRN,OGAB,12,4,9,12,590,15,10,MNHVY,0.48372830000000,0.07248180000000
C3B3H2S2P4L1M2J2E2A1,BRN,OGAB,12,4,9,12,590,15,40,MEPDG,0.21847180000000,0.02007213000000
C3B3H2S2P4L1M2J2E2A2,BRN,OGAB,12,4,9,12,590,15,40,MNAVG,0.09393773000000,0.00349798300000
C3B3H2S2P4L1M2J2E2A3,BRN,OGAB,12,4,9,12,590,15,40,MNHVY,0.19619820000000,0.03675664000000
C3B3H2S2P4L1M3J1E1A1,BRN,OGAB,12,4,9,12,840,12,10,MEPDG,0.00376254400000,0.00022592690000
C3B3H2S2P4L1M3J1E1A2,BRN,OGAB,12,4,9,12,840,12,10,MNAVG,0.00082144590000,0.00002548648000
C3B3H2S2P4L1M3J1E1A3,BRN,OGAB,12,4,9,12,840,12,10,MNHVY,0.00100679900000,0.00031994020000
C3B3H2S2P4L1M3J1E2A1,BRN,OGAB,12,4,9,12,840,12,40,MEPDG,0.00105603400000,0.00009322483000
C3B3H2S2P4L1M3J1E2A2,BRN,OGAB,12,4,9,12,840,12,40,MNAVG,0.00026964670000,0.00001035488000
C3B3H2S2P4L1M3J1E2A3,BRN,OGAB,12,4,9,12,840,12,40,MNHVY,0.00028459680000,0.00013013890000
C3B3H2S2P4L1M3J2E1A1,BRN,OGAB,12,4,9,12,840,15,10,MEPDG,0.03631777000000,0.00326889100000
C3B3H2S2P4L1M3J2E1A2,BRN,OGAB,12,4,9,12,840,15,10,MNAVG,0.00939026400000,0.00051335700000
C3B3H2S2P4L1M3J2E1A3,BRN,OGAB,12,4,9,12,840,15,10,MNHVY,0.02309337000000,0.00585006300000
C3B3H2S2P4L1M3J2E2A1,BRN,OGAB,12,4,9,12,840,15,40,MEPDG,0.01242923000000,0.00158741300000
C3B3H2S2P4L1M3J2E2A2,BRN,OGAB,12,4,9,12,840,15,40,MNAVG,0.00359849400000,0.00023874580000
C3B3H2S2P4L1M3J2E2A3,BRN,OGAB,12,4,9,12,840,15,40,MNHVY,0.00756132000000,0.00274361200000
C3B3H2S2P4L2M1J1E1A1,BRN,OGAB,12,4,9,13,340,12,10,MEPDG,0.40416080000000,0.02967424000000
C3B3H2S2P4L2M1J1E1A2,BRN,OGAB,12,4,9,13,340,12,10,MNAVG,0.20189040000000,0.00423060800000
C3B3H2S2P4L2M1J1E1A3,BRN,OGAB,12,4,9,13,340,12,10,MNHVY,0.34403170000000,0.04834143000000
C3B3H2S2P4L2M1J1E2A1,BRN,OGAB,12,4,9,13,340,12,40,MEPDG,0.40416080000000,0.02967424000000
C3B3H2S2P4L2M1J1E2A2,BRN,OGAB,12,4,9,13,340,12,40,MNAVG,0.20189040000000,0.00423060800000
C3B3H2S2P4L2M1J1E2A3,BRN,OGAB,12,4,9,13,340,12,40,MNHVY,0.34403170000000,0.04834143000000
C3B3H2S2P4L2M1J2E1A1,BRN,OGAB,12,4,9,13,340,15,10,MEPDG,1.60132900000000,0.08978096000000
C3B3H2S2P4L2M1J2E1A2,BRN,OGAB,12,4,9,13,340,15,10,MNAVG,1.07862500000000,0.01712913000000
C3B3H2S2P4L2M1J2E1A3,BRN,OGAB,12,4,9,13,340,15,10,MNHVY,2.11168100000000,0.16935040000000
C3B3H2S2P4L2M1J2E2A1,BRN,OGAB,12,4,9,13,340,15,40,MEPDG,1.60132900000000,0.08978096000000
C3B3H2S2P4L2M1J2E2A2,BRN,OGAB,12,4,9,13,340,15,40,MNAVG,1.07862500000000,0.01712913000000
C3B3H2S2P4L2M1J2E2A3,BRN,OGAB,12,4,9,13,340,15,40,MNHVY,2.11168100000000,0.16935040000000
C3B3H2S2P4L2M2J1E1A1,BRN,OGAB,12,4,9,13,590,12,10,MEPDG,0.00642122200000,0.00147694400000
C3B3H2S2P4L2M2J1E1A2,BRN,OGAB,12,4,9,13,590,12,10,MNAVG,0.00197040500000,0.00017847780000
C3B3H2S2P4L2M2J1E1A3,BRN,OGAB,12,4,9,13,590,12,10,MNHVY,0.00272997000000,0.00214745300000
C3B3H2S2P4L2M2J1E2A1,BRN,OGAB,12,4,9,13,590,12,40,MEPDG,0.00642122200000,0.00147694400000
C3B3H2S2P4L2M2J1E2A2,BRN,OGAB,12,4,9,13,590,12,40,MNAVG,0.00197040500000,0.00017847780000
C3B3H2S2P4L2M2J1E2A3,BRN,OGAB,12,4,9,13,590,12,40,MNHVY,0.00272997000000,0.00214745300000
C3B3H2S2P4L2M2J2E1A1,BRN,OGAB,12,4,9,13,590,15,10,MEPDG,0.05188466000000,0.00953002500000
C3B3H2S2P4L2M2J2E1A2,BRN,OGAB,12,4,9,13,590,15,10,MNAVG,0.02249545000000,0.00171355200000
C3B3H2S2P4L2M2J2E1A3,BRN,OGAB,12,4,9,13,590,15,10,MNHVY,0.04638596000000,0.01768731000000
C3B3H2S2P4L2M2J2E2A1,BRN,OGAB,12,4,9,13,590,15,40,MEPDG,0.05188466000000,0.00953002500000
C3B3H2S2P4L2M2J2E2A2,BRN,OGAB,12,4,9,13,590,15,40,MNAVG,0.02249545000000,0.00171355200000
C3B3H2S2P4L2M2J2E2A3,BRN,OGAB,12,4,9,13,590,15,40,MNHVY,0.04638596000000,0.01768731000000
C3B3H2S2P4L2M3J1E1A1,BRN,OGAB,12,4,9,13,840,12,10,MEPDG,0.00019505210000,0.00000067249600
C3B3H2S2P4L2M3J1E1A2,BRN,OGAB,12,4,9,13,840,12,10,MNAVG,0.00005154362000,0.00000008837807
C3B3H2S2P4L2M3J1E1A3,BRN,OGAB,12,4,9,13,840,12,10,MNHVY,0.00005226170000,0.00000107750700
C3B3H2S2P4L2M3J1E2A1,BRN,OGAB,12,4,9,13,840,12,40,MEPDG,0.00019505210000,0.00000067249600
C3B3H2S2P4L2M3J1E2A2,BRN,OGAB,12,4,9,13,840,12,40,MNAVG,0.00005154362000,0.00000008837807
```

```
C3B3H2S2P4L2M3J1E2A3,BRN,OGAB,12,4,9,13,840,12,40,MNHVY,0.00005226170000,0.00000107750700
C3B3H2S2P4L2M3J2E1A1,BRN,OGAB,12,4,9,13,840,15,10,MEPDG,0.00271978800000,0.00070626870000
C3B3H2S2P4L2M3J2E1A2,BRN,OGAB,12,4,9,13,840,15,10,MNAVG,0.00079712670000,0.00011044030000
C3B3H2S2P4L2M3J2E1A3,BRN,OGAB,12,4,9,13,840,15,10,MNHVY,0.00167398500000,0.00124390600000
C3B3H2S2P4L2M3J2E2A1,BRN,OGAB,12,4,9,13,840,15,40,MEPDG,0.00271978800000,0.00070626870000
C3B3H2S2P4L2M3J2E2A2,BRN,OGAB,12,4,9,13,840,15,40,MNAVG,0.00079712670000,0.00011044030000
C3B3H2S2P4L2M3J2E2A3,BRN,OGAB,12,4,9,13,840,15,40,MNHVY,0.00167398500000,0.00124390600000
C3B3H2S2P5L1M1J1E1A1,BRN,OGAB,12,4,10,12,340,12,10,MEPDG,1.06967300000000,0.09783446000000
C3B3H2S2P5L1M1J1E1A2,BRN,OGAB,12,4,10,12,340,12,10,MNAVG,0.40982520000000,0.01399729000000
C3B3H2S2P5L1M1J1E1A3,BRN,OGAB,12,4,10,12,340,12,10,MNHVY,0.73249960000000,0.16664310000000
C3B3H2S2P5L1M1J1E2A1,BRN,OGAB,12,4,10,12,340,12,40,MEPDG,0.45336220000000,0.05393407000000
C3B3H2S2P5L1M1J1E2A2,BRN,OGAB,12,4,10,12,340,12,40,MNAVG,0.18064940000000,0.00738971900000
C3B3H2S2P5L1M1J1E2A3,BRN,OGAB,12,4,10,12,340,12,40,MNHVY,0.29202690000000,0.08833916000000
C3B3H2S2P5L1M1J2E1A1,BRN,OGAB,12,4,10,12,340,15,10,MEPDG,4.23402900000000,0.32313480000000
C3B3H2S2P5L1M1J2E1A2,BRN,OGAB,12,4,10,12,340,15,10,MNAVG,2.26153300000000,0.05912142000000
C3B3H2S2P5L1M1J2E1A3,BRN,OGAB,12,4,10,12,340,15,10,MNHVY,4.89021600000000,0.61711730000000
C3B3H2S2P5L1M1J2E2A1,BRN,OGAB,12,4,10,12,340,15,40,MEPDG,2.08672000000000,0.18595190000000
C3B3H2S2P5L1M1J2E2A2,BRN,OGAB,12,4,10,12,340,15,40,MNAVG,1.18243700000000,0.03366614000000
C3B3H2S2P5L1M1J2E2A3,BRN,OGAB,12,4,10,12,340,15,40,MNHVY,2.37897000000000,0.35029060000000
C3B3H2S2P5L1M2J1E1A1,BRN,OGAB,12,4,10,12,590,12,10,MEPDG,0.01540348000000,0.00308849000000
C3B3H2S2P5L1M2J1E1A2,BRN,OGAB,12,4,10,12,590,12,10,MNAVG,0.00346898500000,0.00036163330000
C3B3H2S2P5L1M2J1E1A3,BRN,OGAB,12,4,10,12,590,12,10,MNHVY,0.00477498200000,0.00455693000000
C3B3H2S2P5L1M2J1E2A1,BRN,OGAB,12,4,10,12,590,12,40,MEPDG,0.00490743200000,0.00172949000000
C3B3H2S2P5L1M2J1E2A2,BRN,OGAB,12,4,10,12,590,12,40,MNAVG,0.00126171300000,0.00019287110000
C3B3H2S2P5L1M2J1E2A3,BRN,OGAB,12,4,10,12,590,12,40,MNHVY,0.00156080500000,0.00244220500000
C3B3H2S2P5L1M2J2E1A1,BRN,OGAB,12,4,10,12,590,15,10,MEPDG,0.11360080000000,0.02293537000000
C3B3H2S2P5L1M2J2E1A2,BRN,OGAB,12,4,10,12,590,15,10,MNAVG,0.03350189000000,0.00383289900000
C3B3H2S2P5L1M2J2E1A3,BRN,OGAB,12,4,10,12,590,15,10,MNHVY,0.07682180000000,0.04283104000000
C3B3H2S2P5L1M2J2E2A1,BRN,OGAB,12,4,10,12,590,15,40,MEPDG,0.04224414000000,0.01212559000000
C3B3H2S2P5L1M2J2E2A2,BRN,OGAB,12,4,10,12,590,15,40,MNAVG,0.01380521000000,0.00197889700000
C3B3H2S2P5L1M2J2E2A3,BRN,OGAB,12,4,10,12,590,15,40,MNHVY,0.02757586000000,0.02214081000000
C3B3H2S2P5L1M3J1E1A1,BRN,OGAB,12,4,10,12,840,12,10,MEPDG,0.00052771010000,0.00004758794000
C3B3H2S2P5L1M3J1E1A2,BRN,OGAB,12,4,10,12,840,12,10,MNAVG,0.00009963853000,0.00000518264500
C3B3H2S2P5L1M3J1E1A3,BRN,OGAB,12,4,10,12,840,12,10,MNHVY,0.00010858540000,0.00006883347000
C3B3H2S2P5L1M3J1E2A1,BRN,OGAB,12,4,10,12,840,12,40,MEPDG,0.00014783420000,0.00000679106800
C3B3H2S2P5L1M3J1E2A2,BRN,OGAB,12,4,10,12,840,12,40,MNAVG,0.00003249026000,0.00000074782530
C3B3H2S2P5L1M3J1E2A3,BRN,OGAB,12,4,10,12,840,12,40,MNHVY,0.00003498456000,0.00000984938200
C3B3H2S2P5L1M3J2E1A1,BRN,OGAB,12,4,10,12,840,15,10,MEPDG,0.00499310700000,0.00131358100000
C3B3H2S2P5L1M3J2E1A2,BRN,OGAB,12,4,10,12,840,15,10,MNAVG,0.00096066190000,0.00018899520000
C3B3H2S2P5L1M3J2E1A3,BRN,OGAB,12,4,10,12,840,15,10,MNHVY,0.00204072500000,0.00229110900000
C3B3H2S2P5L1M3J2E2A1,BRN,OGAB,12,4,10,12,840,15,40,MEPDG,0.00151973000000,0.00002851164000
C3B3H2S2P5L1M3J2E2A2,BRN,OGAB,12,4,10,12,840,15,40,MNAVG,0.00034147940000,0.00000450281800
C3B3H2S2P5L1M3J2E2A3,BRN,OGAB,12,4,10,12,840,15,40,MNHVY,0.00062523630000,0.00005301464000
C3B3H2S2P5L2M1J1E1A1,BRN,OGAB,12,4,10,13,340,12,10,MEPDG,0.10142200000000,0.02420742000000
C3B3H2S2P5L2M1J1E1A2,BRN,OGAB,12,4,10,13,340,12,10,MNAVG,0.03998140000000,0.00342959600000
C3B3H2S2P5L2M1J1E1A3,BRN,OGAB,12,4,10,13,340,12,10,MNHVY,0.06322362000000,0.04016459000000
C3B3H2S2P5L2M1J1E2A1,BRN,OGAB,12,4,10,13,340,12,40,MEPDG,0.10142200000000,0.02420742000000
C3B3H2S2P5L2M1J1E2A2,BRN,OGAB,12,4,10,13,340,12,40,MNAVG,0.03998140000000,0.00342959600000
C3B3H2S2P5L2M1J1E2A3,BRN,OGAB,12,4,10,13,340,12,40,MNHVY,0.06322362000000,0.04016459000000
C3B3H2S2P5L2M1J2E1A1,BRN,OGAB,12,4,10,13,340,15,10,MEPDG,0.53591720000000,0.09584488000000
```

```
C3B3H2S2P5L2M1J2E1A2,BRN,OGAB,12,4,10,13,340,15,10,MNAVG,0.30676710000000,0.01798019000000
C3B3H2S2P5L2M1J2E1A3,BRN,OGAB,12,4,10,13,340,15,10,MNHVY,0.60965100000000,0.18239790000000
C3B3H2S2P5L2M1J2E2A1,BRN,OGAB,12,4,10,13,340,15,40,MEPDG,0.53591720000000,0.09584488000000
C3B3H2S2P5L2M1J2E2A2,BRN,OGAB,12,4,10,13,340,15,40,MNAVG,0.30676710000000,0.01798019000000
C3B3H2S2P5L2M1J2E2A3,BRN,OGAB,12,4,10,13,340,15,40,MNHVY,0.60965100000000,0.18239790000000
C3B3H2S2P5L2M2J1E1A1,BRN,OGAB,12,4,10,13,590,12,10,MEPDG,0.00091003170000,0.00073640680000
C3B3H2S2P5L2M2J1E1A2,BRN,OGAB,12,4,10,13,590,12,10,MNAVG,0.00024119240000,0.00008523901000
C3B3H2S2P5L2M2J1E1A3,BRN,OGAB,12,4,10,13,590,12,10,MNHVY,0.00027289760000,0.00106160900000
C3B3H2S2P5L2M2J1E2A1,BRN,OGAB,12,4,10,13,590,12,40,MEPDG,0.00091003170000,0.00073640680000
C3B3H2S2P5L2M2J1E2A2,BRN,OGAB,12,4,10,13,590,12,40,MNAVG,0.00024119240000,0.00008523901000
C3B3H2S2P5L2M2J1E2A3,BRN,OGAB,12,4,10,13,590,12,40,MNHVY,0.00027289760000,0.00106160900000
C3B3H2S2P5L2M2J2E1A1,BRN,OGAB,12,4,10,13,590,15,10,MEPDG,0.00934435500000,0.00603387200000
C3B3H2S2P5L2M2J2E1A2,BRN,OGAB,12,4,10,13,590,15,10,MNAVG,0.00309915900000,0.00102263200000
C3B3H2S2P5L2M2J2E1A3,BRN,OGAB,12,4,10,13,590,15,10,MNHVY,0.00603219900000,0.01118772000000
C3B3H2S2P5L2M2J2E2A1,BRN,OGAB,12,4,10,13,590,15,40,MEPDG,0.00934435500000,0.00603387200000
C3B3H2S2P5L2M2J2E2A2,BRN,OGAB,12,4,10,13,590,15,40,MNAVG,0.00309915900000,0.00102263200000
C3B3H2S2P5L2M2J2E2A3,BRN,OGAB,12,4,10,13,590,15,40,MNHVY,0.00603219900000,0.01118772000000
C3B3H2S2P5L2M3J1E1A1,BRN,OGAB,12,4,10,13,840,12,10,MEPDG,0.00002637948000,0.00001234634000
C3B3H2S2P5L2M3J1E1A2,BRN,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000601971500,0.00000129073700
C3B3H2S2P5L2M3J1E1A3,BRN,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000623869500,0.00001694326000
C3B3H2S2P5L2M3J1E2A1,BRN,OGAB,12,4,10,13,840,12,40,MEPDG,0.00002637948000,0.00001234634000
C3B3H2S2P5L2M3J1E2A2,BRN,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000601971500,0.00000129073700
C3B3H2S2P5L2M3J1E2A3,BRN,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000623869500,0.00001694326000
C3B3H2S2P5L2M3J2E1A1,BRN,OGAB,12,4,10,13,840,15,10,MEPDG,0.00030438990000,0.00015800540000
C3B3H2S2P5L2M3J2E1A2,BRN,OGAB,12,4,10,13,840,15,10,MNAVG,0.00007033566000,0.00002471138000
C3B3H2S2P5L2M3J2E1A3,BRN,OGAB,12,4,10,13,840,15,10,MNHVY,0.00012544760000,0.00028871870000
C3B3H2S2P5L2M3J2E2A1,BRN,OGAB,12,4,10,13,840,15,40,MEPDG,0.00030438990000,0.00015800540000
C3B3H2S2P5L2M3J2E2A2,BRN,OGAB,12,4,10,13,840,15,40,MNAVG,0.00007033566000,0.00002471138000
C3B3H2S2P5L2M3J2E2A3,BRN,OGAB,12,4,10,13,840,15,40,MNHVY,0.00012544760000,0.00028871870000
C3B3H2S2P6L1M1J1E1A1,BRN,OGAB,12,4,11,12,340,12,10,MEPDG,0.28869150000000,0.06054244000000
C3B3H2S2P6L1M1J1E1A2,BRN,OGAB,12,4,11,12,340,12,10,MNAVG,0.08475505000000,0.00838711900000
C3B3H2S2P6L1M1J1E1A3,BRN,OGAB,12,4,11,12,340,12,10,MNHVY,0.14131510000000,0.10254500000000
C3B3H2S2P6L1M1J1E2A1,BRN,OGAB,12,4,11,12,340,12,40,MEPDG,0.10940830000000,0.03414888000000
C3B3H2S2P6L1M1J1E2A2,BRN,OGAB,12,4,11,12,340,12,40,MNAVG,0.03440291000000,0.00457762600000
C3B3H2S2P6L1M1J1E2A3,BRN,OGAB,12,4,11,12,340,12,40,MNHVY,0.05038482000000,0.05613718000000
C3B3H2S2P6L1M1J2E1A1,BRN,OGAB,12,4,11,12,340,15,10,MEPDG,1.40230200000000,0.26325670000000
C3B3H2S2P6L1M1J2E1A2,BRN,OGAB,12,4,11,12,340,15,10,MNAVG,0.59991220000000,0.04623875000000
C3B3H2S2P6L1M1J2E1A3,BRN,OGAB,12,4,11,12,340,15,10,MNHVY,1.32720100000000,0.50353020000000
C3B3H2S2P6L1M1J2E2A1,BRN,OGAB,12,4,11,12,340,15,40,MEPDG,0.62648960000000,0.15237540000000
C3B3H2S2P6L1M1J2E2A2,BRN,OGAB,12,4,11,12,340,15,40,MNAVG,0.28908350000000,0.02647339000000
C3B3H2S2P6L1M1J2E2A3,BRN,OGAB,12,4,11,12,340,15,40,MNHVY,0.58003070000000,0.28670350000000
C3B3H2S2P6L1M2J1E1A1,BRN,OGAB,12,4,11,12,590,12,10,MEPDG,0.00279083000000,0.00127194100000
C3B3H2S2P6L1M2J1E1A2,BRN,OGAB,12,4,11,12,590,12,10,MNAVG,0.00054508170000,0.00013709920000
C3B3H2S2P6L1M2J1E1A3,BRN,OGAB,12,4,11,12,590,12,10,MNHVY,0.00063754370000,0.00179893500000
C3B3H2S2P6L1M2J1E2A1,BRN,OGAB,12,4,11,12,590,12,40,MEPDG,0.00074688870000,0.00076102470000
C3B3H2S2P6L1M2J1E2A2,BRN,OGAB,12,4,11,12,590,12,40,MNAVG,0.00017660510000,0.00007960654000
C3B3H2S2P6L1M2J1E2A3,BRN,OGAB,12,4,11,12,590,12,40,MNHVY,0.00017582650000,0.00104046500000
C3B3H2S2P6L1M2J2E1A1,BRN,OGAB,12,4,11,12,590,15,10,MEPDG,0.02103604000000,0.01166326000000
C3B3H2S2P6L1M2J2E1A2,BRN,OGAB,12,4,11,12,590,15,10,MNAVG,0.00466484000000,0.00178854700000
C3B3H2S2P6L1M2J2E1A3,BRN,OGAB,12,4,11,12,590,15,10,MNHVY,0.00964788300000,0.02118434000000
```

```
C3B3H2S2P6L1M2J2E2A1,BRN,OGAB,12,4,11,12,590,15,40,MEPDG,0.00693924700000,0.00660362100000
C3B3H2S2P6L1M2J2E2A2,BRN,OGAB,12,4,11,12,590,15,40,MNAVG,0.00176914000000,0.00100548600000
C3B3H2S2P6L1M2J2E2A3,BRN,OGAB,12,4,11,12,590,15,40,MNHVY,0.00311693800000,0.01183073000000
C3B3H2S2P6L1M3J1E1A1,BRN,OGAB,12,4,11,12,840,12,10,MEPDG,0.00008910154000,0.00001984629000
C3B3H2S2P6L1M3J1E1A2,BRN,OGAB,12,4,11,12,840,12,10,MNAVG,0.00001357923000,0.00000183311500
C3B3H2S2P6L1M3J1E1A3,BRN,OGAB,12,4,11,12,840,12,10,MNHVY,0.00001460530000,0.00002628562000
C3B3H2S2P6L1M3J1E2A1,BRN,OGAB,12,4,11,12,840,12,40,MEPDG,0.00001990380000,0.00001755259000
C3B3H2S2P6L1M3J1E2A2,BRN,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000386027500,0.00000149499400
C3B3H2S2P6L1M3J1E2A3,BRN,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000351579800,0.00002122462000
C3B3H2S2P6L1M3J2E1A1,BRN,OGAB,12,4,11,12,840,15,10,MEPDG,0.00057760570000,0.00007280664000
C3B3H2S2P6L1M3J2E1A2,BRN,OGAB,12,4,11,12,840,15,10,MNAVG,0.00009045684000,0.00001004645000
C3B3H2S2P6L1M3J2E1A3,BRN,OGAB,12,4,11,12,840,15,10,MNHVY,0.00014713270000,0.00012963020000
C3B3H2S2P6L1M3J2E2A1,BRN,OGAB,12,4,11,12,840,15,40,MEPDG,0.00014883940000,0.00004994290000
C3B3H2S2P6L1M3J2E2A2,BRN,OGAB,12,4,11,12,840,15,40,MNAVG,0.00002882721000,0.00000676120100
C3B3H2S2P6L1M3J2E2A3,BRN,OGAB,12,4,11,12,840,15,40,MNHVY,0.00003866144000,0.00008635229000
C3B3H2S2P6L2M1J1E1A1,BRN,OGAB,12,4,11,13,340,12,10,MEPDG,0.02318298000000,0.01583210000000
C3B3H2S2P6L2M1J1E1A2,BRN,OGAB,12,4,11,13,340,12,10,MNAVG,0.00730637100000,0.00219083400000
C3B3H2S2P6L2M1J1E1A3,BRN,OGAB,12,4,11,13,340,12,10,MNHVY,0.01033368000000,0.02638332000000
C3B3H2S2P6L2M1J1E2A1,BRN,OGAB,12,4,11,13,340,12,40,MEPDG,0.02318298000000,0.01583210000000
C3B3H2S2P6L2M1J1E2A2,BRN,OGAB,12,4,11,13,340,12,40,MNAVG,0.00730637100000,0.00219083400000
C3B3H2S2P6L2M1J1E2A3,BRN,OGAB,12,4,11,13,340,12,40,MNHVY,0.01033368000000,0.02638332000000
C3B3H2S2P6L2M1J2E1A1,BRN,OGAB,12,4,11,13,340,15,10,MEPDG,0.15219070000000,0.08149524000000
C3B3H2S2P6L2M1J2E1A2,BRN,OGAB,12,4,11,13,340,15,10,MNAVG,0.07104115000000,0.01469071000000
C3B3H2S2P6L2M1J2E1A3,BRN,OGAB,12,4,11,13,340,15,10,MNHVY,0.13981270000000,0.15521550000000
C3B3H2S2P6L2M1J2E2A1,BRN,OGAB,12,4,11,13,340,15,40,MEPDG,0.15219070000000,0.08149524000000
C3B3H2S2P6L2M1J2E2A2,BRN,OGAB,12,4,11,13,340,15,40,MNAVG,0.07104115000000,0.01469071000000
C3B3H2S2P6L2M1J2E2A3,BRN,OGAB,12,4,11,13,340,15,40,MNHVY,0.13981270000000,0.15521550000000
C3B3H2S2P6L2M2J1E1A1,BRN,OGAB,12,4,11,13,590,12,10,MEPDG,0.00013542930000,0.00033975430000
C3B3H2S2P6L2M2J1E1A2,BRN,OGAB,12,4,11,13,590,12,10,MNAVG,0.00003358113000,0.00003690720000
C3B3H2S2P6L2M2J1E1A3,BRN,OGAB,12,4,11,13,590,12,10,MNHVY,0.00003196695000,0.00047623490000
C3B3H2S2P6L2M2J1E2A1,BRN,OGAB,12,4,11,13,590,12,40,MEPDG,0.00013542930000,0.00033975430000
C3B3H2S2P6L2M2J1E2A2,BRN,OGAB,12,4,11,13,590,12,40,MNAVG,0.00003358113000,0.00003690720000
C3B3H2S2P6L2M2J1E2A3,BRN,OGAB,12,4,11,13,590,12,40,MNHVY,0.00003196695000,0.00047623490000
C3B3H2S2P6L2M2J2E1A1,BRN,OGAB,12,4,11,13,590,15,10,MEPDG,0.00143331600000,0.00336434300000
C3B3H2S2P6L2M2J2E1A2,BRN,OGAB,12,4,11,13,590,15,10,MNAVG,0.00037549540000,0.00053152990000
C3B3H2S2P6L2M2J2E1A3,BRN,OGAB,12,4,11,13,590,15,10,MNHVY,0.00063771340000,0.00612993200000
C3B3H2S2P6L2M2J2E2A1,BRN,OGAB,12,4,11,13,590,15,40,MEPDG,0.00143331600000,0.00336434300000
C3B3H2S2P6L2M2J2E2A2,BRN,OGAB,12,4,11,13,590,15,40,MNAVG,0.00037549540000,0.00053152990000
C3B3H2S2P6L2M2J2E2A3,BRN,OGAB,12,4,11,13,590,15,40,MNHVY,0.00063771340000,0.00612993200000
C3B3H2S2P6L2M3J1E1A1,BRN,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000338669900,0.00000619872000
C3B3H2S2P6L2M3J1E1A2,BRN,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000069243700,0.00000054613750
C3B3H2S2P6L2M3J1E1A3,BRN,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000060292750,0.00000774215500
C3B3H2S2P6L2M3J1E2A1,BRN,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000338669900,0.00000619872000
C3B3H2S2P6L2M3J1E2A2,BRN,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000069243700,0.00000054613750
C3B3H2S2P6L2M3J1E2A3,BRN,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000060292750,0.00000774215500
C3B3H2S2P6L2M3J2E1A1,BRN,OGAB,12,4,11,13,840,15,10,MEPDG,0.00002745037000,0.00002764253000
C3B3H2S2P6L2M3J2E1A2,BRN,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000557822800,0.00000377579700
C3B3H2S2P6L2M3J2E1A3,BRN,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000717284500,0.00004795032000
C3B3H2S2P6L2M3J2E2A1,BRN,OGAB,12,4,11,13,840,15,40,MEPDG,0.00002745037000,0.00002764253000
C3B3H2S2P6L2M3J2E2A2,BRN,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000557822800,0.00000377579700
```

```
C3B3H2S2P6L2M3J2E2A3,BRN,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000717284500,0.00004795032000
C3B3H2S2P7L1M1J1E1A1,BRN,OGAB,12,4,12,12,340,12,10,MEPDG,0.07652534000000,0.02987557000000
C3B3H2S2P7L1M1J1E1A2,BRN,OGAB,12,4,12,12,340,12,10,MNAVG,0.01785551000000,0.00398814300000
C3B3H2S2P7L1M1J1E1A3,BRN,OGAB,12,4,12,12,340,12,10,MNHVY,0.02682963000000,0.04971034000000
C3B3H2S2P7L1M1J1E2A1,BRN,OGAB,12,4,12,12,340,12,40,MEPDG,0.02613611000000,0.01800904000000
C3B3H2S2P7L1M1J1E2A2,BRN,OGAB,12,4,12,12,340,12,40,MNAVG,0.00683123000000,0.00236688200000
C3B3H2S2P7L1M1J1E2A3,BRN,OGAB,12,4,12,12,340,12,40,MNHVY,0.00886743200000,0.02941652000000
C3B3H2S2P7L1M1J2E1A1,BRN,OGAB,12,4,12,12,340,15,10,MEPDG,0.40633260000000,0.18392690000000
C3B3H2S2P7L1M1J2E1A2,BRN,OGAB,12,4,12,12,340,15,10,MNAVG,0.13357960000000,0.03106786000000
C3B3H2S2P7L1M1J2E1A3,BRN,OGAB,12,4,12,12,340,15,10,MNHVY,0.29041660000000,0.34859550000000
C3B3H2S2P7L1M1J2E2A1,BRN,OGAB,12,4,12,12,340,15,40,MEPDG,0.16368280000000,0.10774920000000
C3B3H2S2P7L1M1J2E2A2,BRN,OGAB,12,4,12,12,340,15,40,MNAVG,0.05919202000000,0.01792466000000
C3B3H2S2P7L1M1J2E2A3,BRN,OGAB,12,4,12,12,340,15,40,MNHVY,0.11367820000000,0.20099160000000
C3B3H2S2P7L1M2J1E1A1,BRN,OGAB,12,4,12,12,590,12,10,MEPDG,0.00054814040000,0.00050963880000
C3B3H2S2P7L1M2J1E1A2,BRN,OGAB,12,4,12,12,590,12,10,MNAVG,0.00009407902000,0.00005208154000
C3B3H2S2P7L1M2J1E1A3,BRN,OGAB,12,4,12,12,590,12,10,MNHVY,0.00009808089000,0.00070845190000
C3B3H2S2P7L1M2J1E2A1,BRN,OGAB,12,4,12,12,590,12,40,MEPDG,0.00013176720000,0.00035351670000
C3B3H2S2P7L1M2J1E2A2,BRN,OGAB,12,4,12,12,590,12,40,MNAVG,0.00002869352000,0.00003489263000
C3B3H2S2P7L1M2J1E2A3,BRN,OGAB,12,4,12,12,590,12,40,MNHVY,0.00002558773000,0.00047004070000
C3B3H2S2P7L1M2J2E1A1,BRN,OGAB,12,4,12,12,590,15,10,MEPDG,0.00330177900000,0.00562986500000
C3B3H2S2P7L1M2J2E1A2,BRN,OGAB,12,4,12,12,590,15,10,MNAVG,0.00057812930000,0.00079376270000
C3B3H2S2P7L1M2J2E1A3,BRN,OGAB,12,4,12,12,590,15,10,MNHVY,0.00094836680000,0.00981861000000
C3B3H2S2P7L1M2J2E2A1,BRN,OGAB,12,4,12,12,590,15,40,MEPDG,0.00097196190000,0.00334326400000
C3B3H2S2P7L1M2J2E2A2,BRN,OGAB,12,4,12,12,590,15,40,MNAVG,0.00020556360000,0.00047282380000
C3B3H2S2P7L1M2J2E2A3,BRN,OGAB,12,4,12,12,590,15,40,MNHVY,0.00028984980000,0.00578616400000
C3B3H2S2P7L1M3J1E1A1,BRN,OGAB,12,4,12,12,840,12,10,MEPDG,0.00001676674000,0.00000908479300
C3B3H2S2P7L1M3J1E1A2,BRN,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000205069200,0.00000071104700
C3B3H2S2P7L1M3J1E1A3,BRN,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000193216400,0.00001059203000
C3B3H2S2P7L1M3J1E2A1,BRN,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000330870300,0.00000910767400
C3B3H2S2P7L1M3J1E2A2,BRN,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000054856950,0.00000067547290
C3B3H2S2P7L1M3J1E2A3,BRN,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000042813180,0.00001004995000
C3B3H2S2P7L1M3J2E1A1,BRN,OGAB,12,4,12,12,840,15,10,MEPDG,0.00007097939000,0.00007882113000
C3B3H2S2P7L1M3J2E1A2,BRN,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000955588800,0.00000917534600
C3B3H2S2P7L1M3J2E1A3,BRN,OGAB,12,4,12,12,840,15,10,MNHVY,0.00001209910000,0.00012705430000
C3B3H2S2P7L1M3J2E2A1,BRN,OGAB,12,4,12,12,840,15,40,MEPDG,0.00001629821000,0.00013904690000
C3B3H2S2P7L1M3J2E2A2,BRN,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000284172000,0.00001524420000
C3B3H2S2P7L1M3J2E2A3,BRN,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000302937300,0.00020860380000
C3B3H2S2P7L2M1J1E1A1,BRN,OGAB,12,4,12,13,340,12,10,MEPDG,0.00526382300000,0.00873869700000
C3B3H2S2P7L2M1J1E1A2,BRN,OGAB,12,4,12,13,340,12,10,MNAVG,0.00140536300000,0.00118613800000
C3B3H2S2P7L2M1J1E1A3,BRN,OGAB,12,4,12,13,340,12,10,MNHVY,0.00174431200000,0.01449169000000
C3B3H2S2P7L2M1J1E2A1,BRN,OGAB,12,4,12,13,340,12,40,MEPDG,0.00526382300000,0.00873869700000
C3B3H2S2P7L2M1J1E2A2,BRN,OGAB,12,4,12,13,340,12,40,MNAVG,0.00140536300000,0.00118613800000
C3B3H2S2P7L2M1J1E2A3,BRN,OGAB,12,4,12,13,340,12,40,MNHVY,0.00174431200000,0.01449169000000
C3B3H2S2P7L2M1J2E1A1,BRN,OGAB,12,4,12,13,340,15,10,MEPDG,0.03735400000000,0.05921798000000
C3B3H2S2P7L2M1J2E1A2,BRN,OGAB,12,4,12,13,340,15,10,MNAVG,0.01371655000000,0.01022195000000
C3B3H2S2P7L2M1J2E1A3,BRN,OGAB,12,4,12,13,340,15,10,MNHVY,0.02559045000000,0.11182490000000
C3B3H2S2P7L2M1J2E2A1,BRN,OGAB,12,4,12,13,340,15,40,MEPDG,0.03735400000000,0.05921798000000
C3B3H2S2P7L2M1J2E2A2,BRN,OGAB,12,4,12,13,340,15,40,MNAVG,0.01371655000000,0.01022195000000
C3B3H2S2P7L2M1J2E2A3,BRN,OGAB,12,4,12,13,340,15,40,MNHVY,0.02559045000000,0.11182490000000
C3B3H2S2P7L2M2J1E1A1,BRN,OGAB,12,4,12,13,590,12,10,MEPDG,0.00002324931000,0.00016541840000
```

```
C3B3H2S2P7L2M2J1E1A2,BRN,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000535668600,0.00001702281000
C3B3H2S2P7L2M2J1E1A3,BRN,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000462313400,0.00022650060000
C3B3H2S2P7L2M2J1E2A1,BRN,OGAB,12,4,12,13,590,12,40,MEPDG,0.00002324931000,0.00016541840000
C3B3H2S2P7L2M2J1E2A2,BRN,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000535668600,0.00001702281000
C3B3H2S2P7L2M2J1E2A3,BRN,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000462313400,0.00022650060000
C3B3H2S2P7L2M2J2E1A1,BRN,OGAB,12,4,12,13,590,15,10,MEPDG,0.00018682720000,0.00174731000000
C3B3H2S2P7L2M2J2E1A2,BRN,OGAB,12,4,12,13,590,15,10,MNAVG,0.00004132209000,0.00025653840000
C3B3H2S2P7L2M2J2E1A3,BRN,OGAB,12,4,12,13,590,15,10,MNHVY,0.00005560896000,0.00308339300000
C3B3H2S2P7L2M2J2E2A1,BRN,OGAB,12,4,12,13,590,15,40,MEPDG,0.00018682720000,0.00174731000000
C3B3H2S2P7L2M2J2E2A2,BRN,OGAB,12,4,12,13,590,15,40,MNAVG,0.00004132209000,0.00025653840000
C3B3H2S2P7L2M2J2E2A3,BRN,OGAB,12,4,12,13,590,15,40,MNHVY,0.00005560896000,0.00308339300000
C3B3H2S2P7L2M3J1E1A1,BRN,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000056584450,0.00000305056600
C3B3H2S2P7L2M3J1E1A2,BRN,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000009960169,0.00000022565630
C3B3H2S2P7L2M3J1E1A3,BRN,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000007469040,0.00000334093000
C3B3H2S2P7L2M3J1E2A1,BRN,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000056584450,0.00000305056600
C3B3H2S2P7L2M3J1E2A2,BRN,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000009960169,0.00000022565630
C3B3H2S2P7L2M3J1E2A3,BRN,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000007469040,0.00000334093000
C3B3H2S2P7L2M3J2E1A1,BRN,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000284894200,0.00002928503000
C3B3H2S2P7L2M3J2E1A2,BRN,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000052932460,0.00000334257300
C3B3H2S2P7L2M3J2E1A3,BRN,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000054101820,0.00004567867000
C3B3H2S2P7L2M3J2E2A1,BRN,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000284894200,0.00002928503000
C3B3H2S2P7L2M3J2E2A2,BRN,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000052932460,0.00000334257300
C3B3H2S2P7L2M3J2E2A3,BRN,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000054101820,0.00004567867000
C4B1H1S1P1L1M1J1E1A1,ALX,CL5S,4,12,6,12,340,12,10,MEPDG,141.20330000000000,2.08733800000000
C4B1H1S1P1L1M1J1E1A2,ALX,CL5S,4,12,6,12,340,12,10,MNAVG,116.28240000000000,0.26921990000000
C4B1H1S1P1L1M1J1E1A3,ALX,CL5S,4,12,6,12,340,12,10,MNHVY,203.65600000000000,3.09580200000000
C4B1H1S1P1L1M1J1E2A1,ALX,CL5S,4,12,6,12,340,12,40,MEPDG,87.04805000000000,1.20679300000000
C4B1H1S1P1L1M1J1E2A2,ALX,CL5S,4,12,6,12,340,12,40,MNAVG,67.04565000000000,0.14982100000000
C4B1H1S1P1L1M1J1E2A3,ALX,CL5S,4,12,6,12,340,12,40,MNHVY,120.97670000000000,1.74348200000000
C4B1H1S1P1L1M1J2E1A1,ALX,CL5S,4,12,6,12,340,15,10,MEPDG,163.47580000000000,1.98794100000000
C4B1H1S1P1L1M1J2E1A2,ALX,CL5S,4,12,6,12,340,15,10,MNAVG,137.66020000000000,0.36025790000000
C4B1H1S1P1L1M1J2E1A3,ALX,CL5S,4,12,6,12,340,15,10,MNHVY,244.00150000000000,3.57174100000000
C4B1H1S1P1L1M1J2E2A1,ALX,CL5S,4,12,6,12,340,15,40,MEPDG,102.54210000000000,1.16711800000000
C4B1H1S1P1L1M1J2E2A2,ALX,CL5S,4,12,6,12,340,15,40,MNAVG,81.25675000000000,0.21210550000000
C4B1H1S1P1L1M1J2E2A3,ALX,CL5S,4,12,6,12,340,15,40,MNHVY,148.52010000000000,2.10093100000000
C4B1H1S1P1L1M2J1E1A1,ALX,CL5S,4,12,6,12,590,12,10,MEPDG,10.15738000000000,0.20822130000000
C4B1H1S1P1L1M2J1E1A2,ALX,CL5S,4,12,6,12,590,12,10,MNAVG,6.62072500000000,0.02578344000000
C4B1H1S1P1L1M2J1E1A3,ALX,CL5S,4,12,6,12,590,12,10,MNHVY,10.62680000000000,0.28964490000000
C4B1H1S1P1L1M2J1E2A1,ALX,CL5S,4,12,6,12,590,12,40,MEPDG,5.41740800000000,0.10761850000000
C4B1H1S1P1L1M2J1E2A2,ALX,CL5S,4,12,6,12,590,12,40,MNAVG,3.35957600000000,0.01190303000000
C4B1H1S1P1L1M2J1E2A3,ALX,CL5S,4,12,6,12,590,12,40,MNHVY,5.38940000000000,0.13834140000000
C4B1H1S1P1L1M2J2E1A1,ALX,CL5S,4,12,6,12,590,15,10,MEPDG,15.61874000000000,0.44117570000000
C4B1H1S1P1L1M2J2E1A2,ALX,CL5S,4,12,6,12,590,15,10,MNAVG,11.30332000000000,0.08059846000000
C4B1H1S1P1L1M2J2E1A3,ALX,CL5S,4,12,6,12,590,15,10,MNHVY,19.25213000000000,0.78487860000000
C4B1H1S1P1L1M2J2E2A1,ALX,CL5S,4,12,6,12,590,15,40,MEPDG,8.82111100000000,0.22614450000000
C4B1H1S1P1L1M2J2E2A2,ALX,CL5S,4,12,6,12,590,15,40,MNAVG,6.19426200000000,0.03963001000000
C4B1H1S1P1L1M2J2E2A3,ALX,CL5S,4,12,6,12,590,15,40,MNHVY,10.62988000000000,0.39594600000000
C4B1H1S1P1L1M3J1E1A1,ALX,CL5S,4,12,6,12,840,12,10,MEPDG,1.18031400000000,0.02455047000000
C4B1H1S1P1L1M3J1E1A2,ALX,CL5S,4,12,6,12,840,12,10,MNAVG,0.58575490000000,0.00245886300000
C4B1H1S1P1L1M3J1E1A3,ALX,CL5S,4,12,6,12,840,12,10,MNHVY,0.88667300000000,0.02960957000000
```

```
C4B1H1S1P1L1M3J1E2A1,ALX,CL5S,4,12,6,12,840,12,40,MEPDG,0.54609880000000,0.01185115000000
C4B1H1S1P1L1M3J1E2A2,ALX,CL5S,4,12,6,12,840,12,40,MNAVG,0.26313870000000,0.00099344780000
C4B1H1S1P1L1M3J1E2A3,ALX,CL5S,4,12,6,12,840,12,40,MNHVY,0.38587330000000,0.01232772000000
C4B1H1S1P1L1M3J2E1A1,ALX,CL5S,4,12,6,12,840,15,10,MEPDG,2.48455000000000,0.08968291000000
C4B1H1S1P1L1M3J2E1A2,ALX,CL5S,4,12,6,12,840,15,10,MNAVG,1.53119500000000,0.01503006000000
C4B1H1S1P1L1M3J2E1A3,ALX,CL5S,4,12,6,12,840,15,10,MNHVY,2.65839200000000,0.15392290000000
C4B1H1S1P1L1M3J2E2A1,ALX,CL5S,4,12,6,12,840,15,40,MEPDG,1.25349200000000,0.04036094000000
C4B1H1S1P1L1M3J2E2A2,ALX,CL5S,4,12,6,12,840,15,40,MNAVG,0.76946120000000,0.00621182300000
C4B1H1S1P1L1M3J2E2A3,ALX,CL5S,4,12,6,12,840,15,40,MNHVY,1.31322500000000,0.06621522000000
C4B1H1S1P1L2M1J1E1A1,ALX,CL5S,4,12,6,13,340,12,10,MEPDG,22.11272000000000,0.44995060000000
C4B1H1S1P1L2M1J1E1A2,ALX,CL5S,4,12,6,13,340,12,10,MNAVG,16.29352000000000,0.05908215000000
C4B1H1S1P1L2M1J1E1A3,ALX,CL5S,4,12,6,13,340,12,10,MNHVY,29.78160000000000,0.66343370000000
C4B1H1S1P1L2M1J1E2A1,ALX,CL5S,4,12,6,13,340,12,40,MEPDG,22.11272000000000,0.44995060000000
C4B1H1S1P1L2M1J1E2A2,ALX,CL5S,4,12,6,13,340,12,40,MNAVG,16.29352000000000,0.05908215000000
C4B1H1S1P1L2M1J1E2A3,ALX,CL5S,4,12,6,13,340,12,40,MNHVY,29.78160000000000,0.66343370000000
C4B1H1S1P1L2M1J2E1A1,ALX,CL5S,4,12,6,13,340,15,10,MEPDG,26.48505000000000,0.52020870000000
C4B1H1S1P1L2M1J2E1A2,ALX,CL5S,4,12,6,13,340,15,10,MNAVG,20.19975000000000,0.10012200000000
C4B1H1S1P1L2M1J2E1A3,ALX,CL5S,4,12,6,13,340,15,10,MNHVY,37.34436000000000,0.94796220000000
C4B1H1S1P1L2M1J2E2A1,ALX,CL5S,4,12,6,13,340,15,40,MEPDG,26.48505000000000,0.52020870000000
C4B1H1S1P1L2M1J2E2A2,ALX,CL5S,4,12,6,13,340,15,40,MNAVG,20.19975000000000,0.10012200000000
C4B1H1S1P1L2M1J2E2A3,ALX,CL5S,4,12,6,13,340,15,40,MNHVY,37.34436000000000,0.94796220000000
C4B1H1S1P1L2M2J1E1A1,ALX,CL5S,4,12,6,13,590,12,10,MEPDG,1.29549000000000,0.03848151000000
C4B1H1S1P1L2M2J1E1A2,ALX,CL5S,4,12,6,13,590,12,10,MNAVG,0.77255660000000,0.00442905100000
C4B1H1S1P1L2M2J1E1A3,ALX,CL5S,4,12,6,13,590,12,10,MNHVY,1.25393200000000,0.05064331000000
C4B1H1S1P1L2M2J1E2A1,ALX,CL5S,4,12,6,13,590,12,40,MEPDG,1.29549000000000,0.03848151000000
C4B1H1S1P1L2M2J1E2A2,ALX,CL5S,4,12,6,13,590,12,40,MNAVG,0.77255660000000,0.00442905100000
C4B1H1S1P1L2M2J1E2A3,ALX,CL5S,4,12,6,13,590,12,40,MNHVY,1.25393200000000,0.05064331000000
C4B1H1S1P1L2M2J2E1A1,ALX,CL5S,4,12,6,13,590,15,10,MEPDG,2.22126300000000,0.09903786000000
C4B1H1S1P1L2M2J2E1A2,ALX,CL5S,4,12,6,13,590,15,10,MNAVG,1.53113800000000,0.01825076000000
C4B1H1S1P1L2M2J2E1A3,ALX,CL5S,4,12,6,13,590,15,10,MNHVY,2.65831600000000,0.17656990000000
C4B1H1S1P1L2M2J2E2A1,ALX,CL5S,4,12,6,13,590,15,40,MEPDG,2.22126300000000,0.09903786000000
C4B1H1S1P1L2M2J2E2A2,ALX,CL5S,4,12,6,13,590,15,40,MNAVG,1.53113800000000,0.01825076000000
C4B1H1S1P1L2M2J2E2A3,ALX,CL5S,4,12,6,13,590,15,40,MNHVY,2.65831600000000,0.17656990000000
C4B1H1S1P1L2M3J1E1A1,ALX,CL5S,4,12,6,13,840,12,10,MEPDG,0.12281920000000,0.00393601300000
C4B1H1S1P1L2M3J1E1A2,ALX,CL5S,4,12,6,13,840,12,10,MNAVG,0.05732741000000,0.00033040950000
C4B1H1S1P1L2M3J1E1A3,ALX,CL5S,4,12,6,13,840,12,10,MNHVY,0.08455580000000,0.00409730700000
C4B1H1S1P1L2M3J1E2A1,ALX,CL5S,4,12,6,13,840,12,40,MEPDG,0.12281920000000,0.00393601300000
C4B1H1S1P1L2M3J1E2A2,ALX,CL5S,4,12,6,13,840,12,40,MNAVG,0.05732741000000,0.00033040950000
C4B1H1S1P1L2M3J1E2A3,ALX,CL5S,4,12,6,13,840,12,40,MNHVY,0.08455580000000,0.00409730700000
C4B1H1S1P1L2M3J2E1A1,ALX,CL5S,4,12,6,13,840,15,10,MEPDG,0.30452760000000,0.01618070000000
C4B1H1S1P1L2M3J2E1A2,ALX,CL5S,4,12,6,13,840,15,10,MNAVG,0.18563670000000,0.00256691700000
C4B1H1S1P1L2M3J2E1A3,ALX,CL5S,4,12,6,13,840,15,10,MNHVY,0.32093940000000,0.02698410000000
C4B1H1S1P1L2M3J2E2A1,ALX,CL5S,4,12,6,13,840,15,40,MEPDG,0.30452760000000,0.01618070000000
C4B1H1S1P1L2M3J2E2A2,ALX,CL5S,4,12,6,13,840,15,40,MNAVG,0.18563670000000,0.00256691700000
C4B1H1S1P1L2M3J2E2A3,ALX,CL5S,4,12,6,13,840,15,40,MNHVY,0.32093940000000,0.02698410000000
C4B1H1S1P2L1M1J1E1A1,ALX,CL5S,4,12,7,12,340,12,10,MEPDG,51.82790000000000,1.44555300000000
C4B1H1S1P2L1M1J1E1A2,ALX,CL5S,4,12,7,12,340,12,10,MNAVG,39.21965000000000,0.21491930000000
C4B1H1S1P2L1M1J1E1A3,ALX,CL5S,4,12,7,12,340,12,10,MNHVY,67.37179000000000,2.33421200000000
C4B1H1S1P2L1M1J1E2A1,ALX,CL5S,4,12,7,12,340,12,40,MEPDG,30.05819000000000,0.81515810000000
C4B1H1S1P2L1M1J1E2A2,ALX,CL5S,4,12,7,12,340,12,40,MNAVG,21.74381000000000,0.11401890000000
```

```
C4B1H1S1P2L1M1J1E2A3,ALX,CL5S,4,12,7,12,340,12,40,MNHVY,37.5876200000000,1.26482200000000
C4B1H1S1P2L1M1J2E1A1,ALX,CL5S,4,12,7,12,340,15,10,MEPDG,74.2314500000000,2.20340400000000
C4B1H1S1P2L1M1J2E1A2,ALX,CL5S,4,12,7,12,340,15,10,MNAVG,60.1452200000000,0.43321390000000
C4B1H1S1P2L1M1J2E1A3,ALX,CL5S,4,12,7,12,340,15,10,MNHVY,106.805300000000,4.12551600000000
C4B1H1S1P2L1M1J2E2A1,ALX,CL5S,4,12,7,12,340,15,40,MEPDG,45.0560800000000,1.27835200000000
C4B1H1S1P2L1M1J2E2A2,ALX,CL5S,4,12,7,12,340,15,40,MNAVG,35.3836800000000,0.24851360000000
C4B1H1S1P2L1M1J2E2A3,ALX,CL5S,4,12,7,12,340,15,40,MNHVY,63.4926500000000,2.38091600000000
C4B1H1S1P2L1M2J1E1A1,ALX,CL5S,4,12,7,12,590,12,10,MEPDG,2.44957300000000,0.09260298000000
C4B1H1S1P2L1M2J1E1A2,ALX,CL5S,4,12,7,12,590,12,10,MNAVG,1.26373700000000,0.01212111000000
C4B1H1S1P2L1M2J1E1A3,ALX,CL5S,4,12,7,12,590,12,10,MNHVY,2.01213000000000,0.13859630000000
C4B1H1S1P2L1M2J1E2A1,ALX,CL5S,4,12,7,12,590,12,40,MEPDG,1.15848900000000,0.04671586000000
C4B1H1S1P2L1M2J1E2A2,ALX,CL5S,4,12,7,12,590,12,40,MNAVG,0.58563070000000,0.00546771600000
C4B1H1S1P2L1M2J1E2A3,ALX,CL5S,4,12,7,12,590,12,40,MNHVY,0.89398770000000,0.06397866000000
C4B1H1S1P2L1M2J2E1A1,ALX,CL5S,4,12,7,12,590,15,10,MEPDG,5.54872800000000,0.30765710000000
C4B1H1S1P2L1M2J2E1A2,ALX,CL5S,4,12,7,12,590,15,10,MNAVG,3.53466500000000,0.05870643000000
C4B1H1S1P2L1M2J2E1A3,ALX,CL5S,4,12,7,12,590,15,10,MNHVY,6.38976000000000,0.57118760000000
C4B1H1S1P2L1M2J2E2A1,ALX,CL5S,4,12,7,12,590,15,40,MEPDG,2.88698200000000,0.15517090000000
C4B1H1S1P2L1M2J2E2A2,ALX,CL5S,4,12,7,12,590,15,40,MNAVG,1.84951400000000,0.02839797000000
C4B1H1S1P2L1M2J2E2A3,ALX,CL5S,4,12,7,12,590,15,40,MNHVY,3.25800800000000,0.28192970000000
C4B1H1S1P2L1M3J1E1A1,ALX,CL5S,4,12,7,12,840,12,10,MEPDG,0.20342350000000,0.00677151500000
C4B1H1S1P2L1M3J1E1A2,ALX,CL5S,4,12,7,12,840,12,10,MNAVG,0.07451172000000,0.00068112310000
C4B1H1S1P2L1M3J1E1A3,ALX,CL5S,4,12,7,12,840,12,10,MNHVY,0.10978020000000,0.00847946900000
C4B1H1S1P2L1M3J1E2A1,ALX,CL5S,4,12,7,12,840,12,40,MEPDG,0.08056594000000,0.00321680400000
C4B1H1S1P2L1M3J1E2A2,ALX,CL5S,4,12,7,12,840,12,40,MNAVG,0.02998417000000,0.00027168570000
C4B1H1S1P2L1M3J1E2A3,ALX,CL5S,4,12,7,12,840,12,40,MNHVY,0.04089182000000,0.00347856900000
C4B1H1S1P2L1M3J2E1A1,ALX,CL5S,4,12,7,12,840,15,10,MEPDG,0.70858160000000,0.03872298000000
C4B1H1S1P2L1M3J2E1A2,ALX,CL5S,4,12,7,12,840,15,10,MNAVG,0.35520780000000,0.00644381700000
C4B1H1S1P2L1M3J2E1A3,ALX,CL5S,4,12,7,12,840,15,10,MNHVY,0.68252270000000,0.06858146000000
C4B1H1S1P2L1M3J2E2A1,ALX,CL5S,4,12,7,12,840,15,40,MEPDG,0.31854610000000,0.01729743000000
C4B1H1S1P2L1M3J2E2A2,ALX,CL5S,4,12,7,12,840,15,40,MNAVG,0.16506570000000,0.00267737000000
C4B1H1S1P2L1M3J2E2A3,ALX,CL5S,4,12,7,12,840,15,40,MNHVY,0.29883800000000,0.02914895000000
C4B1H1S1P2L2M1J1E1A1,ALX,CL5S,4,12,7,13,340,12,10,MEPDG,7.54818100000000,0.32318070000000
C4B1H1S1P2L2M1J1E1A2,ALX,CL5S,4,12,7,13,340,12,10,MNAVG,5.26693200000000,0.04770573000000
C4B1H1S1P2L2M1J1E1A3,ALX,CL5S,4,12,7,13,340,12,10,MNHVY,9.18055700000000,0.51405060000000
C4B1H1S1P2L2M1J1E2A1,ALX,CL5S,4,12,7,13,340,12,40,MEPDG,7.54818100000000,0.32318070000000
C4B1H1S1P2L2M1J1E2A2,ALX,CL5S,4,12,7,13,340,12,40,MNAVG,5.26693200000000,0.04770573000000
C4B1H1S1P2L2M1J1E2A3,ALX,CL5S,4,12,7,13,340,12,40,MNHVY,9.18055700000000,0.51405060000000
C4B1H1S1P2L2M1J2E1A1,ALX,CL5S,4,12,7,13,340,15,10,MEPDG,11.8545700000000,0.61211830000000
C4B1H1S1P2L2M1J2E1A2,ALX,CL5S,4,12,7,13,340,15,10,MNAVG,9.12604900000000,0.12541140000000
C4B1H1S1P2L2M1J2E1A3,ALX,CL5S,4,12,7,13,340,15,10,MNHVY,16.4691000000000,1.15261800000000
C4B1H1S1P2L2M1J2E2A1,ALX,CL5S,4,12,7,13,340,15,40,MEPDG,11.8545700000000,0.61211830000000
C4B1H1S1P2L2M1J2E2A2,ALX,CL5S,4,12,7,13,340,15,40,MNAVG,9.12604900000000,0.12541140000000
C4B1H1S1P2L2M1J2E2A3,ALX,CL5S,4,12,7,13,340,15,40,MNHVY,16.4691000000000,1.15261800000000
C4B1H1S1P2L2M2J1E1A1,ALX,CL5S,4,12,7,13,590,12,10,MEPDG,0.26521080000000,0.01715609000000
C4B1H1S1P2L2M2J1E1A2,ALX,CL5S,4,12,7,13,590,12,10,MNAVG,0.13006560000000,0.00207314400000
C4B1H1S1P2L2M2J1E1A3,ALX,CL5S,4,12,7,13,590,12,10,MNHVY,0.19860690000000,0.02395833000000
C4B1H1S1P2L2M2J1E2A1,ALX,CL5S,4,12,7,13,590,12,40,MEPDG,0.26521080000000,0.01715609000000
C4B1H1S1P2L2M2J1E2A2,ALX,CL5S,4,12,7,13,590,12,40,MNAVG,0.13006560000000,0.00207314400000
C4B1H1S1P2L2M2J1E2A3,ALX,CL5S,4,12,7,13,590,12,40,MNHVY,0.19860690000000,0.02395833000000
C4B1H1S1P2L2M2J2E1A1,ALX,CL5S,4,12,7,13,590,15,10,MEPDG,0.71939470000000,0.06931383000000
```

```
C4B1H1S1P2L2M2J2E1A2,ALX,CL5S,4,12,7,13,590,15,10,MNAVG,0.45834740000000,0.01309302000000
C4B1H1S1P2L2M2J2E1A3,ALX,CL5S,4,12,7,13,590,15,10,MNHVY,0.81090500000000,0.12781120000000
C4B1H1S1P2L2M2J2E2A1,ALX,CL5S,4,12,7,13,590,15,40,MEPDG,0.71939470000000,0.06931383000000
C4B1H1S1P2L2M2J2E2A2,ALX,CL5S,4,12,7,13,590,15,40,MNAVG,0.45834740000000,0.01309302000000
C4B1H1S1P2L2M2J2E2A3,ALX,CL5S,4,12,7,13,590,15,40,MNHVY,0.81090500000000,0.12781120000000
C4B1H1S1P2L2M3J1E1A1,ALX,CL5S,4,12,7,13,840,12,10,MEPDG,0.01703827000000,0.00109176300000
C4B1H1S1P2L2M3J1E1A2,ALX,CL5S,4,12,7,13,840,12,10,MNAVG,0.00624683000000,0.00009243763000
C4B1H1S1P2L2M3J1E1A3,ALX,CL5S,4,12,7,13,840,12,10,MNHVY,0.00842460100000,0.00117899900000
C4B1H1S1P2L2M3J1E2A1,ALX,CL5S,4,12,7,13,840,12,40,MEPDG,0.01703827000000,0.00109176300000
C4B1H1S1P2L2M3J1E2A2,ALX,CL5S,4,12,7,13,840,12,40,MNAVG,0.00624683000000,0.00009243763000
C4B1H1S1P2L2M3J1E2A3,ALX,CL5S,4,12,7,13,840,12,40,MNHVY,0.00842460100000,0.00117899900000
C4B1H1S1P2L2M3J2E1A1,ALX,CL5S,4,12,7,13,840,15,10,MEPDG,0.07486050000000,0.00708601500000
C4B1H1S1P2L2M3J2E1A2,ALX,CL5S,4,12,7,13,840,15,10,MNAVG,0.03877833000000,0.00111294000000
C4B1H1S1P2L2M3J2E1A3,ALX,CL5S,4,12,7,13,840,15,10,MNHVY,0.07043666000000,0.01208286000000
C4B1H1S1P2L2M3J2E2A1,ALX,CL5S,4,12,7,13,840,15,40,MEPDG,0.07486050000000,0.00708601500000
C4B1H1S1P2L2M3J2E2A2,ALX,CL5S,4,12,7,13,840,15,40,MNAVG,0.03877833000000,0.00111294000000
C4B1H1S1P2L2M3J2E2A3,ALX,CL5S,4,12,7,13,840,15,40,MNHVY,0.07043666000000,0.01208286000000
C4B1H1S1P3L1M1J1E1A1,ALX,CL5S,4,12,8,12,340,12,10,MEPDG,16.78206000000000,1.02847900000000
C4B1H1S1P3L1M1J1E1A2,ALX,CL5S,4,12,8,12,340,12,10,MNAVG,10.70157000000000,0.16457160000000
C4B1H1S1P3L1M1J1E1A3,ALX,CL5S,4,12,8,12,340,12,10,MNHVY,18.17702000000000,1.77777000000000
C4B1H1S1P3L1M1J1E2A1,ALX,CL5S,4,12,8,12,340,12,40,MEPDG,8.87797800000000,0.56870730000000
C4B1H1S1P3L1M1J1E2A2,ALX,CL5S,4,12,8,12,340,12,40,MNAVG,5.52039300000000,0.08562445000000
C4B1H1S1P3L1M1J1E2A3,ALX,CL5S,4,12,8,12,340,12,40,MNHVY,9.12991700000000,0.93984590000000
C4B1H1S1P3L1M1J2E1A1,ALX,CL5S,4,12,8,12,340,15,10,MEPDG,31.65094000000000,2.16091600000000
C4B1H1S1P3L1M1J2E1A2,ALX,CL5S,4,12,8,12,340,15,10,MNAVG,23.15758000000000,0.44296090000000
C4B1H1S1P3L1M1J2E1A3,ALX,CL5S,4,12,8,12,340,15,10,MNHVY,42.31070000000000,4.18495200000000
C4B1H1S1P3L1M1J2E2A1,ALX,CL5S,4,12,8,12,340,15,40,MEPDG,18.06249000000000,1.24066100000000
C4B1H1S1P3L1M1J2E2A2,ALX,CL5S,4,12,8,12,340,15,40,MNAVG,13.15824000000000,0.25033720000000
C4B1H1S1P3L1M1J2E2A3,ALX,CL5S,4,12,8,12,340,15,40,MNHVY,23.67950000000000,2.37967800000000
C4B1H1S1P3L1M2J1E1A1,ALX,CL5S,4,12,8,12,590,12,10,MEPDG,0.50401250000000,0.03927023000000
C4B1H1S1P3L1M2J1E1A2,ALX,CL5S,4,12,8,12,590,12,10,MNAVG,0.19192580000000,0.00539331100000
C4B1H1S1P3L1M2J1E1A3,ALX,CL5S,4,12,8,12,590,12,10,MNHVY,0.29484990000000,0.06268910000000
C4B1H1S1P3L1M2J1E2A1,ALX,CL5S,4,12,8,12,590,12,40,MEPDG,0.20741810000000,0.01943110000000
C4B1H1S1P3L1M2J1E2A2,ALX,CL5S,4,12,8,12,590,12,40,MNAVG,0.08014490000000,0.00239599200000
C4B1H1S1P3L1M2J1E2A3,ALX,CL5S,4,12,8,12,590,12,40,MNHVY,0.11322950000000,0.02853660000000
C4B1H1S1P3L1M2J2E1A1,ALX,CL5S,4,12,8,12,590,15,10,MEPDG,1.70796800000000,0.18388880000000
C4B1H1S1P3L1M2J2E1A2,ALX,CL5S,4,12,8,12,590,15,10,MNAVG,0.88058270000000,0.03513961000000
C4B1H1S1P3L1M2J2E1A3,ALX,CL5S,4,12,8,12,590,15,10,MNHVY,1.70546500000000,0.35451600000000
C4B1H1S1P3L1M2J2E2A1,ALX,CL5S,4,12,8,12,590,15,40,MEPDG,0.79839920000000,0.09229061000000
C4B1H1S1P3L1M2J2E2A2,ALX,CL5S,4,12,8,12,590,15,40,MNAVG,0.42644510000000,0.01701126000000
C4B1H1S1P3L1M2J2E2A3,ALX,CL5S,4,12,8,12,590,15,40,MNHVY,0.77628920000000,0.17361080000000
C4B1H1S1P3L1M3J1E1A1,ALX,CL5S,4,12,8,12,840,12,10,MEPDG,0.02747757000000,0.00190167400000
C4B1H1S1P3L1M3J1E1A2,ALX,CL5S,4,12,8,12,840,12,10,MNAVG,0.00754570400000,0.00019875410000
C4B1H1S1P3L1M3J1E1A3,ALX,CL5S,4,12,8,12,840,12,10,MNHVY,0.00986093600000,0.00249373700000
C4B1H1S1P3L1M3J1E2A1,ALX,CL5S,4,12,8,12,840,12,40,MEPDG,0.00927134100000,0.00091925330000
C4B1H1S1P3L1M3J1E2A2,ALX,CL5S,4,12,8,12,840,12,40,MNAVG,0.00276597400000,0.00008194795000
C4B1H1S1P3L1M3J1E2A3,ALX,CL5S,4,12,8,12,840,12,40,MNHVY,0.00330845200000,0.00105853500000
C4B1H1S1P3L1M3J2E1A1,ALX,CL5S,4,12,8,12,840,15,10,MEPDG,0.15162860000000,0.01589618000000
C4B1H1S1P3L1M3J2E1A2,ALX,CL5S,4,12,8,12,840,15,10,MNAVG,0.05562046000000,0.00260372200000
C4B1H1S1P3L1M3J2E1A3,ALX,CL5S,4,12,8,12,840,15,10,MNHVY,0.11309650000000,0.02896890000000
```

```
C4B1H1S1P3L1M3J2E2A1,ALX,CL5S,4,12,8,12,840,15,40,MEPDG,0.05869050000000,0.00722363900000
C4B1H1S1P3L1M3J2E2A2,ALX,CL5S,4,12,8,12,840,15,40,MNAVG,0.02300873000000,0.00110522400000
C4B1H1S1P3L1M3J2E2A3,ALX,CL5S,4,12,8,12,840,15,40,MNHVY,0.04202207000000,0.01253571000000
C4B1H1S1P3L2M1J1E1A1,ALX,CL5S,4,12,8,13,340,12,10,MEPDG,2.15309600000000,0.23479830000000
C4B1H1S1P3L2M1J1E1A2,ALX,CL5S,4,12,8,13,340,12,10,MNAVG,1.29492300000000,0.03698607000000
C4B1H1S1P3L2M1J1E1A3,ALX,CL5S,4,12,8,13,340,12,10,MNHVY,2.14318600000000,0.39693490000000
C4B1H1S1P3L2M1J1E2A1,ALX,CL5S,4,12,8,13,340,12,40,MEPDG,2.15309600000000,0.23479830000000
C4B1H1S1P3L2M1J1E2A2,ALX,CL5S,4,12,8,13,340,12,40,MNAVG,1.29492300000000,0.03698607000000
C4B1H1S1P3L2M1J1E2A3,ALX,CL5S,4,12,8,13,340,12,40,MNHVY,2.14318600000000,0.39693490000000
C4B1H1S1P3L2M1J2E1A1,ALX,CL5S,4,12,8,13,340,15,10,MEPDG,4.71861300000000,0.61227720000000
C4B1H1S1P3L2M1J2E1A2,ALX,CL5S,4,12,8,13,340,15,10,MNAVG,3.40271500000000,0.12860510000000
C4B1H1S1P3L2M1J2E1A3,ALX,CL5S,4,12,8,13,340,15,10,MNHVY,6.12525900000000,1.18611500000000
C4B1H1S1P3L2M1J2E2A1,ALX,CL5S,4,12,8,13,340,15,40,MEPDG,4.71861300000000,0.61227720000000
C4B1H1S1P3L2M1J2E2A2,ALX,CL5S,4,12,8,13,340,15,40,MNAVG,3.40271500000000,0.12860510000000
C4B1H1S1P3L2M1J2E2A3,ALX,CL5S,4,12,8,13,340,15,40,MNHVY,6.12525900000000,1.18611500000000
C4B1H1S1P3L2M2J1E1A1,ALX,CL5S,4,12,8,13,590,12,10,MEPDG,0.04480565000000,0.00735038900000
C4B1H1S1P3L2M2J1E1A2,ALX,CL5S,4,12,8,13,590,12,10,MNAVG,0.01701486000000,0.00093661310000
C4B1H1S1P3L2M2J1E1A3,ALX,CL5S,4,12,8,13,590,12,10,MNHVY,0.02366962000000,0.01098882000000
C4B1H1S1P3L2M2J1E2A1,ALX,CL5S,4,12,8,13,590,12,40,MEPDG,0.04480565000000,0.00735038900000
C4B1H1S1P3L2M2J1E2A2,ALX,CL5S,4,12,8,13,590,12,40,MNAVG,0.01701486000000,0.00093661310000
C4B1H1S1P3L2M2J1E2A3,ALX,CL5S,4,12,8,13,590,12,40,MNHVY,0.02366962000000,0.01098882000000
C4B1H1S1P3L2M2J2E1A1,ALX,CL5S,4,12,8,13,590,15,10,MEPDG,0.19177460000000,0.04237159000000
C4B1H1S1P3L2M2J2E1A2,ALX,CL5S,4,12,8,13,590,15,10,MNAVG,0.10243680000000,0.00802564500000
C4B1H1S1P3L2M2J2E1A3,ALX,CL5S,4,12,8,13,590,15,10,MNHVY,0.18569620000000,0.08075511000000
C4B1H1S1P3L2M2J2E2A1,ALX,CL5S,4,12,8,13,590,15,40,MEPDG,0.19177460000000,0.04237159000000
C4B1H1S1P3L2M2J2E2A2,ALX,CL5S,4,12,8,13,590,15,40,MNAVG,0.10243680000000,0.00802564500000
C4B1H1S1P3L2M2J2E2A3,ALX,CL5S,4,12,8,13,590,15,40,MNHVY,0.18569620000000,0.08075511000000
C4B1H1S1P3L2M3J1E1A1,ALX,CL5S,4,12,8,13,840,12,10,MEPDG,0.00182224400000,0.00032318900000
C4B1H1S1P3L2M3J1E1A2,ALX,CL5S,4,12,8,13,840,12,10,MNAVG,0.00054936450000,0.00002904982000
C4B1H1S1P3L2M3J1E1A3,ALX,CL5S,4,12,8,13,840,12,10,MNHVY,0.00064033900000,0.00037294010000
C4B1H1S1P3L2M3J1E2A1,ALX,CL5S,4,12,8,13,840,12,40,MEPDG,0.00182224400000,0.00032318900000
C4B1H1S1P3L2M3J1E2A2,ALX,CL5S,4,12,8,13,840,12,40,MNAVG,0.00054936450000,0.00002904982000
C4B1H1S1P3L2M3J1E2A3,ALX,CL5S,4,12,8,13,840,12,40,MNHVY,0.00064033900000,0.00037294010000
C4B1H1S1P3L2M3J2E1A1,ALX,CL5S,4,12,8,13,840,15,10,MEPDG,0.01294010000000,0.00306109900000
C4B1H1S1P3L2M3J2E1A2,ALX,CL5S,4,12,8,13,840,15,10,MNAVG,0.00509701500000,0.00047883270000
C4B1H1S1P3L2M3J2E1A3,ALX,CL5S,4,12,8,13,840,15,10,MNHVY,0.00920206000000,0.00536944600000
C4B1H1S1P3L2M3J2E2A1,ALX,CL5S,4,12,8,13,840,15,40,MEPDG,0.01294010000000,0.00306109900000
C4B1H1S1P3L2M3J2E2A2,ALX,CL5S,4,12,8,13,840,15,40,MNAVG,0.00509701500000,0.00047883270000
C4B1H1S1P3L2M3J2E2A3,ALX,CL5S,4,12,8,13,840,15,40,MNHVY,0.00920206000000,0.00536944600000
C4B1H1S1P4L1M1J1E1A1,ALX,CL5S,4,12,9,12,340,12,10,MEPDG,4.94240500000000,0.61385340000000
C4B1H1S1P4L1M1J1E1A2,ALX,CL5S,4,12,9,12,340,12,10,MNAVG,2.50471100000000,0.09828421000000
C4B1H1S1P4L1M1J1E1A3,ALX,CL5S,4,12,9,12,340,12,10,MNHVY,4.17711500000000,1.09852300000000
C4B1H1S1P4L1M1J1E2A1,ALX,CL5S,4,12,9,12,340,12,40,MEPDG,2.35653700000000,0.33495440000000
C4B1H1S1P4L1M1J1E2A2,ALX,CL5S,4,12,9,12,340,12,40,MNAVG,1.18607200000000,0.05071260000000
C4B1H1S1P4L1M1J1E2A3,ALX,CL5S,4,12,9,12,340,12,40,MNHVY,1.86087500000000,0.57301020000000
C4B1H1S1P4L1M1J2E1A1,ALX,CL5S,4,12,9,12,340,15,10,MEPDG,12.39496000000000,1.66116300000000
C4B1H1S1P4L1M1J2E1A2,ALX,CL5S,4,12,9,12,340,15,10,MNAVG,7.84456800000000,0.33696720000000
C4B1H1S1P4L1M1J2E1A3,ALX,CL5S,4,12,9,12,340,15,10,MNHVY,14.88805000000000,3.28994700000000
C4B1H1S1P4L1M1J2E2A1,ALX,CL5S,4,12,9,12,340,15,40,MEPDG,6.55316900000000,0.94868280000000
C4B1H1S1P4L1M1J2E2A2,ALX,CL5S,4,12,9,12,340,15,40,MNAVG,4.22677700000000,0.18972580000000
```

```
C4B1H1S1P4L1M1J2E2A3,ALX,CL5S,4,12,9,12,340,15,40,MNHVY,7.70142500000000,1.85511100000000
C4B1H1S1P4L1M2J1E1A1,ALX,CL5S,4,12,9,12,590,12,10,MEPDG,0.08830523000000,0.01439147000000
C4B1H1S1P4L1M2J1E1A2,ALX,CL5S,4,12,9,12,590,12,10,MNAVG,0.02502554000000,0.00189689400000
C4B1H1S1P4L1M2J1E1A3,ALX,CL5S,4,12,9,12,590,12,10,MNHVY,0.03449731000000,0.02293617000000
C4B1H1S1P4L1M2J1E2A1,ALX,CL5S,4,12,9,12,590,12,40,MEPDG,0.03129433000000,0.00729965400000
C4B1H1S1P4L1M2J1E2A2,ALX,CL5S,4,12,9,12,590,12,40,MNAVG,0.00947622200000,0.00087816640000
C4B1H1S1P4L1M2J1E2A3,ALX,CL5S,4,12,9,12,590,12,40,MNHVY,0.01164817000000,0.01082509000000
C4B1H1S1P4L1M2J2E1A1,ALX,CL5S,4,12,9,12,590,15,10,MEPDG,0.42422700000000,0.09302890000000
C4B1H1S1P4L1M2J2E1A2,ALX,CL5S,4,12,9,12,590,15,10,MNAVG,0.16634830000000,0.01701645000000
C4B1H1S1P4L1M2J2E1A3,ALX,CL5S,4,12,9,12,590,15,10,MNHVY,0.33103580000000,0.18194980000000
C4B1H1S1P4L1M2J2E2A1,ALX,CL5S,4,12,9,12,590,15,40,MEPDG,0.17507880000000,0.04726648000000
C4B1H1S1P4L1M2J2E2A2,ALX,CL5S,4,12,9,12,590,15,40,MNAVG,0.07302462000000,0.00838779500000
C4B1H1S1P4L1M2J2E2A3,ALX,CL5S,4,12,9,12,590,15,40,MNHVY,0.13156350000000,0.09022605000000
C4B1H1S1P4L1M3J1E1A1,ALX,CL5S,4,12,9,12,840,12,10,MEPDG,0.00319714700000,0.00048676400000
C4B1H1S1P4L1M3J1E1A2,ALX,CL5S,4,12,9,12,840,12,10,MNAVG,0.00074470020000,0.00004680520000
C4B1H1S1P4L1M3J1E1A3,ALX,CL5S,4,12,9,12,840,12,10,MNHVY,0.00080794030000,0.00060896450000
C4B1H1S1P4L1M3J1E2A1,ALX,CL5S,4,12,9,12,840,12,40,MEPDG,0.00087563560000,0.00025371600000
C4B1H1S1P4L1M3J1E2A2,ALX,CL5S,4,12,9,12,840,12,40,MNAVG,0.00023834270000,0.00002140758000
C4B1H1S1P4L1M3J1E2A3,ALX,CL5S,4,12,9,12,840,12,40,MNHVY,0.00022736630000,0.00028348800000
C4B1H1S1P4L1M3J2E1A1,ALX,CL5S,4,12,9,12,840,15,10,MEPDG,0.02406022000000,0.00582345400000
C4B1H1S1P4L1M3J2E1A2,ALX,CL5S,4,12,9,12,840,15,10,MNAVG,0.00633675400000,0.00089058780000
C4B1H1S1P4L1M3J2E1A3,ALX,CL5S,4,12,9,12,840,15,10,MNHVY,0.01213761000000,0.01045862000000
C4B1H1S1P4L1M3J2E2A1,ALX,CL5S,4,12,9,12,840,15,40,MEPDG,0.00798458500000,0.00275009200000
C4B1H1S1P4L1M3J2E2A2,ALX,CL5S,4,12,9,12,840,15,40,MNAVG,0.00234912800000,0.00039653840000
C4B1H1S1P4L1M3J2E2A3,ALX,CL5S,4,12,9,12,840,15,40,MNHVY,0.00389113200000,0.00472265800000
C4B1H1S1P4L2M1J1E1A1,ALX,CL5S,4,12,9,13,340,12,10,MEPDG,0.54678140000000,0.14105000000000
C4B1H1S1P4L2M1J1E1A2,ALX,CL5S,4,12,9,13,340,12,10,MNAVG,0.26725310000000,0.02216216000000
C4B1H1S1P4L2M1J1E1A3,ALX,CL5S,4,12,9,13,340,12,10,MNHVY,0.41537480000000,0.24582590000000
C4B1H1S1P4L2M1J1E2A1,ALX,CL5S,4,12,9,13,340,12,40,MEPDG,0.54678140000000,0.14105000000000
C4B1H1S1P4L2M1J1E2A2,ALX,CL5S,4,12,9,13,340,12,40,MNAVG,0.26725310000000,0.02216216000000
C4B1H1S1P4L2M1J1E2A3,ALX,CL5S,4,12,9,13,340,12,40,MNHVY,0.41537480000000,0.24582590000000
C4B1H1S1P4L2M1J2E1A1,ALX,CL5S,4,12,9,13,340,15,10,MEPDG,1.67016200000000,0.48212020000000
C4B1H1S1P4L2M1J2E1A2,ALX,CL5S,4,12,9,13,340,15,10,MNAVG,1.07258500000000,0.09979788000000
C4B1H1S1P4L2M1J2E1A3,ALX,CL5S,4,12,9,13,340,15,10,MNHVY,1.94424700000000,0.95287320000000
C4B1H1S1P4L2M1J2E2A1,ALX,CL5S,4,12,9,13,340,15,40,MEPDG,1.67016200000000,0.48212020000000
C4B1H1S1P4L2M1J2E2A2,ALX,CL5S,4,12,9,13,340,15,40,MNAVG,1.07258500000000,0.09979788000000
C4B1H1S1P4L2M1J2E2A3,ALX,CL5S,4,12,9,13,340,15,40,MNHVY,1.94424700000000,0.95287320000000
C4B1H1S1P4L2M2J1E1A1,ALX,CL5S,4,12,9,13,590,12,10,MEPDG,0.00632884500000,0.00280572700000
C4B1H1S1P4L2M2J1E1A2,ALX,CL5S,4,12,9,13,590,12,10,MNAVG,0.00192690500000,0.00034647260000
C4B1H1S1P4L2M2J1E1A3,ALX,CL5S,4,12,9,13,590,12,10,MNHVY,0.00229701800000,0.00421886900000
C4B1H1S1P4L2M2J1E2A1,ALX,CL5S,4,12,9,13,590,12,40,MEPDG,0.00632884500000,0.00280572700000
C4B1H1S1P4L2M2J1E2A2,ALX,CL5S,4,12,9,13,590,12,40,MNAVG,0.00192690500000,0.00034647260000
C4B1H1S1P4L2M2J1E2A3,ALX,CL5S,4,12,9,13,590,12,40,MNHVY,0.00229701800000,0.00421886900000
C4B1H1S1P4L2M2J2E1A1,ALX,CL5S,4,12,9,13,590,15,10,MEPDG,0.03969932000000,0.02205295000000
C4B1H1S1P4L2M2J2E1A2,ALX,CL5S,4,12,9,13,590,15,10,MNAVG,0.01662967000000,0.00401716200000
C4B1H1S1P4L2M2J2E1A3,ALX,CL5S,4,12,9,13,590,15,10,MNHVY,0.02947704000000,0.04252029000000
C4B1H1S1P4L2M2J2E2A1,ALX,CL5S,4,12,9,13,590,15,40,MEPDG,0.03969932000000,0.02205295000000
C4B1H1S1P4L2M2J2E2A2,ALX,CL5S,4,12,9,13,590,15,40,MNAVG,0.01662967000000,0.00401716200000
C4B1H1S1P4L2M2J2E2A3,ALX,CL5S,4,12,9,13,590,15,40,MNHVY,0.02947704000000,0.04252029000000
C4B1H1S1P4L2M3J1E1A1,ALX,CL5S,4,12,9,13,840,12,10,MEPDG,0.00016325670000,0.00009276967000
```

```
C4B1H1S1P4L2M3J1E1A2,ALX,CL5S,4,12,9,13,840,12,10,MNAVG,0.00004577199000,0.00000784046600
C4B1H1S1P4L2M3J1E1A3,ALX,CL5S,4,12,9,13,840,12,10,MNHVY,0.00004339616000,0.00010342930000
C4B1H1S1P4L2M3J1E2A1,ALX,CL5S,4,12,9,13,840,12,40,MEPDG,0.00016325670000,0.00009276967000
C4B1H1S1P4L2M3J1E2A2,ALX,CL5S,4,12,9,13,840,12,40,MNAVG,0.00004577199000,0.00000784046600
C4B1H1S1P4L2M3J1E2A3,ALX,CL5S,4,12,9,13,840,12,40,MNHVY,0.00004339616000,0.00010342930000
C4B1H1S1P4L2M3J2E1A1,ALX,CL5S,4,12,9,13,840,15,10,MEPDG,0.00163351900000,0.00118765500000
C4B1H1S1P4L2M3J2E1A2,ALX,CL5S,4,12,9,13,840,15,10,MNAVG,0.00048898770000,0.00017506550000
C4B1H1S1P4L2M3J2E1A3,ALX,CL5S,4,12,9,13,840,15,10,MNHVY,0.00078775150000,0.00205900700000
C4B1H1S1P4L2M3J2E2A1,ALX,CL5S,4,12,9,13,840,15,40,MEPDG,0.00163351900000,0.00118765500000
C4B1H1S1P4L2M3J2E2A2,ALX,CL5S,4,12,9,13,840,15,40,MNAVG,0.00048898770000,0.00017506550000
C4B1H1S1P4L2M3J2E2A3,ALX,CL5S,4,12,9,13,840,15,40,MNHVY,0.00078775150000,0.00205900700000
C4B1H1S1P5L1M1J1E1A1,ALX,CL5S,4,12,10,12,340,12,10,MEPDG,1.33939400000000,0.33255700000000
C4B1H1S1P5L1M1J1E1A2,ALX,CL5S,4,12,10,12,340,12,10,MNAVG,0.51783230000000,0.05019825000000
C4B1H1S1P5L1M1J1E1A3,ALX,CL5S,4,12,10,12,340,12,10,MNHVY,0.82934870000000,0.59129540000000
C4B1H1S1P5L1M1J1E2A1,ALX,CL5S,4,12,10,12,340,12,40,MEPDG,0.57159590000000,0.18322180000000
C4B1H1S1P5L1M1J1E2A2,ALX,CL5S,4,12,10,12,340,12,40,MNAVG,0.22445050000000,0.02627850000000
C4B1H1S1P5L1M1J1E2A3,ALX,CL5S,4,12,10,12,340,12,40,MNHVY,0.32720130000000,0.31232960000000
C4B1H1S1P5L1M1J2E1A1,ALX,CL5S,4,12,10,12,340,15,10,MEPDG,4.34425900000000,1.12514000000000
C4B1H1S1P5L1M1J2E1A2,ALX,CL5S,4,12,10,12,340,15,10,MNAVG,2.26998600000000,0.21792860000000
C4B1H1S1P5L1M1J2E1A3,ALX,CL5S,4,12,10,12,340,15,10,MNHVY,4.43831300000000,2.24813700000000
C4B1H1S1P5L1M1J2E2A1,ALX,CL5S,4,12,10,12,340,15,40,MEPDG,2.10050100000000,0.64508550000000
C4B1H1S1P5L1M1J2E2A2,ALX,CL5S,4,12,10,12,340,15,40,MNAVG,1.14199200000000,0.12361070000000
C4B1H1S1P5L1M1J2E2A3,ALX,CL5S,4,12,10,12,340,15,40,MNHVY,2.08698200000000,1.27108900000000
C4B1H1S1P5L1M2J1E1A1,ALX,CL5S,4,12,10,12,590,12,10,MEPDG,0.01423630000000,0.00502911700000
C4B1H1S1P5L1M2J1E1A2,ALX,CL5S,4,12,10,12,590,12,10,MNAVG,0.00330221200000,0.00058763320000
C4B1H1S1P5L1M2J1E1A3,ALX,CL5S,4,12,10,12,590,12,10,MNHVY,0.00387620600000,0.00753588100000
C4B1H1S1P5L1M2J1E2A1,ALX,CL5S,4,12,10,12,590,12,40,MEPDG,0.00434413300000,0.00269717700000
C4B1H1S1P5L1M2J1E2A2,ALX,CL5S,4,12,10,12,590,12,40,MNAVG,0.00115353000000,0.00029535560000
C4B1H1S1P5L1M2J1E2A3,ALX,CL5S,4,12,10,12,590,12,40,MNHVY,0.00119710400000,0.00380670300000
C4B1H1S1P5L1M2J2E1A1,ALX,CL5S,4,12,10,12,590,15,10,MEPDG,0.08643936000000,0.04286736000000
C4B1H1S1P5L1M2J2E1A2,ALX,CL5S,4,12,10,12,590,15,10,MNAVG,0.02495456000000,0.00720151900000
C4B1H1S1P5L1M2J2E1A3,ALX,CL5S,4,12,10,12,590,15,10,MNHVY,0.04720577000000,0.08217479000000
C4B1H1S1P5L1M2J2E2A1,ALX,CL5S,4,12,10,12,590,15,40,MEPDG,0.03119696000000,0.02230015000000
C4B1H1S1P5L1M2J2E2A2,ALX,CL5S,4,12,10,12,590,15,40,MNAVG,0.00990153200000,0.00365792300000
C4B1H1S1P5L1M2J2E2A3,ALX,CL5S,4,12,10,12,590,15,40,MNHVY,0.01637584000000,0.04181427000000
C4B1H1S1P5L1M3J1E1A1,ALX,CL5S,4,12,10,12,840,12,10,MEPDG,0.00038465280000,0.00013987200000
C4B1H1S1P5L1M3J1E1A2,ALX,CL5S,4,12,10,12,840,12,10,MNAVG,0.00008123738000,0.00001193387000
C4B1H1S1P5L1M3J1E1A3,ALX,CL5S,4,12,10,12,840,12,10,MNHVY,0.00007410324000,0.00016386350000
C4B1H1S1P5L1M3J1E2A1,ALX,CL5S,4,12,10,12,840,12,40,MEPDG,0.00008908983000,0.00007861974000
C4B1H1S1P5L1M3J1E2A2,ALX,CL5S,4,12,10,12,840,12,40,MNAVG,0.00002327307000,0.00000613818600
C4B1H1S1P5L1M3J1E2A3,ALX,CL5S,4,12,10,12,840,12,40,MNHVY,0.00001875432000,0.00008407667000
C4B1H1S1P5L1M3J2E1A1,ALX,CL5S,4,12,10,12,840,15,10,MEPDG,0.00314718400000,0.00210017500000
C4B1H1S1P5L1M3J2E1A2,ALX,CL5S,4,12,10,12,840,15,10,MNAVG,0.00063684150000,0.00029269380000
C4B1H1S1P5L1M3J2E1A3,ALX,CL5S,4,12,10,12,840,15,10,MNHVY,0.00100872800000,0.00361791800000
C4B1H1S1P5L1M3J2E2A1,ALX,CL5S,4,12,10,12,840,15,40,MEPDG,0.00089232970000,0.00105811800000
C4B1H1S1P5L1M3J2E2A2,ALX,CL5S,4,12,10,12,840,15,40,MNAVG,0.00021274770000,0.00014171370000
C4B1H1S1P5L1M3J2E2A3,ALX,CL5S,4,12,10,12,840,15,40,MNHVY,0.00028692200000,0.00175955000000
C4B1H1S1P5L2M1J1E1A1,ALX,CL5S,4,12,10,13,340,12,10,MEPDG,0.12616840000000,0.07846619000000
C4B1H1S1P5L2M1J1E1A2,ALX,CL5S,4,12,10,13,340,12,10,MNAVG,0.04854796000000,0.01162794000000
C4B1H1S1P5L2M1J1E1A3,ALX,CL5S,4,12,10,13,340,12,10,MNHVY,0.06923838000000,0.13591220000000
```

```
C4B1H1S1P5L2M1J1E2A1,ALX,CL5S,4,12,10,13,340,12,40,MEPDG,0.12616840000000,0.07846619000000
C4B1H1S1P5L2M1J1E2A2,ALX,CL5S,4,12,10,13,340,12,40,MNAVG,0.04854796000000,0.01162794000000
C4B1H1S1P5L2M1J1E2A3,ALX,CL5S,4,12,10,13,340,12,40,MNHVY,0.06923838000000,0.13591220000000
C4B1H1S1P5L2M1J2E1A1,ALX,CL5S,4,12,10,13,340,15,10,MEPDG,0.51406070000000,0.33151080000000
C4B1H1S1P5L2M1J2E1A2,ALX,CL5S,4,12,10,13,340,15,10,MNAVG,0.27918140000000,0.06561037000000
C4B1H1S1P5L2M1J2E1A3,ALX,CL5S,4,12,10,13,340,15,10,MNHVY,0.50404000000000,0.65984170000000
C4B1H1S1P5L2M1J2E2A1,ALX,CL5S,4,12,10,13,340,15,40,MEPDG,0.51406070000000,0.33151080000000
C4B1H1S1P5L2M1J2E2A2,ALX,CL5S,4,12,10,13,340,15,40,MNAVG,0.27918140000000,0.06561037000000
C4B1H1S1P5L2M1J2E2A3,ALX,CL5S,4,12,10,13,340,15,40,MNHVY,0.50404000000000,0.65984170000000
C4B1H1S1P5L2M2J1E1A1,ALX,CL5S,4,12,10,13,590,12,10,MEPDG,0.00082195140000,0.00107127000000
C4B1H1S1P5L2M2J1E1A2,ALX,CL5S,4,12,10,13,590,12,10,MNAVG,0.00022509240000,0.00012005540000
C4B1H1S1P5L2M2J1E1A3,ALX,CL5S,4,12,10,13,590,12,10,MNHVY,0.00022480770000,0.00153438000000
C4B1H1S1P5L2M2J1E2A1,ALX,CL5S,4,12,10,13,590,12,40,MEPDG,0.00082195140000,0.00107127000000
C4B1H1S1P5L2M2J1E2A2,ALX,CL5S,4,12,10,13,590,12,40,MNAVG,0.00022509240000,0.00012005540000
C4B1H1S1P5L2M2J1E2A3,ALX,CL5S,4,12,10,13,590,12,40,MNHVY,0.00022480770000,0.00153438000000
C4B1H1S1P5L2M2J2E1A1,ALX,CL5S,4,12,10,13,590,15,10,MEPDG,0.00661249500000,0.01055675000000
C4B1H1S1P5L2M2J2E1A2,ALX,CL5S,4,12,10,13,590,15,10,MNAVG,0.00212741200000,0.00178047600000
C4B1H1S1P5L2M2J2E1A3,ALX,CL5S,4,12,10,13,590,15,10,MNHVY,0.00341129400000,0.02000906000000
C4B1H1S1P5L2M2J2E2A1,ALX,CL5S,4,12,10,13,590,15,40,MEPDG,0.00661249500000,0.01055675000000
C4B1H1S1P5L2M2J2E2A2,ALX,CL5S,4,12,10,13,590,15,40,MNAVG,0.00212741200000,0.00178047600000
C4B1H1S1P5L2M2J2E2A3,ALX,CL5S,4,12,10,13,590,15,40,MNHVY,0.00341129400000,0.02000906000000
C4B1H1S1P5L2M3J1E1A1,ALX,CL5S,4,12,10,13,840,12,10,MEPDG,0.00001548782000,0.00003023917000
C4B1H1S1P5L2M3J1E1A2,ALX,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000421258000,0.00000238646000
C4B1H1S1P5L2M3J1E1A3,ALX,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000335005700,0.00003258474000
C4B1H1S1P5L2M3J1E2A1,ALX,CL5S,4,12,10,13,840,12,40,MEPDG,0.00001548782000,0.00003023917000
C4B1H1S1P5L2M3J1E2A2,ALX,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000421258000,0.00000238646000
C4B1H1S1P5L2M3J1E2A3,ALX,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000335005700,0.00003258474000
C4B1H1S1P5L2M3J2E1A1,ALX,CL5S,4,12,10,13,840,15,10,MEPDG,0.00016941800000,0.00047331540000
C4B1H1S1P5L2M3J2E1A2,ALX,CL5S,4,12,10,13,840,15,10,MNAVG,0.00004189026000,0.00006502791000
C4B1H1S1P5L2M3J2E1A3,ALX,CL5S,4,12,10,13,840,15,10,MNHVY,0.00005439808000,0.00079731220000
C4B1H1S1P5L2M3J2E2A1,ALX,CL5S,4,12,10,13,840,15,40,MEPDG,0.00016941800000,0.00047331540000
C4B1H1S1P5L2M3J2E2A2,ALX,CL5S,4,12,10,13,840,15,40,MNAVG,0.00004189026000,0.00006502791000
C4B1H1S1P5L2M3J2E2A3,ALX,CL5S,4,12,10,13,840,15,40,MNHVY,0.00005439808000,0.00079731220000
C4B1H1S1P6L1M1J1E1A1,ALX,CL5S,4,12,11,12,340,12,10,MEPDG,0.33824490000000,0.16570880000000
C4B1H1S1P6L1M1J1E1A2,ALX,CL5S,4,12,11,12,340,12,10,MNAVG,0.09995577000000,0.02265482000000
C4B1H1S1P6L1M1J1E1A3,ALX,CL5S,4,12,11,12,340,12,10,MNHVY,0.14905910000000,0.28303230000000
C4B1H1S1P6L1M1J1E2A1,ALX,CL5S,4,12,11,12,340,12,40,MEPDG,0.12875960000000,0.09351705000000
C4B1H1S1P6L1M1J1E2A2,ALX,CL5S,4,12,11,12,340,12,40,MNAVG,0.04002739000000,0.01228053000000
C4B1H1S1P6L1M1J1E2A3,ALX,CL5S,4,12,11,12,340,12,40,MNHVY,0.05287600000000,0.15380860000000
C4B1H1S1P6L1M1J2E1A1,ALX,CL5S,4,12,11,12,340,15,10,MEPDG,1.37143900000000,0.70017580000000
C4B1H1S1P6L1M1J2E1A2,ALX,CL5S,4,12,11,12,340,15,10,MNAVG,0.56934110000000,0.12615780000000
C4B1H1S1P6L1M1J2E1A3,ALX,CL5S,4,12,11,12,340,15,10,MNHVY,1.12289600000000,1.38656300000000
C4B1H1S1P6L1M1J2E2A1,ALX,CL5S,4,12,11,12,340,15,40,MEPDG,0.60090750000000,0.40292470000000
C4B1H1S1P6L1M1J2E2A2,ALX,CL5S,4,12,11,12,340,15,40,MNAVG,0.26462700000000,0.07213709000000
C4B1H1S1P6L1M1J2E2A3,ALX,CL5S,4,12,11,12,340,15,40,MNHVY,0.47450970000000,0.78755700000000
C4B1H1S1P6L1M2J1E1A1,ALX,CL5S,4,12,11,12,590,12,10,MEPDG,0.00241166400000,0.00183858900000
C4B1H1S1P6L1M2J1E1A2,ALX,CL5S,4,12,11,12,590,12,10,MNAVG,0.00050056380000,0.00018612500000
C4B1H1S1P6L1M2J1E1A3,ALX,CL5S,4,12,11,12,590,12,10,MNHVY,0.00051385820000,0.00254113900000
C4B1H1S1P6L1M2J1E2A1,ALX,CL5S,4,12,11,12,590,12,40,MEPDG,0.00064144340000,0.00104670600000
C4B1H1S1P6L1M2J1E2A2,ALX,CL5S,4,12,11,12,590,12,40,MNAVG,0.00016109820000,0.00010222140000
```

```
C4B1H1S1P6L1M2J1E2A3,ALX,CL5S,4,12,11,12,590,12,40,MNHVY,0.00014571220000,0.00138448200000
C4B1H1S1P6L1M2J2E1A1,ALX,CL5S,4,12,11,12,590,15,10,MEPDG,0.01545722000000,0.01889217000000
C4B1H1S1P6L1M2J2E1A2,ALX,CL5S,4,12,11,12,590,15,10,MNAVG,0.00341181800000,0.00285018700000
C4B1H1S1P6L1M2J2E1A3,ALX,CL5S,4,12,11,12,590,15,10,MNHVY,0.00557697500000,0.03468466000000
C4B1H1S1P6L1M2J2E2A1,ALX,CL5S,4,12,11,12,590,15,40,MEPDG,0.00487668900000,0.01023253000000
C4B1H1S1P6L1M2J2E2A2,ALX,CL5S,4,12,11,12,590,15,40,MNAVG,0.00123678100000,0.00152746800000
C4B1H1S1P6L1M2J2E2A3,ALX,CL5S,4,12,11,12,590,15,40,MNHVY,0.00173079200000,0.01847999000000
C4B1H1S1P6L1M3J1E1A1,ALX,CL5S,4,12,11,12,840,12,10,MEPDG,0.00004864949000,0.00004760678000
C4B1H1S1P6L1M3J1E1A2,ALX,CL5S,4,12,11,12,840,12,10,MNAVG,0.00000920055000,0.00000372541500
C4B1H1S1P6L1M3J1E1A3,ALX,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000721295600,0.00005353910000
C4B1H1S1P6L1M3J1E2A1,ALX,CL5S,4,12,11,12,840,12,40,MEPDG,0.00000985127000,0.00002924829000
C4B1H1S1P6L1M3J1E2A2,ALX,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000241854500,0.00000217758300
C4B1H1S1P6L1M3J1E2A3,ALX,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000169493100,0.00003099200000
C4B1H1S1P6L1M3J2E1A1,ALX,CL5S,4,12,11,12,840,15,10,MEPDG,0.00034479350000,0.00079531460000
C4B1H1S1P6L1M3J2E1A2,ALX,CL5S,4,12,11,12,840,15,10,MNAVG,0.00005926547000,0.00009956217000
C4B1H1S1P6L1M3J2E1A3,ALX,CL5S,4,12,11,12,840,15,10,MNHVY,0.00007061564000,0.00129941900000
C4B1H1S1P6L1M3J2E2A1,ALX,CL5S,4,12,11,12,840,15,40,MEPDG,0.00008380644000,0.00042669560000
C4B1H1S1P6L1M3J2E2A2,ALX,CL5S,4,12,11,12,840,15,40,MNAVG,0.00001798290000,0.00005271080000
C4B1H1S1P6L1M3J2E2A3,ALX,CL5S,4,12,11,12,840,15,40,MNHVY,0.00001847989000,0.00068176990000
C4B1H1S1P6L2M1J1E1A1,ALX,CL5S,4,12,11,13,340,12,10,MEPDG,0.02700180000000,0.04077424000000
C4B1H1S1P6L2M1J1E1A2,ALX,CL5S,4,12,11,13,340,12,10,MNAVG,0.00836909500000,0.00549469000000
C4B1H1S1P6L2M1J1E1A3,ALX,CL5S,4,12,11,13,340,12,10,MNHVY,0.01068502000000,0.06801741000000
C4B1H1S1P6L2M1J1E2A1,ALX,CL5S,4,12,11,13,340,12,40,MEPDG,0.02700180000000,0.04077424000000
C4B1H1S1P6L2M1J1E2A2,ALX,CL5S,4,12,11,13,340,12,40,MNAVG,0.00836909500000,0.00549469000000
C4B1H1S1P6L2M1J1E2A3,ALX,CL5S,4,12,11,13,340,12,40,MNHVY,0.01068502000000,0.06801741000000
C4B1H1S1P6L2M1J2E1A1,ALX,CL5S,4,12,11,13,340,15,10,MEPDG,0.13995600000000,0.20984830000000
C4B1H1S1P6L2M1J2E1A2,ALX,CL5S,4,12,11,13,340,15,10,MNAVG,0.06178118000000,0.03878850000000
C4B1H1S1P6L2M1J2E1A3,ALX,CL5S,4,12,11,13,340,15,10,MNHVY,0.10849630000000,0.41459120000000
C4B1H1S1P6L2M1J2E2A1,ALX,CL5S,4,12,11,13,340,15,40,MEPDG,0.13995600000000,0.20984830000000
C4B1H1S1P6L2M1J2E2A2,ALX,CL5S,4,12,11,13,340,15,40,MNAVG,0.06178118000000,0.03878850000000
C4B1H1S1P6L2M1J2E2A3,ALX,CL5S,4,12,11,13,340,15,40,MNHVY,0.10849630000000,0.41459120000000
C4B1H1S1P6L2M2J1E1A1,ALX,CL5S,4,12,11,13,590,12,10,MEPDG,0.00011447580000,0.00043503100000
C4B1H1S1P6L2M2J1E1A2,ALX,CL5S,4,12,11,13,590,12,10,MNAVG,0.00003017187000,0.00004361923000
C4B1H1S1P6L2M2J1E1A3,ALX,CL5S,4,12,11,13,590,12,10,MNHVY,0.00002621405000,0.00058681130000
C4B1H1S1P6L2M2J1E2A1,ALX,CL5S,4,12,11,13,590,12,40,MEPDG,0.00011447580000,0.00043503100000
C4B1H1S1P6L2M2J1E2A2,ALX,CL5S,4,12,11,13,590,12,40,MNAVG,0.00003017187000,0.00004361923000
C4B1H1S1P6L2M2J1E2A3,ALX,CL5S,4,12,11,13,590,12,40,MNHVY,0.00002621405000,0.00058681130000
C4B1H1S1P6L2M2J2E1A1,ALX,CL5S,4,12,11,13,590,15,10,MEPDG,0.00096506720000,0.00495569300000
C4B1H1S1P6L2M2J2E1A2,ALX,CL5S,4,12,11,13,590,15,10,MNAVG,0.00025203940000,0.00076109600000
C4B1H1S1P6L2M2J2E1A3,ALX,CL5S,4,12,11,13,590,15,10,MNHVY,0.00033835500000,0.00907313000000
C4B1H1S1P6L2M2J2E2A1,ALX,CL5S,4,12,11,13,590,15,40,MEPDG,0.00096506720000,0.00495569300000
C4B1H1S1P6L2M2J2E2A2,ALX,CL5S,4,12,11,13,590,15,40,MNAVG,0.00025203940000,0.00076109600000
C4B1H1S1P6L2M2J2E2A3,ALX,CL5S,4,12,11,13,590,15,40,MNHVY,0.00033835500000,0.00907313000000
C4B1H1S1P6L2M3J1E1A1,ALX,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000158867000,0.00001199336000
C4B1H1S1P6L2M3J1E1A2,ALX,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000041454770,0.00000091351250
C4B1H1S1P6L2M3J1E1A3,ALX,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000028240530,0.00001295330000
C4B1H1S1P6L2M3J1E2A1,ALX,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000158867000,0.00001199336000
C4B1H1S1P6L2M3J1E2A2,ALX,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000041454770,0.00000091351250
C4B1H1S1P6L2M3J1E2A3,ALX,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000028240530,0.00001295330000
C4B1H1S1P6L2M3J2E1A1,ALX,CL5S,4,12,11,13,840,15,10,MEPDG,0.00001476728000,0.00019869230000
```

```
C4B1H1S1P6L2M3J2E1A2,ALX,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000334483900,0.00002522271000
C4B1H1S1P6L2M3J2E1A3,ALX,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000331264000,0.00032298070000
C4B1H1S1P6L2M3J2E2A1,ALX,CL5S,4,12,11,13,840,15,40,MEPDG,0.00001476728000,0.00019869230000
C4B1H1S1P6L2M3J2E2A2,ALX,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000334483900,0.00002522271000
C4B1H1S1P6L2M3J2E2A3,ALX,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000331264000,0.00032298070000
C4B1H1S1P7L1M1J1E1A1,ALX,CL5S,4,12,12,12,340,12,10,MEPDG,0.08214394000000,0.07893085000000
C4B1H1S1P7L1M1J1E1A2,ALX,CL5S,4,12,12,12,340,12,10,MNAVG,0.01950588000000,0.00963028700000
C4B1H1S1P7L1M1J1E1A3,ALX,CL5S,4,12,12,12,340,12,10,MNHVY,0.02653710000000,0.12642510000000
C4B1H1S1P7L1M1J1E2A1,ALX,CL5S,4,12,12,12,340,12,40,MEPDG,0.02791877000000,0.04652702000000
C4B1H1S1P7L1M1J1E2A2,ALX,CL5S,4,12,12,12,340,12,40,MNAVG,0.00734726900000,0.00553968100000
C4B1H1S1P7L1M1J1E2A3,ALX,CL5S,4,12,12,12,340,12,40,MNHVY,0.00868964200000,0.07228363000000
C4B1H1S1P7L1M1J2E1A1,ALX,CL5S,4,12,12,12,340,15,10,MEPDG,0.38457160000000,0.40649570000000
C4B1H1S1P7L1M1J2E1A2,ALX,CL5S,4,12,12,12,340,15,10,MNAVG,0.12216720000000,0.06768126000000
C4B1H1S1P7L1M1J2E1A3,ALX,CL5S,4,12,12,12,340,15,10,MNHVY,0.23334900000000,0.78389670000000
C4B1H1S1P7L1M1J2E2A1,ALX,CL5S,4,12,12,12,340,15,40,MEPDG,0.15117530000000,0.23998690000000
C4B1H1S1P7L1M1J2E2A2,ALX,CL5S,4,12,12,12,340,15,40,MNAVG,0.05214915000000,0.03992444000000
C4B1H1S1P7L1M1J2E2A3,ALX,CL5S,4,12,12,12,340,15,40,MNHVY,0.08791983000000,0.45791070000000
C4B1H1S1P7L1M2J1E1A1,ALX,CL5S,4,12,12,12,590,12,10,MEPDG,0.00041237140000,0.00072701970000
C4B1H1S1P7L1M2J1E1A2,ALX,CL5S,4,12,12,12,590,12,10,MNAVG,0.00007768718000,0.00006652109000
C4B1H1S1P7L1M2J1E1A3,ALX,CL5S,4,12,12,12,590,12,10,MNHVY,0.00006897491000,0.00093865970000
C4B1H1S1P7L1M2J1E2A1,ALX,CL5S,4,12,12,12,590,12,40,MEPDG,0.00009738831000,0.00044341200000
C4B1H1S1P7L1M2J1E2A2,ALX,CL5S,4,12,12,12,590,12,40,MNAVG,0.00002326247000,0.00003985028000
C4B1H1S1P7L1M2J1E2A3,ALX,CL5S,4,12,12,12,590,12,40,MNHVY,0.00001839124000,0.00055577470000
C4B1H1S1P7L1M2J2E1A1,ALX,CL5S,4,12,12,12,590,15,10,MEPDG,0.00242432500000,0.00830741900000
C4B1H1S1P7L1M2J2E1A2,ALX,CL5S,4,12,12,12,590,15,10,MNAVG,0.00044140210000,0.00113516300000
C4B1H1S1P7L1M2J2E1A3,ALX,CL5S,4,12,12,12,590,15,10,MNHVY,0.00058014870000,0.01445867000000
C4B1H1S1P7L1M2J2E2A1,ALX,CL5S,4,12,12,12,590,15,40,MEPDG,0.00066448090000,0.00471674100000
C4B1H1S1P7L1M2J2E2A2,ALX,CL5S,4,12,12,12,590,15,40,MNAVG,0.00014693070000,0.00064637790000
C4B1H1S1P7L1M2J2E2A3,ALX,CL5S,4,12,12,12,590,15,40,MNHVY,0.00016498460000,0.00812869300000
C4B1H1S1P7L1M3J1E1A1,ALX,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000764926500,0.00001788334000
C4B1H1S1P7L1M3J1E1A2,ALX,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000121934100,0.00000128996200
C4B1H1S1P7L1M3J1E1A3,ALX,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000088198290,0.00001904808000
C4B1H1S1P7L1M3J1E2A1,ALX,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000130620700,0.00001217834000
C4B1H1S1P7L1M3J1E2A2,ALX,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000029097820,0.00000085012050
C4B1H1S1P7L1M3J1E2A3,ALX,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000018264870,0.00001247148000
C4B1H1S1P7L1M3J2E1A1,ALX,CL5S,4,12,12,12,840,15,10,MEPDG,0.00003882381000,0.00030819750000
C4B1H1S1P7L1M3J2E1A2,ALX,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000590226600,0.00003428444000
C4B1H1S1P7L1M3J2E1A3,ALX,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000571308200,0.00047019870000
C4B1H1S1P7L1M3J2E2A1,ALX,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000828461700,0.00017671350000
C4B1H1S1P7L1M3J2E2A2,ALX,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000165035000,0.00001961453000
C4B1H1S1P7L1M3J2E2A3,ALX,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000139897100,0.00026555600000
C4B1H1S1P7L2M1J1E1A1,ALX,CL5S,4,12,12,13,340,12,10,MEPDG,0.00557750000000,0.02080964000000
C4B1H1S1P7L2M1J1E1A2,ALX,CL5S,4,12,12,13,340,12,10,MNAVG,0.00149788100000,0.00253379100000
C4B1H1S1P7L2M1J1E1A3,ALX,CL5S,4,12,12,13,340,12,10,MNHVY,0.00169776200000,0.03276905000000
C4B1H1S1P7L2M1J1E2A1,ALX,CL5S,4,12,12,13,340,12,40,MEPDG,0.00557750000000,0.02080964000000
C4B1H1S1P7L2M1J1E2A2,ALX,CL5S,4,12,12,13,340,12,40,MNAVG,0.00149788100000,0.00253379100000
C4B1H1S1P7L2M1J1E2A3,ALX,CL5S,4,12,12,13,340,12,40,MNHVY,0.00169776200000,0.03276905000000
C4B1H1S1P7L2M1J2E1A1,ALX,CL5S,4,12,12,13,340,15,10,MEPDG,0.03324400000000,0.12658840000000
C4B1H1S1P7L2M1J2E1A2,ALX,CL5S,4,12,12,13,340,15,10,MNAVG,0.01156795000000,0.02173923000000
C4B1H1S1P7L2M1J2E1A3,ALX,CL5S,4,12,12,13,340,15,10,MNHVY,0.01887837000000,0.24444750000000
```

```
C4B1H1S1P7L2M1J2E2A1,ALX,CL5S,4,12,12,13,340,15,40,MEPDG,0.03324400000000,0.12658840000000
C4B1H1S1P7L2M1J2E2A2,ALX,CL5S,4,12,12,13,340,15,40,MNAVG,0.01156795000000,0.02173923000000
C4B1H1S1P7L2M1J2E2A3,ALX,CL5S,4,12,12,13,340,15,40,MNHVY,0.01887837000000,0.24444750000000
C4B1H1S1P7L2M2J1E1A1,ALX,CL5S,4,12,12,13,590,12,10,MEPDG,0.00001643650000,0.00019306670000
C4B1H1S1P7L2M2J1E1A2,ALX,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000418524300,0.00001786286000
C4B1H1S1P7L2M2J1E1A3,ALX,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000317586500,0.00024769670000
C4B1H1S1P7L2M2J1E2A1,ALX,CL5S,4,12,12,13,590,12,40,MEPDG,0.00001643650000,0.00019306670000
C4B1H1S1P7L2M2J1E2A2,ALX,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000418524300,0.00001786286000
C4B1H1S1P7L2M2J1E2A3,ALX,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000317586500,0.00024769670000
C4B1H1S1P7L2M2J2E1A1,ALX,CL5S,4,12,12,13,590,15,10,MEPDG,0.00012277640000,0.00236368000000
C4B1H1S1P7L2M2J2E1A2,ALX,CL5S,4,12,12,13,590,15,10,MNAVG,0.00002850519000,0.00033398150000
C4B1H1S1P7L2M2J2E1A3,ALX,CL5S,4,12,12,13,590,15,10,MNHVY,0.00003061536000,0.00414560500000
C4B1H1S1P7L2M2J2E2A1,ALX,CL5S,4,12,12,13,590,15,40,MEPDG,0.00012277640000,0.00236368000000
C4B1H1S1P7L2M2J2E2A2,ALX,CL5S,4,12,12,13,590,15,40,MNAVG,0.00002850519000,0.00033398150000
C4B1H1S1P7L2M2J2E2A3,ALX,CL5S,4,12,12,13,590,15,40,MNHVY,0.00003061536000,0.00414560500000
C4B1H1S1P7L2M3J1E1A1,ALX,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000020101590,0.00000541083600
C4B1H1S1P7L2M3J1E1A2,ALX,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000004844487,0.00000038670380
C4B1H1S1P7L2M3J1E1A3,ALX,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000002948443,0.00000565918500
C4B1H1S1P7L2M3J1E2A1,ALX,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000020101590,0.00000541083600
C4B1H1S1P7L2M3J1E2A2,ALX,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000004844487,0.00000038670380
C4B1H1S1P7L2M3J1E2A3,ALX,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000002948443,0.00000565918500
C4B1H1S1P7L2M3J2E1A1,ALX,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000139933300,0.00008632019000
C4B1H1S1P7L2M3J2E1A2,ALX,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000029731930,0.00000986346800
C4B1H1S1P7L2M3J2E1A3,ALX,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000024629390,0.00013242640000
C4B1H1S1P7L2M3J2E2A1,ALX,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000139933300,0.00008632019000
C4B1H1S1P7L2M3J2E2A2,ALX,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000029731930,0.00000986346800
C4B1H1S1P7L2M3J2E2A3,ALX,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000024629390,0.00013242640000
C4B1H2S2P1L1M1J1E1A1,ALX,CL5S,12,4,6,12,340,12,10,MEPDG,49.24260000000000,0.00000000000507
C4B1H2S2P1L1M1J1E1A2,ALX,CL5S,12,4,6,12,340,12,10,MNAVG,38.03700000000000,0.00000000000031
C4B1H2S2P1L1M1J1E1A3,ALX,CL5S,12,4,6,12,340,12,10,MNHVY,64.95173000000000,0.00000000000417
C4B1H2S2P1L1M1J1E2A1,ALX,CL5S,12,4,6,12,340,12,40,MEPDG,29.23433000000000,0.00000000000503
C4B1H2S2P1L1M1J1E2A2,ALX,CL5S,12,4,6,12,340,12,40,MNAVG,21.43135000000000,0.00000000000039
C4B1H2S2P1L1M1J1E2A3,ALX,CL5S,12,4,6,12,340,12,40,MNHVY,37.36722000000000,0.00000000000515
C4B1H2S2P1L1M1J2E1A1,ALX,CL5S,12,4,6,12,340,15,10,MEPDG,60.45393000000000,0.00000000000945
C4B1H2S2P1L1M1J2E1A2,ALX,CL5S,12,4,6,12,340,15,10,MNAVG,48.61890000000000,0.00000000000112
C4B1H2S2P1L1M1J2E1A3,ALX,CL5S,12,4,6,12,340,15,10,MNHVY,84.61676000000000,0.00000000001340
C4B1H2S2P1L1M1J2E2A1,ALX,CL5S,12,4,6,12,340,15,40,MEPDG,36.85147000000000,0.00000000000582
C4B1H2S2P1L1M1J2E2A2,ALX,CL5S,12,4,6,12,340,15,40,MNAVG,28.35625000000000,0.00000000000080
C4B1H2S2P1L1M1J2E2A3,ALX,CL5S,12,4,6,12,340,15,40,MNHVY,50.47009000000000,0.00000000000910
C4B1H2S2P1L1M2J1E1A1,ALX,CL5S,12,4,6,12,590,12,10,MEPDG,5.64149600000000,0.00000000003921
C4B1H2S2P1L1M2J1E1A2,ALX,CL5S,12,4,6,12,590,12,10,MNAVG,3.62607600000000,0.00000000000233
C4B1H2S2P1L1M2J1E1A3,ALX,CL5S,12,4,6,12,590,12,10,MNHVY,6.08080200000000,0.00000000003369
C4B1H2S2P1L1M2J1E2A1,ALX,CL5S,12,4,6,12,590,12,40,MEPDG,2.96984800000000,0.00000000001823
C4B1H2S2P1L1M2J1E2A2,ALX,CL5S,12,4,6,12,590,12,40,MNAVG,1.85301500000000,0.00000000000121
C4B1H2S2P1L1M2J1E2A3,ALX,CL5S,12,4,6,12,590,12,40,MNHVY,3.09802900000000,0.00000000001733
C4B1H2S2P1L1M2J2E1A1,ALX,CL5S,12,4,6,12,590,15,10,MEPDG,9.71048400000000,0.00000000014048
C4B1H2S2P1L1M2J2E1A2,ALX,CL5S,12,4,6,12,590,15,10,MNAVG,7.13319300000000,0.00000000001416
C4B1H2S2P1L1M2J2E1A3,ALX,CL5S,12,4,6,12,590,15,10,MNHVY,12.68565000000000,0.00000000019114
C4B1H2S2P1L1M2J2E2A1,ALX,CL5S,12,4,6,12,590,15,40,MEPDG,5.50927700000000,0.00000000007276
C4B1H2S2P1L1M2J2E2A2,ALX,CL5S,12,4,6,12,590,15,40,MNAVG,4.00913900000000,0.00000000000801
```

```
C4B1H2S2P1L1M2J2E2A3,ALX,CL5S,12,4,6,12,590,15,40,MNHVY,7.15213400000000,0.00000000010465
C4B1H2S2P1L1M3J1E1A1,ALX,CL5S,12,4,6,12,840,12,10,MEPDG,0.78662190000000,0.00000000007773
C4B1H2S2P1L1M3J1E1A2,ALX,CL5S,12,4,6,12,840,12,10,MNAVG,0.39192640000000,0.00000000000550
C4B1H2S2P1L1M3J1E1A3,ALX,CL5S,12,4,6,12,840,12,10,MNHVY,0.64048530000000,0.00000000008398
C4B1H2S2P1L1M3J1E2A1,ALX,CL5S,12,4,6,12,840,12,40,MEPDG,0.36373790000000,0.00000000002685
C4B1H2S2P1L1M3J1E2A2,ALX,CL5S,12,4,6,12,840,12,40,MNAVG,0.17918830000000,0.00000000000181
C4B1H2S2P1L1M3J1E2A3,ALX,CL5S,12,4,6,12,840,12,40,MNHVY,0.28438860000000,0.00000000002728
C4B1H2S2P1L1M3J2E1A1,ALX,CL5S,12,4,6,12,840,15,10,MEPDG,1.89605400000000,0.00000000049837
C4B1H2S2P1L1M3J2E1A2,ALX,CL5S,12,4,6,12,840,15,10,MNAVG,1.19937700000000,0.00000000004946
C4B1H2S2P1L1M3J2E1A3,ALX,CL5S,12,4,6,12,840,15,10,MNHVY,2.25402000000000,0.00000000071611
C4B1H2S2P1L1M3J2E2A1,ALX,CL5S,12,4,6,12,840,15,40,MEPDG,0.96956190000000,0.00000000028223
C4B1H2S2P1L1M3J2E2A2,ALX,CL5S,12,4,6,12,840,15,40,MNAVG,0.62093650000000,0.00000000002953
C4B1H2S2P1L1M3J2E2A3,ALX,CL5S,12,4,6,12,840,15,40,MNHVY,1.14427000000000,0.00000000041866
C4B1H2S2P1L2M1J1E1A1,ALX,CL5S,12,4,6,13,340,12,10,MEPDG,7.36673800000000,0.00000000000212
C4B1H2S2P1L2M1J1E1A2,ALX,CL5S,12,4,6,13,340,12,10,MNAVG,5.20667200000000,0.00000000000019
C4B1H2S2P1L2M1J1E1A3,ALX,CL5S,12,4,6,13,340,12,10,MNHVY,9.19326500000000,0.00000000000244
C4B1H2S2P1L2M1J1E2A1,ALX,CL5S,12,4,6,13,340,12,40,MEPDG,7.36673800000000,0.00000000000212
C4B1H2S2P1L2M1J1E2A2,ALX,CL5S,12,4,6,13,340,12,40,MNAVG,5.20667200000000,0.00000000000019
C4B1H2S2P1L2M1J1E2A3,ALX,CL5S,12,4,6,13,340,12,40,MNHVY,9.19326500000000,0.00000000000244
C4B1H2S2P1L2M1J2E1A1,ALX,CL5S,12,4,6,13,340,15,10,MEPDG,9.52244200000000,0.00000000000303
C4B1H2S2P1L2M1J2E1A2,ALX,CL5S,12,4,6,13,340,15,10,MNAVG,7.12823500000000,0.00000000000047
C4B1H2S2P1L2M1J2E1A3,ALX,CL5S,12,4,6,13,340,15,10,MNHVY,12.81862000000000,0.00000000000509
C4B1H2S2P1L2M1J2E2A1,ALX,CL5S,12,4,6,13,340,15,40,MEPDG,9.52244200000000,0.00000000000303
C4B1H2S2P1L2M1J2E2A2,ALX,CL5S,12,4,6,13,340,15,40,MNAVG,7.12823500000000,0.00000000000047
C4B1H2S2P1L2M1J2E2A3,ALX,CL5S,12,4,6,13,340,15,40,MNHVY,12.81862000000000,0.00000000000509
C4B1H2S2P1L2M2J1E1A1,ALX,CL5S,12,4,6,13,590,12,10,MEPDG,0.71707630000000,0.00000000000692
C4B1H2S2P1L2M2J1E1A2,ALX,CL5S,12,4,6,13,590,12,10,MNAVG,0.43503210000000,0.00000000000049
C4B1H2S2P1L2M2J1E1A3,ALX,CL5S,12,4,6,13,590,12,10,MNHVY,0.73734370000000,0.00000000000695
C4B1H2S2P1L2M2J1E2A1,ALX,CL5S,12,4,6,13,590,12,40,MEPDG,0.71707630000000,0.00000000000692
C4B1H2S2P1L2M2J1E2A2,ALX,CL5S,12,4,6,13,590,12,40,MNAVG,0.43503210000000,0.00000000000049
C4B1H2S2P1L2M2J1E2A3,ALX,CL5S,12,4,6,13,590,12,40,MNHVY,0.73734370000000,0.00000000000695
C4B1H2S2P1L2M2J2E1A1,ALX,CL5S,12,4,6,13,590,15,10,MEPDG,1.43265100000000,0.00000000002734
C4B1H2S2P1L2M2J2E1A2,ALX,CL5S,12,4,6,13,590,15,10,MNAVG,1.03912400000000,0.00000000000332
C4B1H2S2P1L2M2J2E1A3,ALX,CL5S,12,4,6,13,590,15,10,MNHVY,1.87464300000000,0.00000000004209
C4B1H2S2P1L2M2J2E2A1,ALX,CL5S,12,4,6,13,590,15,40,MEPDG,1.43265100000000,0.00000000002734
C4B1H2S2P1L2M2J2E2A2,ALX,CL5S,12,4,6,13,590,15,40,MNAVG,1.03912400000000,0.00000000000332
C4B1H2S2P1L2M2J2E2A3,ALX,CL5S,12,4,6,13,590,15,40,MNHVY,1.87464300000000,0.00000000004209
C4B1H2S2P1L2M3J1E1A1,ALX,CL5S,12,4,6,13,840,12,10,MEPDG,0.08280421000000,0.00000000000780
C4B1H2S2P1L2M3J1E1A2,ALX,CL5S,12,4,6,13,840,12,10,MNAVG,0.03976526000000,0.00000000000054
C4B1H2S2P1L2M3J1E1A3,ALX,CL5S,12,4,6,13,840,12,10,MNHVY,0.06379792000000,0.00000000000809
C4B1H2S2P1L2M3J1E2A1,ALX,CL5S,12,4,6,13,840,12,40,MEPDG,0.08280421000000,0.00000000000780
C4B1H2S2P1L2M3J1E2A2,ALX,CL5S,12,4,6,13,840,12,40,MNAVG,0.03976526000000,0.00000000000054
C4B1H2S2P1L2M3J1E2A3,ALX,CL5S,12,4,6,13,840,12,40,MNHVY,0.06379792000000,0.00000000000809
C4B1H2S2P1L2M3J2E1A1,ALX,CL5S,12,4,6,13,840,15,10,MEPDG,0.24355020000000,0.00000000010693
C4B1H2S2P1L2M3J2E1A2,ALX,CL5S,12,4,6,13,840,15,10,MNAVG,0.15610920000000,0.00000000001176
C4B1H2S2P1L2M3J2E1A3,ALX,CL5S,12,4,6,13,840,15,10,MNHVY,0.29199890000000,0.00000000016447
C4B1H2S2P1L2M3J2E2A1,ALX,CL5S,12,4,6,13,840,15,40,MEPDG,0.24355020000000,0.00000000010693
C4B1H2S2P1L2M3J2E2A2,ALX,CL5S,12,4,6,13,840,15,40,MNAVG,0.15610920000000,0.00000000001176
C4B1H2S2P1L2M3J2E2A3,ALX,CL5S,12,4,6,13,840,15,40,MNHVY,0.29199890000000,0.00000000016447
C4B1H2S2P2L1M1J1E1A1,ALX,CL5S,12,4,7,12,340,12,10,MEPDG,26.37263000000000,0.00011799370000
```

```
C4B1H2S2P2L1M1J1E1A2,ALX,CL5S,12,4,7,12,340,12,10,MNAVG,19.40442000000000,0.00002542170000
C4B1H2S2P2L1M1J1E1A3,ALX,CL5S,12,4,7,12,340,12,10,MNHVY,34.07006000000000,0.00024004880000
C4B1H2S2P2L1M1J1E2A1,ALX,CL5S,12,4,7,12,340,12,40,MEPDG,15.02368000000000,0.00009289737000
C4B1H2S2P2L1M1J1E2A2,ALX,CL5S,12,4,7,12,340,12,40,MNAVG,10.77076000000000,0.00001935767000
C4B1H2S2P2L1M1J1E2A3,ALX,CL5S,12,4,7,12,340,12,40,MNHVY,18.91520000000000,0.00018589400000
C4B1H2S2P2L1M1J2E1A1,ALX,CL5S,12,4,7,12,340,15,10,MEPDG,42.21724000000000,0.00007516911000
C4B1H2S2P2L1M1J2E1A2,ALX,CL5S,12,4,7,12,340,15,10,MNAVG,34.08276000000000,0.00001795549000
C4B1H2S2P2L1M1J2E1A3,ALX,CL5S,12,4,7,12,340,15,10,MNHVY,61.96575000000000,0.00015361280000
C4B1H2S2P2L1M1J2E2A1,ALX,CL5S,12,4,7,12,340,15,40,MEPDG,25.60414000000000,0.00010641020000
C4B1H2S2P2L1M1J2E2A2,ALX,CL5S,12,4,7,12,340,15,40,MNAVG,20.43889000000000,0.00002512071000
C4B1H2S2P2L1M1J2E2A3,ALX,CL5S,12,4,7,12,340,15,40,MNHVY,37.30035000000000,0.00021575730000
C4B1H2S2P2L1M2J1E1A1,ALX,CL5S,12,4,7,12,590,12,10,MEPDG,1.65400600000000,0.00002366203000
C4B1H2S2P2L1M2J1E1A2,ALX,CL5S,12,4,7,12,590,12,10,MNAVG,0.85340760000000,0.00000430854200
C4B1H2S2P2L1M2J1E1A3,ALX,CL5S,12,4,7,12,590,12,10,MNHVY,1.45904700000000,0.00004561545000
C4B1H2S2P2L1M2J1E2A1,ALX,CL5S,12,4,7,12,590,12,40,MEPDG,0.77884820000000,0.00001954575000
C4B1H2S2P2L1M2J1E2A2,ALX,CL5S,12,4,7,12,590,12,40,MNAVG,0.40118270000000,0.00000323836300
C4B1H2S2P2L1M2J1E2A3,ALX,CL5S,12,4,7,12,590,12,40,MNHVY,0.65686240000000,0.00003581557000
C4B1H2S2P2L1M2J2E1A1,ALX,CL5S,12,4,7,12,590,15,10,MEPDG,4.29467100000000,0.00011146350000
C4B1H2S2P2L1M2J2E1A2,ALX,CL5S,12,4,7,12,590,15,10,MNAVG,2.79077400000000,0.00002409310000
C4B1H2S2P2L1M2J2E1A3,ALX,CL5S,12,4,7,12,590,15,10,MNHVY,5.38733100000000,0.00022787700000
C4B1H2S2P2L1M2J2E2A1,ALX,CL5S,12,4,7,12,590,15,40,MEPDG,2.25262800000000,0.00008229211000
C4B1H2S2P2L1M2J2E2A2,ALX,CL5S,12,4,7,12,590,15,40,MNAVG,1.49443600000000,0.00001705440000
C4B1H2S2P2L1M2J2E2A3,ALX,CL5S,12,4,7,12,590,15,40,MNHVY,2.79999400000000,0.00016525070000
C4B1H2S2P2L1M3J1E1A1,ALX,CL5S,12,4,7,12,840,12,10,MEPDG,0.15942070000000,0.00000443700900
C4B1H2S2P2L1M3J1E1A2,ALX,CL5S,12,4,7,12,840,12,10,MNAVG,0.05900988000000,0.00000060369850
C4B1H2S2P2L1M3J1E1A3,ALX,CL5S,12,4,7,12,840,12,10,MNHVY,0.09665901000000,0.00000733250300
C4B1H2S2P2L1M3J1E2A1,ALX,CL5S,12,4,7,12,840,12,40,MEPDG,0.06318074000000,0.00000177849600
C4B1H2S2P2L1M3J1E2A2,ALX,CL5S,12,4,7,12,840,12,40,MNAVG,0.02400939000000,0.00000020277120
C4B1H2S2P2L1M3J1E2A3,ALX,CL5S,12,4,7,12,840,12,40,MNHVY,0.03633433000000,0.00000258781300
C4B1H2S2P2L1M3J2E1A1,ALX,CL5S,12,4,7,12,840,15,10,MEPDG,0.64883560000000,0.00002529343000
C4B1H2S2P2L1M3J2E1A2,ALX,CL5S,12,4,7,12,840,15,10,MNAVG,0.32934900000000,0.00000457288000
C4B1H2S2P2L1M3J2E1A3,ALX,CL5S,12,4,7,12,840,15,10,MNHVY,0.70548070000000,0.00004949200000
C4B1H2S2P2L1M3J2E2A1,ALX,CL5S,12,4,7,12,840,15,40,MEPDG,0.29508920000000,0.00002322254000
C4B1H2S2P2L1M3J2E2A2,ALX,CL5S,12,4,7,12,840,15,40,MNAVG,0.15651670000000,0.00000385538100
C4B1H2S2P2L1M3J2E2A3,ALX,CL5S,12,4,7,12,840,15,40,MNHVY,0.31437880000000,0.00004330726000
C4B1H2S2P2L2M1J1E1A1,ALX,CL5S,12,4,7,13,340,12,10,MEPDG,3.81197500000000,0.00005107743000
C4B1H2S2P2L2M1J1E1A2,ALX,CL5S,12,4,7,13,340,12,10,MNAVG,2.66970900000000,0.00001094683000
C4B1H2S2P2L2M1J1E1A3,ALX,CL5S,12,4,7,13,340,12,10,MNHVY,4.72619800000000,0.00010277030000
C4B1H2S2P2L2M1J1E2A1,ALX,CL5S,12,4,7,13,340,12,40,MEPDG,3.81197500000000,0.00005107743000
C4B1H2S2P2L2M1J1E2A2,ALX,CL5S,12,4,7,13,340,12,40,MNAVG,2.66970900000000,0.00001094683000
C4B1H2S2P2L2M1J1E2A3,ALX,CL5S,12,4,7,13,340,12,40,MNHVY,4.72619800000000,0.00010277030000
C4B1H2S2P2L2M1J2E1A1,ALX,CL5S,12,4,7,13,340,15,10,MEPDG,6.96139800000000,0.00006773919000
C4B1H2S2P2L2M1J2E1A2,ALX,CL5S,12,4,7,13,340,15,10,MNAVG,5.53462900000000,0.00001631395000
C4B1H2S2P2L2M1J2E1A3,ALX,CL5S,12,4,7,13,340,15,10,MNHVY,10.13568000000000,0.00013734230000
C4B1H2S2P2L2M1J2E2A1,ALX,CL5S,12,4,7,13,340,15,40,MEPDG,6.96139800000000,0.00006773919000
C4B1H2S2P2L2M1J2E2A2,ALX,CL5S,12,4,7,13,340,15,40,MNAVG,5.53462900000000,0.00001631395000
C4B1H2S2P2L2M1J2E2A3,ALX,CL5S,12,4,7,13,340,15,40,MNHVY,10.13568000000000,0.00013734230000
C4B1H2S2P2L2M2J1E1A1,ALX,CL5S,12,4,7,13,590,12,10,MEPDG,0.18018830000000,0.00001045525000
C4B1H2S2P2L2M2J1E1A2,ALX,CL5S,12,4,7,13,590,12,10,MNAVG,0.09068302000000,0.00000174951700
C4B1H2S2P2L2M2J1E1A3,ALX,CL5S,12,4,7,13,590,12,10,MNHVY,0.14892500000000,0.00001917649000
```

```
C4B1H2S2P2L2M2J1E2A1,ALX,CL5S,12,4,7,13,590,12,40,MEPDG,0.18018830000000,0.00001045525000
C4B1H2S2P2L2M2J1E2A2,ALX,CL5S,12,4,7,13,590,12,40,MNAVG,0.09068302000000,0.00000174951700
C4B1H2S2P2L2M2J1E2A3,ALX,CL5S,12,4,7,13,590,12,40,MNHVY,0.14892500000000,0.00001917649000
C4B1H2S2P2L2M2J2E1A1,ALX,CL5S,12,4,7,13,590,15,10,MEPDG,0.58013120000000,0.00004000307000
C4B1H2S2P2L2M2J2E1A2,ALX,CL5S,12,4,7,13,590,15,10,MNAVG,0.38621770000000,0.00000835354000
C4B1H2S2P2L2M2J2E1A3,ALX,CL5S,12,4,7,13,590,15,10,MNHVY,0.72694460000000,0.00008038115000
C4B1H2S2P2L2M2J2E2A1,ALX,CL5S,12,4,7,13,590,15,40,MEPDG,0.58013120000000,0.00004000307000
C4B1H2S2P2L2M2J2E2A2,ALX,CL5S,12,4,7,13,590,15,40,MNAVG,0.38621770000000,0.00000835354000
C4B1H2S2P2L2M2J2E2A3,ALX,CL5S,12,4,7,13,590,15,40,MNHVY,0.72694460000000,0.00008038115000
C4B1H2S2P2L2M3J1E1A1,ALX,CL5S,12,4,7,13,840,12,10,MEPDG,0.01351994000000,0.00000074511150
C4B1H2S2P2L2M3J1E1A2,ALX,CL5S,12,4,7,13,840,12,10,MNAVG,0.00506587000000,0.00000008301027
C4B1H2S2P2L2M3J1E1A3,ALX,CL5S,12,4,7,13,840,12,10,MNHVY,0.00761112400000,0.00000105961400
C4B1H2S2P2L2M3J1E2A1,ALX,CL5S,12,4,7,13,840,12,40,MEPDG,0.01351994000000,0.00000074511150
C4B1H2S2P2L2M3J1E2A2,ALX,CL5S,12,4,7,13,840,12,40,MNAVG,0.00506587000000,0.00000008301027
C4B1H2S2P2L2M3J1E2A3,ALX,CL5S,12,4,7,13,840,12,40,MNHVY,0.00761112400000,0.00000105961400
C4B1H2S2P2L2M3J2E1A1,ALX,CL5S,12,4,7,13,840,15,10,MEPDG,0.07165115000000,0.00001245910000
C4B1H2S2P2L2M3J2E1A2,ALX,CL5S,12,4,7,13,840,15,10,MNAVG,0.03809516000000,0.00000204801700
C4B1H2S2P2L2M3J2E1A3,ALX,CL5S,12,4,7,13,840,15,10,MNHVY,0.07693928000000,0.00002303753000
C4B1H2S2P2L2M3J2E2A1,ALX,CL5S,12,4,7,13,840,15,40,MEPDG,0.07165115000000,0.00001245910000
C4B1H2S2P2L2M3J2E2A2,ALX,CL5S,12,4,7,13,840,15,40,MNAVG,0.03809516000000,0.00000204801700
C4B1H2S2P2L2M3J2E2A3,ALX,CL5S,12,4,7,13,840,15,40,MNHVY,0.07693928000000,0.00002303753000
C4B1H2S2P3L1M1J1E1A1,ALX,CL5S,12,4,8,12,340,12,10,MEPDG,9.82291000000000,0.00173772300000
C4B1H2S2P3L1M1J1E1A2,ALX,CL5S,12,4,8,12,340,12,10,MNAVG,6.11243200000000,0.00037268510000
C4B1H2S2P3L1M1J1E1A3,ALX,CL5S,12,4,8,12,340,12,10,MNHVY,10.78732000000000,0.00358072300000
C4B1H2S2P3L1M1J1E2A1,ALX,CL5S,12,4,8,12,340,12,40,MEPDG,5.11683000000000,0.00089614280000
C4B1H2S2P3L1M1J1E2A2,ALX,CL5S,12,4,8,12,340,12,40,MNAVG,3.15853600000000,0.00018634310000
C4B1H2S2P3L1M1J1E2A3,ALX,CL5S,12,4,8,12,340,12,40,MNHVY,5.41035700000000,0.00181991700000
C4B1H2S2P3L1M1J2E1A1,ALX,CL5S,12,4,8,12,340,15,10,MEPDG,20.52046000000000,0.00585916100000
C4B1H2S2P3L1M1J2E1A2,ALX,CL5S,12,4,8,12,340,15,10,MNAVG,14.96360000000000,0.00139191900000
C4B1H2S2P3L1M1J2E1A3,ALX,CL5S,12,4,8,12,340,15,10,MNHVY,28.30751000000000,0.01212637000000
C4B1H2S2P3L1M1J2E2A1,ALX,CL5S,12,4,8,12,340,15,40,MEPDG,11.71807000000000,0.00349390700000
C4B1H2S2P3L1M1J2E2A2,ALX,CL5S,12,4,8,12,340,15,40,MNAVG,8.64190500000000,0.00082081490000
C4B1H2S2P3L1M1J2E2A3,ALX,CL5S,12,4,8,12,340,15,40,MNHVY,16.03389000000000,0.00717331500000
C4B1H2S2P3L1M2J1E1A1,ALX,CL5S,12,4,8,12,590,12,10,MEPDG,0.36568930000000,0.00009708075000
C4B1H2S2P3L1M2J1E1A2,ALX,CL5S,12,4,8,12,590,12,10,MNAVG,0.13974070000000,0.00001727010000
C4B1H2S2P3L1M2J1E1A3,ALX,CL5S,12,4,8,12,590,12,10,MNHVY,0.22992690000000,0.00018791330000
C4B1H2S2P3L1M2J1E2A1,ALX,CL5S,12,4,8,12,590,12,40,MEPDG,0.15138130000000,0.00004010567000
C4B1H2S2P3L1M2J1E2A2,ALX,CL5S,12,4,8,12,590,12,40,MNAVG,0.05959536000000,0.00000655179800
C4B1H2S2P3L1M2J1E2A3,ALX,CL5S,12,4,8,12,590,12,40,MNHVY,0.09069292000000,0.00007385721000
C4B1H2S2P3L1M2J2E1A1,ALX,CL5S,12,4,8,12,590,15,10,MEPDG,1.41909200000000,0.00066525340000
C4B1H2S2P3L1M2J2E1A2,ALX,CL5S,12,4,8,12,590,15,10,MNAVG,0.74441120000000,0.00014034630000
C4B1H2S2P3L1M2J2E1A3,ALX,CL5S,12,4,8,12,590,15,10,MNHVY,1.54476600000000,0.00137740400000
C4B1H2S2P3L1M2J2E2A1,ALX,CL5S,12,4,8,12,590,15,40,MEPDG,0.66817890000000,0.00032225870000
C4B1H2S2P3L1M2J2E2A2,ALX,CL5S,12,4,8,12,590,15,40,MNAVG,0.36692520000000,0.00006524263000
C4B1H2S2P3L1M2J2E2A3,ALX,CL5S,12,4,8,12,590,15,40,MNHVY,0.71354460000000,0.00065460240000
C4B1H2S2P3L1M3J1E1A1,ALX,CL5S,12,4,8,12,840,12,10,MEPDG,0.02274159000000,0.00001093764000
C4B1H2S2P3L1M3J1E1A2,ALX,CL5S,12,4,8,12,840,12,10,MNAVG,0.00622638000000,0.00000142644800
C4B1H2S2P3L1M3J1E1A3,ALX,CL5S,12,4,8,12,840,12,10,MNHVY,0.00892736100000,0.00001756837000
C4B1H2S2P3L1M3J1E2A1,ALX,CL5S,12,4,8,12,840,12,40,MEPDG,0.00765253500000,0.00001524079000
C4B1H2S2P3L1M3J1E2A2,ALX,CL5S,12,4,8,12,840,12,40,MNAVG,0.00227556900000,0.00000168735100
```

```
C4B1H2S2P3L1M3J1E2A3,ALX,CL5S,12,4,8,12,840,12,40,MNHVY,0.00293477400000,0.00002164899000
C4B1H2S2P3L1M3J2E1A1,ALX,CL5S,12,4,8,12,840,15,10,MEPDG,0.14324100000000,0.00008988567000
C4B1H2S2P3L1M3J2E1A2,ALX,CL5S,12,4,8,12,840,15,10,MNAVG,0.05290223000000,0.00001547043000
C4B1H2S2P3L1M3J2E1A3,ALX,CL5S,12,4,8,12,840,15,10,MNHVY,0.11951980000000,0.00017473400000
C4B1H2S2P3L1M3J2E2A1,ALX,CL5S,12,4,8,12,840,15,40,MEPDG,0.05611263000000,0.00002087952000
C4B1H2S2P3L1M3J2E2A2,ALX,CL5S,12,4,8,12,840,15,40,MNAVG,0.02229458000000,0.00000327902300
C4B1H2S2P3L1M3J2E2A3,ALX,CL5S,12,4,8,12,840,15,40,MNHVY,0.04504901000000,0.00003828777000
C4B1H2S2P3L2M1J1E1A1,ALX,CL5S,12,4,8,13,340,12,10,MEPDG,1.24902100000000,0.00043962970000
C4B1H2S2P3L2M1J1E1A2,ALX,CL5S,12,4,8,13,340,12,10,MNAVG,0.75350210000000,0.00009326371000
C4B1H2S2P3L2M1J1E1A3,ALX,CL5S,12,4,8,13,340,12,10,MNHVY,1.29178600000000,0.00089489950000
C4B1H2S2P3L2M1J1E2A1,ALX,CL5S,12,4,8,13,340,12,40,MEPDG,1.24902100000000,0.00043962970000
C4B1H2S2P3L2M1J1E2A2,ALX,CL5S,12,4,8,13,340,12,40,MNAVG,0.75350210000000,0.00009326371000
C4B1H2S2P3L2M1J1E2A3,ALX,CL5S,12,4,8,13,340,12,40,MNHVY,1.29178600000000,0.00089489950000
C4B1H2S2P3L2M1J2E1A1,ALX,CL5S,12,4,8,13,340,15,10,MEPDG,3.14505400000000,0.00207086600000
C4B1H2S2P3L2M1J2E1A2,ALX,CL5S,12,4,8,13,340,15,10,MNAVG,2.32205300000000,0.00049435820000
C4B1H2S2P3L2M1J2E1A3,ALX,CL5S,12,4,8,13,340,15,10,MNHVY,4.30438000000000,0.00424528500000
C4B1H2S2P3L2M1J2E2A1,ALX,CL5S,12,4,8,13,340,15,40,MEPDG,3.14505400000000,0.00207086600000
C4B1H2S2P3L2M1J2E2A2,ALX,CL5S,12,4,8,13,340,15,40,MNAVG,2.32205300000000,0.00049435820000
C4B1H2S2P3L2M1J2E2A3,ALX,CL5S,12,4,8,13,340,15,40,MNHVY,4.30438000000000,0.00424528500000
C4B1H2S2P3L2M2J1E1A1,ALX,CL5S,12,4,8,13,590,12,10,MEPDG,0.03296581000000,0.00001504204000
C4B1H2S2P3L2M2J1E1A2,ALX,CL5S,12,4,8,13,590,12,10,MNAVG,0.01280933000000,0.00000247599300
C4B1H2S2P3L2M2J1E1A3,ALX,CL5S,12,4,8,13,590,12,10,MNHVY,0.01923259000000,0.00002765346000
C4B1H2S2P3L2M2J1E2A1,ALX,CL5S,12,4,8,13,590,12,40,MEPDG,0.03296581000000,0.00001504204000
C4B1H2S2P3L2M2J1E2A2,ALX,CL5S,12,4,8,13,590,12,40,MNAVG,0.01280933000000,0.00000247599300
C4B1H2S2P3L2M2J1E2A3,ALX,CL5S,12,4,8,13,590,12,40,MNHVY,0.01923259000000,0.00002765346000
C4B1H2S2P3L2M2J2E1A1,ALX,CL5S,12,4,8,13,590,15,10,MEPDG,0.16443180000000,0.00016630430000
C4B1H2S2P3L2M2J2E1A2,ALX,CL5S,12,4,8,13,590,15,10,MNAVG,0.09070037000000,0.00003400733000
C4B1H2S2P3L2M2J2E1A3,ALX,CL5S,12,4,8,13,590,15,10,MNHVY,0.17571000000000,0.00033762650000
C4B1H2S2P3L2M2J2E2A1,ALX,CL5S,12,4,8,13,590,15,40,MEPDG,0.16443180000000,0.00016630430000
C4B1H2S2P3L2M2J2E2A2,ALX,CL5S,12,4,8,13,590,15,40,MNAVG,0.09070037000000,0.00003400733000
C4B1H2S2P3L2M2J2E2A3,ALX,CL5S,12,4,8,13,590,15,40,MNHVY,0.17571000000000,0.00033762650000
C4B1H2S2P3L2M3J1E1A1,ALX,CL5S,12,4,8,13,840,12,10,MEPDG,0.00151836800000,0.00000663732600
C4B1H2S2P3L2M3J1E1A2,ALX,CL5S,12,4,8,13,840,12,10,MNAVG,0.00045514180000,0.00000072023480
C4B1H2S2P3L2M3J1E1A3,ALX,CL5S,12,4,8,13,840,12,10,MNHVY,0.00057239660000,0.00000921895800
C4B1H2S2P3L2M3J1E2A1,ALX,CL5S,12,4,8,13,840,12,40,MEPDG,0.00151836800000,0.00000663732600
C4B1H2S2P3L2M3J1E2A2,ALX,CL5S,12,4,8,13,840,12,40,MNAVG,0.00045514180000,0.00000072023480
C4B1H2S2P3L2M3J1E2A3,ALX,CL5S,12,4,8,13,840,12,40,MNHVY,0.00057239660000,0.00000921895800
C4B1H2S2P3L2M3J2E1A1,ALX,CL5S,12,4,8,13,840,15,10,MEPDG,0.01268964000000,0.00000992138000
C4B1H2S2P3L2M3J2E1A2,ALX,CL5S,12,4,8,13,840,15,10,MNAVG,0.00505890000000,0.00000155442600
C4B1H2S2P3L2M3J2E1A3,ALX,CL5S,12,4,8,13,840,15,10,MNHVY,0.01016360000000,0.00001807798000
C4B1H2S2P3L2M3J2E2A1,ALX,CL5S,12,4,8,13,840,15,40,MEPDG,0.01268964000000,0.00000992138000
C4B1H2S2P3L2M3J2E2A2,ALX,CL5S,12,4,8,13,840,15,40,MNAVG,0.00505890000000,0.00000155442600
C4B1H2S2P3L2M3J2E2A3,ALX,CL5S,12,4,8,13,840,15,40,MNHVY,0.01016360000000,0.00001807798000
C4B1H2S2P4L1M1J1E1A1,ALX,CL5S,12,4,9,12,340,12,10,MEPDG,3.21795700000000,0.00261353800000
C4B1H2S2P4L1M1J1E1A2,ALX,CL5S,12,4,9,12,340,12,10,MNAVG,1.60462400000000,0.00054615870000
C4B1H2S2P4L1M1J1E1A3,ALX,CL5S,12,4,9,12,340,12,10,MNHVY,2.81224400000000,0.00543644700000
C4B1H2S2P4L1M1J1E2A1,ALX,CL5S,12,4,9,12,340,12,40,MEPDG,1.51785700000000,0.00152002800000
C4B1H2S2P4L1M1J1E2A2,ALX,CL5S,12,4,9,12,340,12,40,MNAVG,0.76441700000000,0.00030996890000
C4B1H2S2P4L1M1J1E2A3,ALX,CL5S,12,4,9,12,340,12,40,MNHVY,1.25921800000000,0.00311345100000
C4B1H2S2P4L1M1J2E1A1,ALX,CL5S,12,4,9,12,340,15,10,MEPDG,8.91929900000000,0.00938794400000
```

```
C4B1H2S2P4L1M1J2E1A2,ALX,CL5S,12,4,9,12,340,15,10,MNAVG,5.65693800000000,0.00219703600000
C4B1H2S2P4L1M1J2E1A3,ALX,CL5S,12,4,9,12,340,15,10,MNHVY,11.21022000000000,0.01964200000000
C4B1H2S2P4L1M1J2E2A1,ALX,CL5S,12,4,9,12,340,15,40,MEPDG,4.73681600000000,0.00633523600000
C4B1H2S2P4L1M1J2E2A2,ALX,CL5S,12,4,9,12,340,15,40,MNAVG,3.10277900000000,0.00147099400000
C4B1H2S2P4L1M1J2E2A3,ALX,CL5S,12,4,9,12,340,15,40,MNHVY,5.88936900000000,0.01315305000000
C4B1H2S2P4L1M2J1E1A1,ALX,CL5S,12,4,9,12,590,12,10,MEPDG,0.06923113000000,0.00006108341000
C4B1H2S2P4L1M2J1E1A2,ALX,CL5S,12,4,9,12,590,12,10,MNAVG,0.01979312000000,0.00001007569000
C4B1H2S2P4L1M2J1E1A3,ALX,CL5S,12,4,9,12,590,12,10,MNHVY,0.02923931000000,0.00011579200000
C4B1H2S2P4L1M2J1E2A1,ALX,CL5S,12,4,9,12,590,12,40,MEPDG,0.02465295000000,0.00003075745000
C4B1H2S2P4L1M2J1E2A2,ALX,CL5S,12,4,9,12,590,12,40,MNAVG,0.00758224500000,0.00000474882000
C4B1H2S2P4L1M2J1E2A3,ALX,CL5S,12,4,9,12,590,12,40,MNHVY,0.00998846500000,0.00005539994000
C4B1H2S2P4L1M2J2E1A1,ALX,CL5S,12,4,9,12,590,15,10,MEPDG,0.38364130000000,0.00076502240000
C4B1H2S2P4L1M2J2E1A2,ALX,CL5S,12,4,9,12,590,15,10,MNAVG,0.15445250000000,0.00015399360000
C4B1H2S2P4L1M2J2E1A3,ALX,CL5S,12,4,9,12,590,15,10,MNHVY,0.33433070000000,0.00158490600000
C4B1H2S2P4L1M2J2E2A1,ALX,CL5S,12,4,9,12,590,15,40,MEPDG,0.16034020000000,0.00034439470000
C4B1H2S2P4L1M2J2E2A2,ALX,CL5S,12,4,9,12,590,15,40,MNAVG,0.06926467000000,0.00006685773000
C4B1H2S2P4L1M2J2E2A3,ALX,CL5S,12,4,9,12,590,15,40,MNHVY,0.13565370000000,0.00069937550000
C4B1H2S2P4L1M3J1E1A1,ALX,CL5S,12,4,9,12,840,12,10,MEPDG,0.00281117500000,0.00002701026000
C4B1H2S2P4L1M3J1E1A2,ALX,CL5S,12,4,9,12,840,12,10,MNAVG,0.00064143500000,0.00000317023900
C4B1H2S2P4L1M3J1E1A3,ALX,CL5S,12,4,9,12,840,12,10,MNHVY,0.00075275960000,0.00004069245000
C4B1H2S2P4L1M3J1E2A1,ALX,CL5S,12,4,9,12,840,12,40,MEPDG,0.00079987080000,0.00002219555000
C4B1H2S2P4L1M3J1E2A2,ALX,CL5S,12,4,9,12,840,12,40,MNAVG,0.00021129210000,0.00000225521700
C4B1H2S2P4L1M3J1E2A3,ALX,CL5S,12,4,9,12,840,12,40,MNHVY,0.00022266390000,0.00002963281000
C4B1H2S2P4L1M3J2E1A1,ALX,CL5S,12,4,9,12,840,15,10,MEPDG,0.02411828000000,0.00009020766000
C4B1H2S2P4L1M3J2E1A2,ALX,CL5S,12,4,9,12,840,15,10,MNAVG,0.00638731900000,0.00001464110000
C4B1H2S2P4L1M3J2E1A3,ALX,CL5S,12,4,9,12,840,15,10,MNHVY,0.01383611000000,0.00017109730000
C4B1H2S2P4L1M3J2E2A1,ALX,CL5S,12,4,9,12,840,15,40,MEPDG,0.00815218600000,0.00005351732000
C4B1H2S2P4L1M3J2E2A2,ALX,CL5S,12,4,9,12,840,15,40,MNAVG,0.00240984500000,0.00000808083800
C4B1H2S2P4L1M3J2E2A3,ALX,CL5S,12,4,9,12,840,15,40,MNHVY,0.00451636700000,0.00009649554000
C4B1H2S2P4L2M1J1E1A1,ALX,CL5S,12,4,9,13,340,12,10,MEPDG,0.35431110000000,0.00078982370000
C4B1H2S2P4L2M1J1E1A2,ALX,CL5S,12,4,9,13,340,12,10,MNAVG,0.17484100000000,0.00016303320000
C4B1H2S2P4L2M1J1E1A3,ALX,CL5S,12,4,9,13,340,12,10,MNHVY,0.28559320000000,0.00162043700000
C4B1H2S2P4L2M1J1E2A1,ALX,CL5S,12,4,9,13,340,12,40,MEPDG,0.35431110000000,0.00078982370000
C4B1H2S2P4L2M1J1E2A2,ALX,CL5S,12,4,9,13,340,12,40,MNAVG,0.17484100000000,0.00016303320000
C4B1H2S2P4L2M1J1E2A3,ALX,CL5S,12,4,9,13,340,12,40,MNHVY,0.28559320000000,0.00162043700000
C4B1H2S2P4L2M1J2E1A1,ALX,CL5S,12,4,9,13,340,15,10,MEPDG,1.23827200000000,0.00387732100000
C4B1H2S2P4L2M1J2E1A2,ALX,CL5S,12,4,9,13,340,15,10,MNAVG,0.81481860000000,0.00091283820000
C4B1H2S2P4L2M1J2E1A3,ALX,CL5S,12,4,9,13,340,15,10,MNHVY,1.53818900000000,0.00802817600000
C4B1H2S2P4L2M1J2E2A1,ALX,CL5S,12,4,9,13,340,15,40,MEPDG,1.23827200000000,0.00387732100000
C4B1H2S2P4L2M1J2E2A2,ALX,CL5S,12,4,9,13,340,15,40,MNAVG,0.81481860000000,0.00091283820000
C4B1H2S2P4L2M1J2E2A3,ALX,CL5S,12,4,9,13,340,15,40,MNHVY,1.53818900000000,0.00802817600000
C4B1H2S2P4L2M2J1E1A1,ALX,CL5S,12,4,9,13,590,12,10,MEPDG,0.00502317300000,0.00001370069000
C4B1H2S2P4L2M2J1E1A2,ALX,CL5S,12,4,9,13,590,12,10,MNAVG,0.00155323800000,0.00000213055400
C4B1H2S2P4L2M2J1E1A3,ALX,CL5S,12,4,9,13,590,12,10,MNHVY,0.00198758100000,0.00002467785000
C4B1H2S2P4L2M2J1E2A1,ALX,CL5S,12,4,9,13,590,12,40,MEPDG,0.00502317300000,0.00001370069000
C4B1H2S2P4L2M2J1E2A2,ALX,CL5S,12,4,9,13,590,12,40,MNAVG,0.00155323800000,0.00000213055400
C4B1H2S2P4L2M2J1E2A3,ALX,CL5S,12,4,9,13,590,12,40,MNHVY,0.00198758100000,0.00002467785000
C4B1H2S2P4L2M2J2E1A1,ALX,CL5S,12,4,9,13,590,15,10,MEPDG,0.03725232000000,0.00017897460000
C4B1H2S2P4L2M2J2E1A2,ALX,CL5S,12,4,9,13,590,15,10,MNAVG,0.01620909000000,0.00003510690000
C4B1H2S2P4L2M2J2E1A3,ALX,CL5S,12,4,9,13,590,15,10,MNHVY,0.03129349000000,0.00036321430000
```

```
C4B1H2S2P4L2M2J2E2A1,ALX,CL5S,12,4,9,13,590,15,40,MEPDG,0.03725232000000,0.00017897460000
C4B1H2S2P4L2M2J2E2A2,ALX,CL5S,12,4,9,13,590,15,40,MNAVG,0.01620909000000,0.00003510690000
C4B1H2S2P4L2M2J2E2A3,ALX,CL5S,12,4,9,13,590,15,40,MNHVY,0.03129349000000,0.00036321430000
C4B1H2S2P4L2M3J1E1A1,ALX,CL5S,12,4,9,13,840,12,10,MEPDG,0.00014819470000,0.00000954620800
C4B1H2S2P4L2M3J1E1A2,ALX,CL5S,12,4,9,13,840,12,10,MNAVG,0.00004031678000,0.00000095107830
C4B1H2S2P4L2M3J1E1A3,ALX,CL5S,12,4,9,13,840,12,10,MNHVY,0.00004126967000,0.00001247871000
C4B1H2S2P4L2M3J1E2A1,ALX,CL5S,12,4,9,13,840,12,40,MEPDG,0.00014819470000,0.00000954620800
C4B1H2S2P4L2M3J1E2A2,ALX,CL5S,12,4,9,13,840,12,40,MNAVG,0.00004031678000,0.00000095107830
C4B1H2S2P4L2M3J1E2A3,ALX,CL5S,12,4,9,13,840,12,40,MNHVY,0.00004126967000,0.00001247871000
C4B1H2S2P4L2M3J2E1A1,ALX,CL5S,12,4,9,13,840,15,10,MEPDG,0.00170673900000,0.00002934959000
C4B1H2S2P4L2M3J2E1A2,ALX,CL5S,12,4,9,13,840,15,10,MNAVG,0.00051262210000,0.00000444395000
C4B1H2S2P4L2M3J2E1A3,ALX,CL5S,12,4,9,13,840,15,10,MNHVY,0.00093543820000,0.00005272886000
C4B1H2S2P4L2M3J2E2A1,ALX,CL5S,12,4,9,13,840,15,40,MEPDG,0.00170673900000,0.00002934959000
C4B1H2S2P4L2M3J2E2A2,ALX,CL5S,12,4,9,13,840,15,40,MNAVG,0.00051262210000,0.00000444395000
C4B1H2S2P4L2M3J2E2A3,ALX,CL5S,12,4,9,13,840,15,40,MNHVY,0.00093543820000,0.00005272886000
C4B1H2S2P5L1M1J1E1A1,ALX,CL5S,12,4,10,12,340,12,10,MEPDG,0.94107900000000,0.00256956000000
C4B1H2S2P5L1M1J1E1A2,ALX,CL5S,12,4,10,12,340,12,10,MNAVG,0.36228100000000,0.00050511610000
C4B1H2S2P5L1M1J1E1A3,ALX,CL5S,12,4,10,12,340,12,10,MNHVY,0.61221460000000,0.00534439400000
C4B1H2S2P5L1M1J1E2A1,ALX,CL5S,12,4,10,12,340,12,40,MEPDG,0.39843530000000,0.00154368300000
C4B1H2S2P5L1M1J1E2A2,ALX,CL5S,12,4,10,12,340,12,40,MNAVG,0.15828460000000,0.00029926020000
C4B1H2S2P5L1M1J1E2A3,ALX,CL5S,12,4,10,12,340,12,40,MNHVY,0.24341190000000,0.00316180100000
C4B1H2S2P5L1M1J2E1A1,ALX,CL5S,12,4,10,12,340,15,10,MEPDG,3.39858700000000,0.01109378000000
C4B1H2S2P5L1M1J2E1A2,ALX,CL5S,12,4,10,12,340,15,10,MNAVG,1.80230000000000,0.00250841200000
C4B1H2S2P5L1M1J2E1A3,ALX,CL5S,12,4,10,12,340,15,10,MNHVY,3.71199600000000,0.02338481000000
C4B1H2S2P5L1M1J2E2A1,ALX,CL5S,12,4,10,12,340,15,40,MEPDG,1.65804000000000,0.00744760200000
C4B1H2S2P5L1M1J2E2A2,ALX,CL5S,12,4,10,12,340,15,40,MNAVG,0.92622070000000,0.00168050300000
C4B1H2S2P5L1M1J2E2A3,ALX,CL5S,12,4,10,12,340,15,40,MNHVY,1.78261200000000,0.01556921000000
C4B1H2S2P5L1M2J1E1A1,ALX,CL5S,12,4,10,12,590,12,10,MEPDG,0.01205536000000,0.00003110434000
C4B1H2S2P5L1M2J1E1A2,ALX,CL5S,12,4,10,12,590,12,10,MNAVG,0.00280073300000,0.00000452887100
C4B1H2S2P5L1M2J1E1A3,ALX,CL5S,12,4,10,12,590,12,10,MNHVY,0.00355177300000,0.00005615370000
C4B1H2S2P5L1M2J1E2A1,ALX,CL5S,12,4,10,12,590,12,40,MEPDG,0.00368520900000,0.00002366249000
C4B1H2S2P5L1M2J1E2A2,ALX,CL5S,12,4,10,12,590,12,40,MNAVG,0.00097780220000,0.00000333550200
C4B1H2S2P5L1M2J1E2A3,ALX,CL5S,12,4,10,12,590,12,40,MNHVY,0.00108373000000,0.00004113503000
C4B1H2S2P5L1M2J2E1A1,ALX,CL5S,12,4,10,12,590,15,10,MEPDG,0.08351622000000,0.02080991000000
C4B1H2S2P5L1M2J2E1A2,ALX,CL5S,12,4,10,12,590,15,10,MNAVG,0.02491742000000,0.00347274200000
C4B1H2S2P5L1M2J2E1A3,ALX,CL5S,12,4,10,12,590,15,10,MNHVY,0.05255714000000,0.03979144000000
C4B1H2S2P5L1M2J2E2A1,ALX,CL5S,12,4,10,12,590,15,40,MEPDG,0.03061814000000,0.00022090950000
C4B1H2S2P5L1M2J2E2A2,ALX,CL5S,12,4,10,12,590,15,40,MNAVG,0.01010170000000,0.00004069456000
C4B1H2S2P5L1M2J2E2A3,ALX,CL5S,12,4,10,12,590,15,40,MNHVY,0.01863532000000,0.00044409960000
C4B1H2S2P5L1M3J1E1A1,ALX,CL5S,12,4,10,12,840,12,10,MEPDG,0.00036338430000,0.00001405072000
C4B1H2S2P5L1M3J1E1A2,ALX,CL5S,12,4,10,12,840,12,10,MNAVG,0.00007418926000,0.00000147348700
C4B1H2S2P5L1M3J1E1A3,ALX,CL5S,12,4,10,12,840,12,10,MNHVY,0.00007273351000,0.00002012992000
C4B1H2S2P5L1M3J1E2A1,ALX,CL5S,12,4,10,12,840,12,40,MEPDG,0.00008817671000,0.00001065227000
C4B1H2S2P5L1M3J1E2A2,ALX,CL5S,12,4,10,12,840,12,40,MNAVG,0.00002194039000,0.00000102318000
C4B1H2S2P5L1M3J1E2A3,ALX,CL5S,12,4,10,12,840,12,40,MNHVY,0.00001922909000,0.00001390516000
C4B1H2S2P5L1M3J2E1A1,ALX,CL5S,12,4,10,12,840,15,10,MEPDG,0.00339778800000,0.00078825980000
C4B1H2S2P5L1M3J2E1A2,ALX,CL5S,12,4,10,12,840,15,10,MNAVG,0.00067842720000,0.00011600440000
C4B1H2S2P5L1M3J2E1A3,ALX,CL5S,12,4,10,12,840,15,10,MNHVY,0.00127894700000,0.00141399900000
C4B1H2S2P5L1M3J2E2A1,ALX,CL5S,12,4,10,12,840,15,40,MEPDG,0.00099755420000,0.00003487746000
C4B1H2S2P5L1M3J2E2A2,ALX,CL5S,12,4,10,12,840,15,40,MNAVG,0.00023451510000,0.00000503069300
```

```
C4B1H2S2P5L1M3J2E2A3,ALX,CL5S,12,4,10,12,840,15,40,MNHVY,0.00036790120000,0.00006167698000
C4B1H2S2P5L2M1J1E1A1,ALX,CL5S,12,4,10,13,340,12,10,MEPDG,0.08838816000000,0.00056053260000
C4B1H2S2P5L2M1J1E1A2,ALX,CL5S,12,4,10,13,340,12,10,MNAVG,0.03465874000000,0.00010877790000
C4B1H2S2P5L2M1J1E1A3,ALX,CL5S,12,4,10,13,340,12,10,MNHVY,0.05221788000000,0.00114716800000
C4B1H2S2P5L2M1J1E2A1,ALX,CL5S,12,4,10,13,340,12,40,MEPDG,0.08838816000000,0.00056053260000
C4B1H2S2P5L2M1J1E2A2,ALX,CL5S,12,4,10,13,340,12,40,MNAVG,0.03465874000000,0.00010877790000
C4B1H2S2P5L2M1J1E2A3,ALX,CL5S,12,4,10,13,340,12,40,MNHVY,0.05221788000000,0.00114716800000
C4B1H2S2P5L2M1J2E1A1,ALX,CL5S,12,4,10,13,340,15,10,MEPDG,0.41369970000000,0.00464610800000
C4B1H2S2P5L2M1J2E1A2,ALX,CL5S,12,4,10,13,340,15,10,MNAVG,0.23231500000000,0.00106067200000
C4B1H2S2P5L2M1J2E1A3,ALX,CL5S,12,4,10,13,340,15,10,MNHVY,0.44143520000000,0.00969317000000
C4B1H2S2P5L2M1J2E2A1,ALX,CL5S,12,4,10,13,340,15,40,MEPDG,0.41369970000000,0.00464610800000
C4B1H2S2P5L2M1J2E2A2,ALX,CL5S,12,4,10,13,340,15,40,MNAVG,0.23231500000000,0.00106067200000
C4B1H2S2P5L2M1J2E2A3,ALX,CL5S,12,4,10,13,340,15,40,MNHVY,0.44143520000000,0.00969317000000
C4B1H2S2P5L2M2J1E1A1,ALX,CL5S,12,4,10,13,590,12,10,MEPDG,0.00070316900000,0.00001135664000
C4B1H2S2P5L2M2J1E1A2,ALX,CL5S,12,4,10,13,590,12,10,MNAVG,0.00019192410000,0.00000161455400
C4B1H2S2P5L2M2J1E1A3,ALX,CL5S,12,4,10,13,590,12,10,MNHVY,0.00020486950000,0.00001982039000
C4B1H2S2P5L2M2J1E2A1,ALX,CL5S,12,4,10,13,590,12,40,MEPDG,0.00070316900000,0.00001135664000
C4B1H2S2P5L2M2J1E2A2,ALX,CL5S,12,4,10,13,590,12,40,MNAVG,0.00019192410000,0.00000161455400
C4B1H2S2P5L2M2J1E2A3,ALX,CL5S,12,4,10,13,590,12,40,MNHVY,0.00020486950000,0.00001982039000
C4B1H2S2P5L2M2J2E1A1,ALX,CL5S,12,4,10,13,590,15,10,MEPDG,0.00665773400000,0.00011495230000
C4B1H2S2P5L2M2J2E1A2,ALX,CL5S,12,4,10,13,590,15,10,MNAVG,0.00222864000000,0.00002143457000
C4B1H2S2P5L2M2J2E1A3,ALX,CL5S,12,4,10,13,590,15,10,MNHVY,0.00400209000000,0.00023129680000
C4B1H2S2P5L2M2J2E2A1,ALX,CL5S,12,4,10,13,590,15,40,MEPDG,0.00665773400000,0.00011495230000
C4B1H2S2P5L2M2J2E2A2,ALX,CL5S,12,4,10,13,590,15,40,MNAVG,0.00222864000000,0.00002143457000
C4B1H2S2P5L2M2J2E2A3,ALX,CL5S,12,4,10,13,590,15,40,MNHVY,0.00400209000000,0.00023129680000
C4B1H2S2P5L2M3J1E1A1,ALX,CL5S,12,4,10,13,840,12,10,MEPDG,0.00001511342000,0.00000486873300
C4B1H2S2P5L2M3J1E1A2,ALX,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000394363000,0.00000046358790
C4B1H2S2P5L2M3J1E1A3,ALX,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000332580400,0.00000629317500
C4B1H2S2P5L2M3J1E2A1,ALX,CL5S,12,4,10,13,840,12,40,MEPDG,0.00001511342000,0.00000486873300
C4B1H2S2P5L2M3J1E2A2,ALX,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000394363000,0.00000046358790
C4B1H2S2P5L2M3J1E2A3,ALX,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000332580400,0.00000629317500
C4B1H2S2P5L2M3J2E1A1,ALX,CL5S,12,4,10,13,840,15,10,MEPDG,0.00019418370000,0.00002025363000
C4B1H2S2P5L2M3J2E1A2,ALX,CL5S,12,4,10,13,840,15,10,MNAVG,0.00004711590000,0.00000295271400
C4B1H2S2P5L2M3J2E1A3,ALX,CL5S,12,4,10,13,840,15,10,MNHVY,0.00007118376000,0.00003587989000
C4B1H2S2P5L2M3J2E2A1,ALX,CL5S,12,4,10,13,840,15,40,MEPDG,0.00019418370000,0.00002025363000
C4B1H2S2P5L2M3J2E2A2,ALX,CL5S,12,4,10,13,840,15,40,MNAVG,0.00004711590000,0.00000295271400
C4B1H2S2P5L2M3J2E2A3,ALX,CL5S,12,4,10,13,840,15,40,MNHVY,0.00007118376000,0.00003587989000
C4B1H2S2P6L1M1J1E1A1,ALX,CL5S,12,4,11,12,340,12,10,MEPDG,0.24899830000000,0.00511523900000
C4B1H2S2P6L1M1J1E1A2,ALX,CL5S,12,4,11,12,340,12,10,MNAVG,0.07351689000000,0.00086425630000
C4B1H2S2P6L1M1J1E1A3,ALX,CL5S,12,4,11,12,340,12,10,MNHVY,0.11448040000000,0.01010284000000
C4B1H2S2P6L1M1J1E2A1,ALX,CL5S,12,4,11,12,340,12,40,MEPDG,0.09409646000000,0.00096761100000
C4B1H2S2P6L1M1J1E2A2,ALX,CL5S,12,4,11,12,340,12,40,MNAVG,0.02956924000000,0.00017278230000
C4B1H2S2P6L1M1J1E2A3,ALX,CL5S,12,4,11,12,340,12,40,MNHVY,0.04073122000000,0.00195179200000
C4B1H2S2P6L1M1J2E1A1,ALX,CL5S,12,4,11,12,340,15,10,MEPDG,1.11709400000000,0.18713860000000
C4B1H2S2P6L1M1J2E1A2,ALX,CL5S,12,4,11,12,340,15,10,MNAVG,0.47413670000000,0.03479752000000
C4B1H2S2P6L1M1J2E1A3,ALX,CL5S,12,4,11,12,340,15,10,MNHVY,0.98998460000000,0.37866200000000
C4B1H2S2P6L1M1J2E2A1,ALX,CL5S,12,4,11,12,340,15,40,MEPDG,0.49500390000000,0.13940240000000
C4B1H2S2P6L1M1J2E2A2,ALX,CL5S,12,4,11,12,340,15,40,MNAVG,0.22531700000000,0.02503182000000
C4B1H2S2P6L1M1J2E2A3,ALX,CL5S,12,4,11,12,340,15,40,MNHVY,0.42844810000000,0.27472760000000
C4B1H2S2P6L1M2J1E1A1,ALX,CL5S,12,4,11,12,590,12,10,MEPDG,0.00207883300000,0.00002145058000
```

```
C4B1H2S2P6L1M2J1E1A2,ALX,CL5S,12,4,11,12,590,12,10,MNAVG,0.00042711600000,0.00000274331300
C4B1H2S2P6L1M2J1E1A3,ALX,CL5S,12,4,11,12,590,12,10,MNHVY,0.00045684280000,0.00003658962000
C4B1H2S2P6L1M2J1E2A1,ALX,CL5S,12,4,11,12,590,12,40,MEPDG,0.00055557580000,0.00001846167000
C4B1H2S2P6L1M2J1E2A2,ALX,CL5S,12,4,11,12,590,12,40,MNAVG,0.00013771690000,0.00000233779500
C4B1H2S2P6L1M2J1E2A3,ALX,CL5S,12,4,11,12,590,12,40,MNHVY,0.00012918370000,0.00003076220000
C4B1H2S2P6L1M2J2E1A1,ALX,CL5S,12,4,11,12,590,15,10,MEPDG,0.01497003000000,0.01059033000000
C4B1H2S2P6L1M2J2E1A2,ALX,CL5S,12,4,11,12,590,15,10,MNAVG,0.00336174100000,0.00158904900000
C4B1H2S2P6L1M2J2E1A3,ALX,CL5S,12,4,11,12,590,15,10,MNHVY,0.00611379500000,0.01938084000000
C4B1H2S2P6L1M2J2E2A1,ALX,CL5S,12,4,11,12,590,15,40,MEPDG,0.00482711400000,0.00012833030000
C4B1H2S2P6L1M2J2E2A2,ALX,CL5S,12,4,11,12,590,15,40,MNAVG,0.00124496800000,0.00002184069000
C4B1H2S2P6L1M2J2E2A3,ALX,CL5S,12,4,11,12,590,15,40,MNHVY,0.00193550400000,0.00025252960000
C4B1H2S2P6L1M3J1E1A1,ALX,CL5S,12,4,11,12,840,12,10,MEPDG,0.00004610708000,0.00000749617500
C4B1H2S2P6L1M3J1E1A2,ALX,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000842689400,0.00000071950080
C4B1H2S2P6L1M3J1E1A3,ALX,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000693750800,0.00001030048000
C4B1H2S2P6L1M3J1E2A1,ALX,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000953754600,0.00000550758300
C4B1H2S2P6L1M3J1E2A2,ALX,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000225273100,0.00000049990330
C4B1H2S2P6L1M3J1E2A3,ALX,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000164584300,0.00000709670100
C4B1H2S2P6L1M3J2E1A1,ALX,CL5S,12,4,11,12,840,15,10,MEPDG,0.00036500320000,0.00002587193000
C4B1H2S2P6L1M3J2E1A2,ALX,CL5S,12,4,11,12,840,15,10,MNAVG,0.00006108864000,0.00000351400800
C4B1H2S2P6L1M3J2E1A3,ALX,CL5S,12,4,11,12,840,15,10,MNHVY,0.00008101967000,0.00004563300000
C4B1H2S2P6L1M3J2E2A1,ALX,CL5S,12,4,11,12,840,15,40,MEPDG,0.00009100830000,0.00002248969000
C4B1H2S2P6L1M3J2E2A2,ALX,CL5S,12,4,11,12,840,15,40,MNAVG,0.00001890970000,0.00000303843800
C4B1H2S2P6L1M3J2E2A3,ALX,CL5S,12,4,11,12,840,15,40,MNHVY,0.00002132727000,0.00003881518000
C4B1H2S2P6L2M1J1E1A1,ALX,CL5S,12,4,11,13,340,12,10,MEPDG,0.01977598000000,0.00052150700000
C4B1H2S2P6L2M1J1E1A2,ALX,CL5S,12,4,11,13,340,12,10,MNAVG,0.00621892900000,0.00009379922000
C4B1H2S2P6L2M1J1E1A3,ALX,CL5S,12,4,11,13,340,12,10,MNHVY,0.00828590800000,0.00105498200000
C4B1H2S2P6L2M1J1E2A1,ALX,CL5S,12,4,11,13,340,12,40,MEPDG,0.01977598000000,0.00052150700000
C4B1H2S2P6L2M1J1E2A2,ALX,CL5S,12,4,11,13,340,12,40,MNAVG,0.00621892900000,0.00009379922000
C4B1H2S2P6L2M1J1E2A3,ALX,CL5S,12,4,11,13,340,12,40,MNHVY,0.00828590800000,0.00105498200000
C4B1H2S2P6L2M1J2E1A1,ALX,CL5S,12,4,11,13,340,15,10,MEPDG,0.11784100000000,0.05904556000000
C4B1H2S2P6L2M1J2E1A2,ALX,CL5S,12,4,11,13,340,15,10,MNAVG,0.05409622000000,0.01119844000000
C4B1H2S2P6L2M1J2E1A3,ALX,CL5S,12,4,11,13,340,15,10,MNHVY,0.10092050000000,0.11878360000000
C4B1H2S2P6L2M1J2E2A1,ALX,CL5S,12,4,11,13,340,15,40,MEPDG,0.11784100000000,0.05904556000000
C4B1H2S2P6L2M1J2E2A2,ALX,CL5S,12,4,11,13,340,15,40,MNAVG,0.05409622000000,0.01119844000000
C4B1H2S2P6L2M1J2E2A3,ALX,CL5S,12,4,11,13,340,15,40,MNHVY,0.10092050000000,0.11878360000000
C4B1H2S2P6L2M2J1E1A1,ALX,CL5S,12,4,11,13,590,12,10,MEPDG,0.00009958656000,0.00000945436200
C4B1H2S2P6L2M2J1E1A2,ALX,CL5S,12,4,11,13,590,12,10,MNAVG,0.00002586157000,0.00000120736400
C4B1H2S2P6L2M2J1E1A3,ALX,CL5S,12,4,11,13,590,12,10,MNHVY,0.00002328842000,0.00001581883000
C4B1H2S2P6L2M2J1E2A1,ALX,CL5S,12,4,11,13,590,12,40,MEPDG,0.00009958656000,0.00000945436200
C4B1H2S2P6L2M2J1E2A2,ALX,CL5S,12,4,11,13,590,12,40,MNAVG,0.00002586157000,0.00000120736400
C4B1H2S2P6L2M2J1E2A3,ALX,CL5S,12,4,11,13,590,12,40,MNHVY,0.00002328842000,0.00001581883000
C4B1H2S2P6L2M2J2E1A1,ALX,CL5S,12,4,11,13,590,15,10,MEPDG,0.00097419800000,0.00290674100000
C4B1H2S2P6L2M2J2E1A2,ALX,CL5S,12,4,11,13,590,15,10,MNAVG,0.00025819890000,0.00044568850000
C4B1H2S2P6L2M2J2E1A3,ALX,CL5S,12,4,11,13,590,15,10,MNHVY,0.00038520380000,0.00531389800000
C4B1H2S2P6L2M2J2E2A1,ALX,CL5S,12,4,11,13,590,15,40,MEPDG,0.00097419800000,0.00290674100000
C4B1H2S2P6L2M2J2E2A2,ALX,CL5S,12,4,11,13,590,15,40,MNAVG,0.00025819890000,0.00044568850000
C4B1H2S2P6L2M2J2E2A3,ALX,CL5S,12,4,11,13,590,15,40,MNHVY,0.00038520380000,0.00531389800000
C4B1H2S2P6L2M3J1E1A1,ALX,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000154592100,0.00000262580400
C4B1H2S2P6L2M3J1E1A2,ALX,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000038877000,0.00000023931710
C4B1H2S2P6L2M3J1E1A3,ALX,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000027440110,0.00000338720100
```

```
C4B1H2S2P6L2M3J1E2A1,ALX,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000154592100,0.00000262580400
C4B1H2S2P6L2M3J1E2A2,ALX,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000038877000,0.00000023931710
C4B1H2S2P6L2M3J1E2A3,ALX,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000027440110,0.00000338720100
C4B1H2S2P6L2M3J2E1A1,ALX,CL5S,12,4,11,13,840,15,10,MEPDG,0.00001626155000,0.00001223692000
C4B1H2S2P6L2M3J2E1A2,ALX,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000356330700,0.00000167199100
C4B1H2S2P6L2M3J2E1A3,ALX,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000384110700,0.00002121679000
C4B1H2S2P6L2M3J2E2A1,ALX,CL5S,12,4,11,13,840,15,40,MEPDG,0.00001626155000,0.00001223692000
C4B1H2S2P6L2M3J2E2A2,ALX,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000356330700,0.00000167199100
C4B1H2S2P6L2M3J2E2A3,ALX,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000384110700,0.00002121679000
C4B1H2S2P7L1M1J1E1A1,ALX,CL5S,12,4,12,12,340,12,10,MEPDG,0.06445830000000,0.00088864340000
C4B1H2S2P7L1M1J1E1A2,ALX,CL5S,12,4,12,12,340,12,10,MNAVG,0.01530421000000,0.00014669840000
C4B1H2S2P7L1M1J1E1A3,ALX,CL5S,12,4,12,12,340,12,10,MNHVY,0.02157009000000,0.00176040700000
C4B1H2S2P7L1M1J1E2A1,ALX,CL5S,12,4,12,12,340,12,40,MEPDG,0.02177546000000,0.00057943250000
C4B1H2S2P7L1M1J1E2A2,ALX,CL5S,12,4,12,12,340,12,40,MNAVG,0.00576726200000,0.00009541509000
C4B1H2S2P7L1M1J1E2A3,ALX,CL5S,12,4,12,12,340,12,40,MNHVY,0.00705540200000,0.00113496300000
C4B1H2S2P7L1M1J2E1A1,ALX,CL5S,12,4,12,12,340,15,10,MEPDG,0.32663640000000,0.19345250000000
C4B1H2S2P7L1M1J2E1A2,ALX,CL5S,12,4,12,12,340,15,10,MNAVG,0.10722700000000,0.03147951000000
C4B1H2S2P7L1M1J2E1A3,ALX,CL5S,12,4,12,12,340,15,10,MNHVY,0.21916330000000,0.36719790000000
C4B1H2S2P7L1M1J2E2A1,ALX,CL5S,12,4,12,12,340,15,40,MEPDG,0.13034970000000,0.11362450000000
C4B1H2S2P7L1M1J2E2A2,ALX,CL5S,12,4,12,12,340,15,40,MNAVG,0.04688700000000,0.01859803000000
C4B1H2S2P7L1M1J2E2A3,ALX,CL5S,12,4,12,12,340,15,40,MNHVY,0.08495383000000,0.21441160000000
C4B1H2S2P7L1M2J1E1A1,ALX,CL5S,12,4,12,12,590,12,10,MEPDG,0.00038960800000,0.00001271198000
C4B1H2S2P7L1M2J1E1A2,ALX,CL5S,12,4,12,12,590,12,10,MNAVG,0.00007139752000,0.00000150528000
C4B1H2S2P7L1M2J1E1A3,ALX,CL5S,12,4,12,12,590,12,10,MNHVY,0.00006873691000,0.00002066783000
C4B1H2S2P7L1M2J1E2A1,ALX,CL5S,12,4,12,12,590,12,40,MEPDG,0.00009383780000,0.00010247540000
C4B1H2S2P7L1M2J1E2A2,ALX,CL5S,12,4,12,12,590,12,40,MNAVG,0.00002161596000,0.00001144392000
C4B1H2S2P7L1M2J1E2A3,ALX,CL5S,12,4,12,12,590,12,40,MNHVY,0.00001844377000,0.00015623230000
C4B1H2S2P7L1M2J2E1A1,ALX,CL5S,12,4,12,12,590,15,10,MEPDG,0.00241472200000,0.00500766000000
C4B1H2S2P7L1M2J2E1A2,ALX,CL5S,12,4,12,12,590,15,10,MNAVG,0.00043725570000,0.00068770380000
C4B1H2S2P7L1M2J2E1A3,ALX,CL5S,12,4,12,12,590,15,10,MNHVY,0.00064419590000,0.00875451100000
C4B1H2S2P7L1M2J2E2A1,ALX,CL5S,12,4,12,12,590,15,40,MEPDG,0.00068600120000,0.00272166600000
C4B1H2S2P7L1M2J2E2A2,ALX,CL5S,12,4,12,12,590,15,40,MNAVG,0.00015026480000,0.00038193260000
C4B1H2S2P7L1M2J2E2A3,ALX,CL5S,12,4,12,12,590,15,40,MNHVY,0.00018885890000,0.00477911600000
C4B1H2S2P7L1M3J1E1A1,ALX,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000990393300,0.00000737435400
C4B1H2S2P7L1M3J1E1A2,ALX,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000134437300,0.00000058542970
C4B1H2S2P7L1M3J1E1A3,ALX,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000117546100,0.00000870678200
C4B1H2S2P7L1M3J1E2A1,ALX,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000192164200,0.00000548506600
C4B1H2S2P7L1M3J1E2A2,ALX,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000034953130,0.00000041273710
C4B1H2S2P7L1M3J1E2A3,ALX,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000026017370,0.00000611302400
C4B1H2S2P7L1M3J2E1A1,ALX,CL5S,12,4,12,12,840,15,10,MEPDG,0.00004406464000,0.00004517735000
C4B1H2S2P7L1M3J2E1A2,ALX,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000644628300,0.00000531087600
C4B1H2S2P7L1M3J2E1A3,ALX,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000693760800,0.00007325850000
C4B1H2S2P7L1M3J2E2A1,ALX,CL5S,12,4,12,12,840,15,40,MEPDG,0.00000985768200,0.00003311768000
C4B1H2S2P7L1M3J2E2A2,ALX,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000187246400,0.00000382662600
C4B1H2S2P7L1M3J2E2A3,ALX,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000174848800,0.00005221459000
C4B1H2S2P7L2M1J1E1A1,ALX,CL5S,12,4,12,13,340,12,10,MEPDG,0.00435039000000,0.00032212780000
C4B1H2S2P7L2M1J1E1A2,ALX,CL5S,12,4,12,13,340,12,10,MNAVG,0.00117659800000,0.00005363719000
C4B1H2S2P7L2M1J1E1A3,ALX,CL5S,12,4,12,13,340,12,10,MNHVY,0.00137964600000,0.00063356950000
C4B1H2S2P7L2M1J1E2A1,ALX,CL5S,12,4,12,13,340,12,40,MEPDG,0.00435039000000,0.00032212780000
C4B1H2S2P7L2M1J1E2A2,ALX,CL5S,12,4,12,13,340,12,40,MNAVG,0.00117659800000,0.00005363719000
```

```
C4B1H2S2P7L2M1J1E2A3,ALX,CL5S,12,4,12,13,340,12,40,MNHVY,0.00137964600000,0.00063356950000
C4B1H2S2P7L2M1J2E1A1,ALX,CL5S,12,4,12,13,340,15,10,MEPDG,0.02927434000000,0.05854403000000
C4B1H2S2P7L2M1J2E1A2,ALX,CL5S,12,4,12,13,340,15,10,MNAVG,0.01066943000000,0.00992316800000
C4B1H2S2P7L2M1J2E1A3,ALX,CL5S,12,4,12,13,340,15,10,MNHVY,0.01877881000000,0.11230540000000
C4B1H2S2P7L2M1J2E2A1,ALX,CL5S,12,4,12,13,340,15,40,MEPDG,0.02927434000000,0.05854403000000
C4B1H2S2P7L2M1J2E2A2,ALX,CL5S,12,4,12,13,340,15,40,MNAVG,0.01066943000000,0.00992316800000
C4B1H2S2P7L2M1J2E2A3,ALX,CL5S,12,4,12,13,340,15,40,MNHVY,0.01877881000000,0.11230540000000
C4B1H2S2P7L2M2J1E1A1,ALX,CL5S,12,4,12,13,590,12,10,MEPDG,0.00001599591000,0.00000567686700
C4B1H2S2P7L2M2J1E1A2,ALX,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000391596400,0.00000068269990
C4B1H2S2P7L2M2J1E1A3,ALX,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000319859200,0.00000920786700
C4B1H2S2P7L2M2J1E2A1,ALX,CL5S,12,4,12,13,590,12,40,MEPDG,0.00001599591000,0.00000567686700
C4B1H2S2P7L2M2J1E2A2,ALX,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000391596400,0.00000068269990
C4B1H2S2P7L2M2J1E2A3,ALX,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000319859200,0.00000920786700
C4B1H2S2P7L2M2J2E1A1,ALX,CL5S,12,4,12,13,590,15,10,MEPDG,0.00012950780000,0.00124844700000
C4B1H2S2P7L2M2J2E1A2,ALX,CL5S,12,4,12,13,590,15,10,MNAVG,0.00002968562000,0.00018484920000
C4B1H2S2P7L2M2J2E1A3,ALX,CL5S,12,4,12,13,590,15,10,MNHVY,0.00003565014000,0.00226418600000
C4B1H2S2P7L2M2J2E2A1,ALX,CL5S,12,4,12,13,590,15,40,MEPDG,0.00012950780000,0.00124844700000
C4B1H2S2P7L2M2J2E2A2,ALX,CL5S,12,4,12,13,590,15,40,MNAVG,0.00002968562000,0.00018484920000
C4B1H2S2P7L2M2J2E2A3,ALX,CL5S,12,4,12,13,590,15,40,MNHVY,0.00003565014000,0.00226418600000
C4B1H2S2P7L2M3J1E1A1,ALX,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000022294090,0.00000259862600
C4B1H2S2P7L2M3J1E1A2,ALX,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000004955572,0.00000019605490
C4B1H2S2P7L2M3J1E1A3,ALX,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000003185907,0.00000289736400
C4B1H2S2P7L2M3J1E2A1,ALX,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000022294090,0.00000259862600
C4B1H2S2P7L2M3J1E2A2,ALX,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000004955572,0.00000019605490
C4B1H2S2P7L2M3J1E2A3,ALX,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000003185907,0.00000289736400
C4B1H2S2P7L2M3J2E1A1,ALX,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000168148200,0.00001810130000
C4B1H2S2P7L2M3J2E1A2,ALX,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000034102780,0.00000211631600
C4B1H2S2P7L2M3J2E1A3,ALX,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000030731950,0.00002871662000
C4B1H2S2P7L2M3J2E2A1,ALX,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000168148200,0.00001810130000
C4B1H2S2P7L2M3J2E2A2,ALX,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000034102780,0.00000211631600
C4B1H2S2P7L2M3J2E2A3,ALX,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000030731950,0.00002871662000
C4B2H1S1P1L1M1J1E1A1,ALX,CL5Q,4,12,6,12,340,12,10,MEPDG,119.82510000000000,1.63877400000000
C4B2H1S1P1L1M1J1E1A2,ALX,CL5Q,4,12,6,12,340,12,10,MNAVG,97.07435000000000,0.21429130000000
C4B2H1S1P1L1M1J1E1A3,ALX,CL5Q,4,12,6,12,340,12,10,MNHVY,168.62540000000000,2.44369500000000
C4B2H1S1P1L1M1J1E2A1,ALX,CL5Q,4,12,6,12,340,12,40,MEPDG,73.19259000000000,0.94478290000000
C4B2H1S1P1L1M1J1E2A2,ALX,CL5Q,4,12,6,12,340,12,40,MNAVG,55.41070000000000,0.11878840000000
C4B2H1S1P1L1M1J1E2A3,ALX,CL5Q,4,12,6,12,340,12,40,MNHVY,99.08764000000000,1.37224100000000
C4B2H1S1P1L1M1J2E1A1,ALX,CL5Q,4,12,6,12,340,15,10,MEPDG,138.80670000000000,1.60728300000000
C4B2H1S1P1L1M1J2E1A2,ALX,CL5Q,4,12,6,12,340,15,10,MNAVG,115.05810000000000,0.29345000000000
C4B2H1S1P1L1M1J2E1A3,ALX,CL5Q,4,12,6,12,340,15,10,MNHVY,202.49740000000000,2.89478800000000
C4B2H1S1P1L1M1J2E2A1,ALX,CL5Q,4,12,6,12,340,15,40,MEPDG,86.26501000000000,0.93925610000000
C4B2H1S1P1L1M1J2E2A2,ALX,CL5Q,4,12,6,12,340,15,40,MNAVG,67.22080000000000,0.17157200000000
C4B2H1S1P1L1M1J2E2A3,ALX,CL5Q,4,12,6,12,340,15,40,MNHVY,121.93110000000000,1.69366100000000
C4B2H1S1P1L1M2J1E1A1,ALX,CL5Q,4,12,6,12,590,12,10,MEPDG,8.61569100000000,0.17598360000000
C4B2H1S1P1L1M2J1E1A2,ALX,CL5Q,4,12,6,12,590,12,10,MNAVG,5.53062000000000,0.02244095000000
C4B2H1S1P1L1M2J1E1A3,ALX,CL5Q,4,12,6,12,590,12,10,MNHVY,8.76758100000000,0.24984750000000
C4B2H1S1P1L1M2J1E2A1,ALX,CL5Q,4,12,6,12,590,12,40,MEPDG,4.56215500000000,0.09082069000000
C4B2H1S1P1L1M2J1E2A2,ALX,CL5Q,4,12,6,12,590,12,40,MNAVG,2.77933500000000,0.01033910000000
C4B2H1S1P1L1M2J1E2A3,ALX,CL5Q,4,12,6,12,590,12,40,MNHVY,4.40953700000000,0.11932140000000
C4B2H1S1P1L1M2J2E1A1,ALX,CL5Q,4,12,6,12,590,15,10,MEPDG,13.10654000000000,0.38993530000000
```

```
C4B2H1S1P1L1M2J2E1A2,ALX,CL5Q,4,12,6,12,590,15,10,MNAVG,9.32349300000000,0.07226415000000
C4B2H1S1P1L1M2J2E1A3,ALX,CL5Q,4,12,6,12,590,15,10,MNHVY,15.68292000000000,0.69937150000000
C4B2H1S1P1L1M2J2E2A1,ALX,CL5Q,4,12,6,12,590,15,40,MEPDG,7.34277200000000,0.19925450000000
C4B2H1S1P1L1M2J2E2A2,ALX,CL5Q,4,12,6,12,590,15,40,MNAVG,5.05327200000000,0.03534984000000
C4B2H1S1P1L1M2J2E2A3,ALX,CL5Q,4,12,6,12,590,15,40,MNHVY,8.57752400000000,0.35157220000000
C4B2H1S1P1L1M3J1E1A1,ALX,CL5Q,4,12,6,12,840,12,10,MEPDG,0.99359510000000,0.02180068000000
C4B2H1S1P1L1M3J1E1A2,ALX,CL5Q,4,12,6,12,840,12,10,MNAVG,0.48685770000000,0.00224842700000
C4B2H1S1P1L1M3J1E1A3,ALX,CL5Q,4,12,6,12,840,12,10,MNHVY,0.72216800000000,0.02701652000000
C4B2H1S1P1L1M3J1E2A1,ALX,CL5Q,4,12,6,12,840,12,40,MEPDG,0.45648180000000,0.01047670000000
C4B2H1S1P1L1M3J1E2A2,ALX,CL5Q,4,12,6,12,840,12,40,MNAVG,0.21658610000000,0.00090570710000
C4B2H1S1P1L1M3J1E2A3,ALX,CL5Q,4,12,6,12,840,12,40,MNHVY,0.31180480000000,0.01123676000000
C4B2H1S1P1L1M3J2E1A1,ALX,CL5Q,4,12,6,12,840,15,10,MEPDG,2.03783900000000,0.08299998000000
C4B2H1S1P1L1M3J2E1A2,ALX,CL5Q,4,12,6,12,840,15,10,MNAVG,1.23212200000000,0.01407831000000
C4B2H1S1P1L1M3J2E1A3,ALX,CL5Q,4,12,6,12,840,15,10,MNHVY,2.08700900000000,0.14398250000000
C4B2H1S1P1L1M3J2E2A1,ALX,CL5Q,4,12,6,12,840,15,40,MEPDG,1.02241700000000,0.03725573000000
C4B2H1S1P1L1M3J2E2A2,ALX,CL5Q,4,12,6,12,840,15,40,MNAVG,0.61397150000000,0.00579820200000
C4B2H1S1P1L1M3J2E2A3,ALX,CL5Q,4,12,6,12,840,15,40,MNHVY,1.02486800000000,0.06176730000000
C4B2H1S1P1L2M1J1E1A1,ALX,CL5Q,4,12,6,13,340,12,10,MEPDG,18.48019000000000,0.35402130000000
C4B2H1S1P1L2M1J1E1A2,ALX,CL5Q,4,12,6,13,340,12,10,MNAVG,13.37072000000000,0.04727729000000
C4B2H1S1P1L2M1J1E1A3,ALX,CL5Q,4,12,6,13,340,12,10,MNHVY,24.23220000000000,0.52653910000000
C4B2H1S1P1L2M1J1E2A1,ALX,CL5Q,4,12,6,13,340,12,40,MEPDG,18.48019000000000,0.35402130000000
C4B2H1S1P1L2M1J1E2A2,ALX,CL5Q,4,12,6,13,340,12,40,MNAVG,13.37072000000000,0.04727729000000
C4B2H1S1P1L2M1J1E2A3,ALX,CL5Q,4,12,6,13,340,12,40,MNHVY,24.23220000000000,0.52653910000000
C4B2H1S1P1L2M1J2E1A1,ALX,CL5Q,4,12,6,13,340,15,10,MEPDG,22.12635000000000,0.42103630000000
C4B2H1S1P1L2M1J2E1A2,ALX,CL5Q,4,12,6,13,340,15,10,MNAVG,16.57095000000000,0.08150619000000
C4B2H1S1P1L2M1J2E1A3,ALX,CL5Q,4,12,6,13,340,15,10,MNHVY,30.42340000000000,0.76880850000000
C4B2H1S1P1L2M1J2E2A1,ALX,CL5Q,4,12,6,13,340,15,40,MEPDG,22.12635000000000,0.42103630000000
C4B2H1S1P1L2M1J2E2A2,ALX,CL5Q,4,12,6,13,340,15,40,MNAVG,16.57095000000000,0.08150619000000
C4B2H1S1P1L2M1J2E2A3,ALX,CL5Q,4,12,6,13,340,15,40,MNHVY,30.42340000000000,0.76880850000000
C4B2H1S1P1L2M2J1E1A1,ALX,CL5Q,4,12,6,13,590,12,10,MEPDG,1.08406300000000,0.03266102000000
C4B2H1S1P1L2M2J1E1A2,ALX,CL5Q,4,12,6,13,590,12,10,MNAVG,0.63423530000000,0.00386877100000
C4B2H1S1P1L2M2J1E1A3,ALX,CL5Q,4,12,6,13,590,12,10,MNHVY,1.01868200000000,0.04396334000000
C4B2H1S1P1L2M2J1E2A1,ALX,CL5Q,4,12,6,13,590,12,40,MEPDG,1.08406300000000,0.03266102000000
C4B2H1S1P1L2M2J1E2A2,ALX,CL5Q,4,12,6,13,590,12,40,MNAVG,0.63423530000000,0.00386877100000
C4B2H1S1P1L2M2J1E2A3,ALX,CL5Q,4,12,6,13,590,12,40,MNHVY,1.01868200000000,0.04396334000000
C4B2H1S1P1L2M2J2E1A1,ALX,CL5Q,4,12,6,13,590,15,10,MEPDG,1.82947700000000,0.08774754000000
C4B2H1S1P1L2M2J2E1A2,ALX,CL5Q,4,12,6,13,590,15,10,MNAVG,1.23181900000000,0.01633835000000
C4B2H1S1P1L2M2J2E1A3,ALX,CL5Q,4,12,6,13,590,15,10,MNHVY,2.11672900000000,0.15753090000000
C4B2H1S1P1L2M2J2E2A1,ALX,CL5Q,4,12,6,13,590,15,40,MEPDG,1.82947700000000,0.08774754000000
C4B2H1S1P1L2M2J2E2A2,ALX,CL5Q,4,12,6,13,590,15,40,MNAVG,1.23181900000000,0.01633835000000
C4B2H1S1P1L2M2J2E2A3,ALX,CL5Q,4,12,6,13,590,15,40,MNHVY,2.11672900000000,0.15753090000000
C4B2H1S1P1L2M3J1E1A1,ALX,CL5Q,4,12,6,13,840,12,10,MEPDG,0.10197420000000,0.00349219300000
C4B2H1S1P1L2M3J1E1A2,ALX,CL5Q,4,12,6,13,840,12,10,MNAVG,0.04682424000000,0.00030108060000
C4B2H1S1P1L2M3J1E1A3,ALX,CL5Q,4,12,6,13,840,12,10,MNHVY,0.06776607000000,0.00374160800000
C4B2H1S1P1L2M3J1E2A1,ALX,CL5Q,4,12,6,13,840,12,40,MEPDG,0.10197420000000,0.00349219300000
C4B2H1S1P1L2M3J1E2A2,ALX,CL5Q,4,12,6,13,840,12,40,MNAVG,0.04682424000000,0.00030108060000
C4B2H1S1P1L2M3J1E2A3,ALX,CL5Q,4,12,6,13,840,12,40,MNHVY,0.06776607000000,0.00374160800000
C4B2H1S1P1L2M3J2E1A1,ALX,CL5Q,4,12,6,13,840,15,10,MEPDG,0.24500850000000,0.01493809000000
C4B2H1S1P1L2M3J2E1A2,ALX,CL5Q,4,12,6,13,840,15,10,MNAVG,0.14553970000000,0.00238876200000
C4B2H1S1P1L2M3J2E1A3,ALX,CL5Q,4,12,6,13,840,15,10,MNHVY,0.24584700000000,0.02512632000000
```

```
C4B2H1S1P1L2M3J2E2A1,ALX,CL5Q,4,12,6,13,840,15,40,MEPDG,0.24500850000000,0.01493809000000
C4B2H1S1P1L2M3J2E2A2,ALX,CL5Q,4,12,6,13,840,15,40,MNAVG,0.14553970000000,0.00238876200000
C4B2H1S1P1L2M3J2E2A3,ALX,CL5Q,4,12,6,13,840,15,40,MNHVY,0.24584700000000,0.02512632000000
C4B2H1S1P2L1M1J1E1A1,ALX,CL5Q,4,12,7,12,340,12,10,MEPDG,44.71406000000000,1.20948400000000
C4B2H1S1P2L1M1J1E1A2,ALX,CL5Q,4,12,7,12,340,12,10,MNAVG,33.43335000000000,0.18381020000000
C4B2H1S1P2L1M1J1E1A3,ALX,CL5Q,4,12,7,12,340,12,10,MNHVY,57.03491000000000,1.97534600000000
C4B2H1S1P2L1M1J1E2A1,ALX,CL5Q,4,12,7,12,340,12,40,MEPDG,25.77083000000000,0.68246940000000
C4B2H1S1P2L1M1J1E2A2,ALX,CL5Q,4,12,7,12,340,12,40,MNAVG,18.40021000000000,0.09767693000000
C4B2H1S1P2L1M1J1E2A3,ALX,CL5Q,4,12,7,12,340,12,40,MNHVY,31.60689000000000,1.07320300000000
C4B2H1S1P2L1M1J2E1A1,ALX,CL5Q,4,12,7,12,340,15,10,MEPDG,64.10252000000000,1.90014300000000
C4B2H1S1P2L1M1J2E1A2,ALX,CL5Q,4,12,7,12,340,15,10,MNAVG,51.38681000000000,0.37728690000000
C4B2H1S1P2L1M1J2E1A3,ALX,CL5Q,4,12,7,12,340,15,10,MNHVY,90.75209000000000,3.57192100000000
C4B2H1S1P2L1M1J2E2A1,ALX,CL5Q,4,12,7,12,340,15,40,MEPDG,38.67838000000000,1.10677800000000
C4B2H1S1P2L1M1J2E2A2,ALX,CL5Q,4,12,7,12,340,15,40,MNAVG,30.01807000000000,0.21743760000000
C4B2H1S1P2L1M1J2E2A3,ALX,CL5Q,4,12,7,12,340,15,40,MNHVY,53.61277000000000,2.07004200000000
C4B2H1S1P2L1M2J1E1A1,ALX,CL5Q,4,12,7,12,590,12,10,MEPDG,2.10453800000000,0.08333489000000
C4B2H1S1P2L1M2J1E1A2,ALX,CL5Q,4,12,7,12,590,12,10,MNAVG,1.07262600000000,0.01113491000000
C4B2H1S1P2L1M2J1E1A3,ALX,CL5Q,4,12,7,12,590,12,10,MNHVY,1.68281500000000,0.12690060000000
C4B2H1S1P2L1M2J1E2A1,ALX,CL5Q,4,12,7,12,590,12,40,MEPDG,0.98950590000000,0.04221377000000
C4B2H1S1P2L1M2J1E2A2,ALX,CL5Q,4,12,7,12,590,12,40,MNAVG,0.49347250000000,0.00506787100000
C4B2H1S1P2L1M2J1E2A3,ALX,CL5Q,4,12,7,12,590,12,40,MNHVY,0.74302070000000,0.05905578000000
C4B2H1S1P2L1M2J2E1A1,ALX,CL5Q,4,12,7,12,590,15,10,MEPDG,4.72766400000000,0.28485320000000
C4B2H1S1P2L1M2J2E1A2,ALX,CL5Q,4,12,7,12,590,15,10,MNAVG,2.97099200000000,0.05487936000000
C4B2H1S1P2L1M2J2E1A3,ALX,CL5Q,4,12,7,12,590,15,10,MNHVY,5.29759500000000,0.53219010000000
C4B2H1S1P2L1M2J2E2A1,ALX,CL5Q,4,12,7,12,590,15,40,MEPDG,2.44646100000000,0.14323680000000
C4B2H1S1P2L1M2J2E2A2,ALX,CL5Q,4,12,7,12,590,15,40,MNAVG,1.54471500000000,0.02645861000000
C4B2H1S1P2L1M2J2E2A3,ALX,CL5Q,4,12,7,12,590,15,40,MNHVY,2.68569800000000,0.26193220000000
C4B2H1S1P2L1M3J1E1A1,ALX,CL5Q,4,12,7,12,840,12,10,MEPDG,0.17260140000000,0.00634047500000
C4B2H1S1P2L1M3J1E1A2,ALX,CL5Q,4,12,7,12,840,12,10,MNAVG,0.06275082000000,0.00065124640000
C4B2H1S1P2L1M3J1E1A3,ALX,CL5Q,4,12,7,12,840,12,10,MNHVY,0.09005012000000,0.00810800200000
C4B2H1S1P2L1M3J1E2A1,ALX,CL5Q,4,12,7,12,840,12,40,MEPDG,0.06779031000000,0.00300917400000
C4B2H1S1P2L1M3J1E2A2,ALX,CL5Q,4,12,7,12,840,12,40,MNAVG,0.02499345000000,0.00025937320000
C4B2H1S1P2L1M3J1E2A3,ALX,CL5Q,4,12,7,12,840,12,40,MNHVY,0.03324730000000,0.00333095800000
C4B2H1S1P2L1M3J2E1A1,ALX,CL5Q,4,12,7,12,840,15,10,MEPDG,0.59576020000000,0.03715985000000
C4B2H1S1P2L1M3J2E1A2,ALX,CL5Q,4,12,7,12,840,15,10,MNAVG,0.29531990000000,0.00623673700000
C4B2H1S1P2L1M3J2E1A3,ALX,CL5Q,4,12,7,12,840,15,10,MNHVY,0.55287980000000,0.06635660000000
C4B2H1S1P2L1M3J2E2A1,ALX,CL5Q,4,12,7,12,840,15,40,MEPDG,0.26605550000000,0.01663509000000
C4B2H1S1P2L1M3J2E2A2,ALX,CL5Q,4,12,7,12,840,15,40,MNAVG,0.13610070000000,0.00259663200000
C4B2H1S1P2L1M3J2E2A3,ALX,CL5Q,4,12,7,12,840,15,40,MNHVY,0.24034460000000,0.02828052000000
C4B2H1S1P2L2M1J1E1A1,ALX,CL5Q,4,12,7,13,340,12,10,MEPDG,6.43826200000000,0.27263000000000
C4B2H1S1P2L2M1J1E1A2,ALX,CL5Q,4,12,7,13,340,12,10,MNAVG,4.43066200000000,0.04120705000000
C4B2H1S1P2L2M1J1E1A3,ALX,CL5Q,4,12,7,13,340,12,10,MNHVY,7.67898300000000,0.43979680000000
C4B2H1S1P2L2M1J1E2A1,ALX,CL5Q,4,12,7,13,340,12,40,MEPDG,6.43826200000000,0.27263000000000
C4B2H1S1P2L2M1J1E2A2,ALX,CL5Q,4,12,7,13,340,12,40,MNAVG,4.43066200000000,0.04120705000000
C4B2H1S1P2L2M1J1E2A3,ALX,CL5Q,4,12,7,13,340,12,40,MNHVY,7.67898300000000,0.43979680000000
C4B2H1S1P2L2M1J2E1A1,ALX,CL5Q,4,12,7,13,340,15,10,MEPDG,10.10701000000000,0.53204440000000
C4B2H1S1P2L2M1J2E1A2,ALX,CL5Q,4,12,7,13,340,15,10,MNAVG,7.67858400000000,0.10996420000000
C4B2H1S1P2L2M1J2E1A3,ALX,CL5Q,4,12,7,13,340,15,10,MNHVY,13.80212000000000,1.00560500000000
C4B2H1S1P2L2M1J2E2A1,ALX,CL5Q,4,12,7,13,340,15,40,MEPDG,10.10701000000000,0.53204440000000
C4B2H1S1P2L2M1J2E2A2,ALX,CL5Q,4,12,7,13,340,15,40,MNAVG,7.67858400000000,0.10996420000000
```

```
C4B2H1S1P2L2M1J2E2A3,ALX,CL5Q,4,12,7,13,340,15,40,MNHVY,13.80212000000000,1.00560500000000
C4B2H1S1P2L2M2J1E1A1,ALX,CL5Q,4,12,7,13,590,12,10,MEPDG,0.22533570000000,0.01560777000000
C4B2H1S1P2L2M2J1E1A2,ALX,CL5Q,4,12,7,13,590,12,10,MNAVG,0.10892390000000,0.00193225800000
C4B2H1S1P2L2M2J1E1A3,ALX,CL5Q,4,12,7,13,590,12,10,MNHVY,0.16401150000000,0.02226572000000
C4B2H1S1P2L2M2J1E2A1,ALX,CL5Q,4,12,7,13,590,12,40,MEPDG,0.22533570000000,0.01560777000000
C4B2H1S1P2L2M2J1E2A2,ALX,CL5Q,4,12,7,13,590,12,40,MNAVG,0.10892390000000,0.00193225800000
C4B2H1S1P2L2M2J1E2A3,ALX,CL5Q,4,12,7,13,590,12,40,MNHVY,0.16401150000000,0.02226572000000
C4B2H1S1P2L2M2J2E1A1,ALX,CL5Q,4,12,7,13,590,15,10,MEPDG,0.60294440000000,0.06463021000000
C4B2H1S1P2L2M2J2E1A2,ALX,CL5Q,4,12,7,13,590,15,10,MNAVG,0.37750840000000,0.01231775000000
C4B2H1S1P2L2M2J2E1A3,ALX,CL5Q,4,12,7,13,590,15,10,MNHVY,0.65888410000000,0.11991730000000
C4B2H1S1P2L2M2J2E2A1,ALX,CL5Q,4,12,7,13,590,15,40,MEPDG,0.60294440000000,0.06463021000000
C4B2H1S1P2L2M2J2E2A2,ALX,CL5Q,4,12,7,13,590,15,40,MNAVG,0.37750840000000,0.01231775000000
C4B2H1S1P2L2M2J2E2A3,ALX,CL5Q,4,12,7,13,590,15,40,MNHVY,0.65888410000000,0.11991730000000
C4B2H1S1P2L2M3J1E1A1,ALX,CL5Q,4,12,7,13,840,12,10,MEPDG,0.01425300000000,0.00103001600000
C4B2H1S1P2L2M3J1E1A2,ALX,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00517706700000,0.00008900018000
C4B2H1S1P2L2M3J1E1A3,ALX,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00680788200000,0.00113787400000
C4B2H1S1P2L2M3J1E2A1,ALX,CL5Q,4,12,7,13,840,12,40,MEPDG,0.01425300000000,0.00103001600000
C4B2H1S1P2L2M3J1E2A2,ALX,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00517706700000,0.00008900018000
C4B2H1S1P2L2M3J1E2A3,ALX,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00680788200000,0.00113787400000
C4B2H1S1P2L2M3J2E1A1,ALX,CL5Q,4,12,7,13,840,15,10,MEPDG,0.06186736000000,0.00685346100000
C4B2H1S1P2L2M3J2E1A2,ALX,CL5Q,4,12,7,13,840,15,10,MNAVG,0.03157889000000,0.00108306600000
C4B2H1S1P2L2M3J2E1A3,ALX,CL5Q,4,12,7,13,840,15,10,MNHVY,0.05586264000000,0.01177513000000
C4B2H1S1P2L2M3J2E2A1,ALX,CL5Q,4,12,7,13,840,15,40,MEPDG,0.06186736000000,0.00685346100000
C4B2H1S1P2L2M3J2E2A2,ALX,CL5Q,4,12,7,13,840,15,40,MNAVG,0.03157889000000,0.00108306600000
C4B2H1S1P2L2M3J2E2A3,ALX,CL5Q,4,12,7,13,840,15,40,MNHVY,0.05586264000000,0.01177513000000
C4B2H1S1P3L1M1J1E1A1,ALX,CL5Q,4,12,8,12,340,12,10,MEPDG,74.86563000000000,0.89417890000000
C4B2H1S1P3L1M1J1E1A2,ALX,CL5Q,4,12,8,12,340,12,10,MNAVG,59.28363000000000,0.14508620000000
C4B2H1S1P3L1M1J1E1A3,ALX,CL5Q,4,12,8,12,340,12,10,MNHVY,120.85370000000000,1.55809300000000
C4B2H1S1P3L1M1J1E2A1,ALX,CL5Q,4,12,8,12,340,12,40,MEPDG,45.02403000000000,0.49177730000000
C4B2H1S1P3L1M1J1E2A2,ALX,CL5Q,4,12,8,12,340,12,40,MNAVG,35.68650000000000,0.07524443000000
C4B2H1S1P3L1M1J1E2A3,ALX,CL5Q,4,12,8,12,340,12,40,MNHVY,71.98695000000000,0.82081000000000
C4B2H1S1P3L1M1J2E1A1,ALX,CL5Q,4,12,8,12,340,15,10,MEPDG,145.36610000000000,1.97256100000000
C4B2H1S1P3L1M1J2E1A2,ALX,CL5Q,4,12,8,12,340,15,10,MNAVG,128.16430000000000,0.40898580000000
C4B2H1S1P3L1M1J2E1A3,ALX,CL5Q,4,12,8,12,340,15,10,MNHVY,257.75610000000000,3.83618400000000
C4B2H1S1P3L1M1J2E2A1,ALX,CL5Q,4,12,8,12,340,15,40,MEPDG,95.85986000000000,1.12305400000000
C4B2H1S1P3L1M1J2E2A2,ALX,CL5Q,4,12,8,12,340,15,40,MNAVG,85.57157000000000,0.22912460000000
C4B2H1S1P3L1M1J2E2A3,ALX,CL5Q,4,12,8,12,340,15,40,MNHVY,170.45990000000000,2.16295500000000
C4B2H1S1P3L1M2J1E1A1,ALX,CL5Q,4,12,8,12,590,12,10,MEPDG,6.36849200000000,0.03585299000000
C4B2H1S1P3L1M2J1E1A2,ALX,CL5Q,4,12,8,12,590,12,10,MNAVG,3.15008000000000,0.00500609300000
C4B2H1S1P3L1M2J1E1A3,ALX,CL5Q,4,12,8,12,590,12,10,MNHVY,8.37239800000000,0.05792997000000
C4B2H1S1P3L1M2J1E2A1,ALX,CL5Q,4,12,8,12,590,12,40,MEPDG,3.21010800000000,0.01763389000000
C4B2H1S1P3L1M2J1E2A2,ALX,CL5Q,4,12,8,12,590,12,40,MNAVG,1.63607800000000,0.00221638500000
C4B2H1S1P3L1M2J1E2A3,ALX,CL5Q,4,12,8,12,590,12,40,MNHVY,4.09912400000000,0.02630766000000
C4B2H1S1P3L1M2J2E1A1,ALX,CL5Q,4,12,8,12,590,15,10,MEPDG,22.49644000000000,0.17268910000000
C4B2H1S1P3L1M2J2E1A2,ALX,CL5Q,4,12,8,12,590,15,10,MNAVG,14.37068000000000,0.03334515000000
C4B2H1S1P3L1M2J2E1A3,ALX,CL5Q,4,12,8,12,590,15,10,MNHVY,38.05902000000000,0.33453870000000
C4B2H1S1P3L1M2J2E2A1,ALX,CL5Q,4,12,8,12,590,15,40,MEPDG,12.73787000000000,0.08538270000000
C4B2H1S1P3L1M2J2E2A2,ALX,CL5Q,4,12,8,12,590,15,40,MNAVG,8.51291900000000,0.01590659000000
C4B2H1S1P3L1M2J2E2A3,ALX,CL5Q,4,12,8,12,590,15,40,MNHVY,21.44770000000000,0.16139910000000
C4B2H1S1P3L1M3J1E1A1,ALX,CL5Q,4,12,8,12,840,12,10,MEPDG,0.99181410000000,0.00178621900000
```

```
C4B2H1S1P3L1M3J1E1A2,ALX,CL5Q,4,12,8,12,840,12,10,MNAVG,0.29087000000000,0.00019195910000
C4B2H1S1P3L1M3J1E1A3,ALX,CL5Q,4,12,8,12,840,12,10,MNHVY,0.98694570000000,0.00239482500000
C4B2H1S1P3L1M3J1E2A1,ALX,CL5Q,4,12,8,12,840,12,40,MEPDG,0.41530420000000,0.00085867380000
C4B2H1S1P3L1M3J1E2A2,ALX,CL5Q,4,12,8,12,840,12,40,MNAVG,0.12901300000000,0.00007883556000
C4B2H1S1P3L1M3J1E2A3,ALX,CL5Q,4,12,8,12,840,12,40,MNHVY,0.38489850000000,0.00101430100000
C4B2H1S1P3L1M3J2E1A1,ALX,CL5Q,4,12,8,12,840,15,10,MEPDG,5.38176300000000,0.01512660000000
C4B2H1S1P3L1M3J2E1A2,ALX,CL5Q,4,12,8,12,840,15,10,MNAVG,2.26192400000000,0.00251180600000
C4B2H1S1P3L1M3J2E1A3,ALX,CL5Q,4,12,8,12,840,15,10,MNHVY,8.29652400000000,0.02778306000000
C4B2H1S1P3L1M3J2E2A1,ALX,CL5Q,4,12,8,12,840,15,40,MEPDG,2.65560800000000,0.00683096100000
C4B2H1S1P3L1M3J2E2A2,ALX,CL5Q,4,12,8,12,840,15,40,MNAVG,1.19091300000000,0.00105998500000
C4B2H1S1P3L1M3J2E2A3,ALX,CL5Q,4,12,8,12,840,15,40,MNHVY,4.00840800000000,0.01197227000000
C4B2H1S1P3L2M1J1E1A1,ALX,CL5Q,4,12,8,13,340,12,10,MEPDG,12.88515000000000,0.20380180000000
C4B2H1S1P3L2M1J1E1A2,ALX,CL5Q,4,12,8,13,340,12,10,MNAVG,10.12582000000000,0.03261086000000
C4B2H1S1P3L2M1J1E1A3,ALX,CL5Q,4,12,8,13,340,12,10,MNHVY,20.63147000000000,0.34811550000000
C4B2H1S1P3L2M1J1E2A1,ALX,CL5Q,4,12,8,13,340,12,40,MEPDG,12.88515000000000,0.20380180000000
C4B2H1S1P3L2M1J1E2A2,ALX,CL5Q,4,12,8,13,340,12,40,MNAVG,10.12582000000000,0.03261086000000
C4B2H1S1P3L2M1J1E2A3,ALX,CL5Q,4,12,8,13,340,12,40,MNHVY,20.63147000000000,0.34811550000000
C4B2H1S1P3L2M1J2E1A1,ALX,CL5Q,4,12,8,13,340,15,10,MEPDG,31.08774000000000,0.55833450000000
C4B2H1S1P3L2M1J2E1A2,ALX,CL5Q,4,12,8,13,340,15,10,MNAVG,28.04606000000000,0.11852070000000
C4B2H1S1P3L2M1J2E1A3,ALX,CL5Q,4,12,8,13,340,15,10,MNHVY,55.88219000000000,1.08544300000000
C4B2H1S1P3L2M1J2E2A1,ALX,CL5Q,4,12,8,13,340,15,40,MEPDG,31.08774000000000,0.55833450000000
C4B2H1S1P3L2M1J2E2A2,ALX,CL5Q,4,12,8,13,340,15,40,MNAVG,28.04606000000000,0.11852070000000
C4B2H1S1P3L2M1J2E2A3,ALX,CL5Q,4,12,8,13,340,15,40,MNHVY,55.88219000000000,1.08544300000000
C4B2H1S1P3L2M2J1E1A1,ALX,CL5Q,4,12,8,13,590,12,10,MEPDG,0.85216660000000,0.00669868900000
C4B2H1S1P3L2M2J1E1A2,ALX,CL5Q,4,12,8,13,590,12,10,MNAVG,0.42262740000000,0.00087011180000
C4B2H1S1P3L2M2J1E1A3,ALX,CL5Q,4,12,8,13,590,12,10,MNHVY,1.07601900000000,0.01017788000000
C4B2H1S1P3L2M2J1E2A1,ALX,CL5Q,4,12,8,13,590,12,40,MEPDG,0.85216660000000,0.00669868900000
C4B2H1S1P3L2M2J1E2A2,ALX,CL5Q,4,12,8,13,590,12,40,MNAVG,0.42262740000000,0.00087011180000
C4B2H1S1P3L2M2J1E2A3,ALX,CL5Q,4,12,8,13,590,12,40,MNHVY,1.07601900000000,0.01017788000000
C4B2H1S1P3L2M2J2E1A1,ALX,CL5Q,4,12,8,13,590,15,10,MEPDG,4.10296800000000,0.03939332000000
C4B2H1S1P3L2M2J2E1A2,ALX,CL5Q,4,12,8,13,590,15,10,MNAVG,2.73001000000000,0.00753447700000
C4B2H1S1P3L2M2J2E1A3,ALX,CL5Q,4,12,8,13,590,15,10,MNHVY,7.00907900000000,0.07540558000000
C4B2H1S1P3L2M2J2E2A1,ALX,CL5Q,4,12,8,13,590,15,40,MEPDG,4.10296800000000,0.03939332000000
C4B2H1S1P3L2M2J2E2A2,ALX,CL5Q,4,12,8,13,590,15,40,MNAVG,2.73001000000000,0.00753447700000
C4B2H1S1P3L2M2J2E2A3,ALX,CL5Q,4,12,8,13,590,15,40,MNHVY,7.00907900000000,0.07540558000000
C4B2H1S1P3L2M3J1E1A1,ALX,CL5Q,4,12,8,13,840,12,10,MEPDG,0.10104690000000,0.00030253010000
C4B2H1S1P3L2M3J1E1A2,ALX,CL5Q,4,12,8,13,840,12,10,MNAVG,0.03045769000000,0.00002794506000
C4B2H1S1P3L2M3J1E1A3,ALX,CL5Q,4,12,8,13,840,12,10,MNHVY,0.09005795000000,0.00035738950000
C4B2H1S1P3L2M3J1E2A1,ALX,CL5Q,4,12,8,13,840,12,40,MEPDG,0.10104690000000,0.00030253010000
C4B2H1S1P3L2M3J1E2A2,ALX,CL5Q,4,12,8,13,840,12,40,MNAVG,0.03045769000000,0.00002794506000
C4B2H1S1P3L2M3J1E2A3,ALX,CL5Q,4,12,8,13,840,12,40,MNHVY,0.09005795000000,0.00035738950000
C4B2H1S1P3L2M3J2E1A1,ALX,CL5Q,4,12,8,13,840,15,10,MEPDG,0.79843320000000,0.00290399500000
C4B2H1S1P3L2M3J2E1A2,ALX,CL5Q,4,12,8,13,840,15,10,MNAVG,0.35048840000000,0.00045975420000
C4B2H1S1P3L2M3J2E1A3,ALX,CL5Q,4,12,8,13,840,15,10,MNHVY,1.20579300000000,0.00514073300000
C4B2H1S1P3L2M3J2E2A1,ALX,CL5Q,4,12,8,13,840,15,40,MEPDG,0.79843320000000,0.00290399500000
C4B2H1S1P3L2M3J2E2A2,ALX,CL5Q,4,12,8,13,840,15,40,MNAVG,0.35048840000000,0.00045975420000
C4B2H1S1P3L2M3J2E2A3,ALX,CL5Q,4,12,8,13,840,15,40,MNHVY,1.20579300000000,0.00514073300000
C4B2H1S1P4L1M1J1E1A1,ALX,CL5Q,4,12,9,12,340,12,10,MEPDG,4.22924800000000,0.55644290000000
C4B2H1S1P4L1M1J1E1A2,ALX,CL5Q,4,12,9,12,340,12,10,MNAVG,2.11324900000000,0.09039491000000
C4B2H1S1P4L1M1J1E1A3,ALX,CL5Q,4,12,9,12,340,12,10,MNHVY,3.46723900000000,1.00483700000000
```

```
C4B2H1S1P4L1M1J1E2A1,ALX,CL5Q,4,12,9,12,340,12,40,MEPDG,2.00335700000000,0.30291360000000
C4B2H1S1P4L1M1J1E2A2,ALX,CL5Q,4,12,9,12,340,12,40,MNAVG,0.99236920000000,0.04646676000000
C4B2H1S1P4L1M1J1E2A3,ALX,CL5Q,4,12,9,12,340,12,40,MNHVY,1.53301900000000,0.52358100000000
C4B2H1S1P4L1M1J2E1A1,ALX,CL5Q,4,12,9,12,340,15,10,MEPDG,10.55329000000000,1.52616500000000
C4B2H1S1P4L1M1J2E1A2,ALX,CL5Q,4,12,9,12,340,15,10,MNAVG,6.59622500000000,0.31227420000000
C4B2H1S1P4L1M1J2E1A3,ALX,CL5Q,4,12,9,12,340,15,10,MNHVY,12.36613000000000,3.03201000000000
C4B2H1S1P4L1M1J2E2A1,ALX,CL5Q,4,12,9,12,340,15,40,MEPDG,5.54141000000000,0.87423330000000
C4B2H1S1P4L1M1J2E2A2,ALX,CL5Q,4,12,9,12,340,15,40,MNAVG,3.52272900000000,0.17646340000000
C4B2H1S1P4L1M1J2E2A3,ALX,CL5Q,4,12,9,12,340,15,40,MNHVY,6.34482300000000,1.71559300000000
C4B2H1S1P4L1M2J1E1A1,ALX,CL5Q,4,12,9,12,590,12,10,MEPDG,0.07365768000000,0.01387844000000
C4B2H1S1P4L1M2J1E1A2,ALX,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02077689000000,0.00187068400000
C4B2H1S1P4L1M2J1E1A3,ALX,CL5Q,4,12,9,12,590,12,10,MNHVY,0.02756562000000,0.02249188000000
C4B2H1S1P4L1M2J1E2A1,ALX,CL5Q,4,12,9,12,590,12,40,MEPDG,0.02580281000000,0.00706240300000
C4B2H1S1P4L1M2J1E2A2,ALX,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00777621700000,0.00087299870000
C4B2H1S1P4L1M2J1E2A3,ALX,CL5Q,4,12,9,12,590,12,40,MNHVY,0.00922240500000,0.01069439000000
C4B2H1S1P4L1M2J2E1A1,ALX,CL5Q,4,12,9,12,590,15,10,MEPDG,0.34967120000000,0.09042733000000
C4B2H1S1P4L1M2J2E1A2,ALX,CL5Q,4,12,9,12,590,15,10,MNAVG,0.13507040000000,0.01671804000000
C4B2H1S1P4L1M2J2E1A3,ALX,CL5Q,4,12,9,12,590,15,10,MNHVY,0.25883230000000,0.17793930000000
C4B2H1S1P4L1M2J2E2A1,ALX,CL5Q,4,12,9,12,590,15,40,MEPDG,0.14295530000000,0.04581477000000
C4B2H1S1P4L1M2J2E2A2,ALX,CL5Q,4,12,9,12,590,15,40,MNAVG,0.05857414000000,0.00820699500000
C4B2H1S1P4L1M2J2E2A3,ALX,CL5Q,4,12,9,12,590,15,40,MNHVY,0.10166850000000,0.08804695000000
C4B2H1S1P4L1M3J1E1A1,ALX,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00246511500000,0.00047762530000
C4B2H1S1P4L1M3J1E1A2,ALX,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00058883960000,0.00004692249000
C4B2H1S1P4L1M3J1E1A3,ALX,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00058609650000,0.00060940320000
C4B2H1S1P4L1M3J1E2A1,ALX,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00067316930000,0.00024893740000
C4B2H1S1P4L1M3J1E2A2,ALX,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00018797140000,0.00002135259000
C4B2H1S1P4L1M3J1E2A3,ALX,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00016950130000,0.00028278000000
C4B2H1S1P4L1M3J2E1A1,ALX,CL5Q,4,12,9,12,840,15,10,MEPDG,0.01916860000000,0.00583526500000
C4B2H1S1P4L1M3J2E1A2,ALX,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00504393700000,0.00090312020000
C4B2H1S1P4L1M3J2E1A3,ALX,CL5Q,4,12,9,12,840,15,10,MNHVY,0.00904975100000,0.01057084000000
C4B2H1S1P4L1M3J2E2A1,ALX,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00625251500000,0.00276155500000
C4B2H1S1P4L1M3J2E2A2,ALX,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00183404000000,0.00040234220000
C4B2H1S1P4L1M3J2E2A3,ALX,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00284755800000,0.00478316300000
C4B2H1S1P4L2M1J1E1A1,ALX,CL5Q,4,12,9,13,340,12,10,MEPDG,0.46225340000000,0.12859470000000
C4B2H1S1P4L2M1J1E1A2,ALX,CL5Q,4,12,9,13,340,12,10,MNAVG,0.22222520000000,0.02051381000000
C4B2H1S1P4L2M1J1E1A3,ALX,CL5Q,4,12,9,13,340,12,10,MNHVY,0.34020250000000,0.22664770000000
C4B2H1S1P4L2M1J1E2A1,ALX,CL5Q,4,12,9,13,340,12,40,MEPDG,0.46225340000000,0.12859470000000
C4B2H1S1P4L2M1J1E2A2,ALX,CL5Q,4,12,9,13,340,12,40,MNAVG,0.22222520000000,0.02051381000000
C4B2H1S1P4L2M1J1E2A3,ALX,CL5Q,4,12,9,13,340,12,40,MNHVY,0.34020250000000,0.22664770000000
C4B2H1S1P4L2M1J2E1A1,ALX,CL5Q,4,12,9,13,340,15,10,MEPDG,1.39924600000000,0.44608190000000
C4B2H1S1P4L2M1J2E1A2,ALX,CL5Q,4,12,9,13,340,15,10,MNAVG,0.88395140000000,0.09313518000000
C4B2H1S1P4L2M1J2E1A3,ALX,CL5Q,4,12,9,13,340,15,10,MNHVY,1.58440800000000,0.88437020000000
C4B2H1S1P4L2M1J2E2A1,ALX,CL5Q,4,12,9,13,340,15,40,MEPDG,1.39924600000000,0.44608190000000
C4B2H1S1P4L2M1J2E2A2,ALX,CL5Q,4,12,9,13,340,15,40,MNAVG,0.88395140000000,0.09313518000000
C4B2H1S1P4L2M1J2E2A3,ALX,CL5Q,4,12,9,13,340,15,40,MNHVY,1.58440800000000,0.88437020000000
C4B2H1S1P4L2M2J1E1A1,ALX,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00517953500000,0.00273345000000
C4B2H1S1P4L2M2J1E1A2,ALX,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00156977800000,0.00034648190000
C4B2H1S1P4L2M2J1E1A3,ALX,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00180586800000,0.00419401900000
C4B2H1S1P4L2M2J1E2A1,ALX,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00517953500000,0.00273345000000
C4B2H1S1P4L2M2J1E2A2,ALX,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00156977800000,0.00034648190000
```

```
C4B2H1S1P4L2M2J1E2A3,ALX,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00180586800000,0.00419401900000
C4B2H1S1P4L2M2J2E1A1,ALX,CL5Q,4,12,9,13,590,15,10,MEPDG,0.03201904000000,0.02154879000000
C4B2H1S1P4L2M2J2E1A2,ALX,CL5Q,4,12,9,13,590,15,10,MNAVG,0.01314581000000,0.00396176400000
C4B2H1S1P4L2M2J2E1A3,ALX,CL5Q,4,12,9,13,590,15,10,MNHVY,0.02240807000000,0.04181834000000
C4B2H1S1P4L2M2J2E2A1,ALX,CL5Q,4,12,9,13,590,15,40,MEPDG,0.03201904000000,0.02154879000000
C4B2H1S1P4L2M2J2E2A2,ALX,CL5Q,4,12,9,13,590,15,40,MNAVG,0.01314581000000,0.00396176400000
C4B2H1S1P4L2M2J2E2A3,ALX,CL5Q,4,12,9,13,590,15,40,MNHVY,0.02240807000000,0.04181834000000
C4B2H1S1P4L2M3J1E1A1,ALX,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00012058840000,0.00009160632000
C4B2H1S1P4L2M3J1E1A2,ALX,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00003490336000,0.00000787586300
C4B2H1S1P4L2M3J1E1A3,ALX,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00003046021000,0.00010387590000
C4B2H1S1P4L2M3J1E2A1,ALX,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00012058840000,0.00009160632000
C4B2H1S1P4L2M3J1E2A2,ALX,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00003490336000,0.00000787586300
C4B2H1S1P4L2M3J1E2A3,ALX,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00003046021000,0.00010387590000
C4B2H1S1P4L2M3J2E1A1,ALX,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00126174300000,0.00119912200000
C4B2H1S1P4L2M3J2E1A2,ALX,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00037663920000,0.00017807030000
C4B2H1S1P4L2M3J2E1A3,ALX,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00056770250000,0.00209290900000
C4B2H1S1P4L2M3J2E2A1,ALX,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00126174300000,0.00119912200000
C4B2H1S1P4L2M3J2E2A2,ALX,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00037663920000,0.00017807030000
C4B2H1S1P4L2M3J2E2A3,ALX,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00056770250000,0.00209290900000
C4B2H1S1P5L1M1J1E1A1,ALX,CL5Q,4,12,10,12,340,12,10,MEPDG,1.15987600000000,0.30912320000000
C4B2H1S1P5L1M1J1E1A2,ALX,CL5Q,4,12,10,12,340,12,10,MNAVG,0.44274960000000,0.04727715000000
C4B2H1S1P5L1M1J1E1A3,ALX,CL5Q,4,12,10,12,340,12,10,MNHVY,0.69618910000000,0.55387460000000
C4B2H1S1P5L1M1J1E2A1,ALX,CL5Q,4,12,10,12,340,12,40,MEPDG,0.49149760000000,0.17005840000000
C4B2H1S1P5L1M1J1E2A2,ALX,CL5Q,4,12,10,12,340,12,40,MNAVG,0.19040670000000,0.02475907000000
C4B2H1S1P5L1M1J1E2A3,ALX,CL5Q,4,12,10,12,340,12,40,MNHVY,0.27278860000000,0.29266410000000
C4B2H1S1P5L1M1J2E1A1,ALX,CL5Q,4,12,10,12,340,15,10,MEPDG,3.77287700000000,1.05078800000000
C4B2H1S1P5L1M1J2E1A2,ALX,CL5Q,4,12,10,12,340,15,10,MNAVG,1.95144300000000,0.20506040000000
C4B2H1S1P5L1M1J2E1A3,ALX,CL5Q,4,12,10,12,340,15,10,MNHVY,3.77042700000000,2.10487700000000
C4B2H1S1P5L1M1J2E2A1,ALX,CL5Q,4,12,10,12,340,15,40,MEPDG,1.81292800000000,0.60471150000000
C4B2H1S1P5L1M1J2E2A2,ALX,CL5Q,4,12,10,12,340,15,40,MNAVG,0.97422250000000,0.11685200000000
C4B2H1S1P5L1M1J2E2A3,ALX,CL5Q,4,12,10,12,340,15,40,MNHVY,1.75987700000000,1.19514400000000
C4B2H1S1P5L1M2J1E1A1,ALX,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01183897000000,0.00496205100000
C4B2H1S1P5L1M2J1E1A2,ALX,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00277037200000,0.00059311270000
C4B2H1S1P5L1M2J1E1A3,ALX,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00313598000000,0.00756396600000
C4B2H1S1P5L1M2J1E2A1,ALX,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00354579900000,0.00265262000000
C4B2H1S1P5L1M2J1E2A2,ALX,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00095141420000,0.00029791840000
C4B2H1S1P5L1M2J1E2A3,ALX,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00095165910000,0.00381656000000
C4B2H1S1P5L1M2J2E1A1,ALX,CL5Q,4,12,10,12,590,15,10,MEPDG,0.07288814000000,0.04203982000000
C4B2H1S1P5L1M2J2E1A2,ALX,CL5Q,4,12,10,12,590,15,10,MNAVG,0.02087638000000,0.00714724000000
C4B2H1S1P5L1M2J2E1A3,ALX,CL5Q,4,12,10,12,590,15,10,MNHVY,0.03811770000000,0.08105213000000
C4B2H1S1P5L1M2J2E2A1,ALX,CL5Q,4,12,10,12,590,15,40,MEPDG,0.02602216000000,0.02202017000000
C4B2H1S1P5L1M2J2E2A2,ALX,CL5Q,4,12,10,12,590,15,40,MNAVG,0.00818408700000,0.00366136400000
C4B2H1S1P5L1M2J2E2A3,ALX,CL5Q,4,12,10,12,590,15,40,MNHVY,0.01306520000000,0.04158160000000
C4B2H1S1P5L1M3J1E1A1,ALX,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00028244000000,0.00014005180000
C4B2H1S1P5L1M3J1E1A2,ALX,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00006259698000,0.00001228750000
C4B2H1S1P5L1M3J1E1A3,ALX,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00005167511000,0.00016797110000
C4B2H1S1P5L1M3J1E2A1,ALX,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00006822187000,0.00007877787000
C4B2H1S1P5L1M3J1E2A2,ALX,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00001833731000,0.00000636017800
C4B2H1S1P5L1M3J1E2A3,ALX,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00001438318000,0.00008671650000
C4B2H1S1P5L1M3J2E1A1,ALX,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00252630400000,0.00213709500000
```

```
C4B2H1S1P5L1M3J2E1A2,ALX,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00051699360000,0.00030312490000
C4B2H1S1P5L1M3J2E1A3,ALX,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00077116640000,0.00372354400000
C4B2H1S1P5L1M3J2E2A1,ALX,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00070760660000,0.00107589400000
C4B2H1S1P5L1M3J2E2A2,ALX,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00017105180000,0.00014684820000
C4B2H1S1P5L1M3J2E2A3,ALX,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00021929980000,0.00181187000000
C4B2H1S1P5L2M1J1E1A1,ALX,CL5Q,4,12,10,13,340,12,10,MEPDG,0.10798500000000,0.07324088000000
C4B2H1S1P5L2M1J1E1A2,ALX,CL5Q,4,12,10,13,340,12,10,MNAVG,0.04100452000000,0.01101236000000
C4B2H1S1P5L2M1J1E1A3,ALX,CL5Q,4,12,10,13,340,12,10,MNHVY,0.05749528000000,0.12801500000000
C4B2H1S1P5L2M1J1E2A1,ALX,CL5Q,4,12,10,13,340,12,40,MEPDG,0.10798500000000,0.07324088000000
C4B2H1S1P5L2M1J1E2A2,ALX,CL5Q,4,12,10,13,340,12,40,MNAVG,0.04100452000000,0.01101236000000
C4B2H1S1P5L2M1J1E2A3,ALX,CL5Q,4,12,10,13,340,12,40,MNHVY,0.05749528000000,0.12801500000000
C4B2H1S1P5L2M1J2E1A1,ALX,CL5Q,4,12,10,13,340,15,10,MEPDG,0.44068440000000,0.31287350000000
C4B2H1S1P5L2M1J2E1A2,ALX,CL5Q,4,12,10,13,340,15,10,MNAVG,0.23630350000000,0.06242990000000
C4B2H1S1P5L2M1J2E1A3,ALX,CL5Q,4,12,10,13,340,15,10,MNHVY,0.42176600000000,0.62436270000000
C4B2H1S1P5L2M1J2E2A1,ALX,CL5Q,4,12,10,13,340,15,40,MEPDG,0.44068440000000,0.31287350000000
C4B2H1S1P5L2M1J2E2A2,ALX,CL5Q,4,12,10,13,340,15,40,MNAVG,0.23630350000000,0.06242990000000
C4B2H1S1P5L2M1J2E2A3,ALX,CL5Q,4,12,10,13,340,15,40,MNHVY,0.42176600000000,0.62436270000000
C4B2H1S1P5L2M2J1E1A1,ALX,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00066763800000,0.00106069900000
C4B2H1S1P5L2M2J1E1A2,ALX,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00018495790000,0.00012198080000
C4B2H1S1P5L2M2J1E1A3,ALX,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00017884170000,0.00154905700000
C4B2H1S1P5L2M2J1E2A1,ALX,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00066763800000,0.00106069900000
C4B2H1S1P5L2M2J1E2A2,ALX,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00018495790000,0.00012198080000
C4B2H1S1P5L2M2J1E2A3,ALX,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00017884170000,0.00154905700000
C4B2H1S1P5L2M2J2E1A1,ALX,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00546406100000,0.01053820000000
C4B2H1S1P5L2M2J2E1A2,ALX,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00174080800000,0.00180206300000
C4B2H1S1P5L2M2J2E1A3,ALX,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00269181500000,0.02011388000000
C4B2H1S1P5L2M2J2E2A1,ALX,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00546406100000,0.01053820000000
C4B2H1S1P5L2M2J2E2A2,ALX,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00174080800000,0.00180206300000
C4B2H1S1P5L2M2J2E2A3,ALX,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00269181500000,0.02011388000000
C4B2H1S1P5L2M3J1E1A1,ALX,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00001070164000,0.00003063973000
C4B2H1S1P5L2M3J1E1A2,ALX,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000308912400,0.00000250675000
C4B2H1S1P5L2M3J1E1A3,ALX,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000223657400,0.00003406114000
C4B2H1S1P5L2M3J1E2A1,ALX,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00001070164000,0.00003063973000
C4B2H1S1P5L2M3J1E2A2,ALX,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000308912400,0.00000250675000
C4B2H1S1P5L2M3J1E2A3,ALX,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000223657400,0.00003406114000
C4B2H1S1P5L2M3J2E1A1,ALX,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00013285710000,0.00048528270000
C4B2H1S1P5L2M3J2E1A2,ALX,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00003330678000,0.00006788244000
C4B2H1S1P5L2M3J2E1A3,ALX,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00004127201000,0.00082711490000
C4B2H1S1P5L2M3J2E2A1,ALX,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00013285710000,0.00048528270000
C4B2H1S1P5L2M3J2E2A2,ALX,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00003330678000,0.00006788244000
C4B2H1S1P5L2M3J2E2A3,ALX,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00004127201000,0.00082711490000
C4B2H1S1P6L1M1J1E1A1,ALX,CL5Q,4,12,11,12,340,12,10,MEPDG,0.29439390000000,0.15539540000000
C4B2H1S1P6L1M1J1E1A2,ALX,CL5Q,4,12,11,12,340,12,10,MNAVG,0.08614016000000,0.02148174000000
C4B2H1S1P6L1M1J1E1A3,ALX,CL5Q,4,12,11,12,340,12,10,MNHVY,0.12602340000000,0.26736690000000
C4B2H1S1P6L1M1J1E2A1,ALX,CL5Q,4,12,11,12,340,12,40,MEPDG,0.11118890000000,0.08829252000000
C4B2H1S1P6L1M1J1E2A2,ALX,CL5Q,4,12,11,12,340,12,40,MNAVG,0.03426488000000,0.01176709000000
C4B2H1S1P6L1M1J1E2A3,ALX,CL5Q,4,12,11,12,340,12,40,MNHVY,0.04448083000000,0.14665050000000
C4B2H1S1P6L1M1J2E1A1,ALX,CL5Q,4,12,11,12,340,15,10,MEPDG,1.20856600000000,0.65938300000000
C4B2H1S1P6L1M1J2E1A2,ALX,CL5Q,4,12,11,12,340,15,10,MNAVG,0.49689090000000,0.11964780000000
C4B2H1S1P6L1M1J2E1A3,ALX,CL5Q,4,12,11,12,340,15,10,MNHVY,0.96899340000000,1.30938200000000
```

```
C4B2H1S1P6L1M1J2E2A1,ALX,CL5Q,4,12,11,12,340,15,40,MEPDG,0.52629670000000,0.38146360000000
C4B2H1S1P6L1M1J2E2A2,ALX,CL5Q,4,12,11,12,340,15,40,MNAVG,0.22933010000000,0.06884050000000
C4B2H1S1P6L1M1J2E2A3,ALX,CL5Q,4,12,11,12,340,15,40,MNHVY,0.40647820000000,0.74807320000000
C4B2H1S1P6L1M2J1E1A1,ALX,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00193769900000,0.00182239500000
C4B2H1S1P6L1M2J1E1A2,ALX,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00040929030000,0.00018829200000
C4B2H1S1P6L1M2J1E1A3,ALX,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00039964620000,0.00256147400000
C4B2H1S1P6L1M2J1E2A1,ALX,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00051035100000,0.00103500800000
C4B2H1S1P6L1M2J1E2A2,ALX,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00013070750000,0.00010329840000
C4B2H1S1P6L1M2J1E2A3,ALX,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00011418970000,0.00139326500000
C4B2H1S1P6L1M2J2E1A1,ALX,CL5Q,4,12,11,12,590,15,10,MEPDG,0.01318742000000,0.01863771000000
C4B2H1S1P6L1M2J2E1A2,ALX,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00290979400000,0.00284508700000
C4B2H1S1P6L1M2J2E1A3,ALX,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00461429800000,0.03444715000000
C4B2H1S1P6L1M2J2E2A1,ALX,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00410974200000,0.01015311000000
C4B2H1S1P6L1M2J2E2A2,ALX,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00104264000000,0.00153483000000
C4B2H1S1P6L1M2J2E2A3,ALX,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00141721800000,0.01847279000000
C4B2H1S1P6L1M3J1E1A1,ALX,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00003457212000,0.00004812052000
C4B2H1S1P6L1M3J1E1A2,ALX,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000688827000,0.00000385376700
C4B2H1S1P6L1M3J1E1A3,ALX,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000498518300,0.00005524547000
C4B2H1S1P6L1M3J1E2A1,ALX,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000682744200,0.00002930859000
C4B2H1S1P6L1M3J1E2A2,ALX,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000176603400,0.00000223443500
C4B2H1S1P6L1M3J1E2A3,ALX,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000116504200,0.00003171609000
C4B2H1S1P6L1M3J2E1A1,ALX,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00027896910000,0.00081062360000
C4B2H1S1P6L1M3J2E1A2,ALX,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00004878057000,0.00010308690000
C4B2H1S1P6L1M3J2E1A3,ALX,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00005693514000,0.00133941000000
C4B2H1S1P6L1M3J2E2A1,ALX,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00006682966000,0.00043289640000
C4B2H1S1P6L1M3J2E2A2,ALX,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00001459326000,0.00005431096000
C4B2H1S1P6L1M3J2E2A3,ALX,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00001483312000,0.00069942000000
C4B2H1S1P6L2M1J1E1A1,ALX,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02320292000000,0.03871189000000
C4B2H1S1P6L2M1J1E1A2,ALX,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00713609300000,0.00529596400000
C4B2H1S1P6L2M1J1E1A3,ALX,CL5Q,4,12,11,13,340,12,10,MNHVY,0.00895706800000,0.06521627000000
C4B2H1S1P6L2M1J1E2A1,ALX,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02320292000000,0.03871189000000
C4B2H1S1P6L2M1J1E2A2,ALX,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00713609300000,0.00529596400000
C4B2H1S1P6L2M1J1E2A3,ALX,CL5Q,4,12,11,13,340,12,40,MNHVY,0.00895706800000,0.06521627000000
C4B2H1S1P6L2M1J2E1A1,ALX,CL5Q,4,12,11,13,340,15,10,MEPDG,0.12189930000000,0.19978370000000
C4B2H1S1P6L2M1J2E1A2,ALX,CL5Q,4,12,11,13,340,15,10,MNAVG,0.05320112000000,0.03722106000000
C4B2H1S1P6L2M1J2E1A3,ALX,CL5Q,4,12,11,13,340,15,10,MNHVY,0.09232153000000,0.39587180000000
C4B2H1S1P6L2M1J2E2A1,ALX,CL5Q,4,12,11,13,340,15,40,MEPDG,0.12189930000000,0.19978370000000
C4B2H1S1P6L2M1J2E2A2,ALX,CL5Q,4,12,11,13,340,15,40,MNAVG,0.05320112000000,0.03722106000000
C4B2H1S1P6L2M1J2E2A3,ALX,CL5Q,4,12,11,13,340,15,40,MNHVY,0.09232153000000,0.39587180000000
C4B2H1S1P6L2M2J1E1A1,ALX,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00009027027000,0.00043145700000
C4B2H1S1P6L2M2J1E1A2,ALX,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00002427602000,0.00004414144000
C4B2H1S1P6L2M2J1E1A3,ALX,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00002041173000,0.00059164160000
C4B2H1S1P6L2M2J1E2A1,ALX,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00009027027000,0.00043145700000
C4B2H1S1P6L2M2J1E2A2,ALX,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00002427602000,0.00004414144000
C4B2H1S1P6L2M2J1E2A3,ALX,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00002041173000,0.00059164160000
C4B2H1S1P6L2M2J2E1A1,ALX,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00080729330000,0.00495367500000
C4B2H1S1P6L2M2J2E1A2,ALX,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00021101910000,0.00077038840000
C4B2H1S1P6L2M2J2E1A3,ALX,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00027531090000,0.00913324100000
C4B2H1S1P6L2M2J2E2A1,ALX,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00080729330000,0.00495367500000
C4B2H1S1P6L2M2J2E2A2,ALX,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00021101910000,0.00077038840000
```

```
C4B2H1S1P6L2M2J2E2A3,ALX,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00027531090000,0.00913324100000
C4B2H1S1P6L2M3J1E1A1,ALX,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000106421600,0.00001203734000
C4B2H1S1P6L2M3J1E1A2,ALX,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000029473520,0.00000093832390
C4B2H1S1P6L2M3J1E1A3,ALX,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000018800250,0.00001326911000
C4B2H1S1P6L2M3J1E2A1,ALX,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000106421600,0.00001203734000
C4B2H1S1P6L2M3J1E2A2,ALX,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000029473520,0.00000093832390
C4B2H1S1P6L2M3J1E2A3,ALX,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000018800250,0.00001326911000
C4B2H1S1P6L2M3J2E1A1,ALX,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00001169861000,0.00020389320000
C4B2H1S1P6L2M3J2E1A2,ALX,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000269416600,0.00002628508000
C4B2H1S1P6L2M3J2E1A3,ALX,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000265042700,0.00033510550000
C4B2H1S1P6L2M3J2E2A1,ALX,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00001169861000,0.00020389320000
C4B2H1S1P6L2M3J2E2A2,ALX,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000269416600,0.00002628508000
C4B2H1S1P6L2M3J2E2A3,ALX,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000265042700,0.00033510550000
C4B2H1S1P7L1M1J1E1A1,ALX,CL5Q,4,12,12,12,340,12,10,MEPDG,0.06930542000000,0.07460663000000
C4B2H1S1P7L1M1J1E1A2,ALX,CL5Q,4,12,12,12,340,12,10,MNAVG,0.01638104000000,0.00923902700000
C4B2H1S1P7L1M1J1E1A3,ALX,CL5Q,4,12,12,12,340,12,10,MNHVY,0.02151832000000,0.12074970000000
C4B2H1S1P7L1M1J1E2A1,ALX,CL5Q,4,12,12,12,340,12,40,MEPDG,0.02327873000000,0.04401041000000
C4B2H1S1P7L1M1J1E2A2,ALX,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00611484800000,0.00532631000000
C4B2H1S1P7L1M1J1E2A3,ALX,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00700787700000,0.06917036000000
C4B2H1S1P7L1M1J2E1A1,ALX,CL5Q,4,12,12,12,340,15,10,MEPDG,0.32907330000000,0.37820910000000
C4B2H1S1P7L1M1J2E1A2,ALX,CL5Q,4,12,12,12,340,15,10,MNAVG,0.10338800000000,0.06332885000000
C4B2H1S1P7L1M1J2E1A3,ALX,CL5Q,4,12,12,12,340,15,10,MNHVY,0.19304000000000,0.73132230000000
C4B2H1S1P7L1M1J2E2A1,ALX,CL5Q,4,12,12,12,340,15,40,MEPDG,0.12822520000000,0.22660710000000
C4B2H1S1P7L1M1J2E2A2,ALX,CL5Q,4,12,12,12,340,15,40,MNAVG,0.04370987000000,0.03804039000000
C4B2H1S1P7L1M1J2E2A3,ALX,CL5Q,4,12,12,12,340,15,40,MNHVY,0.07202364000000,0.43423680000000
C4B2H1S1P7L1M2J1E1A1,ALX,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00031145940000,0.00071859090000
C4B2H1S1P7L1M2J1E1A2,ALX,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00006069987000,0.00006715709000
C4B2H1S1P7L1M2J1E1A3,ALX,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00005074840000,0.00094441320000
C4B2H1S1P7L1M2J1E2A1,ALX,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00007106079000,0.00043552160000
C4B2H1S1P7L1M2J1E2A2,ALX,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00001766128000,0.00003991607000
C4B2H1S1P7L1M2J1E2A3,ALX,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00001318873000,0.00055507720000
C4B2H1S1P7L1M2J2E1A1,ALX,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00195451000000,0.00826241300000
C4B2H1S1P7L1M2J2E1A2,ALX,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00036023910000,0.00114549800000
C4B2H1S1P7L1M2J2E1A3,ALX,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00044741500000,0.01451513000000
C4B2H1S1P7L1M2J2E2A1,ALX,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00052546300000,0.00465848600000
C4B2H1S1P7L1M2J2E2A2,ALX,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00011798380000,0.00064677580000
C4B2H1S1P7L1M2J2E2A3,ALX,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00012594470000,0.00809643200000
C4B2H1S1P7L1M3J1E1A1,ALX,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000475763000,0.00001795226000
C4B2H1S1P7L1M3J1E1A2,ALX,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000082791060,0.00000131247600
C4B2H1S1P7L1M3J1E1A3,ALX,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000054112670,0.00001938640000
C4B2H1S1P7L1M3J1E2A1,ALX,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000083307260,0.00001204786000
C4B2H1S1P7L1M3J1E2A2,ALX,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000019828750,0.00000085149400
C4B2H1S1P7L1M3J1E2A3,ALX,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000011783620,0.00001250013000
C4B2H1S1P7L1M3J2E1A1,ALX,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00002805492000,0.00031207690000
C4B2H1S1P7L1M3J2E1A2,ALX,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000443771800,0.00003505918000
C4B2H1S1P7L1M3J2E1A3,ALX,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000400316400,0.00048038840000
C4B2H1S1P7L1M3J2E2A1,ALX,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000578425600,0.00017927130000
C4B2H1S1P7L1M3J2E2A2,ALX,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000120296900,0.00002007467000
C4B2H1S1P7L1M3J2E2A3,ALX,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000096185200,0.00027159190000
C4B2H1S1P7L2M1J1E1A1,ALX,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00460929800000,0.01978583000000
```

```
C4B2H1S1P7L2M1J1E1A2,ALX,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00123705400000,0.00245001800000
C4B2H1S1P7L2M1J1E1A3,ALX,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00135871400000,0.03152797000000
C4B2H1S1P7L2M1J1E2A1,ALX,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00460929800000,0.01978583000000
C4B2H1S1P7L2M1J1E2A2,ALX,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00123705400000,0.00245001800000
C4B2H1S1P7L2M1J1E2A3,ALX,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00135871400000,0.03152797000000
C4B2H1S1P7L2M1J2E1A1,ALX,CL5Q,4,12,12,13,340,15,10,MEPDG,0.02800454000000,0.12009870000000
C4B2H1S1P7L2M1J2E1A2,ALX,CL5Q,4,12,12,13,340,15,10,MNAVG,0.00962675900000,0.02080980000000
C4B2H1S1P7L2M1J2E1A3,ALX,CL5Q,4,12,12,13,340,15,10,MNHVY,0.01535208000000,0.23283660000000
C4B2H1S1P7L2M1J2E2A1,ALX,CL5Q,4,12,12,13,340,15,40,MEPDG,0.02800454000000,0.12009870000000
C4B2H1S1P7L2M1J2E2A2,ALX,CL5Q,4,12,12,13,340,15,40,MNAVG,0.00962675900000,0.02080980000000
C4B2H1S1P7L2M1J2E2A3,ALX,CL5Q,4,12,12,13,340,15,40,MNHVY,0.01535208000000,0.23283660000000
C4B2H1S1P7L2M2J1E1A1,ALX,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00001181800000,0.00019331780000
C4B2H1S1P7L2M2J1E1A2,ALX,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000313329100,0.00001834619000
C4B2H1S1P7L2M2J1E1A3,ALX,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000225221100,0.00025334500000
C4B2H1S1P7L2M2J1E2A1,ALX,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00001181800000,0.00019331780000
C4B2H1S1P7L2M2J1E2A2,ALX,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000313329100,0.00001834619000
C4B2H1S1P7L2M2J1E2A3,ALX,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000225221100,0.00025334500000
C4B2H1S1P7L2M2J2E1A1,ALX,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00009598737000,0.00234210000000
C4B2H1S1P7L2M2J2E1A2,ALX,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00002265282000,0.00033512590000
C4B2H1S1P7L2M2J2E1A3,ALX,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00002316995000,0.00413984700000
C4B2H1S1P7L2M2J2E2A1,ALX,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00009598737000,0.00234210000000
C4B2H1S1P7L2M2J2E2A2,ALX,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00002265282000,0.00033512590000
C4B2H1S1P7L2M2J2E2A3,ALX,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00002316995000,0.00413984700000
C4B2H1S1P7L2M3J1E1A1,ALX,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000012389260,0.00000528955800
C4B2H1S1P7L2M3J1E1A2,ALX,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000003202996,0.00000038229140
C4B2H1S1P7L2M3J1E1A3,ALX,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000001845456,0.00000560061600
C4B2H1S1P7L2M3J1E2A1,ALX,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000012389260,0.00000528955800
C4B2H1S1P7L2M3J1E2A2,ALX,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000003202996,0.00000038229140
C4B2H1S1P7L2M3J1E2A3,ALX,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000001845456,0.00000560061600
C4B2H1S1P7L2M3J2E1A1,ALX,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000094279530,0.00008853286000
C4B2H1S1P7L2M3J2E1A2,ALX,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000021021760,0.00001019820000
C4B2H1S1P7L2M3J2E1A3,ALX,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000016278630,0.00013685160000
C4B2H1S1P7L2M3J2E2A1,ALX,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000094279530,0.00008853286000
C4B2H1S1P7L2M3J2E2A2,ALX,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000021021760,0.00001019820000
C4B2H1S1P7L2M3J2E2A3,ALX,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000016278630,0.00013685160000
C4B2H2S2P1L1M1J1E1A1,ALX,CL5Q,12,4,6,12,340,12,10,MEPDG,30.95399000000000,0.00000000000243
C4B2H2S2P1L1M1J1E1A2,ALX,CL5Q,12,4,6,12,340,12,10,MNAVG,23.13097000000000,0.00000000000017
C4B2H2S2P1L1M1J1E1A3,ALX,CL5Q,12,4,6,12,340,12,10,MNHVY,38.99728000000000,0.00000000000225
C4B2H2S2P1L1M1J1E2A1,ALX,CL5Q,12,4,6,12,340,12,40,MEPDG,18.07807000000000,0.00000000000126
C4B2H2S2P1L1M1J1E2A2,ALX,CL5Q,12,4,6,12,340,12,40,MNAVG,12.85662000000000,0.00000000000010
C4B2H2S2P1L1M1J1E2A3,ALX,CL5Q,12,4,6,12,340,12,40,MNHVY,22.09925000000000,0.00000000000135
C4B2H2S2P1L1M1J2E1A1,ALX,CL5Q,12,4,6,12,340,15,10,MEPDG,38.70120000000000,0.00000000000214
C4B2H2S2P1L1M1J2E1A2,ALX,CL5Q,12,4,6,12,340,15,10,MNAVG,30.27125000000000,0.00000000000025
C4B2H2S2P1L1M1J2E1A3,ALX,CL5Q,12,4,6,12,340,15,10,MNHVY,52.21480000000000,0.00000000000304
C4B2H2S2P1L1M1J2E2A1,ALX,CL5Q,12,4,6,12,340,15,40,MEPDG,23.23702000000000,0.00000000000127
C4B2H2S2P1L1M1J2E2A2,ALX,CL5Q,12,4,6,12,340,15,40,MNAVG,17.44072000000000,0.00000000000017
C4B2H2S2P1L1M1J2E2A3,ALX,CL5Q,12,4,6,12,340,15,40,MNHVY,30.71972000000000,0.00000000000198
C4B2H2S2P1L1M2J1E1A1,ALX,CL5Q,12,4,6,12,590,12,10,MEPDG,3.99444500000000,0.00000000001606
C4B2H2S2P1L1M2J1E1A2,ALX,CL5Q,12,4,6,12,590,12,10,MNAVG,2.52862100000000,0.00000000000102
C4B2H2S2P1L1M2J1E1A3,ALX,CL5Q,12,4,6,12,590,12,10,MNHVY,4.22542500000000,0.00000000001480
```

```
C4B2H2S2P1L1M2J1E2A1,ALX,CL5Q,12,4,6,12,590,12,40,MEPDG,2.09408600000000,0.00000000000794
C4B2H2S2P1L1M2J1E2A2,ALX,CL5Q,12,4,6,12,590,12,40,MNAVG,1.28982000000000,0.00000000000056
C4B2H2S2P1L1M2J1E2A3,ALX,CL5Q,12,4,6,12,590,12,40,MNHVY,2.15471200000000,0.00000000000799
C4B2H2S2P1L1M2J2E1A1,ALX,CL5Q,12,4,6,12,590,15,10,MEPDG,6.97387600000000,0.00000000004868
C4B2H2S2P1L1M2J2E1A2,ALX,CL5Q,12,4,6,12,590,15,10,MNAVG,5.05114600000000,0.00000000000510
C4B2H2S2P1L1M2J2E1A3,ALX,CL5Q,12,4,6,12,590,15,10,MNHVY,8.94014200000000,0.00000000006879
C4B2H2S2P1L1M2J2E2A1,ALX,CL5Q,12,4,6,12,590,15,40,MEPDG,3.93008000000000,0.00000000002739
C4B2H2S2P1L1M2J2E2A2,ALX,CL5Q,12,4,6,12,590,15,40,MNAVG,2.82017000000000,0.00000000000319
C4B2H2S2P1L1M2J2E2A3,ALX,CL5Q,12,4,6,12,590,15,40,MNHVY,5.01236600000000,0.00000000004148
C4B2H2S2P1L1M3J1E1A1,ALX,CL5Q,12,4,6,12,840,12,10,MEPDG,0.58612150000000,0.00000000002695
C4B2H2S2P1L1M3J1E1A2,ALX,CL5Q,12,4,6,12,840,12,10,MNAVG,0.28973210000000,0.00000000000222
C4B2H2S2P1L1M3J1E1A3,ALX,CL5Q,12,4,6,12,840,12,10,MNHVY,0.47103030000000,0.00000000003430
C4B2H2S2P1L1M3J1E2A1,ALX,CL5Q,12,4,6,12,840,12,40,MEPDG,0.26862570000000,0.00000000001056
C4B2H2S2P1L1M3J1E2A2,ALX,CL5Q,12,4,6,12,840,12,40,MNAVG,0.13125890000000,0.00000000000082
C4B2H2S2P1L1M3J1E2A3,ALX,CL5Q,12,4,6,12,840,12,40,MNHVY,0.20721600000000,0.00000000001246
C4B2H2S2P1L1M3J2E1A1,ALX,CL5Q,12,4,6,12,840,15,10,MEPDG,1.40418100000000,0.00000000010826
C4B2H2S2P1L1M3J2E1A2,ALX,CL5Q,12,4,6,12,840,15,10,MNAVG,0.87767000000000,0.00000000001235
C4B2H2S2P1L1M3J2E1A3,ALX,CL5Q,12,4,6,12,840,15,10,MNHVY,1.62516700000000,0.00000000017817
C4B2H2S2P1L1M3J2E2A1,ALX,CL5Q,12,4,6,12,840,15,40,MEPDG,0.71297320000000,0.00000000004140
C4B2H2S2P1L1M3J2E2A2,ALX,CL5Q,12,4,6,12,840,15,40,MNAVG,0.45032440000000,0.00000000000478
C4B2H2S2P1L1M3J2E2A3,ALX,CL5Q,12,4,6,12,840,15,40,MNHVY,0.81851680000000,0.00000000006720
C4B2H2S2P1L2M1J1E1A1,ALX,CL5Q,12,4,6,13,340,12,10,MEPDG,4.51887800000000,0.00000000000051
C4B2H2S2P1L2M1J1E1A2,ALX,CL5Q,12,4,6,13,340,12,10,MNAVG,3.10100800000000,0.00000000000005
C4B2H2S2P1L2M1J1E1A3,ALX,CL5Q,12,4,6,13,340,12,10,MNHVY,5.40054000000000,0.00000000000061
C4B2H2S2P1L2M1J1E2A1,ALX,CL5Q,12,4,6,13,340,12,40,MEPDG,4.51887800000000,0.00000000000051
C4B2H2S2P1L2M1J1E2A2,ALX,CL5Q,12,4,6,13,340,12,40,MNAVG,3.10100800000000,0.00000000000005
C4B2H2S2P1L2M1J1E2A3,ALX,CL5Q,12,4,6,13,340,12,40,MNHVY,5.40054000000000,0.00000000000061
C4B2H2S2P1L2M1J2E1A1,ALX,CL5Q,12,4,6,13,340,15,10,MEPDG,5.95533300000000,0.00000000000063
C4B2H2S2P1L2M1J2E1A2,ALX,CL5Q,12,4,6,13,340,15,10,MNAVG,4.35107900000000,0.00000000000010
C4B2H2S2P1L2M1J2E1A3,ALX,CL5Q,12,4,6,13,340,15,10,MNHVY,7.74668000000000,0.00000000000105
C4B2H2S2P1L2M1J2E2A1,ALX,CL5Q,12,4,6,13,340,15,40,MEPDG,5.95533300000000,0.00000000000063
C4B2H2S2P1L2M1J2E2A2,ALX,CL5Q,12,4,6,13,340,15,40,MNAVG,4.35107900000000,0.00000000000010
C4B2H2S2P1L2M1J2E2A3,ALX,CL5Q,12,4,6,13,340,15,40,MNHVY,7.74668000000000,0.00000000000105
C4B2H2S2P1L2M2J1E1A1,ALX,CL5Q,12,4,6,13,590,12,10,MEPDG,0.50333350000000,0.00000000000285
C4B2H2S2P1L2M2J1E1A2,ALX,CL5Q,12,4,6,13,590,12,10,MNAVG,0.30163710000000,0.00000000000022
C4B2H2S2P1L2M2J1E1A3,ALX,CL5Q,12,4,6,13,590,12,10,MNHVY,0.51098220000000,0.00000000000306
C4B2H2S2P1L2M2J1E2A1,ALX,CL5Q,12,4,6,13,590,12,40,MEPDG,0.50333350000000,0.00000000000285
C4B2H2S2P1L2M2J1E2A2,ALX,CL5Q,12,4,6,13,590,12,40,MNAVG,0.30163710000000,0.00000000000022
C4B2H2S2P1L2M2J1E2A3,ALX,CL5Q,12,4,6,13,590,12,40,MNHVY,0.51098220000000,0.00000000000306
C4B2H2S2P1L2M2J2E1A1,ALX,CL5Q,12,4,6,13,590,15,10,MEPDG,1.01336500000000,0.00000000001147
C4B2H2S2P1L2M2J2E1A2,ALX,CL5Q,12,4,6,13,590,15,10,MNAVG,0.72343400000000,0.00000000000145
C4B2H2S2P1L2M2J2E1A3,ALX,CL5Q,12,4,6,13,590,15,10,MNHVY,1.29981100000000,0.00000000001834
C4B2H2S2P1L2M2J2E2A1,ALX,CL5Q,12,4,6,13,590,15,40,MEPDG,1.01336500000000,0.00000000001147
C4B2H2S2P1L2M2J2E2A2,ALX,CL5Q,12,4,6,13,590,15,40,MNAVG,0.72343400000000,0.00000000000145
C4B2H2S2P1L2M2J2E2A3,ALX,CL5Q,12,4,6,13,590,15,40,MNHVY,1.29981100000000,0.00000000001834
C4B2H2S2P1L2M3J1E1A1,ALX,CL5Q,12,4,6,13,840,12,10,MEPDG,0.06084837000000,0.00000000000307
C4B2H2S2P1L2M3J1E1A2,ALX,CL5Q,12,4,6,13,840,12,10,MNAVG,0.02897672000000,0.00000000000024
C4B2H2S2P1L2M3J1E1A3,ALX,CL5Q,12,4,6,13,840,12,10,MNHVY,0.04621204000000,0.00000000000369
C4B2H2S2P1L2M3J1E2A1,ALX,CL5Q,12,4,6,13,840,12,40,MEPDG,0.06084837000000,0.00000000000307
C4B2H2S2P1L2M3J1E2A2,ALX,CL5Q,12,4,6,13,840,12,40,MNAVG,0.02897672000000,0.00000000000024
```

```
C4B2H2S2P1L2M3J1E2A3,ALX,CL5Q,12,4,6,13,840,12,40,MNHVY,0.04621204000000,0.00000000000369
C4B2H2S2P1L2M3J2E1A1,ALX,CL5Q,12,4,6,13,840,15,10,MEPDG,0.17807640000000,0.00000000001736
C4B2H2S2P1L2M3J2E1A2,ALX,CL5Q,12,4,6,13,840,15,10,MNAVG,0.11240410000000,0.00000000000209
C4B2H2S2P1L2M3J2E1A3,ALX,CL5Q,12,4,6,13,840,15,10,MNHVY,0.20751130000000,0.00000000002900
C4B2H2S2P1L2M3J2E2A1,ALX,CL5Q,12,4,6,13,840,15,40,MEPDG,0.17807640000000,0.00000000001736
C4B2H2S2P1L2M3J2E2A2,ALX,CL5Q,12,4,6,13,840,15,40,MNAVG,0.11240410000000,0.00000000000209
C4B2H2S2P1L2M3J2E2A3,ALX,CL5Q,12,4,6,13,840,15,40,MNHVY,0.20751130000000,0.00000000002900
C4B2H2S2P2L1M1J1E1A1,ALX,CL5Q,12,4,7,12,340,12,10,MEPDG,17.79056000000000,0.00006583577000
C4B2H2S2P2L1M1J1E1A2,ALX,CL5Q,12,4,7,12,340,12,10,MNAVG,12.78019000000000,0.00001362772000
C4B2H2S2P2L1M1J1E1A3,ALX,CL5Q,12,4,7,12,340,12,10,MNHVY,22.30288000000000,0.00013492980000
C4B2H2S2P2L1M1J1E2A1,ALX,CL5Q,12,4,7,12,340,12,40,MEPDG,10.05523000000000,0.00003595696000
C4B2H2S2P2L1M1J1E2A2,ALX,CL5Q,12,4,7,12,340,12,40,MNAVG,7.05051000000000,0.00000724526400
C4B2H2S2P2L1M1J1E2A3,ALX,CL5Q,12,4,7,12,340,12,40,MNHVY,12.32590000000000,0.00007230311000
C4B2H2S2P2L1M1J2E1A1,ALX,CL5Q,12,4,7,12,340,15,10,MEPDG,28.92180000000000,0.00012932550000
C4B2H2S2P2L1M1J2E1A2,ALX,CL5Q,12,4,7,12,340,15,10,MNAVG,22.90570000000000,0.00002993462000
C4B2H2S2P2L1M1J2E1A3,ALX,CL5Q,12,4,7,12,340,15,10,MNHVY,41.47129000000000,0.00026781910000
C4B2H2S2P2L1M1J2E2A1,ALX,CL5Q,12,4,7,12,340,15,40,MEPDG,17.39962000000000,0.00011290560000
C4B2H2S2P2L1M1J2E2A2,ALX,CL5Q,12,4,7,12,340,15,40,MNAVG,13.63905000000000,0.00002597379000
C4B2H2S2P2L1M1J2E2A3,ALX,CL5Q,12,4,7,12,340,15,40,MNHVY,24.80714000000000,0.00023153030000
C4B2H2S2P2L1M2J1E1A1,ALX,CL5Q,12,4,7,12,590,12,10,MEPDG,1.21445100000000,0.00003023617000
C4B2H2S2P2L1M2J1E1A2,ALX,CL5Q,12,4,7,12,590,12,10,MNAVG,0.61912030000000,0.00000550524200
C4B2H2S2P2L1M2J1E1A3,ALX,CL5Q,12,4,7,12,590,12,10,MNHVY,1.05031600000000,0.00005855277000
C4B2H2S2P2L1M2J1E2A1,ALX,CL5Q,12,4,7,12,590,12,40,MEPDG,0.56714760000000,0.00001548896000
C4B2H2S2P2L1M2J1E2A2,ALX,CL5Q,12,4,7,12,590,12,40,MNAVG,0.28866880000000,0.00000257056400
C4B2H2S2P2L1M2J1E2A3,ALX,CL5Q,12,4,7,12,590,12,40,MNHVY,0.46970670000000,0.00002846928000
C4B2H2S2P2L1M2J2E1A1,ALX,CL5Q,12,4,7,12,590,15,10,MEPDG,3.15622500000000,0.00011007080000
C4B2H2S2P2L1M2J2E1A2,ALX,CL5Q,12,4,7,12,590,15,10,MNAVG,2.01823300000000,0.00002365839000
C4B2H2S2P2L1M2J2E1A3,ALX,CL5Q,12,4,7,12,590,15,10,MNHVY,3.85401700000000,0.00022647240000
C4B2H2S2P2L1M2J2E2A1,ALX,CL5Q,12,4,7,12,590,15,40,MEPDG,1.64900700000000,0.00004696915000
C4B2H2S2P2L1M2J2E2A2,ALX,CL5Q,12,4,7,12,590,15,40,MNAVG,1.07597700000000,0.00000966793500
C4B2H2S2P2L1M2J2E2A3,ALX,CL5Q,12,4,7,12,590,15,40,MNHVY,1.99926700000000,0.00009478399000
C4B2H2S2P2L1M3J1E1A1,ALX,CL5Q,12,4,7,12,840,12,10,MEPDG,0.12103910000000,0.00000055756950
C4B2H2S2P2L1M3J1E1A2,ALX,CL5Q,12,4,7,12,840,12,10,MNAVG,0.04443514000000,0.00000007544234
C4B2H2S2P2L1M3J1E1A3,ALX,CL5Q,12,4,7,12,840,12,10,MNHVY,0.07146881000000,0.00000091831580
C4B2H2S2P2L1M3J1E2A1,ALX,CL5Q,12,4,7,12,840,12,40,MEPDG,0.04773715000000,0.00000147471900
C4B2H2S2P2L1M3J1E2A2,ALX,CL5Q,12,4,7,12,840,12,40,MNAVG,0.01806570000000,0.00000016630170
C4B2H2S2P2L1M3J1E2A3,ALX,CL5Q,12,4,7,12,840,12,40,MNHVY,0.02691780000000,0.00000212637600
C4B2H2S2P2L1M3J2E1A1,ALX,CL5Q,12,4,7,12,840,15,10,MEPDG,0.48971550000000,0.00003061107000
C4B2H2S2P2L1M3J2E1A2,ALX,CL5Q,12,4,7,12,840,15,10,MNAVG,0.24608690000000,0.00000548016500
C4B2H2S2P2L1M3J2E1A3,ALX,CL5Q,12,4,7,12,840,15,10,MNHVY,0.51415610000000,0.00005985148000
C4B2H2S2P2L1M3J2E2A1,ALX,CL5Q,12,4,7,12,840,15,40,MEPDG,0.22184420000000,0.00001317648000
C4B2H2S2P2L1M3J2E2A2,ALX,CL5Q,12,4,7,12,840,15,40,MNAVG,0.11603480000000,0.00000215668500
C4B2H2S2P2L1M3J2E2A3,ALX,CL5Q,12,4,7,12,840,15,40,MNHVY,0.22833340000000,0.00002444962000
C4B2H2S2P2L2M1J1E1A1,ALX,CL5Q,12,4,7,13,340,12,10,MEPDG,2.53461600000000,0.00001725584000
C4B2H2S2P2L2M1J1E1A2,ALX,CL5Q,12,4,7,13,340,12,10,MNAVG,1.73651700000000,0.00000358005000
C4B2H2S2P2L2M1J1E1A3,ALX,CL5Q,12,4,7,13,340,12,10,MNHVY,3.06309900000000,0.00003494740000
C4B2H2S2P2L2M1J1E2A1,ALX,CL5Q,12,4,7,13,340,12,40,MEPDG,2.53461600000000,0.00001725584000
C4B2H2S2P2L2M1J1E2A2,ALX,CL5Q,12,4,7,13,340,12,40,MNAVG,1.73651700000000,0.00000358005000
C4B2H2S2P2L2M1J1E2A3,ALX,CL5Q,12,4,7,13,340,12,40,MNHVY,3.06309900000000,0.00003494740000
C4B2H2S2P2L2M1J2E1A1,ALX,CL5Q,12,4,7,13,340,15,10,MEPDG,4.69018500000000,0.00006373391000
```

```
C4B2H2S2P2L2M1J2E1A2,ALX,CL5Q,12,4,7,13,340,15,10,MNAVG,3.65875500000000,0.00001501262000
C4B2H2S2P2L2M1J2E1A3,ALX,CL5Q,12,4,7,13,340,15,10,MNHVY,6.68271600000000,0.00013074690000
C4B2H2S2P2L2M1J2E2A1,ALX,CL5Q,12,4,7,13,340,15,40,MEPDG,4.69018500000000,0.00006373391000
C4B2H2S2P2L2M1J2E2A2,ALX,CL5Q,12,4,7,13,340,15,40,MNAVG,3.65875500000000,0.00001501262000
C4B2H2S2P2L2M1J2E2A3,ALX,CL5Q,12,4,7,13,340,15,40,MNHVY,6.68271600000000,0.00013074690000
C4B2H2S2P2L2M2J1E1A1,ALX,CL5Q,12,4,7,13,590,12,10,MEPDG,0.13059200000000,0.00000540034200
C4B2H2S2P2L2M2J1E1A2,ALX,CL5Q,12,4,7,13,590,12,10,MNAVG,0.06499822000000,0.00000090695310
C4B2H2S2P2L2M2J1E1A3,ALX,CL5Q,12,4,7,13,590,12,10,MNHVY,0.10607040000000,0.00000994234300
C4B2H2S2P2L2M2J1E2A1,ALX,CL5Q,12,4,7,13,590,12,40,MEPDG,0.13059200000000,0.00000540034200
C4B2H2S2P2L2M2J1E2A2,ALX,CL5Q,12,4,7,13,590,12,40,MNAVG,0.06499822000000,0.00000090695310
C4B2H2S2P2L2M2J1E2A3,ALX,CL5Q,12,4,7,13,590,12,40,MNHVY,0.10607040000000,0.00000994234300
C4B2H2S2P2L2M2J2E1A1,ALX,CL5Q,12,4,7,13,590,15,10,MEPDG,0.42040040000000,0.00002274916000
C4B2H2S2P2L2M2J2E1A2,ALX,CL5Q,12,4,7,13,590,15,10,MNAVG,0.27457880000000,0.00000473535600
C4B2H2S2P2L2M2J2E1A3,ALX,CL5Q,12,4,7,13,590,15,10,MNHVY,0.51242950000000,0.00004595225000
C4B2H2S2P2L2M2J2E2A1,ALX,CL5Q,12,4,7,13,590,15,40,MEPDG,0.42040040000000,0.00002274916000
C4B2H2S2P2L2M2J2E2A2,ALX,CL5Q,12,4,7,13,590,15,40,MNAVG,0.27457880000000,0.00000473535600
C4B2H2S2P2L2M2J2E2A3,ALX,CL5Q,12,4,7,13,590,15,40,MNHVY,0.51242950000000,0.00004595225000
C4B2H2S2P2L2M3J1E1A1,ALX,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01017769000000,0.00000090283920
C4B2H2S2P2L2M3J1E1A2,ALX,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00379636200000,0.00000009940531
C4B2H2S2P2L2M3J1E1A3,ALX,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00561669500000,0.00000127182100
C4B2H2S2P2L2M3J1E2A1,ALX,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01017769000000,0.00000090283920
C4B2H2S2P2L2M3J1E2A2,ALX,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00379636200000,0.00000009940531
C4B2H2S2P2L2M3J1E2A3,ALX,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00561669500000,0.00000127182100
C4B2H2S2P2L2M3J2E1A1,ALX,CL5Q,12,4,7,13,840,15,10,MEPDG,0.05321200000000,0.00000414105900
C4B2H2S2P2L2M3J2E1A2,ALX,CL5Q,12,4,7,13,840,15,10,MNAVG,0.02783465000000,0.00000067219070
C4B2H2S2P2L2M3J2E1A3,ALX,CL5Q,12,4,7,13,840,15,10,MNHVY,0.05494967000000,0.00000762398000
C4B2H2S2P2L2M3J2E2A1,ALX,CL5Q,12,4,7,13,840,15,40,MEPDG,0.05321200000000,0.00000414105900
C4B2H2S2P2L2M3J2E2A2,ALX,CL5Q,12,4,7,13,840,15,40,MNAVG,0.02783465000000,0.00000067219070
C4B2H2S2P2L2M3J2E2A3,ALX,CL5Q,12,4,7,13,840,15,40,MNHVY,0.05494967000000,0.00000762398000
C4B2H2S2P3L1M1J1E1A1,ALX,CL5Q,12,4,8,12,340,12,10,MEPDG,7.43688000000000,0.00081493540000
C4B2H2S2P3L1M1J1E1A2,ALX,CL5Q,12,4,8,12,340,12,10,MNAVG,4.57078800000000,0.00017116340000
C4B2H2S2P3L1M1J1E1A3,ALX,CL5Q,12,4,8,12,340,12,10,MNHVY,8.12342500000000,0.00168664500000
C4B2H2S2P3L1M1J1E2A1,ALX,CL5Q,12,4,8,12,340,12,40,MEPDG,3.85334300000000,0.00042732380000
C4B2H2S2P3L1M1J1E2A2,ALX,CL5Q,12,4,8,12,340,12,40,MNAVG,2.35739700000000,0.00008753556000
C4B2H2S2P3L1M1J1E2A3,ALX,CL5Q,12,4,8,12,340,12,40,MNHVY,4.06889700000000,0.00087088240000
C4B2H2S2P3L1M1J2E1A1,ALX,CL5Q,12,4,8,12,340,15,10,MEPDG,16.19748000000000,0.00276941500000
C4B2H2S2P3L1M1J2E1A2,ALX,CL5Q,12,4,8,12,340,15,10,MNAVG,11.76827000000000,0.00064752720000
C4B2H2S2P3L1M1J2E1A3,ALX,CL5Q,12,4,8,12,340,15,10,MNHVY,22.40221000000000,0.00577519400000
C4B2H2S2P3L1M1J2E2A1,ALX,CL5Q,12,4,8,12,340,15,40,MEPDG,9.24694700000000,0.00168204300000
C4B2H2S2P3L1M1J2E2A2,ALX,CL5Q,12,4,8,12,340,15,40,MNAVG,6.81340600000000,0.00039019020000
C4B2H2S2P3L1M1J2E2A3,ALX,CL5Q,12,4,8,12,340,15,40,MNHVY,12.72044000000000,0.00347704500000
C4B2H2S2P3L1M2J1E1A1,ALX,CL5Q,12,4,8,12,590,12,10,MEPDG,0.30016170000000,0.00007370515000
C4B2H2S2P3L1M2J1E1A2,ALX,CL5Q,12,4,8,12,590,12,10,MNAVG,0.11528950000000,0.00001292647000
C4B2H2S2P3L1M2J1E1A3,ALX,CL5Q,12,4,8,12,590,12,10,MNHVY,0.19264800000000,0.00014242140000
C4B2H2S2P3L1M2J1E2A1,ALX,CL5Q,12,4,8,12,590,12,40,MEPDG,0.12243980000000,0.00002000585000
C4B2H2S2P3L1M2J1E2A2,ALX,CL5Q,12,4,8,12,590,12,40,MNAVG,0.04833391000000,0.00000322427300
C4B2H2S2P3L1M2J1E2A3,ALX,CL5Q,12,4,8,12,590,12,40,MNHVY,0.07407024000000,0.00003663794000
C4B2H2S2P3L1M2J2E1A1,ALX,CL5Q,12,4,8,12,590,15,10,MEPDG,1.22234300000000,0.00051916300000
C4B2H2S2P3L1M2J2E1A2,ALX,CL5Q,12,4,8,12,590,15,10,MNAVG,0.64163190000000,0.00010844580000
C4B2H2S2P3L1M2J2E1A3,ALX,CL5Q,12,4,8,12,590,15,10,MNHVY,1.34941700000000,0.00107663100000
```

```
C4B2H2S2P3L1M2J2E2A1,ALX,CL5Q,12,4,8,12,590,15,40,MEPDG,0.57585870000000,0.00232732000000
C4B2H2S2P3L1M2J2E2A2,ALX,CL5Q,12,4,8,12,590,15,40,MNAVG,0.31666660000000,0.00046367540000
C4B2H2S2P3L1M2J2E2A3,ALX,CL5Q,12,4,8,12,590,15,40,MNHVY,0.62421220000000,0.00466126800000
C4B2H2S2P3L1M3J1E1A1,ALX,CL5Q,12,4,8,12,840,12,10,MEPDG,0.01894000000000,0.00001378301000
C4B2H2S2P3L1M3J1E1A2,ALX,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00520518600000,0.00000179299200
C4B2H2S2P3L1M3J1E1A3,ALX,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00749822300000,0.00002211729000
C4B2H2S2P3L1M3J1E2A1,ALX,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00635734700000,0.00001464976000
C4B2H2S2P3L1M3J1E2A2,ALX,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00189555900000,0.00000160903600
C4B2H2S2P3L1M3J1E2A3,ALX,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00245302200000,0.00002066924000
C4B2H2S2P3L1M3J2E1A1,ALX,CL5Q,12,4,8,12,840,15,10,MEPDG,0.12697860000000,0.00004081611000
C4B2H2S2P3L1M3J2E1A2,ALX,CL5Q,12,4,8,12,840,15,10,MNAVG,0.04693377000000,0.00000699243400
C4B2H2S2P3L1M3J2E1A3,ALX,CL5Q,12,4,8,12,840,15,10,MNHVY,0.10709040000000,0.00007920679000
C4B2H2S2P3L1M3J2E2A1,ALX,CL5Q,12,4,8,12,840,15,40,MEPDG,0.04992982000000,0.00002125613000
C4B2H2S2P3L1M3J2E2A2,ALX,CL5Q,12,4,8,12,840,15,40,MNAVG,0.01982595000000,0.00000331514200
C4B2H2S2P3L1M3J2E2A3,ALX,CL5Q,12,4,8,12,840,15,40,MNHVY,0.04064951000000,0.00003889940000
C4B2H2S2P3L2M1J1E1A1,ALX,CL5Q,12,4,8,13,340,12,10,MEPDG,0.94031300000000,0.00021175700000
C4B2H2S2P3L2M1J1E1A2,ALX,CL5Q,12,4,8,13,340,12,10,MNAVG,0.56320180000000,0.00004421889000
C4B2H2S2P3L2M1J1E1A3,ALX,CL5Q,12,4,8,13,340,12,10,MNHVY,0.97356690000000,0.00043307830000
C4B2H2S2P3L2M1J1E2A1,ALX,CL5Q,12,4,8,13,340,12,40,MEPDG,0.94031300000000,0.00021175700000
C4B2H2S2P3L2M1J1E2A2,ALX,CL5Q,12,4,8,13,340,12,40,MNAVG,0.56320180000000,0.00004421889000
C4B2H2S2P3L2M1J1E2A3,ALX,CL5Q,12,4,8,13,340,12,40,MNHVY,0.97356690000000,0.00043307830000
C4B2H2S2P3L2M1J2E1A1,ALX,CL5Q,12,4,8,13,340,15,10,MEPDG,2.50095100000000,0.00099294920000
C4B2H2S2P3L2M1J2E1A2,ALX,CL5Q,12,4,8,13,340,15,10,MNAVG,1.85110300000000,0.00023451700000
C4B2H2S2P3L2M1J2E1A3,ALX,CL5Q,12,4,8,13,340,15,10,MNHVY,3.45260800000000,0.00204855600000
C4B2H2S2P3L2M1J2E2A1,ALX,CL5Q,12,4,8,13,340,15,40,MEPDG,2.50095100000000,0.00099294920000
C4B2H2S2P3L2M1J2E2A2,ALX,CL5Q,12,4,8,13,340,15,40,MNAVG,1.85110300000000,0.00023451700000
C4B2H2S2P3L2M1J2E2A3,ALX,CL5Q,12,4,8,13,340,15,40,MNHVY,3.45260800000000,0.00204855600000
C4B2H2S2P3L2M2J1E1A1,ALX,CL5Q,12,4,8,13,590,12,10,MEPDG,0.02664384000000,0.00000850178000
C4B2H2S2P3L2M2J1E1A2,ALX,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01038360000000,0.00000138222200
C4B2H2S2P3L2M2J1E1A3,ALX,CL5Q,12,4,8,13,590,12,10,MNHVY,0.01570475000000,0.00001555638000
C4B2H2S2P3L2M2J1E2A1,ALX,CL5Q,12,4,8,13,590,12,40,MEPDG,0.02664384000000,0.00000850178000
C4B2H2S2P3L2M2J1E2A2,ALX,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01038360000000,0.00000138222200
C4B2H2S2P3L2M2J1E2A3,ALX,CL5Q,12,4,8,13,590,12,40,MNHVY,0.01570475000000,0.00001555638000
C4B2H2S2P3L2M2J2E1A1,ALX,CL5Q,12,4,8,13,590,15,10,MEPDG,0.14227120000000,0.00013563140000
C4B2H2S2P3L2M2J2E1A2,ALX,CL5Q,12,4,8,13,590,15,10,MNAVG,0.07855801000000,0.00002731896000
C4B2H2S2P3L2M2J2E1A3,ALX,CL5Q,12,4,8,13,590,15,10,MNHVY,0.15431590000000,0.00027543380000
C4B2H2S2P3L2M2J2E2A1,ALX,CL5Q,12,4,8,13,590,15,40,MEPDG,0.14227120000000,0.00013563140000
C4B2H2S2P3L2M2J2E2A2,ALX,CL5Q,12,4,8,13,590,15,40,MNAVG,0.07855801000000,0.00002731896000
C4B2H2S2P3L2M2J2E2A3,ALX,CL5Q,12,4,8,13,590,15,40,MNHVY,0.15431590000000,0.00027543380000
C4B2H2S2P3L2M3J1E1A1,ALX,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00126444200000,0.00000761340200
C4B2H2S2P3L2M3J1E1A2,ALX,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00037965650000,0.00000081433030
C4B2H2S2P3L2M3J1E1A3,ALX,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00048088220000,0.00001047350000
C4B2H2S2P3L2M3J1E2A1,ALX,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00126444200000,0.00000761340200
C4B2H2S2P3L2M3J1E2A2,ALX,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00037965650000,0.00000081433030
C4B2H2S2P3L2M3J1E2A3,ALX,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00048088220000,0.00001047350000
C4B2H2S2P3L2M3J2E1A1,ALX,CL5Q,12,4,8,13,840,15,10,MEPDG,0.01129922000000,0.00001743672000
C4B2H2S2P3L2M3J2E1A2,ALX,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00450595000000,0.00000273485900
C4B2H2S2P3L2M3J2E1A3,ALX,CL5Q,12,4,8,13,840,15,10,MNHVY,0.00913973700000,0.00003179504000
C4B2H2S2P3L2M3J2E2A1,ALX,CL5Q,12,4,8,13,840,15,40,MEPDG,0.01129922000000,0.00001743672000
C4B2H2S2P3L2M3J2E2A2,ALX,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00450595000000,0.00000273485900
```

```
C4B2H2S2P3L2M3J2E2A3,ALX,CL5Q,12,4,8,13,840,15,40,MNHVY,0.00913973700000,0.00003179504000
C4B2H2S2P4L1M1J1E1A1,ALX,CL5Q,12,4,9,12,340,12,10,MEPDG,2.47674400000000,0.00167236500000
C4B2H2S2P4L1M1J1E1A2,ALX,CL5Q,12,4,9,12,340,12,10,MNAVG,1.21808100000000,0.00034276930000
C4B2H2S2P4L1M1J1E1A3,ALX,CL5Q,12,4,9,12,340,12,10,MNHVY,2.14340600000000,0.00348318300000
C4B2H2S2P4L1M1J1E2A1,ALX,CL5Q,12,4,9,12,340,12,40,MEPDG,1.16228000000000,0.00094706370000
C4B2H2S2P4L1M1J1E2A2,ALX,CL5Q,12,4,9,12,340,12,40,MNAVG,0.57939820000000,0.00019048410000
C4B2H2S2P4L1M1J1E2A3,ALX,CL5Q,12,4,9,12,340,12,40,MNHVY,0.95926310000000,0.00194194400000
C4B2H2S2P4L1M1J2E1A1,ALX,CL5Q,12,4,9,12,340,15,10,MEPDG,7.17307500000000,0.00633342500000
C4B2H2S2P4L1M1J2E1A2,ALX,CL5Q,12,4,9,12,340,15,10,MNAVG,4.52749400000000,0.00146287400000
C4B2H2S2P4L1M1J2E1A3,ALX,CL5Q,12,4,9,12,340,15,10,MNHVY,9.02674000000000,0.01330030000000
C4B2H2S2P4L1M1J2E2A1,ALX,CL5Q,12,4,9,12,340,15,40,MEPDG,3.80985200000000,0.00422244500000
C4B2H2S2P4L1M1J2E2A2,ALX,CL5Q,12,4,9,12,340,15,40,MNAVG,2.49010800000000,0.00097036420000
C4B2H2S2P4L1M1J2E2A3,ALX,CL5Q,12,4,9,12,340,15,40,MNHVY,4.75732100000000,0.00879273400000
C4B2H2S2P4L1M2J1E1A1,ALX,CL5Q,12,4,9,12,590,12,10,MEPDG,0.05660114000000,0.00004643118000
C4B2H2S2P4L1M2J1E1A2,ALX,CL5Q,12,4,9,12,590,12,10,MNAVG,0.01625084000000,0.00000768634500
C4B2H2S2P4L1M2J1E1A3,ALX,CL5Q,12,4,9,12,590,12,10,MNHVY,0.02407185000000,0.00008842134000
C4B2H2S2P4L1M2J1E2A1,ALX,CL5Q,12,4,9,12,590,12,40,MEPDG,0.01999538000000,0.00001599479000
C4B2H2S2P4L1M2J1E2A2,ALX,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00617329700000,0.00000248612700
C4B2H2S2P4L1M2J1E2A3,ALX,CL5Q,12,4,9,12,590,12,40,MNHVY,0.00812852800000,0.00002900283000
C4B2H2S2P4L1M2J2E1A1,ALX,CL5Q,12,4,9,12,590,15,10,MEPDG,0.32654930000000,0.00057997690000
C4B2H2S2P4L1M2J2E1A2,ALX,CL5Q,12,4,9,12,590,15,10,MNAVG,0.13075070000000,0.00011672990000
C4B2H2S2P4L1M2J2E1A3,ALX,CL5Q,12,4,9,12,590,15,10,MNHVY,0.28436240000000,0.00120337500000
C4B2H2S2P4L1M2J2E2A1,ALX,CL5Q,12,4,9,12,590,15,40,MEPDG,0.13657830000000,0.00026585320000
C4B2H2S2P4L1M2J2E2A2,ALX,CL5Q,12,4,9,12,590,15,40,MNAVG,0.05879038000000,0.00005171441000
C4B2H2S2P4L1M2J2E2A3,ALX,CL5Q,12,4,9,12,590,15,40,MNHVY,0.11565750000000,0.00054092170000
C4B2H2S2P4L1M3J1E1A1,ALX,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00227674500000,0.00002034108000
C4B2H2S2P4L1M3J1E1A2,ALX,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00052630260000,0.00000243419600
C4B2H2S2P4L1M3J1E1A3,ALX,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00059951150000,0.00003111242000
C4B2H2S2P4L1M3J1E2A1,ALX,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00063611680000,0.00001665642000
C4B2H2S2P4L1M3J1E2A2,ALX,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00017055720000,0.00000173763400
C4B2H2S2P4L1M3J1E2A3,ALX,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00017236300000,0.00002270459000
C4B2H2S2P4L1M3J2E1A1,ALX,CL5Q,12,4,9,12,840,15,10,MEPDG,0.02109029000000,0.00006255248000
C4B2H2S2P4L1M3J2E1A2,ALX,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00559539000000,0.00001023059000
C4B2H2S2P4L1M3J2E1A3,ALX,CL5Q,12,4,9,12,840,15,10,MNHVY,0.01207499000000,0.00011923090000
C4B2H2S2P4L1M3J2E2A1,ALX,CL5Q,12,4,9,12,840,15,40,MEPDG,0.00711140900000,0.00034060210000
C4B2H2S2P4L1M3J2E2A2,ALX,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00210696300000,0.00005273662000
C4B2H2S2P4L1M3J2E2A3,ALX,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00390945500000,0.00061901360000
C4B2H2S2P4L2M1J1E1A1,ALX,CL5Q,12,4,9,13,340,12,10,MEPDG,0.27064120000000,0.00048883080000
C4B2H2S2P4L2M1J1E1A2,ALX,CL5Q,12,4,9,13,340,12,10,MNAVG,0.13233630000000,0.00009943161000
C4B2H2S2P4L2M1J1E1A3,ALX,CL5Q,12,4,9,13,340,12,10,MNHVY,0.21737080000000,0.00100466300000
C4B2H2S2P4L2M1J1E2A1,ALX,CL5Q,12,4,9,13,340,12,40,MEPDG,0.27064120000000,0.00048883080000
C4B2H2S2P4L2M1J1E2A2,ALX,CL5Q,12,4,9,13,340,12,40,MNAVG,0.13233630000000,0.00009943161000
C4B2H2S2P4L2M1J1E2A3,ALX,CL5Q,12,4,9,13,340,12,40,MNHVY,0.21737080000000,0.00100466300000
C4B2H2S2P4L2M1J2E1A1,ALX,CL5Q,12,4,9,13,340,15,10,MEPDG,0.99911900000000,0.00257801500000
C4B2H2S2P4L2M1J2E1A2,ALX,CL5Q,12,4,9,13,340,15,10,MNAVG,0.65675980000000,0.00060123670000
C4B2H2S2P4L2M1J2E1A3,ALX,CL5Q,12,4,9,13,340,15,10,MNHVY,1.24853800000000,0.00535412800000
C4B2H2S2P4L2M1J2E2A1,ALX,CL5Q,12,4,9,13,340,15,40,MEPDG,0.99911900000000,0.00257801500000
C4B2H2S2P4L2M1J2E2A2,ALX,CL5Q,12,4,9,13,340,15,40,MNAVG,0.65675980000000,0.00060123670000
C4B2H2S2P4L2M1J2E2A3,ALX,CL5Q,12,4,9,13,340,15,40,MNHVY,1.24853800000000,0.00535412800000
C4B2H2S2P4L2M2J1E1A1,ALX,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00407048500000,0.00001156565000
```

```
C4B2H2S2P4L2M2J1E1A2,ALX,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00126323900000,0.00000181776700
C4B2H2S2P4L2M2J1E1A3,ALX,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00161761800000,0.00002099910000
C4B2H2S2P4L2M2J1E2A1,ALX,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00407048500000,0.00001156565000
C4B2H2S2P4L2M2J1E2A2,ALX,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00126323900000,0.00000181776700
C4B2H2S2P4L2M2J1E2A3,ALX,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00161761800000,0.00002099910000
C4B2H2S2P4L2M2J2E1A1,ALX,CL5Q,12,4,9,13,590,15,10,MEPDG,0.03171122000000,0.00416351300000
C4B2H2S2P4L2M2J2E1A2,ALX,CL5Q,12,4,9,13,590,15,10,MNAVG,0.01373505000000,0.00079671210000
C4B2H2S2P4L2M2J2E1A3,ALX,CL5Q,12,4,9,13,590,15,10,MNHVY,0.02662271000000,0.00827800900000
C4B2H2S2P4L2M2J2E2A1,ALX,CL5Q,12,4,9,13,590,15,40,MEPDG,0.03171122000000,0.00416351300000
C4B2H2S2P4L2M2J2E2A2,ALX,CL5Q,12,4,9,13,590,15,40,MNAVG,0.01373505000000,0.00079671210000
C4B2H2S2P4L2M2J2E2A3,ALX,CL5Q,12,4,9,13,590,15,40,MNHVY,0.02662271000000,0.00827800900000
C4B2H2S2P4L2M3J1E1A1,ALX,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00011756240000,0.00000768748100
C4B2H2S2P4L2M3J1E1A2,ALX,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00003243942000,0.00000078662400
C4B2H2S2P4L2M3J1E1A3,ALX,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00003203321000,0.00001027398000
C4B2H2S2P4L2M3J1E2A1,ALX,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00011756240000,0.00000768748100
C4B2H2S2P4L2M3J1E2A2,ALX,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00003243942000,0.00000078662400
C4B2H2S2P4L2M3J1E2A3,ALX,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00003203321000,0.00001027398000
C4B2H2S2P4L2M3J2E1A1,ALX,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00148966900000,0.00002604576000
C4B2H2S2P4L2M3J2E1A2,ALX,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00044781300000,0.00000399327500
C4B2H2S2P4L2M3J2E1A3,ALX,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00081172240000,0.00004716242000
C4B2H2S2P4L2M3J2E2A1,ALX,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00148966900000,0.00002604576000
C4B2H2S2P4L2M3J2E2A2,ALX,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00044781300000,0.00000399327500
C4B2H2S2P4L2M3J2E2A3,ALX,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00081172240000,0.00004716242000
C4B2H2S2P5L1M1J1E1A1,ALX,CL5Q,12,4,10,12,340,12,10,MEPDG,0.74711950000000,0.00187276300000
C4B2H2S2P5L1M1J1E1A2,ALX,CL5Q,12,4,10,12,340,12,10,MNAVG,0.28521320000000,0.00036324280000
C4B2H2S2P5L1M1J1E1A3,ALX,CL5Q,12,4,10,12,340,12,10,MNHVY,0.48358150000000,0.00389751800000
C4B2H2S2P5L1M1J1E2A1,ALX,CL5Q,12,4,10,12,340,12,40,MEPDG,0.31477020000000,0.00110090300000
C4B2H2S2P5L1M1J1E2A2,ALX,CL5Q,12,4,10,12,340,12,40,MNAVG,0.12445030000000,0.00021150000000
C4B2H2S2P5L1M1J1E2A3,ALX,CL5Q,12,4,10,12,340,12,40,MNHVY,0.19222080000000,0.00225678300000
C4B2H2S2P5L1M1J2E1A1,ALX,CL5Q,12,4,10,12,340,15,10,MEPDG,2.83829900000000,0.00802596900000
C4B2H2S2P5L1M1J2E1A2,ALX,CL5Q,12,4,10,12,340,15,10,MNAVG,1.50526000000000,0.00179941000000
C4B2H2S2P5L1M1J2E1A3,ALX,CL5Q,12,4,10,12,340,15,10,MNHVY,3.12717000000000,0.01694966000000
C4B2H2S2P5L1M1J2E2A1,ALX,CL5Q,12,4,10,12,340,15,40,MEPDG,1.38496500000000,0.00542388500000
C4B2H2S2P5L1M1J2E2A2,ALX,CL5Q,12,4,10,12,340,15,40,MNAVG,0.77516470000000,0.00121495600000
C4B2H2S2P5L1M1J2E2A3,ALX,CL5Q,12,4,10,12,340,15,40,MNHVY,1.50554100000000,0.01135703000000
C4B2H2S2P5L1M2J1E1A1,ALX,CL5Q,12,4,10,12,590,12,10,MEPDG,0.00986053700000,0.00002698112000
C4B2H2S2P5L1M2J1E1A2,ALX,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00230635800000,0.00000399097000
C4B2H2S2P5L1M2J1E1A3,ALX,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00289324400000,0.00004931724000
C4B2H2S2P5L1M2J1E2A1,ALX,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00299936900000,0.00001474467000
C4B2H2S2P5L1M2J1E2A2,ALX,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00080094460000,0.00000210877500
C4B2H2S2P5L1M2J1E2A3,ALX,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00088124770000,0.00002590671000
C4B2H2S2P5L1M2J2E1A1,ALX,CL5Q,12,4,10,12,590,15,10,MEPDG,0.07303177000000,0.01567588000000
C4B2H2S2P5L1M2J2E1A2,ALX,CL5Q,12,4,10,12,590,15,10,MNAVG,0.02179600000000,0.00268283700000
C4B2H2S2P5L1M2J2E1A3,ALX,CL5Q,12,4,10,12,590,15,10,MNHVY,0.04625090000000,0.03043113000000
C4B2H2S2P5L1M2J2E2A1,ALX,CL5Q,12,4,10,12,590,15,40,MEPDG,0.02691314000000,0.00017536780000
C4B2H2S2P5L1M2J2E2A2,ALX,CL5Q,12,4,10,12,590,15,40,MNAVG,0.00888919400000,0.00003257753000
C4B2H2S2P5L1M2J2E2A3,ALX,CL5Q,12,4,10,12,590,15,40,MNHVY,0.01651629000000,0.00035384510000
C4B2H2S2P5L1M3J1E1A1,ALX,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00029156690000,0.00001188925000
C4B2H2S2P5L1M3J1E1A2,ALX,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00006077629000,0.00000128107400
C4B2H2S2P5L1M3J1E1A3,ALX,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00005778762000,0.00001742418000
```

```
C4B2H2S2P5L1M3J1E2A1,ALX,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00006724559000,0.00001968890000
C4B2H2S2P5L1M3J1E2A2,ALX,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00001732703000,0.00000191070100
C4B2H2S2P5L1M3J1E2A3,ALX,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00001432984000,0.00002575356000
C4B2H2S2P5L1M3J2E1A1,ALX,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00297359000000,0.00003647301000
C4B2H2S2P5L1M3J2E1A2,ALX,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00059859860000,0.00000557139000
C4B2H2S2P5L1M3J2E1A3,ALX,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00108821300000,0.00006773677000
C4B2H2S2P5L1M3J2E2A1,ALX,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00086158930000,0.00002838728000
C4B2H2S2P5L1M3J2E2A2,ALX,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00020319740000,0.00000416605200
C4B2H2S2P5L1M3J2E2A3,ALX,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00031057500000,0.00005078496000
C4B2H2S2P5L2M1J1E1A1,ALX,CL5Q,12,4,10,13,340,12,10,MEPDG,0.06970359000000,0.00038569750000
C4B2H2S2P5L2M1J1E1A2,ALX,CL5Q,12,4,10,13,340,12,10,MNAVG,0.02722779000000,0.00007417196000
C4B2H2S2P5L2M1J1E1A3,ALX,CL5Q,12,4,10,13,340,12,10,MNHVY,0.04122381000000,0.00079030430000
C4B2H2S2P5L2M1J1E2A1,ALX,CL5Q,12,4,10,13,340,12,40,MEPDG,0.06970359000000,0.00038569750000
C4B2H2S2P5L2M1J1E2A2,ALX,CL5Q,12,4,10,13,340,12,40,MNAVG,0.02722779000000,0.00007417196000
C4B2H2S2P5L2M1J1E2A3,ALX,CL5Q,12,4,10,13,340,12,40,MNHVY,0.04122381000000,0.00079030430000
C4B2H2S2P5L2M1J2E1A1,ALX,CL5Q,12,4,10,13,340,15,10,MEPDG,0.34921400000000,0.00339687100000
C4B2H2S2P5L2M1J2E1A2,ALX,CL5Q,12,4,10,13,340,15,10,MNAVG,0.19703940000000,0.00076985340000
C4B2H2S2P5L2M1J2E1A3,ALX,CL5Q,12,4,10,13,340,15,10,MNHVY,0.37859320000000,0.00709944300000
C4B2H2S2P5L2M1J2E2A1,ALX,CL5Q,12,4,10,13,340,15,40,MEPDG,0.34921400000000,0.00339687100000
C4B2H2S2P5L2M1J2E2A2,ALX,CL5Q,12,4,10,13,340,15,40,MNAVG,0.19703940000000,0.00076985340000
C4B2H2S2P5L2M1J2E2A3,ALX,CL5Q,12,4,10,13,340,15,40,MNHVY,0.37859320000000,0.00709944300000
C4B2H2S2P5L2M2J1E1A1,ALX,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00057151170000,0.00033597040000
C4B2H2S2P5L2M2J1E1A2,ALX,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00015690860000,0.00004294763000
C4B2H2S2P5L2M2J1E1A3,ALX,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00016662520000,0.00053741410000
C4B2H2S2P5L2M2J1E2A1,ALX,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00057151170000,0.00033597040000
C4B2H2S2P5L2M2J1E2A2,ALX,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00015690860000,0.00004294763000
C4B2H2S2P5L2M2J1E2A3,ALX,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00016662520000,0.00053741410000
C4B2H2S2P5L2M2J2E1A1,ALX,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00585418800000,0.00460044500000
C4B2H2S2P5L2M2J2E1A2,ALX,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00196002500000,0.00078053570000
C4B2H2S2P5L2M2J2E1A3,ALX,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00354193500000,0.00871335500000
C4B2H2S2P5L2M2J2E2A1,ALX,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00585418800000,0.00460044500000
C4B2H2S2P5L2M2J2E2A2,ALX,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00196002500000,0.00078053570000
C4B2H2S2P5L2M2J2E2A3,ALX,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00354193500000,0.00871335500000
C4B2H2S2P5L2M3J1E1A1,ALX,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00001189509000,0.00000402662500
C4B2H2S2P5L2M3J1E1A2,ALX,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000317171600,0.00000039745750
C4B2H2S2P5L2M3J1E1A3,ALX,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000260239800,0.00000536451300
C4B2H2S2P5L2M3J1E2A1,ALX,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00001189509000,0.00000402662500
C4B2H2S2P5L2M3J1E2A2,ALX,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000317171600,0.00000039745750
C4B2H2S2P5L2M3J1E2A3,ALX,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000260239800,0.00000536451300
C4B2H2S2P5L2M3J2E1A1,ALX,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00016649530000,0.00001593557000
C4B2H2S2P5L2M3J2E1A2,ALX,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00004053600000,0.00000235900200
C4B2H2S2P5L2M3J2E1A3,ALX,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00005939420000,0.00002852422000
C4B2H2S2P5L2M3J2E2A1,ALX,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00016649530000,0.00001593557000
C4B2H2S2P5L2M3J2E2A2,ALX,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00004053600000,0.00000235900200
C4B2H2S2P5L2M3J2E2A3,ALX,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00005939420000,0.00002852422000
C4B2H2S2P6L1M1J1E1A1,ALX,CL5Q,12,4,11,12,340,12,10,MEPDG,0.20247180000000,0.00125027600000
C4B2H2S2P6L1M1J1E1A2,ALX,CL5Q,12,4,11,12,340,12,10,MNAVG,0.05989293000000,0.00022385080000
C4B2H2S2P6L1M1J1E1A3,ALX,CL5Q,12,4,11,12,340,12,10,MNHVY,0.09370536000000,0.00256092400000
C4B2H2S2P6L1M1J1E2A1,ALX,CL5Q,12,4,11,12,340,12,40,MEPDG,0.07616731000000,0.00784813700000
C4B2H2S2P6L1M1J1E2A2,ALX,CL5Q,12,4,11,12,340,12,40,MNAVG,0.02405556000000,0.00121890100000
```

```
C4B2H2S2P6L1M1J1E2A3,ALX,CL5Q,12,4,11,12,340,12,40,MNHVY,0.03336269000000,0.01457812000000
C4B2H2S2P6L1M1J2E1A1,ALX,CL5Q,12,4,11,12,340,15,10,MEPDG,0.95906010000000,0.16902100000000
C4B2H2S2P6L1M1J2E1A2,ALX,CL5Q,12,4,11,12,340,15,10,MNAVG,0.40980860000000,0.03065872000000
C4B2H2S2P6L1M1J2E1A3,ALX,CL5Q,12,4,11,12,340,15,10,MNHVY,0.86585250000000,0.33814310000000
C4B2H2S2P6L1M1J2E2A1,ALX,CL5Q,12,4,11,12,340,15,40,MEPDG,0.42587830000000,0.07261367000000
C4B2H2S2P6L1M1J2E2A2,ALX,CL5Q,12,4,11,12,340,15,40,MNAVG,0.19553350000000,0.01353276000000
C4B2H2S2P6L1M1J2E2A3,ALX,CL5Q,12,4,11,12,340,15,40,MNHVY,0.37668930000000,0.14572670000000
C4B2H2S2P6L1M2J1E1A1,ALX,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00171120600000,0.00001907449000
C4B2H2S2P6L1M2J1E1A2,ALX,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00035583570000,0.00000250118100
C4B2H2S2P6L1M2J1E1A3,ALX,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00037610520000,0.00003314062000
C4B2H2S2P6L1M2J1E2A1,ALX,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00045281270000,0.00001362649000
C4B2H2S2P6L1M2J1E2A2,ALX,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00011349430000,0.00000175687100
C4B2H2S2P6L1M2J1E2A3,ALX,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00010540070000,0.00002301523000
C4B2H2S2P6L1M2J2E1A1,ALX,CL5Q,12,4,11,12,590,15,10,MEPDG,0.01351988000000,0.00908886100000
C4B2H2S2P6L1M2J2E1A2,ALX,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00306877000000,0.00138136600000
C4B2H2S2P6L1M2J2E1A3,ALX,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00571527100000,0.01676047000000
C4B2H2S2P6L1M2J2E2A1,ALX,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00436140800000,0.00010859060000
C4B2H2S2P6L1M2J2E2A2,ALX,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00113316900000,0.00001875009000
C4B2H2S2P6L1M2J2E2A3,ALX,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00179919300000,0.00021505780000
C4B2H2S2P6L1M3J1E1A1,ALX,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00004066315000,0.00000769355000
C4B2H2S2P6L1M3J1E1A2,ALX,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000726874500,0.00000073698910
C4B2H2S2P6L1M3J1E1A3,ALX,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000637307100,0.00001057302000
C4B2H2S2P6L1M3J1E2A1,ALX,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000937234200,0.00001270171000
C4B2H2S2P6L1M3J1E2A2,ALX,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000204085400,0.00000111362900
C4B2H2S2P6L1M3J1E2A3,ALX,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000168628700,0.00001578617000
C4B2H2S2P6L1M3J2E1A1,ALX,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00033564570000,0.00003580394000
C4B2H2S2P6L1M3J2E1A2,ALX,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00005632827000,0.00000489445000
C4B2H2S2P6L1M3J2E1A3,ALX,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00007735248000,0.00006347909000
C4B2H2S2P6L1M3J2E2A1,ALX,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00008411551000,0.00002621951000
C4B2H2S2P6L1M3J2E2A2,ALX,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00001746720000,0.00000353918500
C4B2H2S2P6L1M3J2E2A3,ALX,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00002036568000,0.00004527517000
C4B2H2S2P6L2M1J1E1A1,ALX,CL5Q,12,4,11,13,340,12,10,MEPDG,0.01599323000000,0.00381791300000
C4B2H2S2P6L2M1J1E1A2,ALX,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00506011600000,0.00060287900000
C4B2H2S2P6L2M1J1E1A3,ALX,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00679754500000,0.00714431400000
C4B2H2S2P6L2M1J1E2A1,ALX,CL5Q,12,4,11,13,340,12,40,MEPDG,0.01599323000000,0.00381791300000
C4B2H2S2P6L2M1J1E2A2,ALX,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00506011600000,0.00060287900000
C4B2H2S2P6L2M1J1E2A3,ALX,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00679754500000,0.00714431400000
C4B2H2S2P6L2M1J2E1A1,ALX,CL5Q,12,4,11,13,340,15,10,MEPDG,0.10193060000000,0.03976768000000
C4B2H2S2P6L2M1J2E1A2,ALX,CL5Q,12,4,11,13,340,15,10,MNAVG,0.04725489000000,0.00760552900000
C4B2H2S2P6L2M1J2E1A3,ALX,CL5Q,12,4,11,13,340,15,10,MNHVY,0.08939678000000,0.08026299000000
C4B2H2S2P6L2M1J2E2A1,ALX,CL5Q,12,4,11,13,340,15,40,MEPDG,0.10193060000000,0.03976768000000
C4B2H2S2P6L2M1J2E2A2,ALX,CL5Q,12,4,11,13,340,15,40,MNAVG,0.04725489000000,0.00760552900000
C4B2H2S2P6L2M1J2E2A3,ALX,CL5Q,12,4,11,13,340,15,40,MNHVY,0.08939678000000,0.08026299000000
C4B2H2S2P6L2M2J1E1A1,ALX,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00008106997000,0.00019015540000
C4B2H2S2P6L2M2J1E1A2,ALX,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00002126327000,0.00002160156000
C4B2H2S2P6L2M2J1E1A3,ALX,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00001900739000,0.00028578710000
C4B2H2S2P6L2M2J1E2A1,ALX,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00008106997000,0.00019015540000
C4B2H2S2P6L2M2J1E2A2,ALX,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00002126327000,0.00002160156000
C4B2H2S2P6L2M2J1E2A3,ALX,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00001900739000,0.00028578710000
C4B2H2S2P6L2M2J2E1A1,ALX,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00088320080000,0.00004143336000
```

```
C4B2H2S2P6L2M2J2E1A2,ALX,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00023555600000,0.00000720007900
C4B2H2S2P6L2M2J2E1A3,ALX,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00035908260000,0.00008205891000
C4B2H2S2P6L2M2J2E2A1,ALX,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00088320080000,0.00004143336000
C4B2H2S2P6L2M2J2E2A2,ALX,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00023555600000,0.00000720007900
C4B2H2S2P6L2M2J2E2A3,ALX,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00035908260000,0.00008205891000
C4B2H2S2P6L2M3J1E1A1,ALX,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000157511500,0.00000282056900
C4B2H2S2P6L2M3J1E1A2,ALX,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000035844250,0.00000025541950
C4B2H2S2P6L2M3J1E1A3,ALX,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000028782350,0.00000362497600
C4B2H2S2P6L2M3J1E2A1,ALX,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000157511500,0.00000282056900
C4B2H2S2P6L2M3J1E2A2,ALX,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000035844250,0.00000025541950
C4B2H2S2P6L2M3J1E2A3,ALX,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000028782350,0.00000362497600
C4B2H2S2P6L2M3J2E1A1,ALX,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00001515713000,0.00001516995000
C4B2H2S2P6L2M3J2E1A2,ALX,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000331043200,0.00000207511000
C4B2H2S2P6L2M3J2E1A3,ALX,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000370231300,0.00002635613000
C4B2H2S2P6L2M3J2E2A1,ALX,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00001515713000,0.00001516995000
C4B2H2S2P6L2M3J2E2A2,ALX,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000331043200,0.00000207511000
C4B2H2S2P6L2M3J2E2A3,ALX,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000370231300,0.00002635613000
C4B2H2S2P7L1M1J1E1A1,ALX,CL5Q,12,4,12,12,340,12,10,MEPDG,0.05281781000000,0.00308565700000
C4B2H2S2P7L1M1J1E1A2,ALX,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01256777000000,0.00046173760000
C4B2H2S2P7L1M1J1E1A3,ALX,CL5Q,12,4,12,12,340,12,10,MNHVY,0.01762065000000,0.00575457700000
C4B2H2S2P7L1M1J1E2A1,ALX,CL5Q,12,4,12,12,340,12,40,MEPDG,0.01772285000000,0.00036827290000
C4B2H2S2P7L1M1J1E2A2,ALX,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00471293300000,0.00006104012000
C4B2H2S2P7L1M1J1E2A3,ALX,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00574515100000,0.00072396100000
C4B2H2S2P7L1M1J2E1A1,ALX,CL5Q,12,4,12,12,340,15,10,MEPDG,0.28444380000000,0.14344380000000
C4B2H2S2P7L1M1J2E1A2,ALX,CL5Q,12,4,12,12,340,15,10,MNAVG,0.09427578000000,0.02332832000000
C4B2H2S2P7L1M1J2E1A3,ALX,CL5Q,12,4,12,12,340,15,10,MNHVY,0.19522580000000,0.27287510000000
C4B2H2S2P7L1M1J2E2A1,ALX,CL5Q,12,4,12,12,340,15,40,MEPDG,0.11345320000000,0.09201390000000
C4B2H2S2P7L1M1J2E2A2,ALX,CL5Q,12,4,12,12,340,15,40,MNAVG,0.04112045000000,0.01507607000000
C4B2H2S2P7L1M1J2E2A3,ALX,CL5Q,12,4,12,12,340,15,40,MNHVY,0.07544327000000,0.17325650000000
C4B2H2S2P7L1M2J1E1A1,ALX,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00031868400000,0.00039365930000
C4B2H2S2P7L1M2J1E1A2,ALX,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00005917669000,0.00003914937000
C4B2H2S2P7L1M2J1E1A3,ALX,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00005623126000,0.00054563610000
C4B2H2S2P7L1M2J1E2A1,ALX,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00007504842000,0.00019567910000
C4B2H2S2P7L1M2J1E2A2,ALX,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00001756598000,0.00002054519000
C4B2H2S2P7L1M2J1E2A3,ALX,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00001468552000,0.00028142900000
C4B2H2S2P7L1M2J2E1A1,ALX,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00217096300000,0.00470351200000
C4B2H2S2P7L1M2J2E1A2,ALX,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00039637030000,0.00064961180000
C4B2H2S2P7L1M2J2E1A3,ALX,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00059292640000,0.00821790500000
C4B2H2S2P7L1M2J2E2A1,ALX,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00061220750000,0.00241671500000
C4B2H2S2P7L1M2J2E2A2,ALX,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00013449910000,0.00034518370000
C4B2H2S2P7L1M2J2E2A3,ALX,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00017035340000,0.00428932000000
C4B2H2S2P7L1M3J1E1A1,ALX,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000568615100,0.00000728245000
C4B2H2S2P7L1M3J1E1A2,ALX,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000089793760,0.00000057488170
C4B2H2S2P7L1M3J1E1A3,ALX,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000064952010,0.00000856227200
C4B2H2S2P7L1M3J1E2A1,ALX,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000153812600,0.00000570146400
C4B2H2S2P7L1M3J1E2A2,ALX,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000027895570,0.00000042567500
C4B2H2S2P7L1M3J1E2A3,ALX,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000020813620,0.00000631704500
C4B2H2S2P7L1M3J2E1A1,ALX,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00003845200000,0.00005271774000
C4B2H2S2P7L1M3J2E1A2,ALX,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000567387900,0.00000616078800
C4B2H2S2P7L1M3J2E1A3,ALX,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000608888700,0.00008524587000
```

```
C4B2H2S2P7L1M3J2E2A1,ALX,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00000857526400,0.00010524630000
C4B2H2S2P7L1M3J2E2A2,ALX,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000164119400,0.00001199843000
C4B2H2S2P7L1M3J2E2A3,ALX,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000153307700,0.00016330260000
C4B2H2S2P7L2M1J1E1A1,ALX,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00352883200000,0.00008376529000
C4B2H2S2P7L2M1J1E1A2,ALX,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00095762460000,0.00001377876000
C4B2H2S2P7L2M1J1E1A3,ALX,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00111869400000,0.00016347050000
C4B2H2S2P7L2M1J1E2A1,ALX,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00352883200000,0.00008376529000
C4B2H2S2P7L2M1J1E2A2,ALX,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00095762460000,0.00001377876000
C4B2H2S2P7L2M1J1E2A3,ALX,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00111869400000,0.00016347050000
C4B2H2S2P7L2M1J2E1A1,ALX,CL5Q,12,4,12,13,340,15,10,MEPDG,0.02557440000000,0.04100622000000
C4B2H2S2P7L2M1J2E1A2,ALX,CL5Q,12,4,12,13,340,15,10,MNAVG,0.00939354700000,0.00703184900000
C4B2H2S2P7L2M1J2E1A3,ALX,CL5Q,12,4,12,13,340,15,10,MNHVY,0.01674663000000,0.07934956000000
C4B2H2S2P7L2M1J2E2A1,ALX,CL5Q,12,4,12,13,340,15,40,MEPDG,0.02557440000000,0.04100622000000
C4B2H2S2P7L2M1J2E2A2,ALX,CL5Q,12,4,12,13,340,15,40,MNAVG,0.00939354700000,0.00703184900000
C4B2H2S2P7L2M1J2E2A3,ALX,CL5Q,12,4,12,13,340,15,40,MNHVY,0.01674663000000,0.07934956000000
C4B2H2S2P7L2M2J1E1A1,ALX,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00001297209000,0.00000496722000
C4B2H2S2P7L2M2J1E1A2,ALX,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000320709900,0.00000061156260
C4B2H2S2P7L2M2J1E1A3,ALX,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000260286300,0.00000819314800
C4B2H2S2P7L2M2J1E2A1,ALX,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00001297209000,0.00000496722000
C4B2H2S2P7L2M2J1E2A2,ALX,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000320709900,0.00000061156260
C4B2H2S2P7L2M2J1E2A3,ALX,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000260286300,0.00000819314800
C4B2H2S2P7L2M2J2E1A1,ALX,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00011599400000,0.00086211810000
C4B2H2S2P7L2M2J2E1A2,ALX,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00002667792000,0.00013337140000
C4B2H2S2P7L2M2J2E1A3,ALX,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00003236973000,0.00160646200000
C4B2H2S2P7L2M2J2E2A1,ALX,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00011599400000,0.00086211810000
C4B2H2S2P7L2M2J2E2A2,ALX,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00002667792000,0.00013337140000
C4B2H2S2P7L2M2J2E2A3,ALX,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00003236973000,0.00160646200000
C4B2H2S2P7L2M3J1E1A1,ALX,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000024350370,0.00000269736700
C4B2H2S2P7L2M3J1E1A2,ALX,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000004739262,0.00000020148490
C4B2H2S2P7L2M3J1E1A3,ALX,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000003376637,0.00000298362300
C4B2H2S2P7L2M3J1E2A1,ALX,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000024350370,0.00000269736700
C4B2H2S2P7L2M3J1E2A2,ALX,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000004739262,0.00000020148490
C4B2H2S2P7L2M3J1E2A3,ALX,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000003376637,0.00000298362300
C4B2H2S2P7L2M3J2E1A1,ALX,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000145768000,0.00002129395000
C4B2H2S2P7L2M3J2E1A2,ALX,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000029786590,0.00000245438000
C4B2H2S2P7L2M3J2E1A3,ALX,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000026835440,0.00003346511000
C4B2H2S2P7L2M3J2E2A1,ALX,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000145768000,0.00002129395000
C4B2H2S2P7L2M3J2E2A2,ALX,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000029786590,0.00000245438000
C4B2H2S2P7L2M3J2E2A3,ALX,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000026835440,0.00003346511000
C4B3H1S1P1L1M1J1E1A1,ALX,OGAB,4,12,6,12,340,12,10,MEPDG,145.45220000000000,1.63255900000000
C4B3H1S1P1L1M1J1E1A2,ALX,OGAB,4,12,6,12,340,12,10,MNAVG,121.10670000000000,0.19488330000000
C4B3H1S1P1L1M1J1E1A3,ALX,OGAB,4,12,6,12,340,12,10,MNHVY,213.21640000000000,2.30793300000000
C4B3H1S1P1L1M1J1E2A1,ALX,OGAB,4,12,6,12,340,12,40,MEPDG,89.81453000000000,0.94125650000000
C4B3H1S1P1L1M1J1E2A2,ALX,OGAB,4,12,6,12,340,12,40,MNAVG,70.55807000000000,0.10733210000000
C4B3H1S1P1L1M1J1E2A3,ALX,OGAB,4,12,6,12,340,12,40,MNHVY,127.40600000000000,1.28771400000000
C4B3H1S1P1L1M1J2E1A1,ALX,OGAB,4,12,6,12,340,15,10,MEPDG,174.03490000000000,1.49518600000000
C4B3H1S1P1L1M1J2E1A2,ALX,OGAB,4,12,6,12,340,15,10,MNAVG,149.06220000000000,0.25653830000000
C4B3H1S1P1L1M1J2E1A3,ALX,OGAB,4,12,6,12,340,15,10,MNHVY,265.97760000000000,2.62179400000000
C4B3H1S1P1L1M1J2E2A1,ALX,OGAB,4,12,6,12,340,15,40,MEPDG,109.90300000000000,0.86147280000000
C4B3H1S1P1L1M1J2E2A2,ALX,OGAB,4,12,6,12,340,15,40,MNAVG,89.48008000000000,0.14798210000000
```

```
C4B3H1S1P1L1M1J2E2A3,ALX,OGAB,4,12,6,12,340,15,40,MNHVY,163.89480000000000,1.51206000000000
C4B3H1S1P1L1M2J1E1A1,ALX,OGAB,4,12,6,12,590,12,10,MEPDG,11.21368000000000,0.18466230000000
C4B3H1S1P1L1M2J1E1A2,ALX,OGAB,4,12,6,12,590,12,10,MNAVG,7.22716000000000,0.02041204000000
C4B3H1S1P1L1M2J1E1A3,ALX,OGAB,4,12,6,12,590,12,10,MNHVY,11.80376000000000,0.23662170000000
C4B3H1S1P1L1M2J1E2A1,ALX,OGAB,4,12,6,12,590,12,40,MEPDG,5.93474900000000,0.09772069000000
C4B3H1S1P1L1M2J1E2A2,ALX,OGAB,4,12,6,12,590,12,40,MNAVG,3.67416400000000,0.00956327300000
C4B3H1S1P1L1M2J1E2A3,ALX,OGAB,4,12,6,12,590,12,40,MNHVY,5.93111800000000,0.11447700000000
C4B3H1S1P1L1M2J2E1A1,ALX,OGAB,4,12,6,12,590,15,10,MEPDG,18.00286000000000,0.36213160000000
C4B3H1S1P1L1M2J2E1A2,ALX,OGAB,4,12,6,12,590,15,10,MNAVG,13.01500000000000,0.06168777000000
C4B3H1S1P1L1M2J2E1A3,ALX,OGAB,4,12,6,12,590,15,10,MNHVY,22.63405000000000,0.62032030000000
C4B3H1S1P1L1M2J2E2A1,ALX,OGAB,4,12,6,12,590,15,40,MEPDG,10.12564000000000,0.18746830000000
C4B3H1S1P1L1M2J2E2A2,ALX,OGAB,4,12,6,12,590,15,40,MNAVG,7.17472700000000,0.03063850000000
C4B3H1S1P1L1M2J2E2A3,ALX,OGAB,4,12,6,12,590,15,40,MNHVY,12.44446000000000,0.31524460000000
C4B3H1S1P1L1M3J1E1A1,ALX,OGAB,4,12,6,12,840,12,10,MEPDG,1.36578400000000,0.02207648000000
C4B3H1S1P1L1M3J1E1A2,ALX,OGAB,4,12,6,12,840,12,10,MNAVG,0.66488340000000,0.00195315600000
C4B3H1S1P1L1M3J1E1A3,ALX,OGAB,4,12,6,12,840,12,10,MNHVY,1.02725600000000,0.02397236000000
C4B3H1S1P1L1M3J1E2A1,ALX,OGAB,4,12,6,12,840,12,40,MEPDG,0.62689230000000,0.01105384000000
C4B3H1S1P1L1M3J1E2A2,ALX,OGAB,4,12,6,12,840,12,40,MNAVG,0.29888460000000,0.00081687750000
C4B3H1S1P1L1M3J1E2A3,ALX,OGAB,4,12,6,12,840,12,40,MNHVY,0.44144560000000,0.01028169000000
C4B3H1S1P1L1M3J2E1A1,ALX,OGAB,4,12,6,12,840,15,10,MEPDG,2.98166900000000,0.07317501000000
C4B3H1S1P1L1M3J2E1A2,ALX,OGAB,4,12,6,12,840,15,10,MNAVG,1.81598300000000,0.01145919000000
C4B3H1S1P1L1M3J2E1A3,ALX,OGAB,4,12,6,12,840,15,10,MNHVY,3.23314100000000,0.11985560000000
C4B3H1S1P1L1M3J2E2A1,ALX,OGAB,4,12,6,12,840,15,40,MEPDG,1.49714500000000,0.03389585000000
C4B3H1S1P1L1M3J2E2A2,ALX,OGAB,4,12,6,12,840,15,40,MNAVG,0.91638450000000,0.00488165600000
C4B3H1S1P1L1M3J2E2A3,ALX,OGAB,4,12,6,12,840,15,40,MNHVY,1.58527900000000,0.05291723000000
C4B3H1S1P1L2M1J1E1A1,ALX,OGAB,4,12,6,13,340,12,10,MEPDG,23.05065000000000,0.34229160000000
C4B3H1S1P1L2M1J1E1A2,ALX,OGAB,4,12,6,13,340,12,10,MNAVG,17.41324000000000,0.04087280000000
C4B3H1S1P1L2M1J1E1A3,ALX,OGAB,4,12,6,13,340,12,10,MNHVY,31.78007000000000,0.47573020000000
C4B3H1S1P1L2M1J1E2A1,ALX,OGAB,4,12,6,13,340,12,40,MEPDG,23.05065000000000,0.34229160000000
C4B3H1S1P1L2M1J1E2A2,ALX,OGAB,4,12,6,13,340,12,40,MNAVG,17.41324000000000,0.04087280000000
C4B3H1S1P1L2M1J1E2A3,ALX,OGAB,4,12,6,13,340,12,40,MNHVY,31.78007000000000,0.47573020000000
C4B3H1S1P1L2M1J2E1A1,ALX,OGAB,4,12,6,13,340,15,10,MEPDG,28.87416000000000,0.36998910000000
C4B3H1S1P1L2M1J2E1A2,ALX,OGAB,4,12,6,13,340,15,10,MNAVG,22.79495000000000,0.06728477000000
C4B3H1S1P1L2M1J2E1A3,ALX,OGAB,4,12,6,13,340,15,10,MNHVY,42.10751000000000,0.65904150000000
C4B3H1S1P1L2M1J2E2A1,ALX,OGAB,4,12,6,13,340,15,40,MEPDG,28.87416000000000,0.36998910000000
C4B3H1S1P1L2M1J2E2A2,ALX,OGAB,4,12,6,13,340,15,40,MNAVG,22.79495000000000,0.06728477000000
C4B3H1S1P1L2M1J2E2A3,ALX,OGAB,4,12,6,13,340,15,40,MNHVY,42.10751000000000,0.65904150000000
C4B3H1S1P1L2M2J1E1A1,ALX,OGAB,4,12,6,13,590,12,10,MEPDG,1.42291100000000,0.03431942000000
C4B3H1S1P1L2M2J1E1A2,ALX,OGAB,4,12,6,13,590,12,10,MNAVG,0.84868520000000,0.00347219100000
C4B3H1S1P1L2M2J1E1A3,ALX,OGAB,4,12,6,13,590,12,10,MNHVY,1.38006200000000,0.04095722000000
C4B3H1S1P1L2M2J1E2A1,ALX,OGAB,4,12,6,13,590,12,40,MEPDG,1.42291100000000,0.03431942000000
C4B3H1S1P1L2M2J1E2A2,ALX,OGAB,4,12,6,13,590,12,40,MNAVG,0.84868520000000,0.00347219100000
C4B3H1S1P1L2M2J1E2A3,ALX,OGAB,4,12,6,13,590,12,40,MNHVY,1.38006200000000,0.04095722000000
C4B3H1S1P1L2M2J2E1A1,ALX,OGAB,4,12,6,13,590,15,10,MEPDG,2.56511000000000,0.07975066000000
C4B3H1S1P1L2M2J2E1A2,ALX,OGAB,4,12,6,13,590,15,10,MNAVG,1.78785800000000,0.01375354000000
C4B3H1S1P1L2M2J2E1A3,ALX,OGAB,4,12,6,13,590,15,10,MNHVY,3.12310100000000,0.13703360000000
C4B3H1S1P1L2M2J2E2A1,ALX,OGAB,4,12,6,13,590,15,40,MEPDG,2.56511000000000,0.07975066000000
C4B3H1S1P1L2M2J2E2A2,ALX,OGAB,4,12,6,13,590,15,40,MNAVG,1.78785800000000,0.01375354000000
C4B3H1S1P1L2M2J2E2A3,ALX,OGAB,4,12,6,13,590,15,40,MNHVY,3.12310100000000,0.13703360000000
C4B3H1S1P1L2M3J1E1A1,ALX,OGAB,4,12,6,13,840,12,10,MEPDG,0.14113200000000,0.00364505000000
```

```
C4B3H1S1P1L2M3J1E1A2,ALX,OGAB,4,12,6,13,840,12,10,MNAVG,0.06526450000000,0.00026857950000
C4B3H1S1P1L2M3J1E1A3,ALX,OGAB,4,12,6,13,840,12,10,MNHVY,0.09633046000000,0.00337922200000
C4B3H1S1P1L2M3J1E2A1,ALX,OGAB,4,12,6,13,840,12,40,MEPDG,0.14113200000000,0.00364505000000
C4B3H1S1P1L2M3J1E2A2,ALX,OGAB,4,12,6,13,840,12,40,MNAVG,0.06526450000000,0.00026857950000
C4B3H1S1P1L2M3J1E2A3,ALX,OGAB,4,12,6,13,840,12,40,MNHVY,0.09633046000000,0.00337922200000
C4B3H1S1P1L2M3J2E1A1,ALX,OGAB,4,12,6,13,840,15,10,MEPDG,0.36404670000000,0.01341254000000
C4B3H1S1P1L2M3J2E1A2,ALX,OGAB,4,12,6,13,840,15,10,MNAVG,0.22121470000000,0.00200195400000
C4B3H1S1P1L2M3J2E1A3,ALX,OGAB,4,12,6,13,840,15,10,MNHVY,0.38501310000000,0.02136343000000
C4B3H1S1P1L2M3J2E2A1,ALX,OGAB,4,12,6,13,840,15,40,MEPDG,0.36404670000000,0.01341254000000
C4B3H1S1P1L2M3J2E2A2,ALX,OGAB,4,12,6,13,840,15,40,MNAVG,0.22121470000000,0.00200195400000
C4B3H1S1P1L2M3J2E2A3,ALX,OGAB,4,12,6,13,840,15,40,MNHVY,0.38501310000000,0.02136343000000
C4B3H1S1P2L1M1J1E1A1,ALX,OGAB,4,12,7,12,340,12,10,MEPDG,55.13549000000000,1.26471700000000
C4B3H1S1P2L1M1J1E1A2,ALX,OGAB,4,12,7,12,340,12,10,MNAVG,41.28277000000000,0.17235610000000
C4B3H1S1P2L1M1J1E1A3,ALX,OGAB,4,12,7,12,340,12,10,MNHVY,71.92172000000000,1.94119800000000
C4B3H1S1P2L1M1J1E2A1,ALX,OGAB,4,12,7,12,340,12,40,MEPDG,31.71107000000000,0.71854910000000
C4B3H1S1P2L1M1J1E2A2,ALX,OGAB,4,12,7,12,340,12,40,MNAVG,22.91231000000000,0.09121241000000
C4B3H1S1P2L1M1J1E2A3,ALX,OGAB,4,12,7,12,340,12,40,MNHVY,39.79077000000000,1.05089700000000
C4B3H1S1P2L1M1J2E1A1,ALX,OGAB,4,12,7,12,340,15,10,MEPDG,82.55138000000000,1.83557500000000
C4B3H1S1P2L1M1J2E1A2,ALX,OGAB,4,12,7,12,340,15,10,MNAVG,66.75009000000000,0.34025550000000
C4B3H1S1P2L1M1J2E1A3,ALX,OGAB,4,12,7,12,340,15,10,MNHVY,120.51420000000000,3.35825300000000
C4B3H1S1P2L1M1J2E2A1,ALX,OGAB,4,12,7,12,340,15,40,MEPDG,49.92937000000000,1.05803700000000
C4B3H1S1P2L1M1J2E2A2,ALX,OGAB,4,12,7,12,340,15,40,MNAVG,39.51678000000000,0.19387790000000
C4B3H1S1P2L1M1J2E2A3,ALX,OGAB,4,12,7,12,340,15,40,MNHVY,71.48039000000000,1.92355500000000
C4B3H1S1P2L1M2J1E1A1,ALX,OGAB,4,12,7,12,590,12,10,MEPDG,2.78878100000000,0.07989095000000
C4B3H1S1P2L1M2J1E1A2,ALX,OGAB,4,12,7,12,590,12,10,MNAVG,1.40655900000000,0.00941800500000
C4B3H1S1P2L1M2J1E1A3,ALX,OGAB,4,12,7,12,590,12,10,MNHVY,2.30320500000000,0.11089740000000
C4B3H1S1P2L1M2J1E2A1,ALX,OGAB,4,12,7,12,590,12,40,MEPDG,1.30730500000000,0.04156896000000
C4B3H1S1P2L1M2J1E2A2,ALX,OGAB,4,12,7,12,590,12,40,MNAVG,0.65238860000000,0.00435722900000
C4B3H1S1P2L1M2J1E2A3,ALX,OGAB,4,12,7,12,590,12,40,MNHVY,1.01163500000000,0.05229767000000
C4B3H1S1P2L1M2J2E1A1,ALX,OGAB,4,12,7,12,590,15,10,MEPDG,6.55216000000000,0.24884520000000
C4B3H1S1P2L1M2J2E1A2,ALX,OGAB,4,12,7,12,590,15,10,MNAVG,4.10760500000000,0.04491938000000
C4B3H1S1P2L1M2J2E1A3,ALX,OGAB,4,12,7,12,590,15,10,MNHVY,7.65784500000000,0.44837110000000
C4B3H1S1P2L1M2J2E2A1,ALX,OGAB,4,12,7,12,590,15,40,MEPDG,3.38732400000000,0.12641050000000
C4B3H1S1P2L1M2J2E2A2,ALX,OGAB,4,12,7,12,590,15,40,MNAVG,2.15599700000000,0.02181597000000
C4B3H1S1P2L1M2J2E2A3,ALX,OGAB,4,12,7,12,590,15,40,MNHVY,3.87468700000000,0.22214370000000
C4B3H1S1P2L1M3J1E1A1,ALX,OGAB,4,12,7,12,840,12,10,MEPDG,0.24166640000000,0.00590285700000
C4B3H1S1P2L1M3J1E1A2,ALX,OGAB,4,12,7,12,840,12,10,MNAVG,0.08559880000000,0.00052980690000
C4B3H1S1P2L1M3J1E1A3,ALX,OGAB,4,12,7,12,840,12,10,MNHVY,0.12885090000000,0.00671317300000
C4B3H1S1P2L1M3J1E2A1,ALX,OGAB,4,12,7,12,840,12,40,MEPDG,0.09469485000000,0.00292282000000
C4B3H1S1P2L1M3J1E2A2,ALX,OGAB,4,12,7,12,840,12,40,MNAVG,0.03438408000000,0.00022001660000
C4B3H1S1P2L1M3J1E2A3,ALX,OGAB,4,12,7,12,840,12,40,MNHVY,0.04710371000000,0.00285446600000
C4B3H1S1P2L1M3J2E1A1,ALX,OGAB,4,12,7,12,840,15,10,MEPDG,0.85833630000000,0.03132111000000
C4B3H1S1P2L1M3J2E1A2,ALX,OGAB,4,12,7,12,840,15,10,MNAVG,0.41717250000000,0.00493512800000
C4B3H1S1P2L1M3J2E1A3,ALX,OGAB,4,12,7,12,840,15,10,MNHVY,0.82543030000000,0.05334510000000
C4B3H1S1P2L1M3J2E2A1,ALX,OGAB,4,12,7,12,840,15,40,MEPDG,0.38150760000000,0.01439239000000
C4B3H1S1P2L1M3J2E2A2,ALX,OGAB,4,12,7,12,840,15,40,MNAVG,0.19314200000000,0.00210615500000
C4B3H1S1P2L1M3J2E2A3,ALX,OGAB,4,12,7,12,840,15,40,MNHVY,0.35509980000000,0.02323612000000
C4B3H1S1P2L2M1J1E1A1,ALX,OGAB,4,12,7,13,340,12,10,MEPDG,7.99397100000000,0.27631020000000
C4B3H1S1P2L2M1J1E1A2,ALX,OGAB,4,12,7,13,340,12,10,MNAVG,5.58561000000000,0.03665903000000
C4B3H1S1P2L2M1J1E1A3,ALX,OGAB,4,12,7,13,340,12,10,MNHVY,9.74696600000000,0.41207470000000
```

```
C4B3H1S1P2L2M1J1E2A1,ALX,OGAB,4,12,7,13,340,12,40,MEPDG,7.99397100000000,0.27631020000000
C4B3H1S1P2L2M1J1E2A2,ALX,OGAB,4,12,7,13,340,12,40,MNAVG,5.58561000000000,0.03665903000000
C4B3H1S1P2L2M1J1E2A3,ALX,OGAB,4,12,7,13,340,12,40,MNHVY,9.74696600000000,0.41207470000000
C4B3H1S1P2L2M1J2E1A1,ALX,OGAB,4,12,7,13,340,15,10,MEPDG,13.27220000000000,0.48571750000000
C4B3H1S1P2L2M1J2E1A2,ALX,OGAB,4,12,7,13,340,15,10,MNAVG,10.33603000000000,0.09380284000000
C4B3H1S1P2L2M1J2E1A3,ALX,OGAB,4,12,7,13,340,15,10,MNHVY,18.73653000000000,0.89511750000000
C4B3H1S1P2L2M1J2E2A1,ALX,OGAB,4,12,7,13,340,15,40,MEPDG,13.27220000000000,0.48571750000000
C4B3H1S1P2L2M1J2E2A2,ALX,OGAB,4,12,7,13,340,15,40,MNAVG,10.33603000000000,0.09380284000000
C4B3H1S1P2L2M1J2E2A3,ALX,OGAB,4,12,7,13,340,15,40,MNHVY,18.73653000000000,0.89511750000000
C4B3H1S1P2L2M2J1E1A1,ALX,OGAB,4,12,7,13,590,12,10,MEPDG,0.29989240000000,0.01499472000000
C4B3H1S1P2L2M2J1E1A2,ALX,OGAB,4,12,7,13,590,12,10,MNAVG,0.14547640000000,0.00161249200000
C4B3H1S1P2L2M2J1E1A3,ALX,OGAB,4,12,7,13,590,12,10,MNHVY,0.22447030000000,0.01915705000000
C4B3H1S1P2L2M2J1E2A1,ALX,OGAB,4,12,7,13,590,12,40,MEPDG,0.29989240000000,0.01499472000000
C4B3H1S1P2L2M2J1E2A2,ALX,OGAB,4,12,7,13,590,12,40,MNAVG,0.14547640000000,0.00161249200000
C4B3H1S1P2L2M2J1E2A3,ALX,OGAB,4,12,7,13,590,12,40,MNHVY,0.22447030000000,0.01915705000000
C4B3H1S1P2L2M2J2E1A1,ALX,OGAB,4,12,7,13,590,15,10,MEPDG,0.84730540000000,0.05518623000000
C4B3H1S1P2L2M2J2E1A2,ALX,OGAB,4,12,7,13,590,15,10,MNAVG,0.53692590000000,0.00987151200000
C4B3H1S1P2L2M2J2E1A3,ALX,OGAB,4,12,7,13,590,15,10,MNHVY,0.96418980000000,0.09867918000000
C4B3H1S1P2L2M2J2E2A1,ALX,OGAB,4,12,7,13,590,15,40,MEPDG,0.84730540000000,0.05518623000000
C4B3H1S1P2L2M2J2E2A2,ALX,OGAB,4,12,7,13,590,15,40,MNAVG,0.53692590000000,0.00987151200000
C4B3H1S1P2L2M2J2E2A3,ALX,OGAB,4,12,7,13,590,15,40,MNHVY,0.96418980000000,0.09867918000000
C4B3H1S1P2L2M3J1E1A1,ALX,OGAB,4,12,7,13,840,12,10,MEPDG,0.02001415000000,0.00098954630000
C4B3H1S1P2L2M3J1E1A2,ALX,OGAB,4,12,7,13,840,12,10,MNAVG,0.00717389800000,0.00007452451000
C4B3H1S1P2L2M3J1E1A3,ALX,OGAB,4,12,7,13,840,12,10,MNHVY,0.00964139800000,0.00096267790000
C4B3H1S1P2L2M3J1E2A1,ALX,OGAB,4,12,7,13,840,12,40,MEPDG,0.02001415000000,0.00098954630000
C4B3H1S1P2L2M3J1E2A2,ALX,OGAB,4,12,7,13,840,12,40,MNAVG,0.00717389800000,0.00007452451000
C4B3H1S1P2L2M3J1E2A3,ALX,OGAB,4,12,7,13,840,12,40,MNHVY,0.00964139800000,0.00096267790000
C4B3H1S1P2L2M3J2E1A1,ALX,OGAB,4,12,7,13,840,15,10,MEPDG,0.08949710000000,0.00582789900000
C4B3H1S1P2L2M3J2E1A2,ALX,OGAB,4,12,7,13,840,15,10,MNAVG,0.04531833000000,0.00086908860000
C4B3H1S1P2L2M3J2E1A3,ALX,OGAB,4,12,7,13,840,15,10,MNHVY,0.08291690000000,0.00954479900000
C4B3H1S1P2L2M3J2E2A1,ALX,OGAB,4,12,7,13,840,15,40,MEPDG,0.08949710000000,0.00582789900000
C4B3H1S1P2L2M3J2E2A2,ALX,OGAB,4,12,7,13,840,15,40,MNAVG,0.04531833000000,0.00086908860000
C4B3H1S1P2L2M3J2E2A3,ALX,OGAB,4,12,7,13,840,15,40,MNHVY,0.08291690000000,0.00954479900000
C4B3H1S1P3L1M1J1E1A1,ALX,OGAB,4,12,8,12,340,12,10,MEPDG,18.45852000000000,0.88467470000000
C4B3H1S1P3L1M1J1E1A2,ALX,OGAB,4,12,8,12,340,12,10,MNAVG,11.54266000000000,0.12999020000000
C4B3H1S1P3L1M1J1E1A3,ALX,OGAB,4,12,8,12,340,12,10,MNHVY,20.15227000000000,1.45756700000000
C4B3H1S1P3L1M1J1E2A1,ALX,OGAB,4,12,8,12,340,12,40,MEPDG,9.66795500000000,0.49423830000000
C4B3H1S1P3L1M1J1E2A2,ALX,OGAB,4,12,8,12,340,12,40,MNAVG,5.95618100000000,0.06782234000000
C4B3H1S1P3L1M1J1E2A3,ALX,OGAB,4,12,8,12,340,12,40,MNHVY,10.01731000000000,0.77201910000000
C4B3H1S1P3L1M1J2E1A1,ALX,OGAB,4,12,8,12,340,15,10,MEPDG,36.41459000000000,1.77606600000000
C4B3H1S1P3L1M1J2E1A2,ALX,OGAB,4,12,8,12,340,15,10,MNAVG,26.38403000000000,0.34538070000000
C4B3H1S1P3L1M1J2E1A3,ALX,OGAB,4,12,8,12,340,15,10,MNHVY,49.58196000000000,3.37339300000000
C4B3H1S1P3L1M1J2E2A1,ALX,OGAB,4,12,8,12,340,15,40,MEPDG,20.65931000000000,1.01138000000000
C4B3H1S1P3L1M1J2E2A2,ALX,OGAB,4,12,8,12,340,15,40,MNAVG,15.05039000000000,0.19304620000000
C4B3H1S1P3L1M1J2E2A3,ALX,OGAB,4,12,8,12,340,15,40,MNHVY,27.60014000000000,1.89812400000000
C4B3H1S1P3L1M2J1E1A1,ALX,OGAB,4,12,8,12,590,12,10,MEPDG,0.59099840000000,0.03317601000000
C4B3H1S1P3L1M2J1E1A2,ALX,OGAB,4,12,8,12,590,12,10,MNAVG,0.21699460000000,0.00412064700000
C4B3H1S1P3L1M2J1E1A3,ALX,OGAB,4,12,8,12,590,12,10,MNHVY,0.34476290000000,0.04930045000000
C4B3H1S1P3L1M2J1E2A1,ALX,OGAB,4,12,8,12,590,12,40,MEPDG,0.24119690000000,0.01699504000000
C4B3H1S1P3L1M2J1E2A2,ALX,OGAB,4,12,8,12,590,12,40,MNAVG,0.09080883000000,0.00188231700000
```

```
C4B3H1S1P3L1M2J1E2A3,ALX,OGAB,4,12,8,12,590,12,40,MNHVY,0.13084040000000,0.02300667000000
C4B3H1S1P3L1M2J2E1A1,ALX,OGAB,4,12,8,12,590,15,10,MEPDG,2.06283800000000,0.14779540000000
C4B3H1S1P3L1M2J2E1A2,ALX,OGAB,4,12,8,12,590,15,10,MNAVG,1.03331900000000,0.02681715000000
C4B3H1S1P3L1M2J2E1A3,ALX,OGAB,4,12,8,12,590,15,10,MNHVY,2.08220200000000,0.27720840000000
C4B3H1S1P3L1M2J2E2A1,ALX,OGAB,4,12,8,12,590,15,40,MEPDG,0.95576080000000,0.07464946000000
C4B3H1S1P3L1M2J2E2A2,ALX,OGAB,4,12,8,12,590,15,40,MNAVG,0.50031330000000,0.01302737000000
C4B3H1S1P3L1M2J2E2A3,ALX,OGAB,4,12,8,12,590,15,40,MNHVY,0.93645510000000,0.13606980000000
C4B3H1S1P3L1M3J1E1A1,ALX,OGAB,4,12,8,12,840,12,10,MEPDG,0.03436772000000,0.00161341900000
C4B3H1S1P3L1M3J1E1A2,ALX,OGAB,4,12,8,12,840,12,10,MNAVG,0.00898267200000,0.00014995290000
C4B3H1S1P3L1M3J1E1A3,ALX,OGAB,4,12,8,12,840,12,10,MNHVY,0.01200539000000,0.00191607200000
C4B3H1S1P3L1M3J1E2A1,ALX,OGAB,4,12,8,12,840,12,40,MEPDG,0.01132401000000,0.00080977940000
C4B3H1S1P3L1M3J1E2A2,ALX,OGAB,4,12,8,12,840,12,40,MNAVG,0.00324861200000,0.00006392446000
C4B3H1S1P3L1M3J1E2A3,ALX,OGAB,4,12,8,12,840,12,40,MNHVY,0.00382518000000,0.00083796340000
C4B3H1S1P3L1M3J2E1A1,ALX,OGAB,4,12,8,12,840,15,10,MEPDG,0.18695830000000,0.01286647000000
C4B3H1S1P3L1M3J2E1A2,ALX,OGAB,4,12,8,12,840,15,10,MNAVG,0.06541467000000,0.00199218500000
C4B3H1S1P3L1M3J2E1A3,ALX,OGAB,4,12,8,12,840,15,10,MNHVY,0.13749890000000,0.02256922000000
C4B3H1S1P3L1M3J2E2A1,ALX,OGAB,4,12,8,12,840,15,40,MEPDG,0.07171933000000,0.00594085700000
C4B3H1S1P3L1M3J2E2A2,ALX,OGAB,4,12,8,12,840,15,40,MNAVG,0.02705922000000,0.00085603330000
C4B3H1S1P3L1M3J2E2A3,ALX,OGAB,4,12,8,12,840,15,40,MNHVY,0.05035612000000,0.00987164400000
C4B3H1S1P3L2M1J1E1A1,ALX,OGAB,4,12,8,13,340,12,10,MEPDG,2.35252600000000,0.19811020000000
C4B3H1S1P3L2M1J1E1A2,ALX,OGAB,4,12,8,13,340,12,10,MNAVG,1.40599000000000,0.02825049000000
C4B3H1S1P3L2M1J1E1A3,ALX,OGAB,4,12,8,13,340,12,10,MNHVY,2.35643900000000,0.31570090000000
C4B3H1S1P3L2M1J1E2A1,ALX,OGAB,4,12,8,13,340,12,40,MEPDG,2.35252600000000,0.19811020000000
C4B3H1S1P3L2M1J1E2A2,ALX,OGAB,4,12,8,13,340,12,40,MNAVG,1.40599000000000,0.02825049000000
C4B3H1S1P3L2M1J1E2A3,ALX,OGAB,4,12,8,13,340,12,40,MNHVY,2.35643900000000,0.31570090000000
C4B3H1S1P3L2M1J2E1A1,ALX,OGAB,4,12,8,13,340,15,10,MEPDG,5.45162000000000,0.48243730000000
C4B3H1S1P3L2M1J2E1A2,ALX,OGAB,4,12,8,13,340,15,10,MNAVG,3.94499100000000,0.09608104000000
C4B3H1S1P3L2M1J2E1A3,ALX,OGAB,4,12,8,13,340,15,10,MNHVY,7.20900900000000,0.91644610000000
C4B3H1S1P3L2M1J2E2A1,ALX,OGAB,4,12,8,13,340,15,40,MEPDG,5.45162000000000,0.48243730000000
C4B3H1S1P3L2M1J2E2A2,ALX,OGAB,4,12,8,13,340,15,40,MNAVG,3.94499100000000,0.09608104000000
C4B3H1S1P3L2M1J2E2A3,ALX,OGAB,4,12,8,13,340,15,40,MNHVY,7.20900900000000,0.91644610000000
C4B3H1S1P3L2M2J1E1A1,ALX,OGAB,4,12,8,13,590,12,10,MEPDG,0.05216564000000,0.00634337300000
C4B3H1S1P3L2M2J1E1A2,ALX,OGAB,4,12,8,13,590,12,10,MNAVG,0.01933552000000,0.00072253530000
C4B3H1S1P3L2M2J1E1A3,ALX,OGAB,4,12,8,13,590,12,10,MNHVY,0.02726170000000,0.00872180400000
C4B3H1S1P3L2M2J1E2A1,ALX,OGAB,4,12,8,13,590,12,40,MEPDG,0.05216564000000,0.00634337300000
C4B3H1S1P3L2M2J1E2A2,ALX,OGAB,4,12,8,13,590,12,40,MNAVG,0.01933552000000,0.00072253530000
C4B3H1S1P3L2M2J1E2A3,ALX,OGAB,4,12,8,13,590,12,40,MNHVY,0.02726170000000,0.00872180400000
C4B3H1S1P3L2M2J2E1A1,ALX,OGAB,4,12,8,13,590,15,10,MEPDG,0.23033980000000,0.03360318000000
C4B3H1S1P3L2M2J2E1A2,ALX,OGAB,4,12,8,13,590,15,10,MNAVG,0.12075970000000,0.00603507200000
C4B3H1S1P3L2M2J2E1A3,ALX,OGAB,4,12,8,13,590,15,10,MNHVY,0.22380470000000,0.06218937000000
C4B3H1S1P3L2M2J2E2A1,ALX,OGAB,4,12,8,13,590,15,40,MEPDG,0.23033980000000,0.03360318000000
C4B3H1S1P3L2M2J2E2A2,ALX,OGAB,4,12,8,13,590,15,40,MNAVG,0.12075970000000,0.00603507200000
C4B3H1S1P3L2M2J2E2A3,ALX,OGAB,4,12,8,13,590,15,40,MNHVY,0.22380470000000,0.06218937000000
C4B3H1S1P3L2M3J1E1A1,ALX,OGAB,4,12,8,13,840,12,10,MEPDG,0.00222623100000,0.00028336730000
C4B3H1S1P3L2M3J1E1A2,ALX,OGAB,4,12,8,13,840,12,10,MNAVG,0.00064813680000,0.00002250414000
C4B3H1S1P3L2M3J1E1A3,ALX,OGAB,4,12,8,13,840,12,10,MNHVY,0.00073874200000,0.00029322120000
C4B3H1S1P3L2M3J1E2A1,ALX,OGAB,4,12,8,13,840,12,40,MEPDG,0.00222623100000,0.00028336730000
C4B3H1S1P3L2M3J1E2A2,ALX,OGAB,4,12,8,13,840,12,40,MNAVG,0.00064813680000,0.00002250414000
C4B3H1S1P3L2M3J1E2A3,ALX,OGAB,4,12,8,13,840,12,40,MNHVY,0.00073874200000,0.00029322120000
C4B3H1S1P3L2M3J2E1A1,ALX,OGAB,4,12,8,13,840,15,10,MEPDG,0.01579700000000,0.00249583600000
```

```
C4B3H1S1P3L2M3J2E1A2,ALX,OGAB,4,12,8,13,840,15,10,MNAVG,0.00600080600000,0.00036799620000
C4B3H1S1P3L2M3J2E1A3,ALX,OGAB,4,12,8,13,840,15,10,MNHVY,0.01094038000000,0.00420155500000
C4B3H1S1P3L2M3J2E2A1,ALX,OGAB,4,12,8,13,840,15,40,MEPDG,0.01579700000000,0.00249583600000
C4B3H1S1P3L2M3J2E2A2,ALX,OGAB,4,12,8,13,840,15,40,MNAVG,0.00600080600000,0.00036799620000
C4B3H1S1P3L2M3J2E2A3,ALX,OGAB,4,12,8,13,840,15,40,MNHVY,0.01094038000000,0.00420155500000
C4B3H1S1P4L1M1J1E1A1,ALX,OGAB,4,12,9,12,340,12,10,MEPDG,5.55335300000000,0.52142910000000
C4B3H1S1P4L1M1J1E1A2,ALX,OGAB,4,12,9,12,340,12,10,MNAVG,2.73690100000000,0.07711627000000
C4B3H1S1P4L1M1J1E1A3,ALX,OGAB,4,12,9,12,340,12,10,MNHVY,4.73848800000000,0.89140620000000
C4B3H1S1P4L1M1J1E2A1,ALX,OGAB,4,12,9,12,340,12,40,MEPDG,2.62176100000000,0.28738380000000
C4B3H1S1P4L1M1J1E2A2,ALX,OGAB,4,12,9,12,340,12,40,MNAVG,1.29649200000000,0.03975894000000
C4B3H1S1P4L1M1J1E2A3,ALX,OGAB,4,12,9,12,340,12,40,MNHVY,2.08798100000000,0.46512120000000
C4B3H1S1P4L1M1J2E1A1,ALX,OGAB,4,12,9,12,340,15,10,MEPDG,14.43375000000000,1.35502200000000
C4B3H1S1P4L1M1J2E1A2,ALX,OGAB,4,12,9,12,340,15,10,MNAVG,8.96550500000000,0.26167510000000
C4B3H1S1P4L1M1J2E1A3,ALX,OGAB,4,12,9,12,340,15,10,MNHVY,17.62687000000000,2.63271900000000
C4B3H1S1P4L1M1J2E2A1,ALX,OGAB,4,12,9,12,340,15,40,MEPDG,7.57407500000000,0.77114960000000
C4B3H1S1P4L1M1J2E2A2,ALX,OGAB,4,12,9,12,340,15,40,MNAVG,4.83796100000000,0.14634200000000
C4B3H1S1P4L1M1J2E2A3,ALX,OGAB,4,12,9,12,340,15,40,MNHVY,9.04599300000000,1.47583500000000
C4B3H1S1P4L1M2J1E1A1,ALX,OGAB,4,12,9,12,590,12,10,MEPDG,0.10801280000000,0.01202689000000
C4B3H1S1P4L1M2J1E1A2,ALX,OGAB,4,12,9,12,590,12,10,MNAVG,0.02926246000000,0.00143715700000
C4B3H1S1P4L1M2J1E1A3,ALX,OGAB,4,12,9,12,590,12,10,MNHVY,0.04212948000000,0.01781220000000
C4B3H1S1P4L1M2J1E2A1,ALX,OGAB,4,12,9,12,590,12,40,MEPDG,0.03811488000000,0.00624745100000
C4B3H1S1P4L1M2J1E2A2,ALX,OGAB,4,12,9,12,590,12,40,MNAVG,0.01115542000000,0.00067447740000
C4B3H1S1P4L1M2J1E2A3,ALX,OGAB,4,12,9,12,590,12,40,MNHVY,0.01411335000000,0.00851751900000
C4B3H1S1P4L1M2J2E1A1,ALX,OGAB,4,12,9,12,590,15,10,MEPDG,0.51846150000000,0.07395440000000
C4B3H1S1P4L1M2J2E1A2,ALX,OGAB,4,12,9,12,590,15,10,MNAVG,0.19540780000000,0.01279538000000
C4B3H1S1P4L1M2J2E1A3,ALX,OGAB,4,12,9,12,590,15,10,MNHVY,0.40691280000000,0.14047480000000
C4B3H1S1P4L1M2J2E2A1,ALX,OGAB,4,12,9,12,590,15,40,MEPDG,0.21242700000000,0.03779672000000
C4B3H1S1P4L1M2J2E2A2,ALX,OGAB,4,12,9,12,590,15,40,MNAVG,0.08589777000000,0.00631403100000
C4B3H1S1P4L1M2J2E2A3,ALX,OGAB,4,12,9,12,590,15,40,MNHVY,0.16008810000000,0.06977519000000
C4B3H1S1P4L1M3J1E1A1,ALX,OGAB,4,12,9,12,840,12,10,MEPDG,0.00437759700000,0.00041321900000
C4B3H1S1P4L1M3J1E1A2,ALX,OGAB,4,12,9,12,840,12,10,MNAVG,0.00095478630000,0.00003562497000
C4B3H1S1P4L1M3J1E1A3,ALX,OGAB,4,12,9,12,840,12,10,MNHVY,0.00106114800000,0.00046945530000
C4B3H1S1P4L1M3J1E2A1,ALX,OGAB,4,12,9,12,840,12,40,MEPDG,0.00120477700000,0.00022257590000
C4B3H1S1P4L1M3J1E2A2,ALX,OGAB,4,12,9,12,840,12,40,MNAVG,0.00031090640000,0.00001680648000
C4B3H1S1P4L1M3J1E2A3,ALX,OGAB,4,12,9,12,840,12,40,MNHVY,0.00029992490000,0.00022500300000
C4B3H1S1P4L1M3J2E1A1,ALX,OGAB,4,12,9,12,840,15,10,MEPDG,0.03074140000000,0.00474081900000
C4B3H1S1P4L1M3J2E1A2,ALX,OGAB,4,12,9,12,840,15,10,MNAVG,0.00767862500000,0.00068552840000
C4B3H1S1P4L1M3J2E1A3,ALX,OGAB,4,12,9,12,840,15,10,MNHVY,0.01527411000000,0.00818395100000
C4B3H1S1P4L1M3J2E2A1,ALX,OGAB,4,12,9,12,840,15,40,MEPDG,0.01017305000000,0.00228264300000
C4B3H1S1P4L1M3J2E2A2,ALX,OGAB,4,12,9,12,840,15,40,MNAVG,0.00285991900000,0.00031068720000
C4B3H1S1P4L1M3J2E2A3,ALX,OGAB,4,12,9,12,840,15,40,MNHVY,0.00484902500000,0.00375602300000
C4B3H1S1P4L2M1J1E1A1,ALX,OGAB,4,12,9,13,340,12,10,MEPDG,0.60986380000000,0.11828150000000
C4B3H1S1P4L2M1J1E1A2,ALX,OGAB,4,12,9,13,340,12,10,MNAVG,0.29375090000000,0.01690113000000
C4B3H1S1P4L2M1J1E1A3,ALX,OGAB,4,12,9,13,340,12,10,MNHVY,0.46648470000000,0.19472830000000
C4B3H1S1P4L2M1J1E2A1,ALX,OGAB,4,12,9,13,340,12,40,MEPDG,0.60986380000000,0.11828150000000
C4B3H1S1P4L2M1J1E2A2,ALX,OGAB,4,12,9,13,340,12,40,MNAVG,0.29375090000000,0.01690113000000
C4B3H1S1P4L2M1J1E2A3,ALX,OGAB,4,12,9,13,340,12,40,MNHVY,0.46648470000000,0.19472830000000
C4B3H1S1P4L2M1J2E1A1,ALX,OGAB,4,12,9,13,340,15,10,MEPDG,1.94526700000000,0.38001390000000
C4B3H1S1P4L2M1J2E1A2,ALX,OGAB,4,12,9,13,340,15,10,MNAVG,1.24047200000000,0.07476491000000
C4B3H1S1P4L2M1J2E1A3,ALX,OGAB,4,12,9,13,340,15,10,MNHVY,2.29853000000000,0.73667660000000
```

```
C4B3H1S1P4L2M1J2E2A1,ALX,OGAB,4,12,9,13,340,15,40,MEPDG,1.94526700000000,0.38001390000000
C4B3H1S1P4L2M1J2E2A2,ALX,OGAB,4,12,9,13,340,15,40,MNAVG,1.24047200000000,0.07476491000000
C4B3H1S1P4L2M1J2E2A3,ALX,OGAB,4,12,9,13,340,15,40,MNHVY,2.29853000000000,0.73667660000000
C4B3H1S1P4L2M2J1E1A1,ALX,OGAB,4,12,9,13,590,12,10,MEPDG,0.00772783100000,0.00237215300000
C4B3H1S1P4L2M2J1E1A2,ALX,OGAB,4,12,9,13,590,12,10,MNAVG,0.00228056500000,0.00026162380000
C4B3H1S1P4L2M2J1E1A3,ALX,OGAB,4,12,9,13,590,12,10,MNHVY,0.00278154600000,0.00326890200000
C4B3H1S1P4L2M2J1E2A1,ALX,OGAB,4,12,9,13,590,12,40,MEPDG,0.00772783100000,0.00237215300000
C4B3H1S1P4L2M2J1E2A2,ALX,OGAB,4,12,9,13,590,12,40,MNAVG,0.00228056500000,0.00026162380000
C4B3H1S1P4L2M2J1E2A3,ALX,OGAB,4,12,9,13,590,12,40,MNHVY,0.00278154600000,0.00326890200000
C4B3H1S1P4L2M2J2E1A1,ALX,OGAB,4,12,9,13,590,15,10,MEPDG,0.04833093000000,0.01739134000000
C4B3H1S1P4L2M2J2E1A2,ALX,OGAB,4,12,9,13,590,15,10,MNAVG,0.01966645000000,0.00299199300000
C4B3H1S1P4L2M2J2E1A3,ALX,OGAB,4,12,9,13,590,15,10,MNHVY,0.03585576000000,0.03250530000000
C4B3H1S1P4L2M2J2E2A1,ALX,OGAB,4,12,9,13,590,15,40,MEPDG,0.04833093000000,0.01739134000000
C4B3H1S1P4L2M2J2E2A2,ALX,OGAB,4,12,9,13,590,15,40,MNAVG,0.01966645000000,0.00299199300000
C4B3H1S1P4L2M2J2E2A3,ALX,OGAB,4,12,9,13,590,15,40,MNHVY,0.03585576000000,0.03250530000000
C4B3H1S1P4L2M3J1E1A1,ALX,OGAB,4,12,9,13,840,12,10,MEPDG,0.00022202660000,0.00008126794000
C4B3H1S1P4L2M3J1E1A2,ALX,OGAB,4,12,9,13,840,12,10,MNAVG,0.00005954685000,0.00000616601500
C4B3H1S1P4L2M3J1E1A3,ALX,OGAB,4,12,9,13,840,12,10,MNHVY,0.00005583158000,0.00008216135000
C4B3H1S1P4L2M3J1E2A1,ALX,OGAB,4,12,9,13,840,12,40,MEPDG,0.00022202660000,0.00008126794000
C4B3H1S1P4L2M3J1E2A2,ALX,OGAB,4,12,9,13,840,12,40,MNAVG,0.00005954685000,0.00000616601500
C4B3H1S1P4L2M3J1E2A3,ALX,OGAB,4,12,9,13,840,12,40,MNHVY,0.00005583158000,0.00008216135000
C4B3H1S1P4L2M3J2E1A1,ALX,OGAB,4,12,9,13,840,15,10,MEPDG,0.00207258300000,0.00097940550000
C4B3H1S1P4L2M3J2E1A2,ALX,OGAB,4,12,9,13,840,15,10,MNAVG,0.00059419660000,0.00013641980000
C4B3H1S1P4L2M3J2E1A3,ALX,OGAB,4,12,9,13,840,15,10,MNHVY,0.00096790090000,0.00162941700000
C4B3H1S1P4L2M3J2E2A1,ALX,OGAB,4,12,9,13,840,15,40,MEPDG,0.00207258300000,0.00097940550000
C4B3H1S1P4L2M3J2E2A2,ALX,OGAB,4,12,9,13,840,15,40,MNAVG,0.00059419660000,0.00013641980000
C4B3H1S1P4L2M3J2E2A3,ALX,OGAB,4,12,9,13,840,15,40,MNHVY,0.00096790090000,0.00162941700000
C4B3H1S1P5L1M1J1E1A1,ALX,OGAB,4,12,10,12,340,12,10,MEPDG,1.53684500000000,0.28076760000000
C4B3H1S1P5L1M1J1E1A2,ALX,OGAB,4,12,10,12,340,12,10,MNAVG,0.57410330000000,0.03937633000000
C4B3H1S1P5L1M1J1E1A3,ALX,OGAB,4,12,10,12,340,12,10,MNHVY,0.96181620000000,0.47653430000000
C4B3H1S1P5L1M1J1E2A1,ALX,OGAB,4,12,10,12,340,12,40,MEPDG,0.65007310000000,0.15655220000000
C4B3H1S1P5L1M1J1E2A2,ALX,OGAB,4,12,10,12,340,12,40,MNAVG,0.24917130000000,0.02069309000000
C4B3H1S1P5L1M1J1E2A3,ALX,OGAB,4,12,10,12,340,12,40,MNHVY,0.37532600000000,0.25291990000000
C4B3H1S1P5L1M1J2E1A1,ALX,OGAB,4,12,10,12,340,15,10,MEPDG,5.12535800000000,0.91585960000000
C4B3H1S1P5L1M1J2E1A2,ALX,OGAB,4,12,10,12,340,15,10,MNAVG,2.61286400000000,0.16903580000000
C4B3H1S1P5L1M1J2E1A3,ALX,OGAB,4,12,10,12,340,15,10,MNHVY,5.32831600000000,1.79248200000000
C4B3H1S1P5L1M1J2E2A1,ALX,OGAB,4,12,10,12,340,15,40,MEPDG,2.45938500000000,0.52258550000000
C4B3H1S1P5L1M1J2E2A2,ALX,OGAB,4,12,10,12,340,15,40,MNAVG,1.31546300000000,0.09505589000000
C4B3H1S1P5L1M1J2E2A3,ALX,OGAB,4,12,10,12,340,15,40,MNHVY,2.48399300000000,1.00588300000000
C4B3H1S1P5L1M2J1E1A1,ALX,OGAB,4,12,10,12,590,12,10,MEPDG,0.01893085000000,0.00420169000000
C4B3H1S1P5L1M2J1E1A2,ALX,OGAB,4,12,10,12,590,12,10,MNAVG,0.00415573800000,0.00044765890000
C4B3H1S1P5L1M2J1E1A3,ALX,OGAB,4,12,10,12,590,12,10,MNHVY,0.00520979800000,0.00584068600000
C4B3H1S1P5L1M2J1E2A1,ALX,OGAB,4,12,10,12,590,12,40,MEPDG,0.00578697600000,0.00230961700000
C4B3H1S1P5L1M2J1E2A2,ALX,OGAB,4,12,10,12,590,12,40,MNAVG,0.00146565800000,0.00022860670000
C4B3H1S1P5L1M2J1E2A3,ALX,OGAB,4,12,10,12,590,12,40,MNHVY,0.00159047800000,0.00300002500000
C4B3H1S1P5L1M2J2E1A1,ALX,OGAB,4,12,10,12,590,15,10,MEPDG,0.10844390000000,0.03425341000000
C4B3H1S1P5L1M2J2E1A2,ALX,OGAB,4,12,10,12,590,15,10,MNAVG,0.02995103000000,0.00544073500000
C4B3H1S1P5L1M2J2E1A3,ALX,OGAB,4,12,10,12,590,15,10,MNHVY,0.05973653000000,0.06351214000000
C4B3H1S1P5L1M2J2E2A1,ALX,OGAB,4,12,10,12,590,15,40,MEPDG,0.03906417000000,0.01803947000000
C4B3H1S1P5L1M2J2E2A2,ALX,OGAB,4,12,10,12,590,15,40,MNAVG,0.01195419000000,0.00278718900000
```

```
C4B3H1S1P5L1M2J2E2A3,ALX,OGAB,4,12,10,12,590,15,40,MNHVY,0.02061075000000,0.03261747000000
C4B3H1S1P5L1M3J1E1A1,ALX,OGAB,4,12,10,12,840,12,10,MEPDG,0.00059062060000,0.00012007280000
C4B3H1S1P5L1M3J1E1A2,ALX,OGAB,4,12,10,12,840,12,10,MNAVG,0.00011348470000,0.00000938437600
C4B3H1S1P5L1M3J1E1A3,ALX,OGAB,4,12,10,12,840,12,10,MNHVY,0.00011100290000,0.00012977030000
C4B3H1S1P5L1M3J1E2A1,ALX,OGAB,4,12,10,12,840,12,40,MEPDG,0.00014304780000,0.00006952050000
C4B3H1S1P5L1M3J1E2A2,ALX,OGAB,4,12,10,12,840,12,40,MNAVG,0.00003420652000,0.00000496496200
C4B3H1S1P5L1M3J1E2A3,ALX,OGAB,4,12,10,12,840,12,40,MNHVY,0.00002957949000,0.00006844177000
C4B3H1S1P5L1M3J2E1A1,ALX,OGAB,4,12,10,12,840,15,10,MEPDG,0.00408845900000,0.00171473700000
C4B3H1S1P5L1M3J2E1A2,ALX,OGAB,4,12,10,12,840,15,10,MNAVG,0.00077467480000,0.00022614650000
C4B3H1S1P5L1M3J2E1A3,ALX,OGAB,4,12,10,12,840,15,10,MNHVY,0.00126280100000,0.00283554200000
C4B3H1S1P5L1M3J2E2A1,ALX,OGAB,4,12,10,12,840,15,40,MEPDG,0.00116483000000,0.00086860340000
C4B3H1S1P5L1M3J2E2A2,ALX,OGAB,4,12,10,12,840,15,40,MNAVG,0.00026275200000,0.00010962990000
C4B3H1S1P5L1M3J2E2A3,ALX,OGAB,4,12,10,12,840,15,40,MNHVY,0.00035906110000,0.00138079100000
C4B3H1S1P5L2M1J1E1A1,ALX,OGAB,4,12,10,13,340,12,10,MEPDG,0.14387090000000,0.06589127000000
C4B3H1S1P5L2M1J1E1A2,ALX,OGAB,4,12,10,13,340,12,10,MNAVG,0.05421195000000,0.00896247600000
C4B3H1S1P5L2M1J1E1A3,ALX,OGAB,4,12,10,13,340,12,10,MNHVY,0.07950438000000,0.10792180000000
C4B3H1S1P5L2M1J1E2A1,ALX,OGAB,4,12,10,13,340,12,40,MEPDG,0.14387090000000,0.06589127000000
C4B3H1S1P5L2M1J1E2A2,ALX,OGAB,4,12,10,13,340,12,40,MNAVG,0.05421195000000,0.00896247600000
C4B3H1S1P5L2M1J1E2A3,ALX,OGAB,4,12,10,13,340,12,40,MNHVY,0.07950438000000,0.10792180000000
C4B3H1S1P5L2M1J2E1A1,ALX,OGAB,4,12,10,13,340,15,10,MEPDG,0.60594400000000,0.26227000000000
C4B3H1S1P5L2M1J2E1A2,ALX,OGAB,4,12,10,13,340,15,10,MNAVG,0.32459600000000,0.04933276000000
C4B3H1S1P5L2M1J2E1A3,ALX,OGAB,4,12,10,13,340,15,10,MNHVY,0.60322000000000,0.51098560000000
C4B3H1S1P5L2M1J2E2A1,ALX,OGAB,4,12,10,13,340,15,40,MEPDG,0.60594400000000,0.26227000000000
C4B3H1S1P5L2M1J2E2A2,ALX,OGAB,4,12,10,13,340,15,40,MNAVG,0.32459600000000,0.04933276000000
C4B3H1S1P5L2M1J2E2A3,ALX,OGAB,4,12,10,13,340,15,40,MNHVY,0.60322000000000,0.51098560000000
C4B3H1S1P5L2M2J1E1A1,ALX,OGAB,4,12,10,13,590,12,10,MEPDG,0.00110155000000,0.00091137230000
C4B3H1S1P5L2M2J1E1A2,ALX,OGAB,4,12,10,13,590,12,10,MNAVG,0.00028857250000,0.00009211805000
C4B3H1S1P5L2M2J1E1A3,ALX,OGAB,4,12,10,13,590,12,10,MNHVY,0.00029952220000,0.00119931500000
C4B3H1S1P5L2M2J1E2A1,ALX,OGAB,4,12,10,13,590,12,40,MEPDG,0.00110155000000,0.00091137230000
C4B3H1S1P5L2M2J1E2A2,ALX,OGAB,4,12,10,13,590,12,40,MNAVG,0.00028857250000,0.00009211805000
C4B3H1S1P5L2M2J1E2A3,ALX,OGAB,4,12,10,13,590,12,40,MNHVY,0.00029952220000,0.00119931500000
C4B3H1S1P5L2M2J2E1A1,ALX,OGAB,4,12,10,13,590,15,10,MEPDG,0.00831943800000,0.00847630300000
C4B3H1S1P5L2M2J2E1A2,ALX,OGAB,4,12,10,13,590,15,10,MNAVG,0.00258672200000,0.00135010900000
C4B3H1S1P5L2M2J2E1A3,ALX,OGAB,4,12,10,13,590,15,10,MNHVY,0.00430056900000,0.01553266000000
C4B3H1S1P5L2M2J2E2A1,ALX,OGAB,4,12,10,13,590,15,40,MEPDG,0.00831943800000,0.00847630300000
C4B3H1S1P5L2M2J2E2A2,ALX,OGAB,4,12,10,13,590,15,40,MNAVG,0.00258672200000,0.00135010900000
C4B3H1S1P5L2M2J2E2A3,ALX,OGAB,4,12,10,13,590,15,40,MNHVY,0.00430056900000,0.01553266000000
C4B3H1S1P5L2M3J1E1A1,ALX,OGAB,4,12,10,13,840,12,10,MEPDG,0.00002448717000,0.00002669139000
C4B3H1S1P5L2M3J1E1A2,ALX,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000619392300,0.00000192579000
C4B3H1S1P5L2M3J1E1A3,ALX,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000513629400,0.00002646261000
C4B3H1S1P5L2M3J1E2A1,ALX,OGAB,4,12,10,13,840,12,40,MEPDG,0.00002448717000,0.00002669139000
C4B3H1S1P5L2M3J1E2A2,ALX,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000619392300,0.00000192579000
C4B3H1S1P5L2M3J1E2A3,ALX,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000513629400,0.00002646261000
C4B3H1S1P5L2M3J2E1A1,ALX,OGAB,4,12,10,13,840,15,10,MEPDG,0.00022148330000,0.00038751980000
C4B3H1S1P5L2M3J2E1A2,ALX,OGAB,4,12,10,13,840,15,10,MNAVG,0.00005202229000,0.00005023282000
C4B3H1S1P5L2M3J2E1A3,ALX,OGAB,4,12,10,13,840,15,10,MNHVY,0.00006788711000,0.00062499310000
C4B3H1S1P5L2M3J2E2A1,ALX,OGAB,4,12,10,13,840,15,40,MEPDG,0.00022148330000,0.00038751980000
C4B3H1S1P5L2M3J2E2A2,ALX,OGAB,4,12,10,13,840,15,40,MNAVG,0.00005202229000,0.00005023282000
C4B3H1S1P5L2M3J2E2A3,ALX,OGAB,4,12,10,13,840,15,40,MNHVY,0.00006788711000,0.00062499310000
C4B3H1S1P6L1M1J1E1A1,ALX,OGAB,4,12,11,12,340,12,10,MEPDG,0.39878840000000,0.13897070000000
```

```
C4B3H1S1P6L1M1J1E1A2,ALX,OGAB,4,12,11,12,340,12,10,MNAVG,0.11386680000000,0.01770774000000
C4B3H1S1P6L1M1J1E1A3,ALX,OGAB,4,12,11,12,340,12,10,MNHVY,0.17967890000000,0.22601610000000
C4B3H1S1P6L1M1J1E2A1,ALX,OGAB,4,12,11,12,340,12,40,MEPDG,0.15112560000000,0.07971194000000
C4B3H1S1P6L1M1J1E2A2,ALX,OGAB,4,12,11,12,340,12,40,MNAVG,0.04585581000000,0.00970022000000
C4B3H1S1P6L1M1J1E2A3,ALX,OGAB,4,12,11,12,340,12,40,MNHVY,0.06326527000000,0.12417030000000
C4B3H1S1P6L1M1J2E1A1,ALX,OGAB,4,12,11,12,340,15,10,MEPDG,1.63310900000000,0.57161620000000
C4B3H1S1P6L1M1J2E1A2,ALX,OGAB,4,12,11,12,340,15,10,MNAVG,0.65857860000000,0.09810925000000
C4B3H1S1P6L1M1J2E1A3,ALX,OGAB,4,12,11,12,340,15,10,MNHVY,1.36278800000000,1.10608400000000
C4B3H1S1P6L1M1J2E2A1,ALX,OGAB,4,12,11,12,340,15,40,MEPDG,0.71169420000000,0.32841040000000
C4B3H1S1P6L1M1J2E2A2,ALX,OGAB,4,12,11,12,340,15,40,MNAVG,0.30700880000000,0.05581174000000
C4B3H1S1P6L1M1J2E2A3,ALX,OGAB,4,12,11,12,340,15,40,MNHVY,0.57235020000000,0.62572960000000
C4B3H1S1P6L1M2J1E1A1,ALX,OGAB,4,12,11,12,590,12,10,MEPDG,0.00345261400000,0.00156244700000
C4B3H1S1P6L1M2J1E1A2,ALX,OGAB,4,12,11,12,590,12,10,MNAVG,0.00066482510000,0.00014700460000
C4B3H1S1P6L1M2J1E1A3,ALX,OGAB,4,12,11,12,590,12,10,MNHVY,0.00074049790000,0.00202582100000
C4B3H1S1P6L1M2J1E2A1,ALX,OGAB,4,12,11,12,590,12,40,MEPDG,0.00093541240000,0.00090750520000
C4B3H1S1P6L1M2J1E2A2,ALX,OGAB,4,12,11,12,590,12,40,MNAVG,0.00021955330000,0.00008170497000
C4B3H1S1P6L1M2J1E2A3,ALX,OGAB,4,12,11,12,590,12,40,MNHVY,0.00021149260000,0.00111788500000
C4B3H1S1P6L1M2J2E1A1,ALX,OGAB,4,12,11,12,590,15,10,MEPDG,0.02002718000000,0.01534339000000
C4B3H1S1P6L1M2J2E1A2,ALX,OGAB,4,12,11,12,590,15,10,MNAVG,0.00420597900000,0.00220358700000
C4B3H1S1P6L1M2J2E1A3,ALX,OGAB,4,12,11,12,590,15,10,MNHVY,0.00736704000000,0.02724843000000
C4B3H1S1P6L1M2J2E2A1,ALX,OGAB,4,12,11,12,590,15,40,MEPDG,0.00635891800000,0.00834992100000
C4B3H1S1P6L1M2J2E2A2,ALX,OGAB,4,12,11,12,590,15,40,MNAVG,0.00154593200000,0.00118006600000
C4B3H1S1P6L1M2J2E2A3,ALX,OGAB,4,12,11,12,590,15,40,MNHVY,0.00228953200000,0.01453631000000
C4B3H1S1P6L1M3J1E1A1,ALX,OGAB,4,12,11,12,840,12,10,MEPDG,0.00009657216000,0.00004133850000
C4B3H1S1P6L1M3J1E1A2,ALX,OGAB,4,12,11,12,840,12,10,MNAVG,0.00001532425000,0.00000303666800
C4B3H1S1P6L1M3J1E1A3,ALX,OGAB,4,12,11,12,840,12,10,MNHVY,0.00001506471000,0.00004377353000
C4B3H1S1P6L1M3J1E2A1,ALX,OGAB,4,12,11,12,840,12,40,MEPDG,0.00002128501000,0.00002572916000
C4B3H1S1P6L1M3J1E2A2,ALX,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000434517300,0.00000178338600
C4B3H1S1P6L1M3J1E2A3,ALX,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000369403100,0.00002546253000
C4B3H1S1P6L1M3J2E1A1,ALX,OGAB,4,12,11,12,840,15,10,MEPDG,0.00049757380000,0.00065133560000
C4B3H1S1P6L1M3J2E1A2,ALX,OGAB,4,12,11,12,840,15,10,MNAVG,0.00007907517000,0.00007768661000
C4B3H1S1P6L1M3J2E1A3,ALX,OGAB,4,12,11,12,840,15,10,MNHVY,0.00010154380000,0.00102378800000
C4B3H1S1P6L1M3J2E2A1,ALX,OGAB,4,12,11,12,840,15,40,MEPDG,0.00012375270000,0.00035075140000
C4B3H1S1P6L1M3J2E2A2,ALX,OGAB,4,12,11,12,840,15,40,MNAVG,0.00002475050000,0.00004103106000
C4B3H1S1P6L1M3J2E2A3,ALX,OGAB,4,12,11,12,840,15,40,MNHVY,0.00002690052000,0.00053661490000
C4B3H1S1P6L2M1J1E1A1,ALX,OGAB,4,12,11,13,340,12,10,MEPDG,0.03181832000000,0.03431698000000
C4B3H1S1P6L2M1J1E1A2,ALX,OGAB,4,12,11,13,340,12,10,MNAVG,0.00965654100000,0.00427030000000
C4B3H1S1P6L2M1J1E1A3,ALX,OGAB,4,12,11,13,340,12,10,MNHVY,0.01281518000000,0.05409224000000
C4B3H1S1P6L2M1J1E2A1,ALX,OGAB,4,12,11,13,340,12,40,MEPDG,0.03181832000000,0.03431698000000
C4B3H1S1P6L2M1J1E2A2,ALX,OGAB,4,12,11,13,340,12,40,MNAVG,0.00965654100000,0.00427030000000
C4B3H1S1P6L2M1J1E2A3,ALX,OGAB,4,12,11,13,340,12,40,MNHVY,0.01281518000000,0.05409224000000
C4B3H1S1P6L2M1J2E1A1,ALX,OGAB,4,12,11,13,340,15,10,MEPDG,0.16673600000000,0.16766360000000
C4B3H1S1P6L2M1J2E1A2,ALX,OGAB,4,12,11,13,340,15,10,MNAVG,0.07226582000000,0.02944634000000
C4B3H1S1P6L2M1J2E1A3,ALX,OGAB,4,12,11,13,340,15,10,MNHVY,0.13140410000000,0.32345140000000
C4B3H1S1P6L2M1J2E2A1,ALX,OGAB,4,12,11,13,340,15,40,MEPDG,0.16673600000000,0.16766360000000
C4B3H1S1P6L2M1J2E2A2,ALX,OGAB,4,12,11,13,340,15,40,MNAVG,0.07226582000000,0.02944634000000
C4B3H1S1P6L2M1J2E2A3,ALX,OGAB,4,12,11,13,340,15,40,MNHVY,0.13140410000000,0.32345140000000
C4B3H1S1P6L2M2J1E1A1,ALX,OGAB,4,12,11,13,590,12,10,MEPDG,0.00016973990000,0.00037532860000
C4B3H1S1P6L2M2J1E1A2,ALX,OGAB,4,12,11,13,590,12,10,MNAVG,0.00004192922000,0.00003457760000
C4B3H1S1P6L2M2J1E1A3,ALX,OGAB,4,12,11,13,590,12,10,MNHVY,0.00003874567000,0.00047034780000
```

```
C4B3H1S1P6L2M2J1E2A1,ALX,OGAB,4,12,11,13,590,12,40,MEPDG,0.00016973990000,0.00037532860000
C4B3H1S1P6L2M2J1E2A2,ALX,OGAB,4,12,11,13,590,12,40,MNAVG,0.00004192922000,0.00003457760000
C4B3H1S1P6L2M2J1E2A3,ALX,OGAB,4,12,11,13,590,12,40,MNHVY,0.00003874567000,0.00047034780000
C4B3H1S1P6L2M2J2E1A1,ALX,OGAB,4,12,11,13,590,15,10,MEPDG,0.00126856600000,0.00399029000000
C4B3H1S1P6L2M2J2E1A2,ALX,OGAB,4,12,11,13,590,15,10,MNAVG,0.00031846010000,0.00058042410000
C4B3H1S1P6L2M2J2E1A3,ALX,OGAB,4,12,11,13,590,15,10,MNHVY,0.00045011390000,0.00704945800000
C4B3H1S1P6L2M2J2E2A1,ALX,OGAB,4,12,11,13,590,15,40,MEPDG,0.00126856600000,0.00399029000000
C4B3H1S1P6L2M2J2E2A2,ALX,OGAB,4,12,11,13,590,15,40,MNAVG,0.00031846010000,0.00058042410000
C4B3H1S1P6L2M2J2E2A3,ALX,OGAB,4,12,11,13,590,15,40,MNHVY,0.00045011390000,0.00704945800000
C4B3H1S1P6L2M3J1E1A1,ALX,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000280543000,0.00001058239000
C4B3H1S1P6L2M3J1E1A2,ALX,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000067491360,0.00000074953690
C4B3H1S1P6L2M3J1E1A3,ALX,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000047933030,0.00001066651000
C4B3H1S1P6L2M3J1E2A1,ALX,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000280543000,0.00001058239000
C4B3H1S1P6L2M3J1E2A2,ALX,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000067491360,0.00000074953690
C4B3H1S1P6L2M3J1E2A3,ALX,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000047933030,0.00001066651000
C4B3H1S1P6L2M3J2E1A1,ALX,OGAB,4,12,11,13,840,15,10,MEPDG,0.00002214678000,0.00016405620000
C4B3H1S1P6L2M3J2E1A2,ALX,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000469460000,0.00001975407000
C4B3H1S1P6L2M3J2E1A3,ALX,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000489478000,0.00025584330000
C4B3H1S1P6L2M3J2E2A1,ALX,OGAB,4,12,11,13,840,15,40,MEPDG,0.00002214678000,0.00016405620000
C4B3H1S1P6L2M3J2E2A2,ALX,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000469460000,0.00001975407000
C4B3H1S1P6L2M3J2E2A3,ALX,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000489478000,0.00025584330000
C4B3H1S1P7L1M1J1E1A1,ALX,OGAB,4,12,12,12,340,12,10,MEPDG,0.10262970000000,0.06668422000000
C4B3H1S1P7L1M1J1E1A2,ALX,OGAB,4,12,12,12,340,12,10,MNAVG,0.02344147000000,0.00763857200000
C4B3H1S1P7L1M1J1E1A3,ALX,OGAB,4,12,12,12,340,12,10,MNHVY,0.03423891000000,0.10173140000000
C4B3H1S1P7L1M1J1E2A1,ALX,OGAB,4,12,12,12,340,12,40,MEPDG,0.03502399000000,0.03979770000000
C4B3H1S1P7L1M1J1E2A2,ALX,OGAB,4,12,12,12,340,12,40,MNAVG,0.00893265900000,0.00441862300000
C4B3H1S1P7L1M1J1E2A3,ALX,OGAB,4,12,12,12,340,12,40,MNHVY,0.01118306000000,0.05857579000000
C4B3H1S1P7L1M1J2E1A1,ALX,OGAB,4,12,12,12,340,15,10,MEPDG,0.45724360000000,0.33389590000000
C4B3H1S1P7L1M1J2E1A2,ALX,OGAB,4,12,12,12,340,15,10,MNAVG,0.13955560000000,0.05303109000000
C4B3H1S1P7L1M1J2E1A3,ALX,OGAB,4,12,12,12,340,15,10,MNHVY,0.28044320000000,0.62727090000000
C4B3H1S1P7L1M1J2E2A1,ALX,OGAB,4,12,12,12,340,15,40,MEPDG,0.17912120000000,0.19768980000000
C4B3H1S1P7L1M1J2E2A2,ALX,OGAB,4,12,12,12,340,15,40,MNAVG,0.05984217000000,0.03127400000000
C4B3H1S1P7L1M1J2E2A3,ALX,OGAB,4,12,12,12,340,15,40,MNHVY,0.10517710000000,0.36686160000000
C4B3H1S1P7L1M2J1E1A1,ALX,OGAB,4,12,12,12,590,12,10,MEPDG,0.00065520070000,0.00062546300000
C4B3H1S1P7L1M2J1E1A2,ALX,OGAB,4,12,12,12,590,12,10,MNAVG,0.00011156790000,0.00005408638000
C4B3H1S1P7L1M2J1E1A3,ALX,OGAB,4,12,12,12,590,12,10,MNHVY,0.00011099570000,0.00076720570000
C4B3H1S1P7L1M2J1E2A1,ALX,OGAB,4,12,12,12,590,12,40,MEPDG,0.00015703200000,0.00038803610000
C4B3H1S1P7L1M2J1E2A2,ALX,OGAB,4,12,12,12,590,12,40,MNAVG,0.00003424699000,0.00003264191000
C4B3H1S1P7L1M2J1E2A3,ALX,OGAB,4,12,12,12,590,12,40,MNHVY,0.00002927610000,0.00045838980000
C4B3H1S1P7L1M2J2E1A1,ALX,OGAB,4,12,12,12,590,15,10,MEPDG,0.00321146700000,0.00677787900000
C4B3H1S1P7L1M2J2E1A2,ALX,OGAB,4,12,12,12,590,15,10,MNAVG,0.00054700120000,0.00088602930000
C4B3H1S1P7L1M2J2E1A3,ALX,OGAB,4,12,12,12,590,15,10,MNHVY,0.00077659940000,0.01141485000000
C4B3H1S1P7L1M2J2E2A1,ALX,OGAB,4,12,12,12,590,15,40,MEPDG,0.00089446010000,0.00385326300000
C4B3H1S1P7L1M2J2E2A2,ALX,OGAB,4,12,12,12,590,15,40,MNAVG,0.00018633050000,0.00050204960000
C4B3H1S1P7L1M2J2E2A3,ALX,OGAB,4,12,12,12,590,15,40,MNHVY,0.00022297650000,0.00640009800000
C4B3H1S1P7L1M3J1E1A1,ALX,OGAB,4,12,12,12,840,12,10,MEPDG,0.00001561553000,0.00001554155000
C4B3H1S1P7L1M3J1E1A2,ALX,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000208329500,0.00000107084500
C4B3H1S1P7L1M3J1E1A3,ALX,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000175096800,0.00001582061000
C4B3H1S1P7L1M3J1E2A1,ALX,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000268698100,0.00001073481000
C4B3H1S1P7L1M3J1E2A2,ALX,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000051462680,0.00000071140660
```

```
C4B3H1S1P7L1M3J1E2A3,ALX,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000035320200,0.00001044400000
C4B3H1S1P7L1M3J2E1A1,ALX,OGAB,4,12,12,12,840,15,10,MEPDG,0.00006276389000,0.00025221460000
C4B3H1S1P7L1M3J2E1A2,ALX,OGAB,4,12,12,12,840,15,10,MNAVG,0.00000862590000,0.00002690557000
C4B3H1S1P7L1M3J2E1A3,ALX,OGAB,4,12,12,12,840,15,10,MNHVY,0.00000924855500,0.00037129030000
C4B3H1S1P7L1M3J2E2A1,ALX,OGAB,4,12,12,12,840,15,40,MEPDG,0.00001430469000,0.00014697870000
C4B3H1S1P7L1M3J2E2A2,ALX,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000257654300,0.00001557718000
C4B3H1S1P7L1M3J2E2A3,ALX,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000241365300,0.00021236470000
C4B3H1S1P7L2M1J1E1A1,ALX,OGAB,4,12,12,13,340,12,10,MEPDG,0.00703392900000,0.01765415000000
C4B3H1S1P7L2M1J1E1A2,ALX,OGAB,4,12,12,13,340,12,10,MNAVG,0.00183430700000,0.00199904800000
C4B3H1S1P7L2M1J1E1A3,ALX,OGAB,4,12,12,13,340,12,10,MNHVY,0.00218844000000,0.02628199000000
C4B3H1S1P7L2M1J1E2A1,ALX,OGAB,4,12,12,13,340,12,40,MEPDG,0.00703392900000,0.01765415000000
C4B3H1S1P7L2M1J1E2A2,ALX,OGAB,4,12,12,13,340,12,40,MNAVG,0.00183430700000,0.00199904800000
C4B3H1S1P7L2M1J1E2A3,ALX,OGAB,4,12,12,13,340,12,40,MNHVY,0.00218844000000,0.02628199000000
C4B3H1S1P7L2M1J2E1A1,ALX,OGAB,4,12,12,13,340,15,10,MEPDG,0.03959118000000,0.10260960000000
C4B3H1S1P7L2M1J2E1A2,ALX,OGAB,4,12,12,13,340,15,10,MNAVG,0.01337973000000,0.01677264000000
C4B3H1S1P7L2M1J2E1A3,ALX,OGAB,4,12,12,13,340,15,10,MNHVY,0.02267678000000,0.19296650000000
C4B3H1S1P7L2M1J2E2A1,ALX,OGAB,4,12,12,13,340,15,40,MEPDG,0.03959118000000,0.10260960000000
C4B3H1S1P7L2M1J2E2A2,ALX,OGAB,4,12,12,13,340,15,40,MNAVG,0.01337973000000,0.01677264000000
C4B3H1S1P7L2M1J2E2A3,ALX,OGAB,4,12,12,13,340,15,40,MNHVY,0.02267678000000,0.19296650000000
C4B3H1S1P7L2M2J1E1A1,ALX,OGAB,4,12,12,13,590,12,10,MEPDG,0.00002728872000,0.00016922510000
C4B3H1S1P7L2M2J1E1A2,ALX,OGAB,4,12,12,13,590,12,10,MNAVG,0.00000634798800,0.00001464452000
C4B3H1S1P7L2M2J1E1A3,ALX,OGAB,4,12,12,13,590,12,10,MNHVY,0.00000521826100,0.00020449690000
C4B3H1S1P7L2M2J1E2A1,ALX,OGAB,4,12,12,13,590,12,40,MEPDG,0.00002728872000,0.00016922510000
C4B3H1S1P7L2M2J1E2A2,ALX,OGAB,4,12,12,13,590,12,40,MNAVG,0.00000634798800,0.00001464452000
C4B3H1S1P7L2M2J1E2A3,ALX,OGAB,4,12,12,13,590,12,40,MNHVY,0.00000521826100,0.00020449690000
C4B3H1S1P7L2M2J2E1A1,ALX,OGAB,4,12,12,13,590,15,10,MEPDG,0.00016712710000,0.00190820400000
C4B3H1S1P7L2M2J2E1A2,ALX,OGAB,4,12,12,13,590,15,10,MNAVG,0.00003667015000,0.00025630990000
C4B3H1S1P7L2M2J2E1A3,ALX,OGAB,4,12,12,13,590,15,10,MNHVY,0.00004176560000,0.00322745200000
C4B3H1S1P7L2M2J2E2A1,ALX,OGAB,4,12,12,13,590,15,40,MEPDG,0.00016712710000,0.00190820400000
C4B3H1S1P7L2M2J2E2A2,ALX,OGAB,4,12,12,13,590,15,40,MNAVG,0.00003667015000,0.00025630990000
C4B3H1S1P7L2M2J2E2A3,ALX,OGAB,4,12,12,13,590,15,40,MNHVY,0.00004176560000,0.00322745200000
C4B3H1S1P7L2M3J1E1A1,ALX,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000053882040,0.00000476223500
C4B3H1S1P7L2M3J1E1A2,ALX,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000010208060,0.00000032303310
C4B3H1S1P7L2M3J1E1A3,ALX,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000007288943,0.00000473119600
C4B3H1S1P7L2M3J1E2A1,ALX,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000053882040,0.00000476223500
C4B3H1S1P7L2M3J1E2A2,ALX,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000010208060,0.00000032303310
C4B3H1S1P7L2M3J1E2A3,ALX,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000007288943,0.00000473119600
C4B3H1S1P7L2M3J2E1A1,ALX,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000243335900,0.00007091988000
C4B3H1S1P7L2M3J2E1A2,ALX,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000047112200,0.00000774056500
C4B3H1S1P7L2M3J2E1A3,ALX,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000042328020,0.00010466910000
C4B3H1S1P7L2M3J2E2A1,ALX,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000243335900,0.00007091988000
C4B3H1S1P7L2M3J2E2A2,ALX,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000047112200,0.00000774056500
C4B3H1S1P7L2M3J2E2A3,ALX,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000042328020,0.00010466910000
C4B3H2S2P1L1M1J1E1A1,ALX,OGAB,12,4,6,12,340,12,10,MEPDG,46.23851000000000,0.00000000011148
C4B3H2S2P1L1M1J1E1A2,ALX,OGAB,12,4,6,12,340,12,10,MNAVG,36.13225000000000,0.00000000000712
C4B3H2S2P1L1M1J1E1A3,ALX,OGAB,12,4,6,12,340,12,10,MNHVY,62.44233000000000,0.00000000009993
C4B3H2S2P1L1M1J1E2A1,ALX,OGAB,12,4,6,12,340,12,40,MEPDG,27.58184000000000,0.00000000005200
C4B3H2S2P1L1M1J1E2A2,ALX,OGAB,12,4,6,12,340,12,40,MNAVG,20.63855000000000,0.00000000000376
C4B3H2S2P1L1M1J1E2A3,ALX,OGAB,12,4,6,12,340,12,40,MNHVY,36.33081000000000,0.00000000005196
C4B3H2S2P1L1M1J2E1A1,ALX,OGAB,12,4,6,12,340,15,10,MEPDG,58.86897000000000,0.00000000008182
```

```
C4B3H2S2P1L1M1J2E1A2,ALX,OGAB,12,4,6,12,340,15,10,MNAVG,48.1646700000000,0.00000000000841
C4B3H2S2P1L1M1J2E1A3,ALX,OGAB,12,4,6,12,340,15,10,MNHVY,84.8967400000000,0.00000000010837
C4B3H2S2P1L1M1J2E2A1,ALX,OGAB,12,4,6,12,340,15,40,MEPDG,36.2086700000000,0.00000000004025
C4B3H2S2P1L1M1J2E2A2,ALX,OGAB,12,4,6,12,340,15,40,MNAVG,28.6127600000000,0.00000000000464
C4B3H2S2P1L1M1J2E2A3,ALX,OGAB,12,4,6,12,340,15,40,MNHVY,51.4276000000000,0.00000000005765
C4B3H2S2P1L1M2J1E1A1,ALX,OGAB,12,4,6,12,590,12,10,MEPDG,5.76490900000000,0.00000000045383
C4B3H2S2P1L1M2J1E1A2,ALX,OGAB,12,4,6,12,590,12,10,MNAVG,3.69522700000000,0.00000000005011
C4B3H2S2P1L1M2J1E1A3,ALX,OGAB,12,4,6,12,590,12,10,MNHVY,6.33229400000000,0.00000000072635
C4B3H2S2P1L1M2J1E2A1,ALX,OGAB,12,4,6,12,590,12,40,MEPDG,3.02806300000000,0.00000000059359
C4B3H2S2P1L1M2J1E2A2,ALX,OGAB,12,4,6,12,590,12,40,MNAVG,1.89967300000000,0.00000000006646
C4B3H2S2P1L1M2J1E2A3,ALX,OGAB,12,4,6,12,590,12,40,MNHVY,3.22425200000000,0.00000000094434
C4B3H2S2P1L1M2J2E1A1,ALX,OGAB,12,4,6,12,590,15,10,MEPDG,10.3643900000000,0.00000000000271
C4B3H2S2P1L1M2J2E1A2,ALX,OGAB,12,4,6,12,590,15,10,MNAVG,7.64744500000000,0.00000000000021
C4B3H2S2P1L1M2J2E1A3,ALX,OGAB,12,4,6,12,590,15,10,MNHVY,13.8626800000000,0.00000000000286
C4B3H2S2P1L1M2J2E2A1,ALX,OGAB,12,4,6,12,590,15,40,MEPDG,5.88768400000000,0.00000000000105
C4B3H2S2P1L1M2J2E2A2,ALX,OGAB,12,4,6,12,590,15,40,MNAVG,4.33455300000000,0.00000000000010
C4B3H2S2P1L1M2J2E2A3,ALX,OGAB,12,4,6,12,590,15,40,MNHVY,7.83342100000000,0.00000000000126
C4B3H2S2P1L1M3J1E1A1,ALX,OGAB,12,4,6,12,840,12,10,MEPDG,0.84323750000000,0.00000000000116
C4B3H2S2P1L1M3J1E1A2,ALX,OGAB,12,4,6,12,840,12,10,MNAVG,0.41678480000000,0.00000000000004
C4B3H2S2P1L1M3J1E1A3,ALX,OGAB,12,4,6,12,840,12,10,MNHVY,0.70054660000000,0.00000000000063
C4B3H2S2P1L1M3J1E2A1,ALX,OGAB,12,4,6,12,840,12,40,MEPDG,0.38853530000000,0.00000000000052
C4B3H2S2P1L1M3J1E2A2,ALX,OGAB,12,4,6,12,840,12,40,MNAVG,0.19122290000000,0.00000000000002
C4B3H2S2P1L1M3J1E2A3,ALX,OGAB,12,4,6,12,840,12,40,MNHVY,0.30922560000000,0.00000000000030
C4B3H2S2P1L1M3J2E1A1,ALX,OGAB,12,4,6,12,840,15,10,MEPDG,2.10617600000000,0.00000000001131
C4B3H2S2P1L1M3J2E1A2,ALX,OGAB,12,4,6,12,840,15,10,MNAVG,1.32859300000000,0.00000000000082
C4B3H2S2P1L1M3J2E1A3,ALX,OGAB,12,4,6,12,840,15,10,MNHVY,2.55082400000000,0.00000000001187
C4B3H2S2P1L1M3J2E2A1,ALX,OGAB,12,4,6,12,840,15,40,MEPDG,1.07397700000000,0.00000000000555
C4B3H2S2P1L1M3J2E2A2,ALX,OGAB,12,4,6,12,840,15,40,MNAVG,0.68969130000000,0.00000000000044
C4B3H2S2P1L1M3J2E2A3,ALX,OGAB,12,4,6,12,840,15,40,MNHVY,1.28820200000000,0.00000000000628
C4B3H2S2P1L2M1J1E1A1,ALX,OGAB,12,4,6,13,340,12,10,MEPDG,7.03258300000000,0.00000000001836
C4B3H2S2P1L2M1J1E1A2,ALX,OGAB,12,4,6,13,340,12,10,MNAVG,5.10410500000000,0.00000000000148
C4B3H2S2P1L2M1J1E1A3,ALX,OGAB,12,4,6,13,340,12,10,MNHVY,9.08513400000000,0.00000000002008
C4B3H2S2P1L2M1J1E2A1,ALX,OGAB,12,4,6,13,340,12,40,MEPDG,7.03258300000000,0.00000000001836
C4B3H2S2P1L2M1J1E2A2,ALX,OGAB,12,4,6,13,340,12,40,MNAVG,5.10410500000000,0.00000000000148
C4B3H2S2P1L2M1J1E2A3,ALX,OGAB,12,4,6,13,340,12,40,MNHVY,9.08513400000000,0.00000000002008
C4B3H2S2P1L2M1J2E1A1,ALX,OGAB,12,4,6,13,340,15,10,MEPDG,9.53050400000000,0.00000000001635
C4B3H2S2P1L2M1J2E1A2,ALX,OGAB,12,4,6,13,340,15,10,MNAVG,7.38157900000000,0.00000000000212
C4B3H2S2P1L2M1J2E1A3,ALX,OGAB,12,4,6,13,340,15,10,MNHVY,13.3734100000000,0.00000000002533
C4B3H2S2P1L2M1J2E2A1,ALX,OGAB,12,4,6,13,340,15,40,MEPDG,9.53050400000000,0.00000000001635
C4B3H2S2P1L2M1J2E2A2,ALX,OGAB,12,4,6,13,340,15,40,MNAVG,7.38157900000000,0.00000000000212
C4B3H2S2P1L2M1J2E2A3,ALX,OGAB,12,4,6,13,340,15,40,MNHVY,13.3734100000000,0.00000000002533
C4B3H2S2P1L2M2J1E1A1,ALX,OGAB,12,4,6,13,590,12,10,MEPDG,0.73651000000000,0.00000000023755
C4B3H2S2P1L2M2J1E1A2,ALX,OGAB,12,4,6,13,590,12,10,MNAVG,0.45068140000000,0.00000000002763
C4B3H2S2P1L2M2J1E1A3,ALX,OGAB,12,4,6,13,590,12,10,MNHVY,0.77353970000000,0.00000000038905
C4B3H2S2P1L2M2J1E2A1,ALX,OGAB,12,4,6,13,590,12,40,MEPDG,0.73651000000000,0.00000000023755
C4B3H2S2P1L2M2J1E2A2,ALX,OGAB,12,4,6,13,590,12,40,MNAVG,0.45068140000000,0.00000000002763
C4B3H2S2P1L2M2J1E2A3,ALX,OGAB,12,4,6,13,590,12,40,MNHVY,0.77353970000000,0.00000000038905
C4B3H2S2P1L2M2J2E1A1,ALX,OGAB,12,4,6,13,590,15,10,MEPDG,1.54333800000000,0.00000000000043
C4B3H2S2P1L2M2J2E1A2,ALX,OGAB,12,4,6,13,590,15,10,MNAVG,1.13447900000000,0.00000000000004
C4B3H2S2P1L2M2J2E1A3,ALX,OGAB,12,4,6,13,590,15,10,MNHVY,2.06536900000000,0.00000000000056
```

```
C4B3H2S2P1L2M2J2E2A1,ALX,OGAB,12,4,6,13,590,15,40,MEPDG,1.54333800000000,0.00000000000043
C4B3H2S2P1L2M2J2E2A2,ALX,OGAB,12,4,6,13,590,15,40,MNAVG,1.13447900000000,0.00000000000004
C4B3H2S2P1L2M2J2E2A3,ALX,OGAB,12,4,6,13,590,15,40,MNHVY,2.06536900000000,0.00000000000056
C4B3H2S2P1L2M3J1E1A1,ALX,OGAB,12,4,6,13,840,12,10,MEPDG,0.08871902000000,0.00000000000016
C4B3H2S2P1L2M3J1E1A2,ALX,OGAB,12,4,6,13,840,12,10,MNAVG,0.04262613000000,0.00000000000001
C4B3H2S2P1L2M3J1E1A3,ALX,OGAB,12,4,6,13,840,12,10,MNHVY,0.06936687000000,0.00000000000009
C4B3H2S2P1L2M3J1E2A1,ALX,OGAB,12,4,6,13,840,12,40,MEPDG,0.08871902000000,0.00000000000016
C4B3H2S2P1L2M3J1E2A2,ALX,OGAB,12,4,6,13,840,12,40,MNAVG,0.04262613000000,0.00000000000001
C4B3H2S2P1L2M3J1E2A3,ALX,OGAB,12,4,6,13,840,12,40,MNHVY,0.06936687000000,0.00000000000009
C4B3H2S2P1L2M3J2E1A1,ALX,OGAB,12,4,6,13,840,15,10,MEPDG,0.27044340000000,0.00000000000197
C4B3H2S2P1L2M3J2E1A2,ALX,OGAB,12,4,6,13,840,15,10,MNAVG,0.17382810000000,0.00000000000017
C4B3H2S2P1L2M3J2E1A3,ALX,OGAB,12,4,6,13,840,15,10,MNHVY,0.32773720000000,0.00000000000238
C4B3H2S2P1L2M3J2E2A1,ALX,OGAB,12,4,6,13,840,15,40,MEPDG,0.27044340000000,0.00000000000197
C4B3H2S2P1L2M3J2E2A2,ALX,OGAB,12,4,6,13,840,15,40,MNAVG,0.17382810000000,0.00000000000017
C4B3H2S2P1L2M3J2E2A3,ALX,OGAB,12,4,6,13,840,15,40,MNHVY,0.32773720000000,0.00000000000238
C4B3H2S2P2L1M1J1E1A1,ALX,OGAB,12,4,7,12,340,12,10,MEPDG,25.18244000000000,0.00017367730000
C4B3H2S2P2L1M1J1E1A2,ALX,OGAB,12,4,7,12,340,12,10,MNAVG,18.34627000000000,0.00003600032000
C4B3H2S2P2L1M1J1E1A3,ALX,OGAB,12,4,7,12,340,12,10,MNHVY,32.62875000000000,0.00035327650000
C4B3H2S2P2L1M1J1E2A1,ALX,OGAB,12,4,7,12,340,12,40,MEPDG,14.26145000000000,0.00009597243000
C4B3H2S2P2L1M1J1E2A2,ALX,OGAB,12,4,7,12,340,12,40,MNAVG,10.19269000000000,0.00001925956000
C4B3H2S2P2L1M1J1E2A3,ALX,OGAB,12,4,7,12,340,12,40,MNHVY,18.03094000000000,0.00019142750000
C4B3H2S2P2L1M1J2E1A1,ALX,OGAB,12,4,7,12,340,15,10,MEPDG,41.70124000000000,0.00027574120000
C4B3H2S2P2L1M1J2E1A2,ALX,OGAB,12,4,7,12,340,15,10,MNAVG,33.50559000000000,0.00006420670000
C4B3H2S2P2L1M1J2E1A3,ALX,OGAB,12,4,7,12,340,15,10,MNHVY,61.71762000000000,0.00056739850000
C4B3H2S2P2L1M1J2E2A1,ALX,OGAB,12,4,7,12,340,15,40,MEPDG,25.23561000000000,0.00021125240000
C4B3H2S2P2L1M1J2E2A2,ALX,OGAB,12,4,7,12,340,15,40,MNAVG,20.17459000000000,0.00004872206000
C4B3H2S2P2L1M1J2E2A3,ALX,OGAB,12,4,7,12,340,15,40,MNHVY,37.10950000000000,0.00043081680000
C4B3H2S2P2L1M2J1E1A1,ALX,OGAB,12,4,7,12,590,12,10,MEPDG,1.68989600000000,0.00002650698000
C4B3H2S2P2L1M2J1E1A2,ALX,OGAB,12,4,7,12,590,12,10,MNAVG,0.86010040000000,0.00000478274600
C4B3H2S2P2L1M2J1E1A3,ALX,OGAB,12,4,7,12,590,12,10,MNHVY,1.49868500000000,0.00005089875000
C4B3H2S2P2L1M2J1E2A1,ALX,OGAB,12,4,7,12,590,12,40,MEPDG,0.78969560000000,0.00002107209000
C4B3H2S2P2L1M2J1E2A2,ALX,OGAB,12,4,7,12,590,12,40,MNAVG,0.40363540000000,0.00000347365100
C4B3H2S2P2L1M2J1E2A3,ALX,OGAB,12,4,7,12,590,12,40,MNHVY,0.66839130000000,0.00003846553000
C4B3H2S2P2L1M2J2E1A1,ALX,OGAB,12,4,7,12,590,15,10,MEPDG,4.50674700000000,0.00014974590000
C4B3H2S2P2L1M2J2E1A2,ALX,OGAB,12,4,7,12,590,15,10,MNAVG,2.89097700000000,0.00003217407000
C4B3H2S2P2L1M2J2E1A3,ALX,OGAB,12,4,7,12,590,15,10,MNHVY,5.67726200000000,0.00030644730000
C4B3H2S2P2L1M2J2E2A1,ALX,OGAB,12,4,7,12,590,15,40,MEPDG,2.35369900000000,0.00009107692000
C4B3H2S2P2L1M2J2E2A2,ALX,OGAB,12,4,7,12,590,15,40,MNAVG,1.54854600000000,0.00001877900000
C4B3H2S2P2L1M2J2E2A3,ALX,OGAB,12,4,7,12,590,15,40,MNHVY,2.93417100000000,0.00018294370000
C4B3H2S2P2L1M3J1E1A1,ALX,OGAB,12,4,7,12,840,12,10,MEPDG,0.16844520000000,0.00000438213900
C4B3H2S2P2L1M3J1E1A2,ALX,OGAB,12,4,7,12,840,12,10,MNAVG,0.06085929000000,0.00000058926120
C4B3H2S2P2L1M3J1E1A3,ALX,OGAB,12,4,7,12,840,12,10,MNHVY,0.10037460000000,0.00000715968400
C4B3H2S2P2L1M3J1E2A1,ALX,OGAB,12,4,7,12,840,12,40,MEPDG,0.06682523000000,0.00000743819000
C4B3H2S2P2L1M3J1E2A2,ALX,OGAB,12,4,7,12,840,12,40,MNAVG,0.02493432000000,0.00000083636110
C4B3H2S2P2L1M3J1E2A3,ALX,OGAB,12,4,7,12,840,12,40,MNHVY,0.03777256000000,0.00001076748000
C4B3H2S2P2L1M3J2E1A1,ALX,OGAB,12,4,7,12,840,15,10,MEPDG,0.69086030000000,0.00002367025000
C4B3H2S2P2L1M3J2E1A2,ALX,OGAB,12,4,7,12,840,15,10,MNAVG,0.34427110000000,0.00000424713800
C4B3H2S2P2L1M3J2E1A3,ALX,OGAB,12,4,7,12,840,15,10,MNHVY,0.74026560000000,0.00004611526000
C4B3H2S2P2L1M3J2E2A1,ALX,OGAB,12,4,7,12,840,15,40,MEPDG,0.31248490000000,0.00002088134000
C4B3H2S2P2L1M3J2E2A2,ALX,OGAB,12,4,7,12,840,15,40,MNAVG,0.16328760000000,0.00000344444300
```

```
C4B3H2S2P2L1M3J2E2A3,ALX,OGAB,12,4,7,12,840,15,40,MNHVY,0.32735170000000,0.00003875005000
C4B3H2S2P2L2M1J1E1A1,ALX,OGAB,12,4,7,13,340,12,10,MEPDG,3.62932300000000,0.00004609906000
C4B3H2S2P2L2M1J1E1A2,ALX,OGAB,12,4,7,13,340,12,10,MNAVG,2.53934700000000,0.00000952520300
C4B3H2S2P2L2M1J1E1A3,ALX,OGAB,12,4,7,13,340,12,10,MNHVY,4.51805900000000,0.00009260727000
C4B3H2S2P2L2M1J1E2A1,ALX,OGAB,12,4,7,13,340,12,40,MEPDG,3.62932300000000,0.00004609906000
C4B3H2S2P2L2M1J1E2A2,ALX,OGAB,12,4,7,13,340,12,40,MNAVG,2.53934700000000,0.00000952520300
C4B3H2S2P2L2M1J1E2A3,ALX,OGAB,12,4,7,13,340,12,40,MNHVY,4.51805900000000,0.00009260727000
C4B3H2S2P2L2M1J2E1A1,ALX,OGAB,12,4,7,13,340,15,10,MEPDG,6.90955000000000,0.00012675020000
C4B3H2S2P2L2M1J2E1A2,ALX,OGAB,12,4,7,13,340,15,10,MNAVG,5.51194400000000,0.00002989354000
C4B3H2S2P2L2M1J2E1A3,ALX,OGAB,12,4,7,13,340,15,10,MNHVY,10.15134000000000,0.00025869730000
C4B3H2S2P2L2M1J2E2A1,ALX,OGAB,12,4,7,13,340,15,40,MEPDG,6.90955000000000,0.00012675020000
C4B3H2S2P2L2M1J2E2A2,ALX,OGAB,12,4,7,13,340,15,40,MNAVG,5.51194400000000,0.00002989354000
C4B3H2S2P2L2M1J2E2A3,ALX,OGAB,12,4,7,13,340,15,40,MNHVY,10.15134000000000,0.00025869730000
C4B3H2S2P2L2M2J1E1A1,ALX,OGAB,12,4,7,13,590,12,10,MEPDG,0.18285880000000,0.00001014844000
C4B3H2S2P2L2M2J1E1A2,ALX,OGAB,12,4,7,13,590,12,10,MNAVG,0.09152549000000,0.00000169273800
C4B3H2S2P2L2M2J1E1A3,ALX,OGAB,12,4,7,13,590,12,10,MNHVY,0.15137590000000,0.00001855714000
C4B3H2S2P2L2M2J1E2A1,ALX,OGAB,12,4,7,13,590,12,40,MEPDG,0.18285880000000,0.00001014844000
C4B3H2S2P2L2M2J1E2A2,ALX,OGAB,12,4,7,13,590,12,40,MNAVG,0.09152549000000,0.00000169273800
C4B3H2S2P2L2M2J1E2A3,ALX,OGAB,12,4,7,13,590,12,40,MNHVY,0.15137590000000,0.00001855714000
C4B3H2S2P2L2M2J2E1A1,ALX,OGAB,12,4,7,13,590,15,10,MEPDG,0.60624520000000,0.00004482366000
C4B3H2S2P2L2M2J2E1A2,ALX,OGAB,12,4,7,13,590,15,10,MNAVG,0.40000230000000,0.00000934018600
C4B3H2S2P2L2M2J2E1A3,ALX,OGAB,12,4,7,13,590,15,10,MNHVY,0.75869440000000,0.00009014424000
C4B3H2S2P2L2M2J2E2A1,ALX,OGAB,12,4,7,13,590,15,40,MEPDG,0.60624520000000,0.00004482366000
C4B3H2S2P2L2M2J2E2A2,ALX,OGAB,12,4,7,13,590,15,40,MNAVG,0.40000230000000,0.00000934018600
C4B3H2S2P2L2M2J2E2A3,ALX,OGAB,12,4,7,13,590,15,40,MNHVY,0.75869440000000,0.00009014424000
C4B3H2S2P2L2M3J1E1A1,ALX,OGAB,12,4,7,13,840,12,10,MEPDG,0.01436986000000,0.00000087579130
C4B3H2S2P2L2M3J1E1A2,ALX,OGAB,12,4,7,13,840,12,10,MNAVG,0.00529977800000,0.00000009622086
C4B3H2S2P2L2M3J1E1A3,ALX,OGAB,12,4,7,13,840,12,10,MNHVY,0.00794429500000,0.00000123409800
C4B3H2S2P2L2M3J1E2A1,ALX,OGAB,12,4,7,13,840,12,40,MEPDG,0.01436986000000,0.00000087579130
C4B3H2S2P2L2M3J1E2A2,ALX,OGAB,12,4,7,13,840,12,40,MNAVG,0.00529977800000,0.00000009622086
C4B3H2S2P2L2M3J1E2A3,ALX,OGAB,12,4,7,13,840,12,40,MNHVY,0.00794429500000,0.00000123409800
C4B3H2S2P2L2M3J2E1A1,ALX,OGAB,12,4,7,13,840,15,10,MEPDG,0.07537963000000,0.00023548570000
C4B3H2S2P2L2M3J2E1A2,ALX,OGAB,12,4,7,13,840,15,10,MNAVG,0.03946520000000,0.00003924321000
C4B3H2S2P2L2M3J2E1A3,ALX,OGAB,12,4,7,13,840,15,10,MNHVY,0.07901622000000,0.00042572830000
C4B3H2S2P2L2M3J2E2A1,ALX,OGAB,12,4,7,13,840,15,40,MEPDG,0.07537963000000,0.00023548570000
C4B3H2S2P2L2M3J2E2A2,ALX,OGAB,12,4,7,13,840,15,40,MNAVG,0.03946520000000,0.00003924321000
C4B3H2S2P2L2M3J2E2A3,ALX,OGAB,12,4,7,13,840,15,40,MNHVY,0.07901622000000,0.00042572830000
C4B3H2S2P3L1M1J1E1A1,ALX,OGAB,12,4,8,12,340,12,10,MEPDG,10.01082000000000,0.00118381800000
C4B3H2S2P3L1M1J1E1A2,ALX,OGAB,12,4,8,12,340,12,10,MNAVG,6.14803100000000,0.00024712470000
C4B3H2S2P3L1M1J1E1A3,ALX,OGAB,12,4,8,12,340,12,10,MNHVY,11.14927000000000,0.00243541800000
C4B3H2S2P3L1M1J1E2A1,ALX,OGAB,12,4,8,12,340,12,40,MEPDG,5.18620200000000,0.00062886030000
C4B3H2S2P3L1M1J1E2A2,ALX,OGAB,12,4,8,12,340,12,40,MNAVG,3.18655200000000,0.00012753030000
C4B3H2S2P3L1M1J1E2A3,ALX,OGAB,12,4,8,12,340,12,40,MNHVY,5.56940600000000,0.00127357300000
C4B3H2S2P3L1M1J2E1A1,ALX,OGAB,12,4,8,12,340,15,10,MEPDG,22.17367000000000,0.00409851200000
C4B3H2S2P3L1M1J2E1A2,ALX,OGAB,12,4,8,12,340,15,10,MNAVG,16.12073000000000,0.00095704060000
C4B3H2S2P3L1M1J2E1A3,ALX,OGAB,12,4,8,12,340,15,10,MNHVY,31.31444000000000,0.00851566300000
C4B3H2S2P3L1M1J2E2A1,ALX,OGAB,12,4,8,12,340,15,40,MEPDG,12.65959000000000,0.00246766200000
C4B3H2S2P3L1M1J2E2A2,ALX,OGAB,12,4,8,12,340,15,40,MNAVG,9.37899200000000,0.00057065980000
C4B3H2S2P3L1M1J2E2A3,ALX,OGAB,12,4,8,12,340,15,40,MNHVY,17.75458000000000,0.00508337000000
C4B3H2S2P3L1M2J1E1A1,ALX,OGAB,12,4,8,12,590,12,10,MEPDG,0.40307350000000,0.00009044603000
```

```
C4B3H2S2P3L1M2J1E1A2,ALX,OGAB,12,4,8,12,590,12,10,MNAVG,0.15203240000000,0.00001580177000
C4B3H2S2P3L1M2J1E1A3,ALX,OGAB,12,4,8,12,590,12,10,MNHVY,0.25941400000000,0.00017348580000
C4B3H2S2P3L1M2J1E2A1,ALX,OGAB,12,4,8,12,590,12,40,MEPDG,0.16441630000000,0.00005070895000
C4B3H2S2P3L1M2J1E2A2,ALX,OGAB,12,4,8,12,590,12,40,MNAVG,0.06419307000000,0.00000815096800
C4B3H2S2P3L1M2J1E2A3,ALX,OGAB,12,4,8,12,590,12,40,MNHVY,0.09946105000000,0.00009261335000
C4B3H2S2P3L1M2J2E1A1,ALX,OGAB,12,4,8,12,590,15,10,MEPDG,1.62831200000000,0.00335529700000
C4B3H2S2P3L1M2J2E1A2,ALX,OGAB,12,4,8,12,590,15,10,MNAVG,0.83949530000000,0.00068865780000
C4B3H2S2P3L1M2J2E1A3,ALX,OGAB,12,4,8,12,590,15,10,MNHVY,1.80710300000000,0.00682509900000
C4B3H2S2P3L1M2J2E2A1,ALX,OGAB,12,4,8,12,590,15,40,MEPDG,0.76391200000000,0.00030178770000
C4B3H2S2P3L1M2J2E2A2,ALX,OGAB,12,4,8,12,590,15,40,MNAVG,0.41468500000000,0.00006070057000
C4B3H2S2P3L1M2J2E2A3,ALX,OGAB,12,4,8,12,590,15,40,MNHVY,0.82988420000000,0.00061209330000
C4B3H2S2P3L1M3J1E1A1,ALX,OGAB,12,4,8,12,840,12,10,MEPDG,0.02590827000000,0.00000586440100
C4B3H2S2P3L1M3J1E1A2,ALX,OGAB,12,4,8,12,840,12,10,MNAVG,0.00687476700000,0.00000075265650
C4B3H2S2P3L1M3J1E1A3,ALX,OGAB,12,4,8,12,840,12,10,MNHVY,0.00999246400000,0.00000929179100
C4B3H2S2P3L1M3J1E2A1,ALX,OGAB,12,4,8,12,840,12,40,MEPDG,0.00865340700000,0.00000663302500
C4B3H2S2P3L1M3J1E2A2,ALX,OGAB,12,4,8,12,840,12,40,MNAVG,0.00251239900000,0.00000072634750
C4B3H2S2P3L1M3J1E2A3,ALX,OGAB,12,4,8,12,840,12,40,MNHVY,0.00322407300000,0.00000930407400
C4B3H2S2P3L1M3J2E1A1,ALX,OGAB,12,4,8,12,840,15,10,MEPDG,0.16860780000000,0.00145348500000
C4B3H2S2P3L1M3J2E1A2,ALX,OGAB,12,4,8,12,840,15,10,MNAVG,0.06064329000000,0.00024657670000
C4B3H2S2P3L1M3J2E1A3,ALX,OGAB,12,4,8,12,840,15,10,MNHVY,0.14113980000000,0.00274343600000
C4B3H2S2P3L1M3J2E2A1,ALX,OGAB,12,4,8,12,840,15,40,MEPDG,0.06587450000000,0.00001503133000
C4B3H2S2P3L1M3J2E2A2,ALX,OGAB,12,4,8,12,840,15,40,MNAVG,0.02563738000000,0.00000236399700
C4B3H2S2P3L1M3J2E2A3,ALX,OGAB,12,4,8,12,840,15,40,MNHVY,0.05293147000000,0.00002755001000
C4B3H2S2P3L2M1J1E1A1,ALX,OGAB,12,4,8,13,340,12,10,MEPDG,1.27217000000000,0.00030853930000
C4B3H2S2P3L2M1J1E1A2,ALX,OGAB,12,4,8,13,340,12,10,MNAVG,0.76599740000000,0.00006380155000
C4B3H2S2P3L2M1J1E1A3,ALX,OGAB,12,4,8,13,340,12,10,MNHVY,1.33611000000000,0.00062696920000
C4B3H2S2P3L2M1J1E2A1,ALX,OGAB,12,4,8,13,340,12,40,MEPDG,1.27217000000000,0.00030853930000
C4B3H2S2P3L2M1J1E2A2,ALX,OGAB,12,4,8,13,340,12,40,MNAVG,0.76599740000000,0.00006380155000
C4B3H2S2P3L2M1J1E2A3,ALX,OGAB,12,4,8,13,340,12,40,MNHVY,1.33611000000000,0.00062696920000
C4B3H2S2P3L2M1J2E1A1,ALX,OGAB,12,4,8,13,340,15,10,MEPDG,3.44695800000000,0.00144895900000
C4B3H2S2P3L2M1J2E1A2,ALX,OGAB,12,4,8,13,340,15,10,MNAVG,2.56432900000000,0.00034095550000
C4B3H2S2P3L2M1J2E1A3,ALX,OGAB,12,4,8,13,340,15,10,MNHVY,4.83746700000000,0.00298088300000
C4B3H2S2P3L2M1J2E2A1,ALX,OGAB,12,4,8,13,340,15,40,MEPDG,3.44695800000000,0.00144895900000
C4B3H2S2P3L2M1J2E2A2,ALX,OGAB,12,4,8,13,340,15,40,MNAVG,2.56432900000000,0.00034095550000
C4B3H2S2P3L2M1J2E2A3,ALX,OGAB,12,4,8,13,340,15,40,MNHVY,4.83746700000000,0.00298088300000
C4B3H2S2P3L2M2J1E1A1,ALX,OGAB,12,4,8,13,590,12,10,MEPDG,0.03586828000000,0.00002132887000
C4B3H2S2P3L2M2J1E1A2,ALX,OGAB,12,4,8,13,590,12,10,MNAVG,0.01383484000000,0.00000345094900
C4B3H2S2P3L2M2J1E1A3,ALX,OGAB,12,4,8,13,590,12,10,MNHVY,0.02106177000000,0.00003889191000
C4B3H2S2P3L2M2J1E2A1,ALX,OGAB,12,4,8,13,590,12,40,MEPDG,0.03586828000000,0.00002132887000
C4B3H2S2P3L2M2J1E2A2,ALX,OGAB,12,4,8,13,590,12,40,MNAVG,0.01383484000000,0.00000345094900
C4B3H2S2P3L2M2J1E2A3,ALX,OGAB,12,4,8,13,590,12,40,MNHVY,0.02106177000000,0.00003889191000
C4B3H2S2P3L2M2J2E1A1,ALX,OGAB,12,4,8,13,590,15,10,MEPDG,0.18918070000000,0.00015811690000
C4B3H2S2P3L2M2J2E1A2,ALX,OGAB,12,4,8,13,590,15,10,MNAVG,0.10319840000000,0.00003216506000
C4B3H2S2P3L2M2J2E1A3,ALX,OGAB,12,4,8,13,590,15,10,MNHVY,0.20499210000000,0.00032058700000
C4B3H2S2P3L2M2J2E2A1,ALX,OGAB,12,4,8,13,590,15,40,MEPDG,0.18918070000000,0.00015811690000
C4B3H2S2P3L2M2J2E2A2,ALX,OGAB,12,4,8,13,590,15,40,MNAVG,0.10319840000000,0.00003216506000
C4B3H2S2P3L2M2J2E2A3,ALX,OGAB,12,4,8,13,590,15,40,MNHVY,0.20499210000000,0.00032058700000
C4B3H2S2P3L2M3J1E1A1,ALX,OGAB,12,4,8,13,840,12,10,MEPDG,0.00171780800000,0.00000374537900
C4B3H2S2P3L2M3J1E1A2,ALX,OGAB,12,4,8,13,840,12,10,MNAVG,0.00050417820000,0.00000040251470
C4B3H2S2P3L2M3J1E1A3,ALX,OGAB,12,4,8,13,840,12,10,MNHVY,0.00062674380000,0.00000514826500
```

```
C4B3H2S2P3L2M3J1E2A1,ALX,OGAB,12,4,8,13,840,12,40,MEPDG,0.00171780800000,0.00000374537900
C4B3H2S2P3L2M3J1E2A2,ALX,OGAB,12,4,8,13,840,12,40,MNAVG,0.00050417820000,0.00000040251470
C4B3H2S2P3L2M3J1E2A3,ALX,OGAB,12,4,8,13,840,12,40,MNHVY,0.00062674380000,0.00000514826500
C4B3H2S2P3L2M3J2E1A1,ALX,OGAB,12,4,8,13,840,15,10,MEPDG,0.01488703000000,0.00000601620800
C4B3H2S2P3L2M3J2E1A2,ALX,OGAB,12,4,8,13,840,15,10,MNAVG,0.00582797100000,0.00000094474110
C4B3H2S2P3L2M3J2E1A3,ALX,OGAB,12,4,8,13,840,15,10,MNHVY,0.01182580000000,0.00001095725000
C4B3H2S2P3L2M3J2E2A1,ALX,OGAB,12,4,8,13,840,15,40,MEPDG,0.01488703000000,0.00000601620800
C4B3H2S2P3L2M3J2E2A2,ALX,OGAB,12,4,8,13,840,15,40,MNAVG,0.00582797100000,0.00000094474110
C4B3H2S2P3L2M3J2E2A3,ALX,OGAB,12,4,8,13,840,15,40,MNHVY,0.01182580000000,0.00001095725000
C4B3H2S2P4L1M1J1E1A1,ALX,OGAB,12,4,9,12,340,12,10,MEPDG,3.33600000000000,0.00190069900000
C4B3H2S2P4L1M1J1E1A2,ALX,OGAB,12,4,9,12,340,12,10,MNAVG,1.63204600000000,0.00038744930000
C4B3H2S2P4L1M1J1E1A3,ALX,OGAB,12,4,9,12,340,12,10,MNHVY,2.95186700000000,0.00393836000000
C4B3H2S2P4L1M1J1E2A1,ALX,OGAB,12,4,9,12,340,12,40,MEPDG,1.56520800000000,0.00115683900000
C4B3H2S2P4L1M1J1E2A2,ALX,OGAB,12,4,9,12,340,12,40,MNAVG,0.77993400000000,0.00023048010000
C4B3H2S2P4L1M1J1E2A3,ALX,OGAB,12,4,9,12,340,12,40,MNHVY,1.31658500000000,0.00235910900000
C4B3H2S2P4L1M1J2E1A1,ALX,OGAB,12,4,9,12,340,15,10,MEPDG,9.74994200000000,0.00743129600000
C4B3H2S2P4L1M1J2E1A2,ALX,OGAB,12,4,9,12,340,15,10,MNAVG,6.13594100000000,0.00171485300000
C4B3H2S2P4L1M1J2E1A3,ALX,OGAB,12,4,9,12,340,15,10,MNHVY,12.53374000000000,0.01557660000000
C4B3H2S2P4L1M1J2E2A1,ALX,OGAB,12,4,9,12,340,15,40,MEPDG,5.16928000000000,0.00478962500000
C4B3H2S2P4L1M1J2E2A2,ALX,OGAB,12,4,9,12,340,15,40,MNAVG,3.38216400000000,0.00109718500000
C4B3H2S2P4L1M1J2E2A3,ALX,OGAB,12,4,9,12,340,15,40,MNHVY,6.57752700000000,0.00995736600000
C4B3H2S2P4L1M2J1E1A1,ALX,OGAB,12,4,9,12,590,12,10,MEPDG,0.07773995000000,0.00006339912000
C4B3H2S2P4L1M2J1E1A2,ALX,OGAB,12,4,9,12,590,12,10,MNAVG,0.02175407000000,0.00001028980000
C4B3H2S2P4L1M2J1E1A3,ALX,OGAB,12,4,9,12,590,12,10,MNHVY,0.03343866000000,0.00011938690000
C4B3H2S2P4L1M2J1E2A1,ALX,OGAB,12,4,9,12,590,12,40,MEPDG,0.02752361000000,0.00003065815000
C4B3H2S2P4L1M2J1E2A2,ALX,OGAB,12,4,9,12,590,12,40,MNAVG,0.00831661700000,0.00000465123100
C4B3H2S2P4L1M2J1E2A3,ALX,OGAB,12,4,9,12,590,12,40,MNHVY,0.01124881000000,0.00005488473000
C4B3H2S2P4L1M2J2E1A1,ALX,OGAB,12,4,9,12,590,15,10,MEPDG,0.43707530000000,0.00061022180000
C4B3H2S2P4L1M2J2E1A2,ALX,OGAB,12,4,9,12,590,15,10,MNAVG,0.17111690000000,0.00012196220000
C4B3H2S2P4L1M2J2E1A3,ALX,OGAB,12,4,9,12,590,15,10,MNHVY,0.38424830000000,0.00126156300000
C4B3H2S2P4L1M2J2E2A1,ALX,OGAB,12,4,9,12,590,15,40,MEPDG,0.18190710000000,0.00029015170000
C4B3H2S2P4L1M2J2E2A2,ALX,OGAB,12,4,9,12,590,15,40,MNAVG,0.07677630000000,0.00005607056000
C4B3H2S2P4L1M2J2E2A3,ALX,OGAB,12,4,9,12,590,15,40,MNHVY,0.15463180000000,0.00058818030000
C4B3H2S2P4L1M3J1E1A1,ALX,OGAB,12,4,9,12,840,12,10,MEPDG,0.00337270100000,0.00001621265000
C4B3H2S2P4L1M3J1E1A2,ALX,OGAB,12,4,9,12,840,12,10,MNAVG,0.00074060650000,0.00000186501100
C4B3H2S2P4L1M3J1E1A3,ALX,OGAB,12,4,9,12,840,12,10,MNHVY,0.00087735020000,0.00002402965000
C4B3H2S2P4L1M3J1E2A1,ALX,OGAB,12,4,9,12,840,12,40,MEPDG,0.00096002730000,0.00001471207000
C4B3H2S2P4L1M3J1E2A2,ALX,OGAB,12,4,9,12,840,12,40,MNAVG,0.00024635600000,0.00000147980000
C4B3H2S2P4L1M3J1E2A3,ALX,OGAB,12,4,9,12,840,12,40,MNHVY,0.00025740530000,0.00001942461000
C4B3H2S2P4L1M3J2E1A1,ALX,OGAB,12,4,9,12,840,15,10,MEPDG,0.02908507000000,0.00004245519000
C4B3H2S2P4L1M3J2E1A2,ALX,OGAB,12,4,9,12,840,15,10,MNAVG,0.00748294700000,0.00000679476900
C4B3H2S2P4L1M3J2E1A3,ALX,OGAB,12,4,9,12,840,15,10,MNHVY,0.01676183000000,0.00008004919000
C4B3H2S2P4L1M3J2E2A1,ALX,OGAB,12,4,9,12,840,15,40,MEPDG,0.00982616700000,0.00002522411000
C4B3H2S2P4L1M3J2E2A2,ALX,OGAB,12,4,9,12,840,15,40,MNAVG,0.00283750400000,0.00000378455300
C4B3H2S2P4L1M3J2E2A3,ALX,OGAB,12,4,9,12,840,15,40,MNHVY,0.00542227000000,0.00004526682000
C4B3H2S2P4L2M1J1E1A1,ALX,OGAB,12,4,9,13,340,12,10,MEPDG,0.36636100000000,0.00059729620000
C4B3H2S2P4L2M1J1E1A2,ALX,OGAB,12,4,9,13,340,12,10,MNAVG,0.17927010000000,0.00012043760000
C4B3H2S2P4L2M1J1E1A3,ALX,OGAB,12,4,9,13,340,12,10,MNHVY,0.29915590000000,0.00122071300000
C4B3H2S2P4L2M1J1E2A1,ALX,OGAB,12,4,9,13,340,12,40,MEPDG,0.36636100000000,0.00059729620000
C4B3H2S2P4L2M1J1E2A2,ALX,OGAB,12,4,9,13,340,12,40,MNAVG,0.17927010000000,0.00012043760000
```

```
C4B3H2S2P4L2M1J1E2A3,ALX,OGAB,12,4,9,13,340,12,40,MNHVY,0.29915590000000,0.00122071300000
C4B3H2S2P4L2M1J2E1A1,ALX,OGAB,12,4,9,13,340,15,10,MEPDG,1.36691700000000,0.00290957300000
C4B3H2S2P4L2M1J2E1A2,ALX,OGAB,12,4,9,13,340,15,10,MNAVG,0.90056570000000,0.00067631840000
C4B3H2S2P4L2M1J2E1A3,ALX,OGAB,12,4,9,13,340,15,10,MNHVY,1.73781800000000,0.00603432800000
C4B3H2S2P4L2M1J2E2A1,ALX,OGAB,12,4,9,13,340,15,40,MEPDG,1.36691700000000,0.00290957300000
C4B3H2S2P4L2M1J2E2A2,ALX,OGAB,12,4,9,13,340,15,40,MNAVG,0.90056570000000,0.00067631840000
C4B3H2S2P4L2M1J2E2A3,ALX,OGAB,12,4,9,13,340,15,40,MNHVY,1.73781800000000,0.00603432800000
C4B3H2S2P4L2M2J1E1A1,ALX,OGAB,12,4,9,13,590,12,10,MEPDG,0.00563954700000,0.00001185193000
C4B3H2S2P4L2M2J1E1A2,ALX,OGAB,12,4,9,13,590,12,10,MNAVG,0.00171708100000,0.00000180258700
C4B3H2S2P4L2M2J1E1A3,ALX,OGAB,12,4,9,13,590,12,10,MNHVY,0.00225206700000,0.00002115826000
C4B3H2S2P4L2M2J1E2A1,ALX,OGAB,12,4,9,13,590,12,40,MEPDG,0.00563954700000,0.00001185193000
C4B3H2S2P4L2M2J1E2A2,ALX,OGAB,12,4,9,13,590,12,40,MNAVG,0.00171708100000,0.00000180258700
C4B3H2S2P4L2M2J1E2A3,ALX,OGAB,12,4,9,13,590,12,40,MNHVY,0.00225206700000,0.00002115826000
C4B3H2S2P4L2M2J2E1A1,ALX,OGAB,12,4,9,13,590,15,10,MEPDG,0.04239589000000,0.00552104900000
C4B3H2S2P4L2M2J2E1A2,ALX,OGAB,12,4,9,13,590,15,10,MNAVG,0.01802678000000,0.00099582160000
C4B3H2S2P4L2M2J2E1A3,ALX,OGAB,12,4,9,13,590,15,10,MNHVY,0.03563516000000,0.01065365000000
C4B3H2S2P4L2M2J2E2A1,ALX,OGAB,12,4,9,13,590,15,40,MEPDG,0.04239589000000,0.00552104900000
C4B3H2S2P4L2M2J2E2A2,ALX,OGAB,12,4,9,13,590,15,40,MNAVG,0.01802678000000,0.00099582160000
C4B3H2S2P4L2M2J2E2A3,ALX,OGAB,12,4,9,13,590,15,40,MNHVY,0.03563516000000,0.01065365000000
C4B3H2S2P4L2M3J1E1A1,ALX,OGAB,12,4,9,13,840,12,10,MEPDG,0.00017628580000,0.00000698320500
C4B3H2S2P4L2M3J1E1A2,ALX,OGAB,12,4,9,13,840,12,10,MNAVG,0.00004687227000,0.00000068861790
C4B3H2S2P4L2M3J1E1A3,ALX,OGAB,12,4,9,13,840,12,10,MNHVY,0.00004697121000,0.00000903849900
C4B3H2S2P4L2M3J1E2A1,ALX,OGAB,12,4,9,13,840,12,40,MEPDG,0.00017628580000,0.00000698320500
C4B3H2S2P4L2M3J1E2A2,ALX,OGAB,12,4,9,13,840,12,40,MNAVG,0.00004687227000,0.00000068861790
C4B3H2S2P4L2M3J1E2A3,ALX,OGAB,12,4,9,13,840,12,40,MNHVY,0.00004697121000,0.00000903849900
C4B3H2S2P4L2M3J2E1A1,ALX,OGAB,12,4,9,13,840,15,10,MEPDG,0.00206183900000,0.00014488810000
C4B3H2S2P4L2M3J2E1A2,ALX,OGAB,12,4,9,13,840,15,10,MNAVG,0.00060551410000,0.00002215730000
C4B3H2S2P4L2M3J2E1A3,ALX,OGAB,12,4,9,13,840,15,10,MNHVY,0.00111854300000,0.00025943130000
C4B3H2S2P4L2M3J2E2A1,ALX,OGAB,12,4,9,13,840,15,40,MEPDG,0.00206183900000,0.00014488810000
C4B3H2S2P4L2M3J2E2A2,ALX,OGAB,12,4,9,13,840,15,40,MNAVG,0.00060551410000,0.00002215730000
C4B3H2S2P4L2M3J2E2A3,ALX,OGAB,12,4,9,13,840,15,40,MNHVY,0.00111854300000,0.00025943130000
C4B3H2S2P5L1M1J1E1A1,ALX,OGAB,12,4,10,12,340,12,10,MEPDG,1.00015700000000,0.00194656200000
C4B3H2S2P5L1M1J1E1A2,ALX,OGAB,12,4,10,12,340,12,10,MNAVG,0.37669240000000,0.00037388630000
C4B3H2S2P5L1M1J1E1A3,ALX,OGAB,12,4,10,12,340,12,10,MNHVY,0.66037980000000,0.00402560300000
C4B3H2S2P5L1M1J1E2A1,ALX,OGAB,12,4,10,12,340,12,40,MEPDG,0.42107390000000,0.00085874220000
C4B3H2S2P5L1M1J1E2A2,ALX,OGAB,12,4,10,12,340,12,40,MNAVG,0.16482710000000,0.00016173510000
C4B3H2S2P5L1M1J1E2A3,ALX,OGAB,12,4,10,12,340,12,40,MNHVY,0.26081980000000,0.00174268300000
C4B3H2S2P5L1M1J2E1A1,ALX,OGAB,12,4,10,12,340,15,10,MEPDG,3.77215600000000,0.00905375500000
C4B3H2S2P5L1M1J2E1A2,ALX,OGAB,12,4,10,12,340,15,10,MNAVG,1.97615800000000,0.00202238000000
C4B3H2S2P5L1M1J2E1A3,ALX,OGAB,12,4,10,12,340,15,10,MNHVY,4.21553000000000,0.01909373000000
C4B3H2S2P5L1M1J2E2A1,ALX,OGAB,12,4,10,12,340,15,40,MEPDG,1.83667500000000,0.00588121800000
C4B3H2S2P5L1M1J2E2A2,ALX,OGAB,12,4,10,12,340,15,40,MNAVG,1.01933600000000,0.00131052800000
C4B3H2S2P5L1M1J2E2A3,ALX,OGAB,12,4,10,12,340,15,40,MNHVY,2.01993300000000,0.01229900000000
C4B3H2S2P5L1M2J1E1A1,ALX,OGAB,12,4,10,12,590,12,10,MEPDG,0.01424892000000,0.00001637421000
C4B3H2S2P5L1M2J1E1A2,ALX,OGAB,12,4,10,12,590,12,10,MNAVG,0.00320387300000,0.00000230273500
C4B3H2S2P5L1M2J1E1A3,ALX,OGAB,12,4,10,12,590,12,10,MNHVY,0.00424534100000,0.00002916989000
C4B3H2S2P5L1M2J1E2A1,ALX,OGAB,12,4,10,12,590,12,40,MEPDG,0.00434961600000,0.00001615981000
C4B3H2S2P5L1M2J1E2A2,ALX,OGAB,12,4,10,12,590,12,40,MNAVG,0.00112086300000,0.00000221881600
C4B3H2S2P5L1M2J1E2A3,ALX,OGAB,12,4,10,12,590,12,40,MNHVY,0.00128090600000,0.00002768488000
C4B3H2S2P5L1M2J2E1A1,ALX,OGAB,12,4,10,12,590,15,10,MEPDG,0.09757295000000,0.01477182000000
```

```
C4B3H2S2P5L1M2J2E1A2,ALX,OGAB,12,4,10,12,590,15,10,MNAVG,0.02828965000000,0.00242577300000
C4B3H2S2P5L1M2J2E1A3,ALX,OGAB,12,4,10,12,590,15,10,MNHVY,0.06215123000000,0.02804081000000
C4B3H2S2P5L1M2J2E2A1,ALX,OGAB,12,4,10,12,590,15,40,MEPDG,0.03586838000000,0.00020510570000
C4B3H2S2P5L1M2J2E2A2,ALX,OGAB,12,4,10,12,590,15,40,MNAVG,0.01153110000000,0.00003762168000
C4B3H2S2P5L1M2J2E2A3,ALX,OGAB,12,4,10,12,590,15,40,MNHVY,0.02196586000000,0.00041170550000
C4B3H2S2P5L1M3J1E1A1,ALX,OGAB,12,4,10,12,840,12,10,MEPDG,0.00047209190000,0.00001062731000
C4B3H2S2P5L1M3J1E1A2,ALX,OGAB,12,4,10,12,840,12,10,MNAVG,0.00009072453000,0.00000109875400
C4B3H2S2P5L1M3J1E1A3,ALX,OGAB,12,4,10,12,840,12,10,MNHVY,0.00009339471000,0.00001504583000
C4B3H2S2P5L1M3J1E2A1,ALX,OGAB,12,4,10,12,840,12,40,MEPDG,0.00011162070000,0.00000801246000
C4B3H2S2P5L1M3J1E2A2,ALX,OGAB,12,4,10,12,840,12,40,MNAVG,0.00002675134000,0.00000076289060
C4B3H2S2P5L1M3J1E2A3,ALX,OGAB,12,4,10,12,840,12,40,MNHVY,0.00002351035000,0.00001037577000
C4B3H2S2P5L1M3J2E1A1,ALX,OGAB,12,4,10,12,840,15,10,MEPDG,0.00409806900000,0.00002813340000
C4B3H2S2P5L1M3J2E1A2,ALX,OGAB,12,4,10,12,840,15,10,MNAVG,0.00078829760000,0.00000419271100
C4B3H2S2P5L1M3J2E1A3,ALX,OGAB,12,4,10,12,840,15,10,MNHVY,0.00148810800000,0.00005151401000
C4B3H2S2P5L1M3J2E2A1,ALX,OGAB,12,4,10,12,840,15,40,MEPDG,0.00119647200000,0.00002235510000
C4B3H2S2P5L1M3J2E2A2,ALX,OGAB,12,4,10,12,840,15,40,MNAVG,0.00027162870000,0.00000321332100
C4B3H2S2P5L1M3J2E2A3,ALX,OGAB,12,4,10,12,840,15,40,MNHVY,0.00042674110000,0.00003944276000
C4B3H2S2P5L2M1J1E1A1,ALX,OGAB,12,4,10,13,340,12,10,MEPDG,0.09363516000000,0.00045096000000
C4B3H2S2P5L2M1J1E1A2,ALX,OGAB,12,4,10,13,340,12,10,MNAVG,0.03624249000000,0.00008557718000
C4B3H2S2P5L2M1J1E1A3,ALX,OGAB,12,4,10,13,340,12,10,MNHVY,0.05599668000000,0.00091731070000
C4B3H2S2P5L2M1J1E2A1,ALX,OGAB,12,4,10,13,340,12,40,MEPDG,0.09363516000000,0.00045096000000
C4B3H2S2P5L2M1J1E2A2,ALX,OGAB,12,4,10,13,340,12,40,MNAVG,0.03624249000000,0.00008557718000
C4B3H2S2P5L2M1J1E2A3,ALX,OGAB,12,4,10,13,340,12,40,MNHVY,0.05599668000000,0.00091731070000
C4B3H2S2P5L2M1J2E1A1,ALX,OGAB,12,4,10,13,340,15,10,MEPDG,0.46557180000000,0.04844955000000
C4B3H2S2P5L2M1J2E1A2,ALX,OGAB,12,4,10,13,340,15,10,MNAVG,0.26064740000000,0.00944203200000
C4B3H2S2P5L2M1J2E1A3,ALX,OGAB,12,4,10,13,340,15,10,MNHVY,0.50956230000000,0.09701824000000
C4B3H2S2P5L2M1J2E2A1,ALX,OGAB,12,4,10,13,340,15,40,MEPDG,0.46557180000000,0.04844955000000
C4B3H2S2P5L2M1J2E2A2,ALX,OGAB,12,4,10,13,340,15,40,MNAVG,0.26064740000000,0.00944203200000
C4B3H2S2P5L2M1J2E2A3,ALX,OGAB,12,4,10,13,340,15,40,MNHVY,0.50956230000000,0.09701824000000
C4B3H2S2P5L2M2J1E1A1,ALX,OGAB,12,4,10,13,590,12,10,MEPDG,0.00083279670000,0.00000772109500
C4B3H2S2P5L2M2J1E1A2,ALX,OGAB,12,4,10,13,590,12,10,MNAVG,0.00022115190000,0.00000107220800
C4B3H2S2P5L2M2J1E1A3,ALX,OGAB,12,4,10,13,590,12,10,MNHVY,0.00024223350000,0.00001329275000
C4B3H2S2P5L2M2J1E2A1,ALX,OGAB,12,4,10,13,590,12,40,MEPDG,0.00083279670000,0.00000772109500
C4B3H2S2P5L2M2J1E2A2,ALX,OGAB,12,4,10,13,590,12,40,MNAVG,0.00022115190000,0.00000107220800
C4B3H2S2P5L2M2J1E2A3,ALX,OGAB,12,4,10,13,590,12,40,MNHVY,0.00024223350000,0.00001329275000
C4B3H2S2P5L2M2J2E1A1,ALX,OGAB,12,4,10,13,590,15,10,MEPDG,0.00782765100000,0.00417295800000
C4B3H2S2P5L2M2J2E1A2,ALX,OGAB,12,4,10,13,590,15,10,MNAVG,0.00255402300000,0.00067110770000
C4B3H2S2P5L2M2J2E1A3,ALX,OGAB,12,4,10,13,590,15,10,MNHVY,0.00471209100000,0.00768549400000
C4B3H2S2P5L2M2J2E2A1,ALX,OGAB,12,4,10,13,590,15,40,MEPDG,0.00782765100000,0.00417295800000
C4B3H2S2P5L2M2J2E2A2,ALX,OGAB,12,4,10,13,590,15,40,MNAVG,0.00255402300000,0.00067110770000
C4B3H2S2P5L2M2J2E2A3,ALX,OGAB,12,4,10,13,590,15,40,MNHVY,0.00471209100000,0.00768549400000
C4B3H2S2P5L2M3J1E1A1,ALX,OGAB,12,4,10,13,840,12,10,MEPDG,0.00001998232000,0.00000367307700
C4B3H2S2P5L2M3J1E1A2,ALX,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000497655600,0.00000034820440
C4B3H2S2P5L2M3J1E1A3,ALX,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000431591300,0.00000472472800
C4B3H2S2P5L2M3J1E2A1,ALX,OGAB,12,4,10,13,840,12,40,MEPDG,0.00001998232000,0.00000367307700
C4B3H2S2P5L2M3J1E2A2,ALX,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000497655600,0.00000034820440
C4B3H2S2P5L2M3J1E2A3,ALX,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000431591300,0.00000472472800
C4B3H2S2P5L2M3J2E1A1,ALX,OGAB,12,4,10,13,840,15,10,MEPDG,0.00023244130000,0.00001184270000
C4B3H2S2P5L2M3J2E1A2,ALX,OGAB,12,4,10,13,840,15,10,MNAVG,0.00005456311000,0.00000171820500
C4B3H2S2P5L2M3J2E1A3,ALX,OGAB,12,4,10,13,840,15,10,MNHVY,0.00008166330000,0.00002091145000
```

```
C4B3H2S2P5L2M3J2E2A1,ALX,OGAB,12,4,10,13,840,15,40,MEPDG,0.00023244130000,0.00001184270000
C4B3H2S2P5L2M3J2E2A2,ALX,OGAB,12,4,10,13,840,15,40,MNAVG,0.00005456311000,0.00000171820500
C4B3H2S2P5L2M3J2E2A3,ALX,OGAB,12,4,10,13,840,15,40,MNHVY,0.00008166330000,0.00002091145000
C4B3H2S2P6L1M1J1E1A1,ALX,OGAB,12,4,11,12,340,12,10,MEPDG,0.27465260000000,0.01301494000000
C4B3H2S2P6L1M1J1E1A2,ALX,OGAB,12,4,11,12,340,12,10,MNAVG,0.07963666000000,0.00197980800000
C4B3H2S2P6L1M1J1E1A3,ALX,OGAB,12,4,11,12,340,12,10,MNHVY,0.13042420000000,0.02415826000000
C4B3H2S2P6L1M1J1E2A1,ALX,OGAB,12,4,11,12,340,12,40,MEPDG,0.10359980000000,0.00195498900000
C4B3H2S2P6L1M1J1E2A2,ALX,OGAB,12,4,11,12,340,12,40,MNAVG,0.03219760000000,0.00032283510000
C4B3H2S2P6L1M1J1E2A3,ALX,OGAB,12,4,11,12,340,12,40,MNHVY,0.04625307000000,0.00377777900000
C4B3H2S2P6L1M1J2E1A1,ALX,OGAB,12,4,11,12,340,15,10,MEPDG,1.28536500000000,0.11933650000000
C4B3H2S2P6L1M1J2E1A2,ALX,OGAB,12,4,11,12,340,15,10,MNAVG,0.54145850000000,0.02161192000000
C4B3H2S2P6L1M1J2E1A3,ALX,OGAB,12,4,11,12,340,15,10,MNHVY,1.18360200000000,0.23919590000000
C4B3H2S2P6L1M1J2E2A1,ALX,OGAB,12,4,11,12,340,15,40,MEPDG,0.57080630000000,0.11182970000000
C4B3H2S2P6L1M1J2E2A2,ALX,OGAB,12,4,11,12,340,15,40,MNAVG,0.25940990000000,0.01902751000000
C4B3H2S2P6L1M1J2E2A3,ALX,OGAB,12,4,11,12,340,15,40,MNHVY,0.51376780000000,0.21451600000000
C4B3H2S2P6L1M2J1E1A1,ALX,OGAB,12,4,11,12,590,12,10,MEPDG,0.00265945500000,0.00001949667000
C4B3H2S2P6L1M2J1E1A2,ALX,OGAB,12,4,11,12,590,12,10,MNAVG,0.00051957200000,0.00000247976200
C4B3H2S2P6L1M2J1E1A3,ALX,OGAB,12,4,11,12,590,12,10,MNHVY,0.00060009440000,0.00003324646000
C4B3H2S2P6L1M2J1E2A1,ALX,OGAB,12,4,11,12,590,12,40,MEPDG,0.00071883340000,0.00041217530000
C4B3H2S2P6L1M2J1E2A2,ALX,OGAB,12,4,11,12,590,12,40,MNAVG,0.00016996450000,0.00004286666000
C4B3H2S2P6L1M2J1E2A3,ALX,OGAB,12,4,11,12,590,12,40,MNHVY,0.00016946060000,0.00057843530000
C4B3H2S2P6L1M2J2E1A1,ALX,OGAB,12,4,11,12,590,15,10,MEPDG,0.01875886000000,0.00841328300000
C4B3H2S2P6L1M2J2E1A2,ALX,OGAB,12,4,11,12,590,15,10,MNAVG,0.00410845500000,0.00122339800000
C4B3H2S2P6L1M2J2E1A3,ALX,OGAB,12,4,11,12,590,15,10,MNHVY,0.00810399300000,0.01508417000000
C4B3H2S2P6L1M2J2E2A1,ALX,OGAB,12,4,11,12,590,15,40,MEPDG,0.00612305800000,0.00486384500000
C4B3H2S2P6L1M2J2E2A2,ALX,OGAB,12,4,11,12,590,15,40,MNAVG,0.00154402700000,0.00069826450000
C4B3H2S2P6L1M2J2E2A3,ALX,OGAB,12,4,11,12,590,15,40,MNHVY,0.00257922800000,0.00852640300000
C4B3H2S2P6L1M3J1E1A1,ALX,OGAB,12,4,11,12,840,12,10,MEPDG,0.00006663449000,0.00002600143000
C4B3H2S2P6L1M3J1E1A2,ALX,OGAB,12,4,11,12,840,12,10,MNAVG,0.00001122808000,0.00000217591600
C4B3H2S2P6L1M3J1E1A3,ALX,OGAB,12,4,11,12,840,12,10,MNHVY,0.00000988037900,0.00003116779000
C4B3H2S2P6L1M3J1E2A1,ALX,OGAB,12,4,11,12,840,12,40,MEPDG,0.00001407887000,0.00001535524000
C4B3H2S2P6L1M3J1E2A2,ALX,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000309451300,0.00000126396800
C4B3H2S2P6L1M3J1E2A3,ALX,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000237064800,0.00001791313000
C4B3H2S2P6L1M3J2E1A1,ALX,OGAB,12,4,11,12,840,15,10,MEPDG,0.00050036750000,0.00002139249000
C4B3H2S2P6L1M3J2E1A2,ALX,OGAB,12,4,11,12,840,15,10,MNAVG,0.00007917796000,0.00000287550800
C4B3H2S2P6L1M3J2E1A3,ALX,OGAB,12,4,11,12,840,15,10,MNHVY,0.00011604180000,0.00003753014000
C4B3H2S2P6L1M3J2E2A1,ALX,OGAB,12,4,11,12,840,15,40,MEPDG,0.00012751580000,0.00024118490000
C4B3H2S2P6L1M3J2E2A2,ALX,OGAB,12,4,11,12,840,15,40,MNAVG,0.00002509245000,0.00002992304000
C4B3H2S2P6L1M3J2E2A3,ALX,OGAB,12,4,11,12,840,15,40,MNHVY,0.00003066124000,0.00038679340000
C4B3H2S2P6L2M1J1E1A1,ALX,OGAB,12,4,11,13,340,12,10,MEPDG,0.02189620000000,0.00032081130000
C4B3H2S2P6L2M1J1E1A2,ALX,OGAB,12,4,11,13,340,12,10,MNAVG,0.00682678400000,0.00005623716000
C4B3H2S2P6L2M1J1E1A3,ALX,OGAB,12,4,11,13,340,12,10,MNHVY,0.00946389000000,0.00064190650000
C4B3H2S2P6L2M1J1E2A1,ALX,OGAB,12,4,11,13,340,12,40,MEPDG,0.02189620000000,0.00032081130000
C4B3H2S2P6L2M1J1E2A2,ALX,OGAB,12,4,11,13,340,12,40,MNAVG,0.00682678400000,0.00005623716000
C4B3H2S2P6L2M1J1E2A3,ALX,OGAB,12,4,11,13,340,12,40,MNHVY,0.00946389000000,0.00064190650000
C4B3H2S2P6L2M1J2E1A1,ALX,OGAB,12,4,11,13,340,15,10,MEPDG,0.13758320000000,0.05115717000000
C4B3H2S2P6L2M1J2E1A2,ALX,OGAB,12,4,11,13,340,15,10,MNAVG,0.06320588000000,0.00917771600000
C4B3H2S2P6L2M1J2E1A3,ALX,OGAB,12,4,11,13,340,15,10,MNHVY,0.12261270000000,0.10045110000000
C4B3H2S2P6L2M1J2E2A1,ALX,OGAB,12,4,11,13,340,15,40,MEPDG,0.13758320000000,0.05115717000000
C4B3H2S2P6L2M1J2E2A2,ALX,OGAB,12,4,11,13,340,15,40,MNAVG,0.06320588000000,0.00917771600000
```

```
C4B3H2S2P6L2M1J2E2A3,ALX,OGAB,12,4,11,13,340,15,40,MNHVY,0.12261270000000,0.10045110000000
C4B3H2S2P6L2M2J1E1A1,ALX,OGAB,12,4,11,13,590,12,10,MEPDG,0.00013035130000,0.00011671700000
C4B3H2S2P6L2M2J1E1A2,ALX,OGAB,12,4,11,13,590,12,10,MNAVG,0.00003232175000,0.00001339410000
C4B3H2S2P6L2M2J1E1A3,ALX,OGAB,12,4,11,13,590,12,10,MNHVY,0.00003085317000,0.00017762390000
C4B3H2S2P6L2M2J1E2A1,ALX,OGAB,12,4,11,13,590,12,40,MEPDG,0.00013035130000,0.00011671700000
C4B3H2S2P6L2M2J1E2A2,ALX,OGAB,12,4,11,13,590,12,40,MNAVG,0.00003232175000,0.00001339410000
C4B3H2S2P6L2M2J1E2A3,ALX,OGAB,12,4,11,13,590,12,40,MNHVY,0.00003085317000,0.00017762390000
C4B3H2S2P6L2M2J2E1A1,ALX,OGAB,12,4,11,13,590,15,10,MEPDG,0.00125065900000,0.00004676112000
C4B3H2S2P6L2M2J2E1A2,ALX,OGAB,12,4,11,13,590,15,10,MNAVG,0.00032425470000,0.00000796932900
C4B3H2S2P6L2M2J2E1A3,ALX,OGAB,12,4,11,13,590,15,10,MNHVY,0.00051854920000,0.00009195891000
C4B3H2S2P6L2M2J2E2A1,ALX,OGAB,12,4,11,13,590,15,40,MEPDG,0.00125065900000,0.00004676112000
C4B3H2S2P6L2M2J2E2A2,ALX,OGAB,12,4,11,13,590,15,40,MNAVG,0.00032425470000,0.00000796932900
C4B3H2S2P6L2M2J2E2A3,ALX,OGAB,12,4,11,13,590,15,40,MNHVY,0.00051854920000,0.00009195891000
C4B3H2S2P6L2M3J1E1A1,ALX,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000282788700,0.00000519990200
C4B3H2S2P6L2M3J1E1A2,ALX,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000060701500,0.00000044900630
C4B3H2S2P6L2M3J1E1A3,ALX,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000049924120,0.00000634385700
C4B3H2S2P6L2M3J1E2A1,ALX,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000282788700,0.00000519990200
C4B3H2S2P6L2M3J1E2A2,ALX,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000060701500,0.00000044900630
C4B3H2S2P6L2M3J1E2A3,ALX,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000049924120,0.00000634385700
C4B3H2S2P6L2M3J2E1A1,ALX,OGAB,12,4,11,13,840,15,10,MEPDG,0.00002316756000,0.00009333182000
C4B3H2S2P6L2M3J2E1A2,ALX,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000480829400,0.00001231580000
C4B3H2S2P6L2M3J2E1A3,ALX,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000559936600,0.00015642520000
C4B3H2S2P6L2M3J2E2A1,ALX,OGAB,12,4,11,13,840,15,40,MEPDG,0.00002316756000,0.00009333182000
C4B3H2S2P6L2M3J2E2A2,ALX,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000480829400,0.00001231580000
C4B3H2S2P6L2M3J2E2A3,ALX,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000559936600,0.00015642520000
C4B3H2S2P7L1M1J1E1A1,ALX,OGAB,12,4,12,12,340,12,10,MEPDG,0.07372943000000,0.00331298100000
C4B3H2S2P7L1M1J1E1A2,ALX,OGAB,12,4,12,12,340,12,10,MNAVG,0.01708012000000,0.00048611470000
C4B3H2S2P7L1M1J1E1A3,ALX,OGAB,12,4,12,12,340,12,10,MNHVY,0.02542568000000,0.00610644000000
C4B3H2S2P7L1M1J1E2A1,ALX,OGAB,12,4,12,12,340,12,40,MEPDG,0.02501500000000,0.00050695300000
C4B3H2S2P7L1M1J1E2A2,ALX,OGAB,12,4,12,12,340,12,40,MNAVG,0.00649843000000,0.00008202530000
C4B3H2S2P7L1M1J1E2A3,ALX,OGAB,12,4,12,12,340,12,40,MNHVY,0.00832577300000,0.00098495190000
C4B3H2S2P7L1M1J2E1A1,ALX,OGAB,12,4,12,12,340,15,10,MEPDG,0.37152880000000,0.14843570000000
C4B3H2S2P7L1M1J2E1A2,ALX,OGAB,12,4,12,12,340,15,10,MNAVG,0.11994620000000,0.02324707000000
C4B3H2S2P7L1M1J2E1A3,ALX,OGAB,12,4,12,12,340,15,10,MNHVY,0.25702650000000,0.27600950000000
C4B3H2S2P7L1M1J2E2A1,ALX,OGAB,12,4,12,12,340,15,40,MEPDG,0.14859220000000,0.08702677000000
C4B3H2S2P7L1M1J2E2A2,ALX,OGAB,12,4,12,12,340,15,40,MNAVG,0.05281762000000,0.01371701000000
C4B3H2S2P7L1M1J2E2A3,ALX,OGAB,12,4,12,12,340,15,40,MNHVY,0.09980214000000,0.16095440000000
C4B3H2S2P7L1M2J1E1A1,ALX,OGAB,12,4,12,12,590,12,10,MEPDG,0.00051021830000,0.00033186180000
C4B3H2S2P7L1M2J1E1A2,ALX,OGAB,12,4,12,12,590,12,10,MNAVG,0.00008785001000,0.00003195313000
C4B3H2S2P7L1M2J1E1A3,ALX,OGAB,12,4,12,12,590,12,10,MNHVY,0.00008930219000,0.00044911770000
C4B3H2S2P7L1M2J1E2A1,ALX,OGAB,12,4,12,12,590,12,40,MEPDG,0.00012315480000,0.00015404750000
C4B3H2S2P7L1M2J1E2A2,ALX,OGAB,12,4,12,12,590,12,40,MNAVG,0.00002691403000,0.00001569368000
C4B3H2S2P7L1M2J1E2A3,ALX,OGAB,12,4,12,12,590,12,40,MNHVY,0.00002366798000,0.00021687430000
C4B3H2S2P7L1M2J2E1A1,ALX,OGAB,12,4,12,12,590,15,10,MEPDG,0.00300236700000,0.00427339600000
C4B3H2S2P7L1M2J2E1A2,ALX,OGAB,12,4,12,12,590,15,10,MNAVG,0.00052263240000,0.00056375840000
C4B3H2S2P7L1M2J2E1A3,ALX,OGAB,12,4,12,12,590,15,10,MNHVY,0.00083252660000,0.00723373800000
C4B3H2S2P7L1M2J2E2A1,ALX,OGAB,12,4,12,12,590,15,40,MEPDG,0.00085962380000,0.00251214300000
C4B3H2S2P7L1M2J2E2A2,ALX,OGAB,12,4,12,12,590,15,40,MNAVG,0.00018089540000,0.00033362560000
C4B3H2S2P7L1M2J2E2A3,ALX,OGAB,12,4,12,12,590,15,40,MNHVY,0.00024196810000,0.00421351600000
C4B3H2S2P7L1M3J1E1A1,ALX,OGAB,12,4,12,12,840,12,10,MEPDG,0.00001441658000,0.00000647310500
```

```
C4B3H2S2P7L1M3J1E1A2,ALX,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000181075400,0.00000050049320
C4B3H2S2P7L1M3J1E1A3,ALX,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000164618700,0.00000744744100
C4B3H2S2P7L1M3J1E2A1,ALX,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000310000400,0.00000499297700
C4B3H2S2P7L1M3J1E2A2,ALX,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000051072930,0.00000036685350
C4B3H2S2P7L1M3J1E2A3,ALX,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000040022730,0.00000543822700
C4B3H2S2P7L1M3J2E1A1,ALX,OGAB,12,4,12,12,840,15,10,MEPDG,0.00006201431000,0.00004106011000
C4B3H2S2P7L1M3J2E1A2,ALX,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000845106300,0.00000474135600
C4B3H2S2P7L1M3J2E1A3,ALX,OGAB,12,4,12,12,840,15,10,MNHVY,0.00000993066400,0.00006570110000
C4B3H2S2P7L1M3J2E2A1,ALX,OGAB,12,4,12,12,840,15,40,MEPDG,0.00001417254000,0.00007726604000
C4B3H2S2P7L1M3J2E2A2,ALX,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000252006700,0.00000870279600
C4B3H2S2P7L1M3J2E2A3,ALX,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000251046300,0.00011867370000
C4B3H2S2P7L2M1J1E1A1,ALX,OGAB,12,4,12,13,340,12,10,MEPDG,0.00502992100000,0.00027900400000
C4B3H2S2P7L2M1J1E1A2,ALX,OGAB,12,4,12,13,340,12,10,MNAVG,0.00133717400000,0.00004564688000
C4B3H2S2P7L2M1J1E1A3,ALX,OGAB,12,4,12,13,340,12,10,MNHVY,0.00163862700000,0.00054421270000
C4B3H2S2P7L2M1J1E2A1,ALX,OGAB,12,4,12,13,340,12,40,MEPDG,0.00502992100000,0.00027900400000
C4B3H2S2P7L2M1J1E2A2,ALX,OGAB,12,4,12,13,340,12,40,MNAVG,0.00133717400000,0.00004564688000
C4B3H2S2P7L2M1J1E2A3,ALX,OGAB,12,4,12,13,340,12,40,MNHVY,0.00163862700000,0.00054421270000
C4B3H2S2P7L2M1J2E1A1,ALX,OGAB,12,4,12,13,340,15,10,MEPDG,0.03366216000000,0.04419155000000
C4B3H2S2P7L2M1J2E1A2,ALX,OGAB,12,4,12,13,340,15,10,MNAVG,0.01214430000000,0.00723592700000
C4B3H2S2P7L2M1J2E1A3,ALX,OGAB,12,4,12,13,340,15,10,MNHVY,0.02224938000000,0.08329169000000
C4B3H2S2P7L2M1J2E2A1,ALX,OGAB,12,4,12,13,340,15,40,MEPDG,0.03366216000000,0.04419155000000
C4B3H2S2P7L2M1J2E2A2,ALX,OGAB,12,4,12,13,340,15,40,MNAVG,0.01214430000000,0.00723592700000
C4B3H2S2P7L2M1J2E2A3,ALX,OGAB,12,4,12,13,340,15,40,MNHVY,0.02224938000000,0.08329169000000
C4B3H2S2P7L2M2J1E1A1,ALX,OGAB,12,4,12,13,590,12,10,MEPDG,0.00002132367000,0.00000550002800
C4B3H2S2P7L2M2J1E1A2,ALX,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000495892300,0.00000064851340
C4B3H2S2P7L2M2J1E1A3,ALX,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000417992400,0.00000880172700
C4B3H2S2P7L2M2J1E2A1,ALX,OGAB,12,4,12,13,590,12,40,MEPDG,0.00002132367000,0.00000550002800
C4B3H2S2P7L2M2J1E2A2,ALX,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000495892300,0.00000064851340
C4B3H2S2P7L2M2J1E2A3,ALX,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000417992400,0.00000880172700
C4B3H2S2P7L2M2J2E1A1,ALX,OGAB,12,4,12,13,590,15,10,MEPDG,0.00016437380000,0.00098093470000
C4B3H2S2P7L2M2J2E1A2,ALX,OGAB,12,4,12,13,590,15,10,MNAVG,0.00003624930000,0.00014143130000
C4B3H2S2P7L2M2J2E1A3,ALX,OGAB,12,4,12,13,590,15,10,MNHVY,0.00004620021000,0.00174890200000
C4B3H2S2P7L2M2J2E2A1,ALX,OGAB,12,4,12,13,590,15,40,MEPDG,0.00016437380000,0.00098093470000
C4B3H2S2P7L2M2J2E2A2,ALX,OGAB,12,4,12,13,590,15,40,MNAVG,0.00003624930000,0.00014143130000
C4B3H2S2P7L2M2J2E2A3,ALX,OGAB,12,4,12,13,590,15,40,MNHVY,0.00004620021000,0.00174890200000
C4B3H2S2P7L2M3J1E1A1,ALX,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000050227250,0.00000235261100
C4B3H2S2P7L2M3J1E1A2,ALX,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000008930408,0.00000017332470
C4B3H2S2P7L2M3J1E1A3,ALX,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000006638206,0.00000256372300
C4B3H2S2P7L2M3J1E2A1,ALX,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000050227250,0.00000235261100
C4B3H2S2P7L2M3J1E2A2,ALX,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000008930408,0.00000017332470
C4B3H2S2P7L2M3J1E2A3,ALX,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000006638206,0.00000256372300
C4B3H2S2P7L2M3J2E1A1,ALX,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000244576900,0.00001601363000
C4B3H2S2P7L2M3J2E1A2,ALX,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000046562260,0.00000184024600
C4B3H2S2P7L2M3J2E1A3,ALX,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000044440470,0.00002506668000
C4B3H2S2P7L2M3J2E2A1,ALX,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000244576900,0.00001601363000
C4B3H2S2P7L2M3J2E2A2,ALX,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000046562260,0.00000184024600
C4B3H2S2P7L2M3J2E2A3,ALX,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000044440470,0.00002506668000
C5B1H1S1P1L1M1J1E1A1,MSP,CL5S,4,12,6,12,340,12,10,MEPDG,95.32965000000000,1.25278600000000
C5B1H1S1P1L1M1J1E1A2,MSP,CL5S,4,12,6,12,340,12,10,MNAVG,76.61212000000000,0.13117450000000
C5B1H1S1P1L1M1J1E1A3,MSP,CL5S,4,12,6,12,340,12,10,MNHVY,132.34880000000000,1.61355600000000
```

```
C5B1H1S1P1L1M1J1E2A1,MSP,CL5S,4,12,6,12,340,12,40,MEPDG,58.07125000000000,0.69691940000000
C5B1H1S1P1L1M1J1E2A2,MSP,CL5S,4,12,6,12,340,12,40,MNAVG,43.43957000000000,0.06992573000000
C5B1H1S1P1L1M1J1E2A3,MSP,CL5S,4,12,6,12,340,12,40,MNHVY,77.30258000000000,0.86715560000000
C5B1H1S1P1L1M1J2E1A1,MSP,CL5S,4,12,6,12,340,15,10,MEPDG,107.35340000000000,0.93923770000000
C5B1H1S1P1L1M1J2E1A2,MSP,CL5S,4,12,6,12,340,15,10,MNAVG,88.01313000000000,0.15023780000000
C5B1H1S1P1L1M1J2E1A3,MSP,CL5S,4,12,6,12,340,15,10,MNHVY,153.79070000000000,1.58437300000000
C5B1H1S1P1L1M1J2E2A1,MSP,CL5S,4,12,6,12,340,15,40,MEPDG,66.36099000000000,0.52278910000000
C5B1H1S1P1L1M1J2E2A2,MSP,CL5S,4,12,6,12,340,15,40,MNAVG,50.93050000000000,0.08428536000000
C5B1H1S1P1L1M1J2E2A3,MSP,CL5S,4,12,6,12,340,15,40,MNHVY,91.79237000000000,0.88588430000000
C5B1H1S1P1L1M2J1E1A1,MSP,CL5S,4,12,6,12,590,12,10,MEPDG,5.90903000000000,0.10648430000000
C5B1H1S1P1L1M2J1E1A2,MSP,CL5S,4,12,6,12,590,12,10,MNAVG,3.66352900000000,0.01066834000000
C5B1H1S1P1L1M2J1E1A3,MSP,CL5S,4,12,6,12,590,12,10,MNHVY,5.67639100000000,0.12522290000000
C5B1H1S1P1L1M2J1E2A1,MSP,CL5S,4,12,6,12,590,12,40,MEPDG,3.09997100000000,0.05350434000000
C5B1H1S1P1L1M2J1E2A2,MSP,CL5S,4,12,6,12,590,12,40,MNAVG,1.81677500000000,0.00468513500000
C5B1H1S1P1L1M2J1E2A3,MSP,CL5S,4,12,6,12,590,12,40,MNHVY,2.82299200000000,0.05694167000000
C5B1H1S1P1L1M2J2E1A1,MSP,CL5S,4,12,6,12,590,15,10,MEPDG,8.40660100000000,0.18820070000000
C5B1H1S1P1L1M2J2E1A2,MSP,CL5S,4,12,6,12,590,15,10,MNAVG,5.73660200000000,0.03111262000000
C5B1H1S1P1L1M2J2E1A3,MSP,CL5S,4,12,6,12,590,15,10,MNHVY,9.42955300000000,0.31582200000000
C5B1H1S1P1L1M2J2E2A1,MSP,CL5S,4,12,6,12,590,15,40,MEPDG,4.63915400000000,0.09272315000000
C5B1H1S1P1L1M2J2E2A2,MSP,CL5S,4,12,6,12,590,15,40,MNAVG,3.05267500000000,0.01470688000000
C5B1H1S1P1L1M2J2E2A3,MSP,CL5S,4,12,6,12,590,15,40,MNHVY,5.07786500000000,0.15277930000000
C5B1H1S1P1L1M3J1E1A1,MSP,CL5S,4,12,6,12,840,12,10,MEPDG,0.66770910000000,0.01206934000000
C5B1H1S1P1L1M3J1E1A2,MSP,CL5S,4,12,6,12,840,12,10,MNAVG,0.31726130000000,0.00096102000000
C5B1H1S1P1L1M3J1E1A3,MSP,CL5S,4,12,6,12,840,12,10,MNHVY,0.46440870000000,0.01179297000000
C5B1H1S1P1L1M3J1E2A1,MSP,CL5S,4,12,6,12,840,12,40,MEPDG,0.30434490000000,0.00571254300000
C5B1H1S1P1L1M3J1E2A2,MSP,CL5S,4,12,6,12,840,12,40,MNAVG,0.14020680000000,0.00036978640000
C5B1H1S1P1L1M3J1E2A3,MSP,CL5S,4,12,6,12,840,12,40,MNHVY,0.20015880000000,0.00466860500000
C5B1H1S1P1L1M3J2E1A1,MSP,CL5S,4,12,6,12,840,15,10,MEPDG,1.26546900000000,0.03740527000000
C5B1H1S1P1L1M3J2E1A2,MSP,CL5S,4,12,6,12,840,15,10,MNAVG,0.74190100000000,0.00568539700000
C5B1H1S1P1L1M3J2E1A3,MSP,CL5S,4,12,6,12,840,15,10,MNHVY,1.24637500000000,0.05982876000000
C5B1H1S1P1L1M3J2E2A1,MSP,CL5S,4,12,6,12,840,15,40,MEPDG,0.62923510000000,0.01618501000000
C5B1H1S1P1L1M3J2E2A2,MSP,CL5S,4,12,6,12,840,15,40,MNAVG,0.36808210000000,0.00224713800000
C5B1H1S1P1L1M3J2E2A3,MSP,CL5S,4,12,6,12,840,15,40,MNHVY,0.61348780000000,0.02455720000000
C5B1H1S1P1L2M1J1E1A1,MSP,CL5S,4,12,6,13,340,12,10,MEPDG,14.60517000000000,0.23770240000000
C5B1H1S1P1L2M1J1E1A2,MSP,CL5S,4,12,6,13,340,12,10,MNAVG,10.42722000000000,0.02499475000000
C5B1H1S1P1L2M1J1E1A3,MSP,CL5S,4,12,6,13,340,12,10,MNHVY,18.81826000000000,0.30077310000000
C5B1H1S1P1L2M1J1E2A1,MSP,CL5S,4,12,6,13,340,12,40,MEPDG,14.60517000000000,0.23770240000000
C5B1H1S1P1L2M1J1E2A2,MSP,CL5S,4,12,6,13,340,12,40,MNAVG,10.42722000000000,0.02499475000000
C5B1H1S1P1L2M1J1E2A3,MSP,CL5S,4,12,6,13,340,12,40,MNHVY,18.81826000000000,0.30077310000000
C5B1H1S1P1L2M1J2E1A1,MSP,CL5S,4,12,6,13,340,15,10,MEPDG,16.93177000000000,0.21176140000000
C5B1H1S1P1L2M1J2E1A2,MSP,CL5S,4,12,6,13,340,15,10,MNAVG,12.47521000000000,0.03640898000000
C5B1H1S1P1L2M1J2E1A3,MSP,CL5S,4,12,6,13,340,15,10,MNHVY,22.78284000000000,0.36634000000000
C5B1H1S1P1L2M1J2E2A1,MSP,CL5S,4,12,6,13,340,15,40,MEPDG,16.93177000000000,0.21176140000000
C5B1H1S1P1L2M1J2E2A2,MSP,CL5S,4,12,6,13,340,15,40,MNAVG,12.47521000000000,0.03640898000000
C5B1H1S1P1L2M1J2E2A3,MSP,CL5S,4,12,6,13,340,15,40,MNHVY,22.78284000000000,0.36634000000000
C5B1H1S1P1L2M2J1E1A1,MSP,CL5S,4,12,6,13,590,12,10,MEPDG,0.73155670000000,0.01767989000000
C5B1H1S1P1L2M2J1E1A2,MSP,CL5S,4,12,6,13,590,12,10,MNAVG,0.41172480000000,0.00161872800000
C5B1H1S1P1L2M2J1E1A3,MSP,CL5S,4,12,6,13,590,12,10,MNHVY,0.64916890000000,0.01931597000000
C5B1H1S1P1L2M2J1E2A1,MSP,CL5S,4,12,6,13,590,12,40,MEPDG,0.73155670000000,0.01767989000000
C5B1H1S1P1L2M2J1E2A2,MSP,CL5S,4,12,6,13,590,12,40,MNAVG,0.41172480000000,0.00161872800000
```

```
C5B1H1S1P1L2M2J1E2A3,MSP,CL5S,4,12,6,13,590,12,40,MNHVY,0.64916890000000,0.01931597000000
C5B1H1S1P1L2M2J2E1A1,MSP,CL5S,4,12,6,13,590,15,10,MEPDG,1.14417200000000,0.03759240000000
C5B1H1S1P1L2M2J2E1A2,MSP,CL5S,4,12,6,13,590,15,10,MNAVG,0.73775970000000,0.00633888200000
C5B1H1S1P1L2M2J2E1A3,MSP,CL5S,4,12,6,13,590,15,10,MNHVY,1.24687500000000,0.06357294000000
C5B1H1S1P1L2M2J2E2A1,MSP,CL5S,4,12,6,13,590,15,40,MEPDG,1.14417200000000,0.03759240000000
C5B1H1S1P1L2M2J2E2A2,MSP,CL5S,4,12,6,13,590,15,40,MNAVG,0.73775970000000,0.00633888200000
C5B1H1S1P1L2M2J2E2A3,MSP,CL5S,4,12,6,13,590,15,40,MNHVY,1.24687500000000,0.06357294000000
C5B1H1S1P1L2M3J1E1A1,MSP,CL5S,4,12,6,13,840,12,10,MEPDG,0.06766218000000,0.00177189500000
C5B1H1S1P1L2M3J1E1A2,MSP,CL5S,4,12,6,13,840,12,10,MNAVG,0.03026503000000,0.00011508330000
C5B1H1S1P1L2M3J1E1A3,MSP,CL5S,4,12,6,13,840,12,10,MNHVY,0.04359066000000,0.00145030700000
C5B1H1S1P1L2M3J1E2A1,MSP,CL5S,4,12,6,13,840,12,40,MEPDG,0.06766218000000,0.00177189500000
C5B1H1S1P1L2M3J1E2A2,MSP,CL5S,4,12,6,13,840,12,40,MNAVG,0.03026503000000,0.00011508330000
C5B1H1S1P1L2M3J1E2A3,MSP,CL5S,4,12,6,13,840,12,40,MNHVY,0.04359066000000,0.00145030700000
C5B1H1S1P1L2M3J2E1A1,MSP,CL5S,4,12,6,13,840,15,10,MEPDG,0.15071610000000,0.00607690500000
C5B1H1S1P1L2M3J2E1A2,MSP,CL5S,4,12,6,13,840,15,10,MNAVG,0.08800308000000,0.00088065330000
C5B1H1S1P1L2M3J2E1A3,MSP,CL5S,4,12,6,13,840,15,10,MNHVY,0.14933790000000,0.00944889100000
C5B1H1S1P1L2M3J2E2A1,MSP,CL5S,4,12,6,13,840,15,40,MEPDG,0.15071610000000,0.00607690500000
C5B1H1S1P1L2M3J2E2A2,MSP,CL5S,4,12,6,13,840,15,40,MNAVG,0.08800308000000,0.00088065330000
C5B1H1S1P1L2M3J2E2A3,MSP,CL5S,4,12,6,13,840,15,40,MNHVY,0.14933790000000,0.00944889100000
C5B1H1S1P2L1M1J1E1A1,MSP,CL5S,4,12,7,12,340,12,10,MEPDG,31.90618000000000,0.79429560000000
C5B1H1S1P2L1M1J1E1A2,MSP,CL5S,4,12,7,12,340,12,10,MNAVG,23.04043000000000,0.09936636000000
C5B1H1S1P2L1M1J1E1A3,MSP,CL5S,4,12,7,12,340,12,10,MNHVY,38.32161000000000,1.14263700000000
C5B1H1S1P2L1M1J1E2A1,MSP,CL5S,4,12,7,12,340,12,40,MEPDG,18.21367000000000,0.43259870000000
C5B1H1S1P2L1M1J1E2A2,MSP,CL5S,4,12,7,12,340,12,40,MNAVG,12.48624000000000,0.05016067000000
C5B1H1S1P2L1M1J1E2A3,MSP,CL5S,4,12,7,12,340,12,40,MNHVY,20.92920000000000,0.58998050000000
C5B1H1S1P2L1M1J2E1A1,MSP,CL5S,4,12,7,12,340,15,10,MEPDG,42.65028000000000,1.03013800000000
C5B1H1S1P2L1M1J2E1A2,MSP,CL5S,4,12,7,12,340,15,10,MNAVG,32.78399000000000,0.18491750000000
C5B1H1S1P2L1M1J2E1A3,MSP,CL5S,4,12,7,12,340,15,10,MNHVY,56.45512000000000,1.85026900000000
C5B1H1S1P2L1M1J2E2A1,MSP,CL5S,4,12,7,12,340,15,40,MEPDG,25.21965000000000,0.57367560000000
C5B1H1S1P2L1M1J2E2A2,MSP,CL5S,4,12,7,12,340,15,40,MNAVG,18.63296000000000,0.10225060000000
C5B1H1S1P2L1M1J2E2A3,MSP,CL5S,4,12,7,12,340,15,40,MNHVY,32.48193000000000,1.02621400000000
C5B1H1S1P2L1M2J1E1A1,MSP,CL5S,4,12,7,12,590,12,10,MEPDG,1.41820300000000,0.04598421000000
C5B1H1S1P2L1M2J1E1A2,MSP,CL5S,4,12,7,12,590,12,10,MNAVG,0.69133030000000,0.00503101700000
C5B1H1S1P2L1M2J1E1A3,MSP,CL5S,4,12,7,12,590,12,10,MNHVY,1.05224200000000,0.05922420000000
C5B1H1S1P2L1M2J1E2A1,MSP,CL5S,4,12,7,12,590,12,40,MEPDG,0.66609400000000,0.02269595000000
C5B1H1S1P2L1M2J1E2A2,MSP,CL5S,4,12,7,12,590,12,40,MNAVG,0.31854960000000,0.00216127700000
C5B1H1S1P2L1M2J1E2A3,MSP,CL5S,4,12,7,12,590,12,40,MNHVY,0.47145840000000,0.02603301000000
C5B1H1S1P2L1M2J2E1A1,MSP,CL5S,4,12,7,12,590,15,10,MEPDG,2.84135700000000,0.13631030000000
C5B1H1S1P2L1M2J2E1A2,MSP,CL5S,4,12,7,12,590,15,10,MNAVG,1.69984900000000,0.02403498000000
C5B1H1S1P2L1M2J2E1A3,MSP,CL5S,4,12,7,12,590,15,10,MNHVY,2.94860800000000,0.24132510000000
C5B1H1S1P2L1M2J2E2A1,MSP,CL5S,4,12,7,12,590,15,40,MEPDG,1.44683600000000,0.06567480000000
C5B1H1S1P2L1M2J2E2A2,MSP,CL5S,4,12,7,12,590,15,40,MNAVG,0.86972500000000,0.01105434000000
C5B1H1S1P2L1M2J2E2A3,MSP,CL5S,4,12,7,12,590,15,40,MNHVY,1.48002000000000,0.11324920000000
C5B1H1S1P2L1M3J1E1A1,MSP,CL5S,4,12,7,12,840,12,10,MEPDG,0.11659800000000,0.00303424500000
C5B1H1S1P2L1M3J1E1A2,MSP,CL5S,4,12,7,12,840,12,10,MNAVG,0.04173677000000,0.00024613290000
C5B1H1S1P2L1M3J1E1A3,MSP,CL5S,4,12,7,12,840,12,10,MNHVY,0.06108885000000,0.00312403500000
C5B1H1S1P2L1M3J1E2A1,MSP,CL5S,4,12,7,12,840,12,40,MEPDG,0.04373008000000,0.00140380400000
C5B1H1S1P2L1M3J1E2A2,MSP,CL5S,4,12,7,12,840,12,40,MNAVG,0.01578905000000,0.00009243909000
C5B1H1S1P2L1M3J1E2A3,MSP,CL5S,4,12,7,12,840,12,40,MNHVY,0.02050174000000,0.00119681100000
C5B1H1S1P2L1M3J2E1A1,MSP,CL5S,4,12,7,12,840,15,10,MEPDG,0.34231290000000,0.01595279000000
```

```
C5B1H1S1P2L1M3J2E1A2,MSP,CL5S,4,12,7,12,840,15,10,MNAVG,0.16527230000000,0.00245694000000
C5B1H1S1P2L1M3J2E1A3,MSP,CL5S,4,12,7,12,840,15,10,MNHVY,0.30694680000000,0.02650867000000
C5B1H1S1P2L1M3J2E2A1,MSP,CL5S,4,12,7,12,840,15,40,MEPDG,0.15749740000000,0.00683725800000
C5B1H1S1P2L1M3J2E2A2,MSP,CL5S,4,12,7,12,840,15,40,MNAVG,0.07981195000000,0.00097055010000
C5B1H1S1P2L1M3J2E2A3,MSP,CL5S,4,12,7,12,840,15,40,MNHVY,0.14477560000000,0.01071362000000
C5B1H1S1P2L2M1J1E1A1,MSP,CL5S,4,12,7,13,340,12,10,MEPDG,4.49599900000000,0.15726890000000
C5B1H1S1P2L2M1J1E1A2,MSP,CL5S,4,12,7,13,340,12,10,MNAVG,2.96075800000000,0.01931314000000
C5B1H1S1P2L2M1J1E1A3,MSP,CL5S,4,12,7,13,340,12,10,MNHVY,5.01718400000000,0.22047300000000
C5B1H1S1P2L2M1J1E2A1,MSP,CL5S,4,12,7,13,340,12,40,MEPDG,4.49599900000000,0.15726890000000
C5B1H1S1P2L2M1J1E2A2,MSP,CL5S,4,12,7,13,340,12,40,MNAVG,2.96075800000000,0.01931314000000
C5B1H1S1P2L2M1J1E2A3,MSP,CL5S,4,12,7,13,340,12,40,MNHVY,5.01718400000000,0.22047300000000
C5B1H1S1P2L2M1J2E1A1,MSP,CL5S,4,12,7,13,340,15,10,MEPDG,6.45641000000000,0.25238180000000
C5B1H1S1P2L2M1J2E1A2,MSP,CL5S,4,12,7,13,340,15,10,MNAVG,4.64969700000000,0.04780503000000
C5B1H1S1P2L2M1J2E1A3,MSP,CL5S,4,12,7,13,340,15,10,MNHVY,8.18540200000000,0.45953180000000
C5B1H1S1P2L2M1J2E2A1,MSP,CL5S,4,12,7,13,340,15,40,MEPDG,6.45641000000000,0.25238180000000
C5B1H1S1P2L2M1J2E2A2,MSP,CL5S,4,12,7,13,340,15,40,MNAVG,4.64969700000000,0.04780503000000
C5B1H1S1P2L2M1J2E2A3,MSP,CL5S,4,12,7,13,340,15,40,MNHVY,8.18540200000000,0.45953180000000
C5B1H1S1P2L2M2J1E1A1,MSP,CL5S,4,12,7,13,590,12,10,MEPDG,0.15085390000000,0.00770818400000
C5B1H1S1P2L2M2J1E1A2,MSP,CL5S,4,12,7,13,590,12,10,MNAVG,0.07016442000000,0.00075856850000
C5B1H1S1P2L2M2J1E1A3,MSP,CL5S,4,12,7,13,590,12,10,MNHVY,0.10441080000000,0.00903431900000
C5B1H1S1P2L2M2J1E2A1,MSP,CL5S,4,12,7,13,590,12,40,MEPDG,0.15085390000000,0.00770818400000
C5B1H1S1P2L2M2J1E2A2,MSP,CL5S,4,12,7,13,590,12,40,MNAVG,0.07016442000000,0.00075856850000
C5B1H1S1P2L2M2J1E2A3,MSP,CL5S,4,12,7,13,590,12,40,MNHVY,0.10441080000000,0.00903431900000
C5B1H1S1P2L2M2J2E1A1,MSP,CL5S,4,12,7,13,590,15,10,MEPDG,0.35211180000000,0.02740140000000
C5B1H1S1P2L2M2J2E1A2,MSP,CL5S,4,12,7,13,590,15,10,MNAVG,0.21088590000000,0.00481763700000
C5B1H1S1P2L2M2J2E1A3,MSP,CL5S,4,12,7,13,590,15,10,MNHVY,0.36199220000000,0.04828440000000
C5B1H1S1P2L2M2J2E2A1,MSP,CL5S,4,12,7,13,590,15,40,MEPDG,0.35211180000000,0.02740140000000
C5B1H1S1P2L2M2J2E2A2,MSP,CL5S,4,12,7,13,590,15,40,MNAVG,0.21088590000000,0.00481763700000
C5B1H1S1P2L2M2J2E2A3,MSP,CL5S,4,12,7,13,590,15,40,MNHVY,0.36199220000000,0.04828440000000
C5B1H1S1P2L2M3J1E1A1,MSP,CL5S,4,12,7,13,840,12,10,MEPDG,0.00913331300000,0.00044449690000
C5B1H1S1P2L2M3J1E1A2,MSP,CL5S,4,12,7,13,840,12,10,MNAVG,0.00326128800000,0.00002948464000
C5B1H1S1P2L2M3J1E1A3,MSP,CL5S,4,12,7,13,840,12,10,MNHVY,0.00420121400000,0.00037911910000
C5B1H1S1P2L2M3J1E2A1,MSP,CL5S,4,12,7,13,840,12,40,MEPDG,0.00913331300000,0.00044449690000
C5B1H1S1P2L2M3J1E2A2,MSP,CL5S,4,12,7,13,840,12,40,MNAVG,0.00326128800000,0.00002948464000
C5B1H1S1P2L2M3J1E2A3,MSP,CL5S,4,12,7,13,840,12,40,MNHVY,0.00420121400000,0.00037911910000
C5B1H1S1P2L2M3J2E1A1,MSP,CL5S,4,12,7,13,840,15,10,MEPDG,0.03709141000000,0.00260854400000
C5B1H1S1P2L2M3J2E1A2,MSP,CL5S,4,12,7,13,840,15,10,MNAVG,0.01896807000000,0.00037987100000
C5B1H1S1P2L2M3J2E1A3,MSP,CL5S,4,12,7,13,840,15,10,MNHVY,0.03501954000000,0.00416575500000
C5B1H1S1P2L2M3J2E2A1,MSP,CL5S,4,12,7,13,840,15,40,MEPDG,0.03709141000000,0.00260854400000
C5B1H1S1P2L2M3J2E2A2,MSP,CL5S,4,12,7,13,840,15,40,MNAVG,0.01896807000000,0.00037987100000
C5B1H1S1P2L2M3J2E2A3,MSP,CL5S,4,12,7,13,840,15,40,MNHVY,0.03501954000000,0.00416575500000
C5B1H1S1P3L1M1J1E1A1,MSP,CL5S,4,12,8,12,340,12,10,MEPDG,9.96777300000000,0.55444960000000
C5B1H1S1P3L1M1J1E1A2,MSP,CL5S,4,12,8,12,340,12,10,MNAVG,5.98110100000000,0.07721791000000
C5B1H1S1P3L1M1J1E1A3,MSP,CL5S,4,12,8,12,340,12,10,MNHVY,9.67310900000000,0.87089910000000
C5B1H1S1P3L1M1J1E2A1,MSP,CL5S,4,12,8,12,340,12,40,MEPDG,5.16588500000000,0.29692160000000
C5B1H1S1P3L1M1J1E2A2,MSP,CL5S,4,12,8,12,340,12,40,MNAVG,2.99833100000000,0.03826918000000
C5B1H1S1P3L1M1J1E2A3,MSP,CL5S,4,12,8,12,340,12,40,MNHVY,4.72668300000000,0.43925070000000
C5B1H1S1P3L1M1J2E1A1,MSP,CL5S,4,12,8,12,340,15,10,MEPDG,16.64626000000000,1.05263400000000
C5B1H1S1P3L1M1J2E1A2,MSP,CL5S,4,12,8,12,340,15,10,MNAVG,11.32966000000000,0.20093480000000
C5B1H1S1P3L1M1J2E1A3,MSP,CL5S,4,12,8,12,340,15,10,MNHVY,19.76553000000000,1.97489500000000
```

```
C5B1H1S1P3L1M1J2E2A1,MSP,CL5S,4,12,8,12,340,15,40,MEPDG,9.20178300000000,0.57835130000000
C5B1H1S1P3L1M1J2E2A2,MSP,CL5S,4,12,8,12,340,15,40,MNAVG,6.18887700000000,0.10860620000000
C5B1H1S1P3L1M1J2E2A3,MSP,CL5S,4,12,8,12,340,15,40,MNHVY,10.6575900000000,1.07344300000000
C5B1H1S1P3L1M2J1E1A1,MSP,CL5S,4,12,8,12,590,12,10,MEPDG,0.28070880000000,0.01823052000000
C5B1H1S1P3L1M2J1E1A2,MSP,CL5S,4,12,8,12,590,12,10,MNAVG,0.10168980000000,0.00213429900000
C5B1H1S1P3L1M2J1E1A3,MSP,CL5S,4,12,8,12,590,12,10,MNHVY,0.14733740000000,0.02566694000000
C5B1H1S1P3L1M2J1E2A1,MSP,CL5S,4,12,8,12,590,12,40,MEPDG,0.11356570000000,0.00873472400000
C5B1H1S1P3L1M2J1E2A2,MSP,CL5S,4,12,8,12,590,12,40,MNAVG,0.04182711000000,0.00089344140000
C5B1H1S1P3L1M2J1E2A3,MSP,CL5S,4,12,8,12,590,12,40,MNHVY,0.05635544000000,0.01095204000000
C5B1H1S1P3L1M2J2E1A1,MSP,CL5S,4,12,8,12,590,15,10,MEPDG,0.79153620000000,0.08077200000000
C5B1H1S1P3L1M2J2E1A2,MSP,CL5S,4,12,8,12,590,15,10,MNAVG,0.38215230000000,0.01447899000000
C5B1H1S1P3L1M2J2E1A3,MSP,CL5S,4,12,8,12,590,15,10,MNHVY,0.69747260000000,0.14949820000000
C5B1H1S1P3L1M2J2E2A1,MSP,CL5S,4,12,8,12,590,15,40,MEPDG,0.36091680000000,0.03864923000000
C5B1H1S1P3L1M2J2E2A2,MSP,CL5S,4,12,8,12,590,15,40,MNAVG,0.18080410000000,0.00664566100000
C5B1H1S1P3L1M2J2E2A3,MSP,CL5S,4,12,8,12,590,15,40,MNHVY,0.31285360000000,0.06941053000000
C5B1H1S1P3L1M3J1E1A1,MSP,CL5S,4,12,8,12,840,12,10,MEPDG,0.01430790000000,0.00076673390000
C5B1H1S1P3L1M3J1E1A2,MSP,CL5S,4,12,8,12,840,12,10,MNAVG,0.00393227200000,0.00006532463000
C5B1H1S1P3L1M3J1E1A3,MSP,CL5S,4,12,8,12,840,12,10,MNHVY,0.00464088600000,0.00083964400000
C5B1H1S1P3L1M3J1E2A1,MSP,CL5S,4,12,8,12,840,12,40,MEPDG,0.00469946200000,0.00034966440000
C5B1H1S1P3L1M3J1E2A2,MSP,CL5S,4,12,8,12,840,12,40,MNAVG,0.00141385300000,0.00002454830000
C5B1H1S1P3L1M3J1E2A3,MSP,CL5S,4,12,8,12,840,12,40,MNHVY,0.00154739900000,0.00032320470000
C5B1H1S1P3L1M3J2E1A1,MSP,CL5S,4,12,8,12,840,15,10,MEPDG,0.06991069000000,0.00624037800000
C5B1H1S1P3L1M3J2E1A2,MSP,CL5S,4,12,8,12,840,15,10,MNAVG,0.02535144000000,0.00095065730000
C5B1H1S1P3L1M3J2E1A3,MSP,CL5S,4,12,8,12,840,15,10,MNHVY,0.05120407000000,0.01074578000000
C5B1H1S1P3L1M3J2E2A1,MSP,CL5S,4,12,8,12,840,15,40,MEPDG,0.02663720000000,0.00267379100000
C5B1H1S1P3L1M3J2E2A2,MSP,CL5S,4,12,8,12,840,15,40,MNAVG,0.01037908000000,0.00037851020000
C5B1H1S1P3L1M3J2E2A3,MSP,CL5S,4,12,8,12,840,15,40,MNHVY,0.01920338000000,0.00434068500000
C5B1H1S1P3L2M1J1E1A1,MSP,CL5S,4,12,8,13,340,12,10,MEPDG,1.23000700000000,0.11300690000000
C5B1H1S1P3L2M1J1E1A2,MSP,CL5S,4,12,8,13,340,12,10,MNAVG,0.68832490000000,0.01530588000000
C5B1H1S1P3L2M1J1E1A3,MSP,CL5S,4,12,8,13,340,12,10,MNHVY,1.08864400000000,0.17186850000000
C5B1H1S1P3L2M1J1E2A1,MSP,CL5S,4,12,8,13,340,12,40,MEPDG,1.23000700000000,0.11300690000000
C5B1H1S1P3L2M1J1E2A2,MSP,CL5S,4,12,8,13,340,12,40,MNAVG,0.68832490000000,0.01530588000000
C5B1H1S1P3L2M1J1E2A3,MSP,CL5S,4,12,8,13,340,12,40,MNHVY,1.08864400000000,0.17186850000000
C5B1H1S1P3L2M1J2E1A1,MSP,CL5S,4,12,8,13,340,15,10,MEPDG,2.32307300000000,0.26628370000000
C5B1H1S1P3L2M1J2E1A2,MSP,CL5S,4,12,8,13,340,15,10,MNAVG,1.53959700000000,0.05257638000000
C5B1H1S1P3L2M1J2E1A3,MSP,CL5S,4,12,8,13,340,15,10,MNHVY,2.66414800000000,0.50205210000000
C5B1H1S1P3L2M1J2E2A1,MSP,CL5S,4,12,8,13,340,15,40,MEPDG,2.32307300000000,0.26628370000000
C5B1H1S1P3L2M1J2E2A2,MSP,CL5S,4,12,8,13,340,15,40,MNAVG,1.53959700000000,0.05257638000000
C5B1H1S1P3L2M1J2E2A3,MSP,CL5S,4,12,8,13,340,15,40,MNHVY,2.66414800000000,0.50205210000000
C5B1H1S1P3L2M2J1E1A1,MSP,CL5S,4,12,8,13,590,12,10,MEPDG,0.02421700000000,0.00305322400000
C5B1H1S1P3L2M2J1E1A2,MSP,CL5S,4,12,8,13,590,12,10,MNAVG,0.00880376700000,0.00032311770000
C5B1H1S1P3L2M2J1E1A3,MSP,CL5S,4,12,8,13,590,12,10,MNHVY,0.01174166000000,0.00390783900000
C5B1H1S1P3L2M2J1E2A1,MSP,CL5S,4,12,8,13,590,12,40,MEPDG,0.02421700000000,0.00305322400000
C5B1H1S1P3L2M2J1E2A2,MSP,CL5S,4,12,8,13,590,12,40,MNAVG,0.00880376700000,0.00032311770000
C5B1H1S1P3L2M2J1E2A3,MSP,CL5S,4,12,8,13,590,12,40,MNHVY,0.01174166000000,0.00390783900000
C5B1H1S1P3L2M2J2E1A1,MSP,CL5S,4,12,8,13,590,15,10,MEPDG,0.08477560000000,0.01659860000000
C5B1H1S1P3L2M2J2E1A2,MSP,CL5S,4,12,8,13,590,15,10,MNAVG,0.04269609000000,0.00295531400000
C5B1H1S1P3L2M2J2E1A3,MSP,CL5S,4,12,8,13,590,15,10,MNHVY,0.07407328000000,0.03038894000000
C5B1H1S1P3L2M2J2E2A1,MSP,CL5S,4,12,8,13,590,15,40,MEPDG,0.08477560000000,0.01659860000000
C5B1H1S1P3L2M2J2E2A2,MSP,CL5S,4,12,8,13,590,15,40,MNAVG,0.04269609000000,0.00295531400000
```

```
C5B1H1S1P3L2M2J2E2A3,MSP,CL5S,4,12,8,13,590,15,40,MNHVY,0.07407328000000,0.03038894000000
C5B1H1S1P3L2M3J1E1A1,MSP,CL5S,4,12,8,13,840,12,10,MEPDG,0.00090716880000,0.00011235490000
C5B1H1S1P3L2M3J1E1A2,MSP,CL5S,4,12,8,13,840,12,10,MNAVG,0.00027679840000,0.00000789698800
C5B1H1S1P3L2M3J1E1A3,MSP,CL5S,4,12,8,13,840,12,10,MNHVY,0.00029558710000,0.00010333620000
C5B1H1S1P3L2M3J1E2A1,MSP,CL5S,4,12,8,13,840,12,40,MEPDG,0.00090716880000,0.00011235490000
C5B1H1S1P3L2M3J1E2A2,MSP,CL5S,4,12,8,13,840,12,40,MNAVG,0.00027679840000,0.00000789698800
C5B1H1S1P3L2M3J1E2A3,MSP,CL5S,4,12,8,13,840,12,40,MNHVY,0.00029558710000,0.00010333620000
C5B1H1S1P3L2M3J2E1A1,MSP,CL5S,4,12,8,13,840,15,10,MEPDG,0.00588829200000,0.00105474800000
C5B1H1S1P3L2M3J2E1A2,MSP,CL5S,4,12,8,13,840,15,10,MNAVG,0.00232329800000,0.00015341450000
C5B1H1S1P3L2M3J2E1A3,MSP,CL5S,4,12,8,13,840,15,10,MNHVY,0.00434966100000,0.00174209500000
C5B1H1S1P3L2M3J2E2A1,MSP,CL5S,4,12,8,13,840,15,40,MEPDG,0.00588829200000,0.00105474800000
C5B1H1S1P3L2M3J2E2A2,MSP,CL5S,4,12,8,13,840,15,40,MNAVG,0.00232329800000,0.00015341450000
C5B1H1S1P3L2M3J2E2A3,MSP,CL5S,4,12,8,13,840,15,40,MNHVY,0.00434966100000,0.00174209500000
C5B1H1S1P4L1M1J1E1A1,MSP,CL5S,4,12,9,12,340,12,10,MEPDG,2.90105600000000,0.32463710000000
C5B1H1S1P4L1M1J1E1A2,MSP,CL5S,4,12,9,12,340,12,10,MNAVG,1.37512900000000,0.04611921000000
C5B1H1S1P4L1M1J1E1A3,MSP,CL5S,4,12,9,12,340,12,10,MNHVY,2.15380100000000,0.53544420000000
C5B1H1S1P4L1M1J1E2A1,MSP,CL5S,4,12,9,12,340,12,40,MEPDG,1.35308600000000,0.17082450000000
C5B1H1S1P4L1M1J1E2A2,MSP,CL5S,4,12,9,12,340,12,40,MNAVG,0.63252300000000,0.02254575000000
C5B1H1S1P4L1M1J1E2A3,MSP,CL5S,4,12,9,12,340,12,40,MNHVY,0.93380680000000,0.26449640000000
C5B1H1S1P4L1M1J2E1A1,MSP,CL5S,4,12,9,12,340,15,10,MEPDG,6.16785800000000,0.83771180000000
C5B1H1S1P4L1M1J2E1A2,MSP,CL5S,4,12,9,12,340,15,10,MNAVG,3.59229300000000,0.16016460000000
C5B1H1S1P4L1M1J2E1A3,MSP,CL5S,4,12,9,12,340,15,10,MNHVY,6.43171300000000,1.61380500000000
C5B1H1S1P4L1M1J2E2A1,MSP,CL5S,4,12,9,12,340,15,40,MEPDG,3.15523300000000,0.45840950000000
C5B1H1S1P4L1M1J2E2A2,MSP,CL5S,4,12,9,12,340,15,40,MNAVG,1.86429100000000,0.08614372000000
C5B1H1S1P4L1M1J2E2A3,MSP,CL5S,4,12,9,12,340,15,40,MNHVY,3.21399500000000,0.87019710000000
C5B1H1S1P4L1M2J1E1A1,MSP,CL5S,4,12,9,12,590,12,10,MEPDG,0.04822531000000,0.00629509800000
C5B1H1S1P4L1M2J1E1A2,MSP,CL5S,4,12,9,12,590,12,10,MNAVG,0.01332636000000,0.00070951970000
C5B1H1S1P4L1M2J1E1A3,MSP,CL5S,4,12,9,12,590,12,10,MNHVY,0.01664917000000,0.00886985600000
C5B1H1S1P4L1M2J1E2A1,MSP,CL5S,4,12,9,12,590,12,40,MEPDG,0.01664495000000,0.00304044300000
C5B1H1S1P4L1M2J1E2A2,MSP,CL5S,4,12,9,12,590,12,40,MNAVG,0.00494725800000,0.00030420380000
C5B1H1S1P4L1M2J1E2A3,MSP,CL5S,4,12,9,12,590,12,40,MNHVY,0.00555737400000,0.00387673600000
C5B1H1S1P4L1M2J2E1A1,MSP,CL5S,4,12,9,12,590,15,10,MEPDG,0.19075170000000,0.04024990000000
C5B1H1S1P4L1M2J2E1A2,MSP,CL5S,4,12,9,12,590,15,10,MNAVG,0.07114730000000,0.00691132200000
C5B1H1S1P4L1M2J2E1A3,MSP,CL5S,4,12,9,12,590,15,10,MNHVY,0.13160510000000,0.07576469000000
C5B1H1S1P4L1M2J2E2A1,MSP,CL5S,4,12,9,12,590,15,40,MEPDG,0.07660375000000,0.01928754000000
C5B1H1S1P4L1M2J2E2A2,MSP,CL5S,4,12,9,12,590,15,40,MNAVG,0.03057211000000,0.00318989400000
C5B1H1S1P4L1M2J2E2A3,MSP,CL5S,4,12,9,12,590,15,40,MNHVY,0.05188534000000,0.03519742000000
C5B1H1S1P4L1M3J1E1A1,MSP,CL5S,4,12,9,12,840,12,10,MEPDG,0.00157338000000,0.00016955480000
C5B1H1S1P4L1M3J1E1A2,MSP,CL5S,4,12,9,12,840,12,10,MNAVG,0.00038588880000,0.00001297593000
C5B1H1S1P4L1M3J1E1A3,MSP,CL5S,4,12,9,12,840,12,10,MNHVY,0.00035802080000,0.00017251110000
C5B1H1S1P4L1M3J1E2A1,MSP,CL5S,4,12,9,12,840,12,40,MEPDG,0.00041437550000,0.00008179068000
C5B1H1S1P4L1M3J1E2A2,MSP,CL5S,4,12,9,12,840,12,40,MNAVG,0.00011956440000,0.00000534110900
C5B1H1S1P4L1M3J1E2A3,MSP,CL5S,4,12,9,12,840,12,40,MNHVY,0.00009946509000,0.00007205051000
C5B1H1S1P4L1M3J2E1A1,MSP,CL5S,4,12,9,12,840,15,10,MEPDG,0.00963005100000,0.00214021100000
C5B1H1S1P4L1M3J2E1A2,MSP,CL5S,4,12,9,12,840,15,10,MNAVG,0.00251984000000,0.00030105250000
C5B1H1S1P4L1M3J2E1A3,MSP,CL5S,4,12,9,12,840,15,10,MNHVY,0.00424439700000,0.00361591900000
C5B1H1S1P4L1M3J2E2A1,MSP,CL5S,4,12,9,12,840,15,40,MEPDG,0.00308678500000,0.00095079560000
C5B1H1S1P4L1M3J2E2A2,MSP,CL5S,4,12,9,12,840,15,40,MNAVG,0.00090698340000,0.00012574270000
C5B1H1S1P4L1M3J2E2A3,MSP,CL5S,4,12,9,12,840,15,40,MNHVY,0.00134177200000,0.00152605800000
C5B1H1S1P4L2M1J1E1A1,MSP,CL5S,4,12,9,13,340,12,10,MEPDG,0.30819790000000,0.06677658000000
```

```
C5B1H1S1P4L2M1J1E1A2,MSP,CL5S,4,12,9,13,340,12,10,MNAVG,0.13968920000000,0.00919037700000
C5B1H1S1P4L2M1J1E1A3,MSP,CL5S,4,12,9,13,340,12,10,MNHVY,0.20458650000000,0.10590460000000
C5B1H1S1P4L2M1J1E2A1,MSP,CL5S,4,12,9,13,340,12,40,MEPDG,0.30819790000000,0.06677658000000
C5B1H1S1P4L2M1J1E2A2,MSP,CL5S,4,12,9,13,340,12,40,MNAVG,0.13968920000000,0.00919037700000
C5B1H1S1P4L2M1J1E2A3,MSP,CL5S,4,12,9,13,340,12,40,MNHVY,0.20458650000000,0.10590460000000
C5B1H1S1P4L2M1J2E1A1,MSP,CL5S,4,12,9,13,340,15,10,MEPDG,0.77631550000000,0.21798990000000
C5B1H1S1P4L2M1J2E1A2,MSP,CL5S,4,12,9,13,340,15,10,MNAVG,0.45596470000000,0.04273265000000
C5B1H1S1P4L2M1J2E1A3,MSP,CL5S,4,12,9,13,340,15,10,MNHVY,0.78544650000000,0.42048680000000
C5B1H1S1P4L2M1J2E2A1,MSP,CL5S,4,12,9,13,340,15,40,MEPDG,0.77631550000000,0.21798990000000
C5B1H1S1P4L2M1J2E2A2,MSP,CL5S,4,12,9,13,340,15,40,MNAVG,0.45596470000000,0.04273265000000
C5B1H1S1P4L2M1J2E2A3,MSP,CL5S,4,12,9,13,340,15,40,MNHVY,0.78544650000000,0.42048680000000
C5B1H1S1P4L2M2J1E1A1,MSP,CL5S,4,12,9,13,590,12,10,MEPDG,0.00330414400000,0.00108195200000
C5B1H1S1P4L2M2J1E1A2,MSP,CL5S,4,12,9,13,590,12,10,MNAVG,0.00099119950000,0.00011115260000
C5B1H1S1P4L2M2J1E1A3,MSP,CL5S,4,12,9,13,590,12,10,MNHVY,0.00108008000000,0.00140016300000
C5B1H1S1P4L2M2J1E2A1,MSP,CL5S,4,12,9,13,590,12,40,MEPDG,0.00330414400000,0.00108195200000
C5B1H1S1P4L2M2J1E2A2,MSP,CL5S,4,12,9,13,590,12,40,MNAVG,0.00099119950000,0.00011115260000
C5B1H1S1P4L2M2J1E2A3,MSP,CL5S,4,12,9,13,590,12,40,MNHVY,0.00108008000000,0.00140016300000
C5B1H1S1P4L2M2J2E1A1,MSP,CL5S,4,12,9,13,590,15,10,MEPDG,0.01705075000000,0.00846657400000
C5B1H1S1P4L2M2J2E1A2,MSP,CL5S,4,12,9,13,590,15,10,MNAVG,0.00688921900000,0.00144858900000
C5B1H1S1P4L2M2J2E1A3,MSP,CL5S,4,12,9,13,590,15,10,MNHVY,0.01162298000000,0.01569954000000
C5B1H1S1P4L2M2J2E2A1,MSP,CL5S,4,12,9,13,590,15,40,MEPDG,0.01705075000000,0.00846657400000
C5B1H1S1P4L2M2J2E2A2,MSP,CL5S,4,12,9,13,590,15,40,MNAVG,0.00688921900000,0.00144858900000
C5B1H1S1P4L2M2J2E2A3,MSP,CL5S,4,12,9,13,590,15,40,MNHVY,0.01162298000000,0.01569954000000
C5B1H1S1P4L2M3J1E1A1,MSP,CL5S,4,12,9,13,840,12,10,MEPDG,0.00007303810000,0.00002707537000
C5B1H1S1P4L2M3J1E1A2,MSP,CL5S,4,12,9,13,840,12,10,MNAVG,0.00002189868000,0.00000177757600
C5B1H1S1P4L2M3J1E1A3,MSP,CL5S,4,12,9,13,840,12,10,MNHVY,0.00001759353000,0.00002384421000
C5B1H1S1P4L2M3J1E2A1,MSP,CL5S,4,12,9,13,840,12,40,MEPDG,0.00007303810000,0.00002707537000
C5B1H1S1P4L2M3J1E2A2,MSP,CL5S,4,12,9,13,840,12,40,MNAVG,0.00002189868000,0.00000177757600
C5B1H1S1P4L2M3J1E2A3,MSP,CL5S,4,12,9,13,840,12,40,MNHVY,0.00001759353000,0.00002384421000
C5B1H1S1P4L2M3J2E1A1,MSP,CL5S,4,12,9,13,840,15,10,MEPDG,0.00061592440000,0.00037917860000
C5B1H1S1P4L2M3J2E1A2,MSP,CL5S,4,12,9,13,840,15,10,MNAVG,0.00018481360000,0.00005133104000
C5B1H1S1P4L2M3J2E1A3,MSP,CL5S,4,12,9,13,840,15,10,MNHVY,0.00026761230000,0.00061594060000
C5B1H1S1P4L2M3J2E2A1,MSP,CL5S,4,12,9,13,840,15,40,MEPDG,0.00061592440000,0.00037917860000
C5B1H1S1P4L2M3J2E2A2,MSP,CL5S,4,12,9,13,840,15,40,MNAVG,0.00018481360000,0.00005133104000
C5B1H1S1P4L2M3J2E2A3,MSP,CL5S,4,12,9,13,840,15,40,MNHVY,0.00026761230000,0.00061594060000
C5B1H1S1P5L1M1J1E1A1,MSP,CL5S,4,12,10,12,340,12,10,MEPDG,0.78703450000000,0.16795240000000
C5B1H1S1P5L1M1J1E1A2,MSP,CL5S,4,12,10,12,340,12,10,MNAVG,0.28640790000000,0.02263639000000
C5B1H1S1P5L1M1J1E1A3,MSP,CL5S,4,12,10,12,340,12,10,MNHVY,0.42706750000000,0.27693730000000
C5B1H1S1P5L1M1J1E2A1,MSP,CL5S,4,12,10,12,340,12,40,MEPDG,0.32875310000000,0.08869566000000
C5B1H1S1P5L1M1J1E2A2,MSP,CL5S,4,12,10,12,340,12,40,MNAVG,0.12125290000000,0.01117671000000
C5B1H1S1P5L1M1J1E2A3,MSP,CL5S,4,12,10,12,340,12,40,MNHVY,0.16538930000000,0.13800640000000
C5B1H1S1P5L1M1J2E1A1,MSP,CL5S,4,12,10,12,340,15,10,MEPDG,2.09703300000000,0.56381270000000
C5B1H1S1P5L1M1J2E1A2,MSP,CL5S,4,12,10,12,340,15,10,MNAVG,1.00152400000000,0.10297390000000
C5B1H1S1P5L1M1J2E1A3,MSP,CL5S,4,12,10,12,340,15,10,MNHVY,1.82363900000000,1.09827900000000
C5B1H1S1P5L1M1J2E2A1,MSP,CL5S,4,12,10,12,340,15,40,MEPDG,0.97884790000000,0.30903950000000
C5B1H1S1P5L1M1J2E2A2,MSP,CL5S,4,12,10,12,340,15,40,MNAVG,0.48541760000000,0.05564415000000
C5B1H1S1P5L1M1J2E2A3,MSP,CL5S,4,12,10,12,340,15,40,MNHVY,0.82866730000000,0.59214650000000
C5B1H1S1P5L1M2J1E1A1,MSP,CL5S,4,12,10,12,590,12,10,MEPDG,0.00771944900000,0.00192271300000
C5B1H1S1P5L1M2J1E1A2,MSP,CL5S,4,12,10,12,590,12,10,MNAVG,0.00182880000000,0.00018755580000
C5B1H1S1P5L1M2J1E1A3,MSP,CL5S,4,12,10,12,590,12,10,MNHVY,0.00194617800000,0.00248667400000
```

```
C5B1H1S1P5L1M2J1E2A1,MSP,CL5S,4,12,10,12,590,12,40,MEPDG,0.00227124600000,0.00097308790000
C5B1H1S1P5L1M2J1E2A2,MSP,CL5S,4,12,10,12,590,12,40,MNAVG,0.00062071560000,0.00008650109000
C5B1H1S1P5L1M2J1E2A3,MSP,CL5S,4,12,10,12,590,12,40,MNHVY,0.00058794460000,0.00115389000000
C5B1H1S1P5L1M2J2E1A1,MSP,CL5S,4,12,10,12,590,15,10,MEPDG,0.03862264000000,0.01737629000000
C5B1H1S1P5L1M2J2E1A2,MSP,CL5S,4,12,10,12,590,15,10,MNAVG,0.01090706000000,0.00268738200000
C5B1H1S1P5L1M2J2E1A3,MSP,CL5S,4,12,10,12,590,15,10,MNHVY,0.01894527000000,0.03179368000000
C5B1H1S1P5L1M2J2E2A1,MSP,CL5S,4,12,10,12,590,15,40,MEPDG,0.01357313000000,0.00856969300000
C5B1H1S1P5L1M2J2E2A2,MSP,CL5S,4,12,10,12,590,15,40,MNAVG,0.00426198800000,0.00128653300000
C5B1H1S1P5L1M2J2E2A3,MSP,CL5S,4,12,10,12,590,15,40,MNHVY,0.00661503400000,0.01524995000000
C5B1H1S1P5L1M3J1E1A1,MSP,CL5S,4,12,10,12,840,12,10,MEPDG,0.00017937820000,0.00003775755000
C5B1H1S1P5L1M3J1E1A2,MSP,CL5S,4,12,10,12,840,12,10,MNAVG,0.00004145324000,0.00000240231600
C5B1H1S1P5L1M3J1E1A3,MSP,CL5S,4,12,10,12,840,12,10,MNHVY,0.00003243175000,0.00003368584000
C5B1H1S1P5L1M3J1E2A1,MSP,CL5S,4,12,10,12,840,12,40,MEPDG,0.00003951923000,0.00001977066000
C5B1H1S1P5L1M3J1E2A2,MSP,CL5S,4,12,10,12,840,12,40,MNAVG,0.00001134280000,0.00000112477900
C5B1H1S1P5L1M3J1E2A3,MSP,CL5S,4,12,10,12,840,12,40,MNHVY,0.00000803665400,0.00001571504000
C5B1H1S1P5L1M3J2E1A1,MSP,CL5S,4,12,10,12,840,15,10,MEPDG,0.00139586400000,0.00067699470000
C5B1H1S1P5L1M3J2E1A2,MSP,CL5S,4,12,10,12,840,15,10,MNAVG,0.00029650580000,0.00008348061000
C5B1H1S1P5L1M3J2E1A3,MSP,CL5S,4,12,10,12,840,15,10,MNHVY,0.00047493360000,0.00106796700000
C5B1H1S1P5L1M3J2E2A1,MSP,CL5S,4,12,10,12,840,15,40,MEPDG,0.00038671590000,0.00031364380000
C5B1H1S1P5L1M3J2E2A2,MSP,CL5S,4,12,10,12,840,15,40,MNAVG,0.00009683504000,0.00003670728000
C5B1H1S1P5L1M3J2E2A3,MSP,CL5S,4,12,10,12,840,15,40,MNHVY,0.00013516780000,0.00047200000000
C5B1H1S1P5L2M1J1E1A1,MSP,CL5S,4,12,10,13,340,12,10,MEPDG,0.07137807000000,0.03520750000000
C5B1H1S1P5L2M1J1E1A2,MSP,CL5S,4,12,10,13,340,12,10,MNAVG,0.02584110000000,0.00459489900000
C5B1H1S1P5L2M1J1E1A3,MSP,CL5S,4,12,10,13,340,12,10,MNHVY,0.03453486000000,0.05584531000000
C5B1H1S1P5L2M1J1E2A1,MSP,CL5S,4,12,10,13,340,12,40,MEPDG,0.07137807000000,0.03520750000000
C5B1H1S1P5L2M1J1E2A2,MSP,CL5S,4,12,10,13,340,12,40,MNAVG,0.02584110000000,0.00459489900000
C5B1H1S1P5L2M1J1E2A3,MSP,CL5S,4,12,10,13,340,12,40,MNHVY,0.03453486000000,0.05584531000000
C5B1H1S1P5L2M1J2E1A1,MSP,CL5S,4,12,10,13,340,15,10,MEPDG,0.23166100000000,0.14930610000000
C5B1H1S1P5L2M1J2E1A2,MSP,CL5S,4,12,10,13,340,15,10,MNAVG,0.11484840000000,0.02791775000000
C5B1H1S1P5L2M1J2E1A3,MSP,CL5S,4,12,10,13,340,15,10,MNHVY,0.19443780000000,0.29062580000000
C5B1H1S1P5L2M1J2E2A1,MSP,CL5S,4,12,10,13,340,15,40,MEPDG,0.23166100000000,0.14930610000000
C5B1H1S1P5L2M1J2E2A2,MSP,CL5S,4,12,10,13,340,15,40,MNAVG,0.11484840000000,0.02791775000000
C5B1H1S1P5L2M1J2E2A3,MSP,CL5S,4,12,10,13,340,15,40,MNHVY,0.19443780000000,0.29062580000000
C5B1H1S1P5L2M2J1E1A1,MSP,CL5S,4,12,10,13,590,12,10,MEPDG,0.00042090290000,0.00035327760000
C5B1H1S1P5L2M2J1E1A2,MSP,CL5S,4,12,10,13,590,12,10,MNAVG,0.00011899370000,0.00003205431000
C5B1H1S1P5L2M2J1E1A3,MSP,CL5S,4,12,10,13,590,12,10,MNHVY,0.00010862460000,0.00042446540000
C5B1H1S1P5L2M2J1E2A1,MSP,CL5S,4,12,10,13,590,12,40,MEPDG,0.00042090290000,0.00035327760000
C5B1H1S1P5L2M2J1E2A2,MSP,CL5S,4,12,10,13,590,12,40,MNAVG,0.00011899370000,0.00003205431000
C5B1H1S1P5L2M2J1E2A3,MSP,CL5S,4,12,10,13,590,12,40,MNHVY,0.00010862460000,0.00042446540000
C5B1H1S1P5L2M2J2E1A1,MSP,CL5S,4,12,10,13,590,15,10,MEPDG,0.00282932500000,0.00379714100000
C5B1H1S1P5L2M2J2E1A2,MSP,CL5S,4,12,10,13,590,15,10,MNAVG,0.00090753570000,0.00058871680000
C5B1H1S1P5L2M2J2E1A3,MSP,CL5S,4,12,10,13,590,15,10,MNHVY,0.00138449400000,0.00686248200000
C5B1H1S1P5L2M2J2E2A1,MSP,CL5S,4,12,10,13,590,15,40,MEPDG,0.00282932500000,0.00379714100000
C5B1H1S1P5L2M2J2E2A2,MSP,CL5S,4,12,10,13,590,15,40,MNAVG,0.00090753570000,0.00058871680000
C5B1H1S1P5L2M2J2E2A3,MSP,CL5S,4,12,10,13,590,15,40,MNHVY,0.00138449400000,0.00686248200000
C5B1H1S1P5L2M3J1E1A1,MSP,CL5S,4,12,10,13,840,12,10,MEPDG,0.00000645147000,0.00000683059300
C5B1H1S1P5L2M3J1E1A2,MSP,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000195285100,0.00000039296080
C5B1H1S1P5L2M3J1E1A3,MSP,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000133819100,0.00000547170900
C5B1H1S1P5L2M3J1E2A1,MSP,CL5S,4,12,10,13,840,12,40,MEPDG,0.00000645147000,0.00000683059300
C5B1H1S1P5L2M3J1E2A2,MSP,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000195285100,0.00000039296080
```

```
C5B1H1S1P5L2M3J1E2A3,MSP,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000133819100,0.00000547170900
C5B1H1S1P5L2M3J2E1A1,MSP,CL5S,4,12,10,13,840,15,10,MEPDG,0.00007278806000,0.00012897110000
C5B1H1S1P5L2M3J2E1A2,MSP,CL5S,4,12,10,13,840,15,10,MNAVG,0.00001883826000,0.00001554005000
C5B1H1S1P5L2M3J2E1A3,MSP,CL5S,4,12,10,13,840,15,10,MNHVY,0.00002578424000,0.00019745680000
C5B1H1S1P5L2M3J2E2A1,MSP,CL5S,4,12,10,13,840,15,40,MEPDG,0.00007278806000,0.00012897110000
C5B1H1S1P5L2M3J2E2A2,MSP,CL5S,4,12,10,13,840,15,40,MNAVG,0.00001883826000,0.00001554005000
C5B1H1S1P5L2M3J2E2A3,MSP,CL5S,4,12,10,13,840,15,40,MNHVY,0.00002578424000,0.00019745680000
C5B1H1S1P6L1M1J1E1A1,MSP,CL5S,4,12,11,12,340,12,10,MEPDG,0.20118570000000,0.07900982000000
C5B1H1S1P6L1M1J1E1A2,MSP,CL5S,4,12,11,12,340,12,10,MNAVG,0.05715639000000,0.00957118000000
C5B1H1S1P6L1M1J1E1A3,MSP,CL5S,4,12,11,12,340,12,10,MNHVY,0.07903145000000,0.12425800000000
C5B1H1S1P6L1M1J1E2A1,MSP,CL5S,4,12,11,12,340,12,40,MEPDG,0.07484338000000,0.04261051000000
C5B1H1S1P6L1M1J1E2A2,MSP,CL5S,4,12,11,12,340,12,40,MNAVG,0.02246215000000,0.00489279900000
C5B1H1S1P6L1M1J1E2A3,MSP,CL5S,4,12,11,12,340,12,40,MNHVY,0.02771704000000,0.06372498000000
C5B1H1S1P6L1M1J2E1A1,MSP,CL5S,4,12,11,12,340,15,10,MEPDG,0.65504860000000,0.34178800000000
C5B1H1S1P6L1M1J2E1A2,MSP,CL5S,4,12,11,12,340,15,10,MNAVG,0.24809190000000,0.05748050000000
C5B1H1S1P6L1M1J2E1A3,MSP,CL5S,4,12,11,12,340,15,10,MNHVY,0.44777200000000,0.65847180000000
C5B1H1S1P6L1M1J2E2A1,MSP,CL5S,4,12,11,12,340,15,40,MEPDG,0.27673560000000,0.18934490000000
C5B1H1S1P6L1M1J2E2A2,MSP,CL5S,4,12,11,12,340,15,40,MNAVG,0.11142300000000,0.03161332000000
C5B1H1S1P6L1M1J2E2A3,MSP,CL5S,4,12,11,12,340,15,40,MNHVY,0.18358920000000,0.35955080000000
C5B1H1S1P6L1M2J1E1A1,MSP,CL5S,4,12,11,12,590,12,10,MEPDG,0.00122336100000,0.00058474110000
C5B1H1S1P6L1M2J1E1A2,MSP,CL5S,4,12,11,12,590,12,10,MNAVG,0.00026757950000,0.00004693006000
C5B1H1S1P6L1M2J1E1A3,MSP,CL5S,4,12,11,12,590,12,10,MNHVY,0.00023975800000,0.00066530470000
C5B1H1S1P6L1M2J1E2A1,MSP,CL5S,4,12,11,12,590,12,40,MEPDG,0.00030882810000,0.00031472630000
C5B1H1S1P6L1M2J1E2A2,MSP,CL5S,4,12,11,12,590,12,40,MNAVG,0.00008259329000,0.00002384261000
C5B1H1S1P6L1M2J1E2A3,MSP,CL5S,4,12,11,12,590,12,40,MNHVY,0.00006602777000,0.00033543240000
C5B1H1S1P6L1M2J2E1A1,MSP,CL5S,4,12,11,12,590,15,10,MEPDG,0.00707086600000,0.00702840600000
C5B1H1S1P6L1M2J2E1A2,MSP,CL5S,4,12,11,12,590,15,10,MNAVG,0.00159488400000,0.00094626350000
C5B1H1S1P6L1M2J2E1A3,MSP,CL5S,4,12,11,12,590,15,10,MNHVY,0.00242718900000,0.01206684000000
C5B1H1S1P6L1M2J2E2A1,MSP,CL5S,4,12,11,12,590,15,40,MEPDG,0.00217504500000,0.00357263400000
C5B1H1S1P6L1M2J2E2A2,MSP,CL5S,4,12,11,12,590,15,40,MNAVG,0.00057117920000,0.00047262610000
C5B1H1S1P6L1M2J2E2A3,MSP,CL5S,4,12,11,12,590,15,40,MNHVY,0.00076941560000,0.00599918700000
C5B1H1S1P6L1M3J1E1A1,MSP,CL5S,4,12,11,12,840,12,10,MEPDG,0.00001960358000,0.00000954821400
C5B1H1S1P6L1M3J1E1A2,MSP,CL5S,4,12,11,12,840,12,10,MNAVG,0.00000421155300,0.00000051949230
C5B1H1S1P6L1M3J1E1A3,MSP,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000277555900,0.00000765542200
C5B1H1S1P6L1M3J1E2A1,MSP,CL5S,4,12,11,12,840,12,40,MEPDG,0.00000363324400,0.00000541718700
C5B1H1S1P6L1M3J1E2A2,MSP,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000102367300,0.00000027042820
C5B1H1S1P6L1M3J1E2A3,MSP,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000061808580,0.00000394002900
C5B1H1S1P6L1M3J2E1A1,MSP,CL5S,4,12,11,12,840,15,10,MEPDG,0.00015784670000,0.00021506490000
C5B1H1S1P6L1M3J2E1A2,MSP,CL5S,4,12,11,12,840,15,10,MNAVG,0.00002866723000,0.00002239723000
C5B1H1S1P6L1M3J2E1A3,MSP,CL5S,4,12,11,12,840,15,10,MNHVY,0.00003709841000,0.00030697060000
C5B1H1S1P6L1M3J2E2A1,MSP,CL5S,4,12,11,12,840,15,40,MEPDG,0.00003690899000,0.00010559500000
C5B1H1S1P6L1M3J2E2A2,MSP,CL5S,4,12,11,12,840,15,40,MNAVG,0.00000830905400,0.00001070633000
C5B1H1S1P6L1M3J2E2A3,MSP,CL5S,4,12,11,12,840,15,40,MNHVY,0.00000923897500,0.00014559030000
C5B1H1S1P6L2M1J1E1A1,MSP,CL5S,4,12,11,13,340,12,10,MEPDG,0.01544285000000,0.01714727000000
C5B1H1S1P6L2M1J1E1A2,MSP,CL5S,4,12,11,13,340,12,10,MNAVG,0.00463963300000,0.00201911300000
C5B1H1S1P6L2M1J1E1A3,MSP,CL5S,4,12,11,13,340,12,10,MNHVY,0.00554163000000,0.02605507000000
C5B1H1S1P6L2M1J1E2A1,MSP,CL5S,4,12,11,13,340,12,40,MEPDG,0.01544285000000,0.01714727000000
C5B1H1S1P6L2M1J1E2A2,MSP,CL5S,4,12,11,13,340,12,40,MNAVG,0.00463963300000,0.00201911300000
C5B1H1S1P6L2M1J1E2A3,MSP,CL5S,4,12,11,13,340,12,40,MNHVY,0.00554163000000,0.02605507000000
C5B1H1S1P6L2M1J2E1A1,MSP,CL5S,4,12,11,13,340,15,10,MEPDG,0.06244837000000,0.09247334000000
```

```
C5B1H1S1P6L2M1J2E1A2,MSP,CL5S,4,12,11,13,340,15,10,MNAVG,0.02528208000000,0.01598680000000
C5B1H1S1P6L2M1J2E1A3,MSP,CL5S,4,12,11,13,340,15,10,MNHVY,0.04093992000000,0.17827130000000
C5B1H1S1P6L2M1J2E2A1,MSP,CL5S,4,12,11,13,340,15,40,MEPDG,0.06244837000000,0.09247334000000
C5B1H1S1P6L2M1J2E2A2,MSP,CL5S,4,12,11,13,340,15,40,MNAVG,0.02528208000000,0.01598680000000
C5B1H1S1P6L2M1J2E2A3,MSP,CL5S,4,12,11,13,340,15,40,MNHVY,0.04093992000000,0.17827130000000
C5B1H1S1P6L2M2J1E1A1,MSP,CL5S,4,12,11,13,590,12,10,MEPDG,0.00005365159000,0.00011820800000
C5B1H1S1P6L2M2J1E1A2,MSP,CL5S,4,12,11,13,590,12,10,MNAVG,0.00001510552000,0.00000915606100
C5B1H1S1P6L2M2J1E1A3,MSP,CL5S,4,12,11,13,590,12,10,MNHVY,0.00001163788000,0.00012826860000
C5B1H1S1P6L2M2J1E2A1,MSP,CL5S,4,12,11,13,590,12,40,MEPDG,0.00005365159000,0.00011820800000
C5B1H1S1P6L2M2J1E2A2,MSP,CL5S,4,12,11,13,590,12,40,MNAVG,0.00001510552000,0.00000915606100
C5B1H1S1P6L2M2J1E2A3,MSP,CL5S,4,12,11,13,590,12,40,MNHVY,0.00001163788000,0.00012826860000
C5B1H1S1P6L2M2J2E1A1,MSP,CL5S,4,12,11,13,590,15,10,MEPDG,0.00042597060000,0.00160432000000
C5B1H1S1P6L2M2J2E1A2,MSP,CL5S,4,12,11,13,590,15,10,MNAVG,0.00011585520000,0.00021877210000
C5B1H1S1P6L2M2J2E1A3,MSP,CL5S,4,12,11,13,590,15,10,MNHVY,0.00015293560000,0.00274178000000
C5B1H1S1P6L2M2J2E2A1,MSP,CL5S,4,12,11,13,590,15,40,MEPDG,0.00042597060000,0.00160432000000
C5B1H1S1P6L2M2J2E2A2,MSP,CL5S,4,12,11,13,590,15,40,MNAVG,0.00011585520000,0.00021877210000
C5B1H1S1P6L2M2J2E2A3,MSP,CL5S,4,12,11,13,590,15,40,MNHVY,0.00015293560000,0.00274178000000
C5B1H1S1P6L2M3J1E1A1,MSP,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000055200460,0.00000196752300
C5B1H1S1P6L2M3J1E1A2,MSP,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000016653890,0.00000009904682
C5B1H1S1P6L2M3J1E1A3,MSP,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000009758139,0.00000144178800
C5B1H1S1P6L2M3J1E2A1,MSP,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000055200460,0.00000196752300
C5B1H1S1P6L2M3J1E2A2,MSP,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000016653890,0.00000009904682
C5B1H1S1P6L2M3J1E2A3,MSP,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000009758139,0.00000144178800
C5B1H1S1P6L2M3J2E1A1,MSP,CL5S,4,12,11,13,840,15,10,MEPDG,0.00000640378700,0.00004462267000
C5B1H1S1P6L2M3J2E1A2,MSP,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000151214800,0.00000465505900
C5B1H1S1P6L2M3J2E1A3,MSP,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000162269300,0.00006279151000
C5B1H1S1P6L2M3J2E2A1,MSP,CL5S,4,12,11,13,840,15,40,MEPDG,0.00000640378700,0.00004462267000
C5B1H1S1P6L2M3J2E2A2,MSP,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000151214800,0.00000465505900
C5B1H1S1P6L2M3J2E2A3,MSP,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000162269300,0.00006279151000
C5B1H1S1P7L1M1J1E1A1,MSP,CL5S,4,12,12,12,340,12,10,MEPDG,0.04823647000000,0.03477047000000
C5B1H1S1P7L1M1J1E1A2,MSP,CL5S,4,12,12,12,340,12,10,MNAVG,0.01123740000000,0.00363481500000
C5B1H1S1P7L1M1J1E1A3,MSP,CL5S,4,12,12,12,340,12,10,MNHVY,0.01390253000000,0.04999102000000
C5B1H1S1P7L1M1J1E2A1,MSP,CL5S,4,12,12,12,340,12,40,MEPDG,0.01596418000000,0.01932313000000
C5B1H1S1P7L1M1J1E2A2,MSP,CL5S,4,12,12,12,340,12,40,MNAVG,0.00416330900000,0.00194841100000
C5B1H1S1P7L1M1J1E2A3,MSP,CL5S,4,12,12,12,340,12,40,MNHVY,0.00452417700000,0.02662250000000
C5B1H1S1P7L1M1J2E1A1,MSP,CL5S,4,12,12,12,340,15,10,MEPDG,0.18597610000000,0.19111820000000
C5B1H1S1P7L1M1J2E1A2,MSP,CL5S,4,12,12,12,340,15,10,MNAVG,0.05458761000000,0.02911712000000
C5B1H1S1P7L1M1J2E1A3,MSP,CL5S,4,12,12,12,340,15,10,MNHVY,0.09363640000000,0.35475620000000
C5B1H1S1P7L1M1J2E2A1,MSP,CL5S,4,12,12,12,340,15,40,MEPDG,0.07019657000000,0.10756840000000
C5B1H1S1P7L1M1J2E2A2,MSP,CL5S,4,12,12,12,340,15,40,MNAVG,0.02254347000000,0.01635771000000
C5B1H1S1P7L1M1J2E2A3,MSP,CL5S,4,12,12,12,340,15,40,MNHVY,0.03432119000000,0.19738980000000
C5B1H1S1P7L1M2J1E1A1,MSP,CL5S,4,12,12,12,590,12,10,MEPDG,0.00020000220000,0.00018749470000
C5B1H1S1P7L1M2J1E1A2,MSP,CL5S,4,12,12,12,590,12,10,MNAVG,0.00004066010000,0.00001272265000
C5B1H1S1P7L1M2J1E1A3,MSP,CL5S,4,12,12,12,590,12,10,MNHVY,0.00003166051000,0.00018776170000
C5B1H1S1P7L1M2J1E2A1,MSP,CL5S,4,12,12,12,590,12,40,MEPDG,0.00004405420000,0.00010802790000
C5B1H1S1P7L1M2J1E2A2,MSP,CL5S,4,12,12,12,590,12,40,MNAVG,0.00001149545000,0.00000705222900
C5B1H1S1P7L1M2J1E2A3,MSP,CL5S,4,12,12,12,590,12,40,MNHVY,0.00000806684700,0.00010299130000
C5B1H1S1P7L1M2J2E1A1,MSP,CL5S,4,12,12,12,590,15,10,MEPDG,0.00105861600000,0.00278453400000
C5B1H1S1P7L1M2J2E1A2,MSP,CL5S,4,12,12,12,590,15,10,MNAVG,0.00020174940000,0.00032324820000
C5B1H1S1P7L1M2J2E1A3,MSP,CL5S,4,12,12,12,590,15,10,MNHVY,0.00023102680000,0.00438265500000
```

```
C5B1H1S1P7L1M2J2E2A1,MSP,CL5S,4,12,12,12,590,15,40,MEPDG,0.00027357860000,0.00146901500000
C5B1H1S1P7L1M2J2E2A2,MSP,CL5S,4,12,12,12,590,15,40,MNAVG,0.00006401556000,0.00016993140000
C5B1H1S1P7L1M2J2E2A3,MSP,CL5S,4,12,12,12,590,15,40,MNHVY,0.00006392703000,0.00227696900000
C5B1H1S1P7L1M3J1E1A1,MSP,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000259146300,0.00000276795800
C5B1H1S1P7L1M3J1E1A2,MSP,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000048738910,0.00000013403100
C5B1H1S1P7L1M3J1E1A3,MSP,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000029091270,0.00000200832100
C5B1H1S1P7L1M3J1E2A1,MSP,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000042009510,0.00000174271700
C5B1H1S1P7L1M3J1E2A2,MSP,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000010927560,0.00000007896337
C5B1H1S1P7L1M3J1E2A3,MSP,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000005982665,0.00000117418200
C5B1H1S1P7L1M3J2E1A1,MSP,CL5S,4,12,12,12,840,15,10,MEPDG,0.00001344978000,0.00007097151000
C5B1H1S1P7L1M3J2E1A2,MSP,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000226912700,0.00000628171000
C5B1H1S1P7L1M3J2E1A3,MSP,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000181969900,0.00009050433000
C5B1H1S1P7L1M3J2E2A1,MSP,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000261410900,0.00003699356000
C5B1H1S1P7L1M3J2E2A2,MSP,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000058381940,0.00000322659700
C5B1H1S1P7L1M3J2E2A3,MSP,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000042289730,0.00004590068000
C5B1H1S1P7L2M1J1E1A1,MSP,CL5S,4,12,12,13,340,12,10,MEPDG,0.00312532600000,0.00791433600000
C5B1H1S1P7L2M1J1E1A2,MSP,CL5S,4,12,12,13,340,12,10,MNAVG,0.00083570280000,0.00081317920000
C5B1H1S1P7L2M1J1E1A3,MSP,CL5S,4,12,12,13,340,12,10,MNHVY,0.00087075780000,0.01105900000000
C5B1H1S1P7L2M1J1E2A1,MSP,CL5S,4,12,12,13,340,12,40,MEPDG,0.00312532600000,0.00791433600000
C5B1H1S1P7L2M1J1E2A2,MSP,CL5S,4,12,12,13,340,12,40,MNAVG,0.00083570280000,0.00081317920000
C5B1H1S1P7L2M1J1E2A3,MSP,CL5S,4,12,12,13,340,12,40,MNHVY,0.00087075780000,0.01105900000000
C5B1H1S1P7L2M1J2E1A1,MSP,CL5S,4,12,12,13,340,15,10,MEPDG,0.01498635000000,0.05283923000000
C5B1H1S1P7L2M1J2E1A2,MSP,CL5S,4,12,12,13,340,15,10,MNAVG,0.00488332000000,0.00829717500000
C5B1H1S1P7L2M1J2E1A3,MSP,CL5S,4,12,12,13,340,15,10,MNHVY,0.00722377400000,0.09846975000000
C5B1H1S1P7L2M1J2E2A1,MSP,CL5S,4,12,12,13,340,15,40,MEPDG,0.01498635000000,0.05283923000000
C5B1H1S1P7L2M1J2E2A2,MSP,CL5S,4,12,12,13,340,15,40,MNAVG,0.00488332000000,0.00829717500000
C5B1H1S1P7L2M1J2E2A3,MSP,CL5S,4,12,12,13,340,15,40,MNHVY,0.00722377400000,0.09846975000000
C5B1H1S1P7L2M2J1E1A1,MSP,CL5S,4,12,12,13,590,12,10,MEPDG,0.00000720788800,0.00004201037000
C5B1H1S1P7L2M2J1E1A2,MSP,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000200793400,0.00000280950800
C5B1H1S1P7L2M2J1E1A3,MSP,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000136025100,0.00004092437000
C5B1H1S1P7L2M2J1E2A1,MSP,CL5S,4,12,12,13,590,12,40,MEPDG,0.00000720788800,0.00004201037000
C5B1H1S1P7L2M2J1E2A2,MSP,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000200793400,0.00000280950800
C5B1H1S1P7L2M2J1E2A3,MSP,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000136025100,0.00004092437000
C5B1H1S1P7L2M2J2E1A1,MSP,CL5S,4,12,12,13,590,15,10,MEPDG,0.00004900555000,0.00067011030000
C5B1H1S1P7L2M2J2E1A2,MSP,CL5S,4,12,12,13,590,15,10,MNAVG,0.00001206769000,0.00007970577000
C5B1H1S1P7L2M2J2E1A3,MSP,CL5S,4,12,12,13,590,15,10,MNHVY,0.00001163214000,0.00105896200000
C5B1H1S1P7L2M2J2E2A1,MSP,CL5S,4,12,12,13,590,15,40,MEPDG,0.00004900555000,0.00067011030000
C5B1H1S1P7L2M2J2E2A2,MSP,CL5S,4,12,12,13,590,15,40,MNAVG,0.00001206769000,0.00007970577000
C5B1H1S1P7L2M2J2E2A3,MSP,CL5S,4,12,12,13,590,15,40,MNHVY,0.00001163214000,0.00105896200000
C5B1H1S1P7L2M3J1E1A1,MSP,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000006043187,0.00000067642360
C5B1H1S1P7L2M3J1E1A2,MSP,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000001710161,0.00000003110666
C5B1H1S1P7L2M3J1E1A3,MSP,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000000910201,0.00000046248140
C5B1H1S1P7L2M3J1E2A1,MSP,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000006043187,0.00000067642360
C5B1H1S1P7L2M3J1E2A2,MSP,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000001710161,0.00000003110666
C5B1H1S1P7L2M3J1E2A3,MSP,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000000910201,0.00000046248140
C5B1H1S1P7L2M3J2E1A1,MSP,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000041411970,0.00001622492000
C5B1H1S1P7L2M3J2E1A2,MSP,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000009918212,0.00000144597900
C5B1H1S1P7L2M3J2E1A3,MSP,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000007002032,0.00002050666000
C5B1H1S1P7L2M3J2E2A1,MSP,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000041411970,0.00001622492000
C5B1H1S1P7L2M3J2E2A2,MSP,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000009918212,0.00000144597900
```

```
C5B1H1S1P7L2M3J2E2A3,MSP,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000007002032,0.00002050666000
C5B1H2S2P1L1M1J1E1A1,MSP,CL5S,12,4,6,12,340,12,10,MEPDG,30.93774000000000,0.00000000110781
C5B1H2S2P1L1M1J1E1A2,MSP,CL5S,12,4,6,12,340,12,10,MNAVG,22.53924000000000,0.00000000007234
C5B1H2S2P1L1M1J1E1A3,MSP,CL5S,12,4,6,12,340,12,10,MNHVY,37.26607000000000,0.00000000103949
C5B1H2S2P1L1M1J1E2A1,MSP,CL5S,12,4,6,12,340,12,40,MEPDG,17.86048000000000,0.00000000044311
C5B1H2S2P1L1M1J1E2A2,MSP,CL5S,12,4,6,12,340,12,40,MNAVG,12.27009000000000,0.00000000003089
C5B1H2S2P1L1M1J1E2A3,MSP,CL5S,12,4,6,12,340,12,40,MNHVY,20.68353000000000,0.00000000043820
C5B1H2S2P1L1M1J2E1A1,MSP,CL5S,12,4,6,12,340,15,10,MEPDG,36.71450000000000,0.00000000093559
C5B1H2S2P1L1M1J2E1A2,MSP,CL5S,12,4,6,12,340,15,10,MNAVG,27.84181000000000,0.00000000009586
C5B1H2S2P1L1M1J2E1A3,MSP,CL5S,12,4,6,12,340,15,10,MNHVY,47.06325000000000,0.00000000125830
C5B1H2S2P1L1M1J2E2A1,MSP,CL5S,12,4,6,12,340,15,40,MEPDG,21.70252000000000,0.00000000042062
C5B1H2S2P1L1M1J2E2A2,MSP,CL5S,12,4,6,12,340,15,40,MNAVG,15.65355000000000,0.00000000004693
C5B1H2S2P1L1M1J2E2A3,MSP,CL5S,12,4,6,12,340,15,40,MNHVY,27.04833000000000,0.00000000059646
C5B1H2S2P1L1M2J1E1A1,MSP,CL5S,12,4,6,12,590,12,10,MEPDG,2.87771400000000,0.00000000000000
C5B1H2S2P1L1M2J1E1A2,MSP,CL5S,12,4,6,12,590,12,10,MNAVG,1.69671900000000,0.00000000000000
C5B1H2S2P1L1M2J1E1A3,MSP,CL5S,12,4,6,12,590,12,10,MNHVY,2.67964900000000,0.00000000000000
C5B1H2S2P1L1M2J1E2A1,MSP,CL5S,12,4,6,12,590,12,40,MEPDG,1.47795300000000,0.00000000000000
C5B1H2S2P1L1M2J1E2A2,MSP,CL5S,12,4,6,12,590,12,40,MNAVG,0.84209800000000,0.00000000000000
C5B1H2S2P1L1M2J1E2A3,MSP,CL5S,12,4,6,12,590,12,40,MNHVY,1.33412000000000,0.00000000000000
C5B1H2S2P1L1M2J2E1A1,MSP,CL5S,12,4,6,12,590,15,10,MEPDG,4.50279700000000,0.00000000000000
C5B1H2S2P1L1M2J2E1A2,MSP,CL5S,12,4,6,12,590,15,10,MNAVG,3.02691200000000,0.00000000000000
C5B1H2S2P1L1M2J2E1A3,MSP,CL5S,12,4,6,12,590,15,10,MNHVY,5.13291800000000,0.00000000000000
C5B1H2S2P1L1M2J2E2A1,MSP,CL5S,12,4,6,12,590,15,40,MEPDG,2.46670700000000,0.00000000000000
C5B1H2S2P1L1M2J2E2A2,MSP,CL5S,12,4,6,12,590,15,40,MNAVG,1.63728900000000,0.00000000000000
C5B1H2S2P1L1M2J2E2A3,MSP,CL5S,12,4,6,12,590,15,40,MNHVY,2.80199000000000,0.00000000000000
C5B1H2S2P1L1M3J1E1A1,MSP,CL5S,12,4,6,12,840,12,10,MEPDG,0.38666900000000,0.00000000000000
C5B1H2S2P1L1M3J1E1A2,MSP,CL5S,12,4,6,12,840,12,10,MNAVG,0.17848540000000,0.00000000000000
C5B1H2S2P1L1M3J1E1A3,MSP,CL5S,12,4,6,12,840,12,10,MNHVY,0.27262670000000,0.00000000000000
C5B1H2S2P1L1M3J1E2A1,MSP,CL5S,12,4,6,12,840,12,40,MEPDG,0.17384550000000,0.00000000000000
C5B1H2S2P1L1M3J1E2A2,MSP,CL5S,12,4,6,12,840,12,40,MNAVG,0.07915111000000,0.00000000000000
C5B1H2S2P1L1M3J1E2A3,MSP,CL5S,12,4,6,12,840,12,40,MNHVY,0.11833960000000,0.00000000000000
C5B1H2S2P1L1M3J2E1A1,MSP,CL5S,12,4,6,12,840,15,10,MEPDG,0.82771470000000,0.00000000000002
C5B1H2S2P1L1M3J2E1A2,MSP,CL5S,12,4,6,12,840,15,10,MNAVG,0.48626700000000,0.00000000000000
C5B1H2S2P1L1M3J2E1A3,MSP,CL5S,12,4,6,12,840,15,10,MNHVY,0.87631940000000,0.00000000000001
C5B1H2S2P1L1M3J2E2A1,MSP,CL5S,12,4,6,12,840,15,40,MEPDG,0.41098080000000,0.00000000000001
C5B1H2S2P1L1M3J2E2A2,MSP,CL5S,12,4,6,12,840,15,40,MNAVG,0.24447470000000,0.00000000000000
C5B1H2S2P1L1M3J2E2A3,MSP,CL5S,12,4,6,12,840,15,40,MNHVY,0.43571440000000,0.00000000000000
C5B1H2S2P1L2M1J1E1A1,MSP,CL5S,12,4,6,13,340,12,10,MEPDG,4.40685300000000,0.00000000019189
C5B1H2S2P1L2M1J1E1A2,MSP,CL5S,12,4,6,13,340,12,10,MNAVG,2.90508100000000,0.00000000001521
C5B1H2S2P1L2M1J1E1A3,MSP,CL5S,12,4,6,13,340,12,10,MNHVY,4.96791100000000,0.00000000021256
C5B1H2S2P1L2M1J1E2A1,MSP,CL5S,12,4,6,13,340,12,40,MEPDG,4.40685300000000,0.00000000019189
C5B1H2S2P1L2M1J1E2A2,MSP,CL5S,12,4,6,13,340,12,40,MNAVG,2.90508100000000,0.00000000001521
C5B1H2S2P1L2M1J1E2A3,MSP,CL5S,12,4,6,13,340,12,40,MNHVY,4.96791100000000,0.00000000021256
C5B1H2S2P1L2M1J2E1A1,MSP,CL5S,12,4,6,13,340,15,10,MEPDG,5.47420400000000,0.00000000015816
C5B1H2S2P1L2M1J2E1A2,MSP,CL5S,12,4,6,13,340,15,10,MNAVG,3.82420200000000,0.00000000001956
C5B1H2S2P1L2M1J2E1A3,MSP,CL5S,12,4,6,13,340,15,10,MNHVY,6.69716100000000,0.00000000024139
C5B1H2S2P1L2M1J2E2A1,MSP,CL5S,12,4,6,13,340,15,40,MEPDG,5.47420400000000,0.00000000015816
C5B1H2S2P1L2M1J2E2A2,MSP,CL5S,12,4,6,13,340,15,40,MNAVG,3.82420200000000,0.00000000001956
C5B1H2S2P1L2M1J2E2A3,MSP,CL5S,12,4,6,13,340,15,40,MNHVY,6.69716100000000,0.00000000024139
C5B1H2S2P1L2M2J1E1A1,MSP,CL5S,12,4,6,13,590,12,10,MEPDG,0.34767410000000,0.00000000000000
```

```
C5B1H2S2P1L2M2J1E1A2,MSP,CL5S,12,4,6,13,590,12,10,MNAVG,0.19216160000000,0.00000000000000
C5B1H2S2P1L2M2J1E1A3,MSP,CL5S,12,4,6,13,590,12,10,MNHVY,0.30935360000000,0.00000000000000
C5B1H2S2P1L2M2J1E2A1,MSP,CL5S,12,4,6,13,590,12,40,MEPDG,0.34767410000000,0.00000000000000
C5B1H2S2P1L2M2J1E2A2,MSP,CL5S,12,4,6,13,590,12,40,MNAVG,0.19216160000000,0.00000000000000
C5B1H2S2P1L2M2J1E2A3,MSP,CL5S,12,4,6,13,590,12,40,MNHVY,0.30935360000000,0.00000000000000
C5B1H2S2P1L2M2J2E1A1,MSP,CL5S,12,4,6,13,590,15,10,MEPDG,0.61916790000000,0.00000000000000
C5B1H2S2P1L2M2J2E1A2,MSP,CL5S,12,4,6,13,590,15,10,MNAVG,0.40894900000000,0.00000000000000
C5B1H2S2P1L2M2J2E1A3,MSP,CL5S,12,4,6,13,590,15,10,MNHVY,0.71177130000000,0.00000000000000
C5B1H2S2P1L2M2J2E2A1,MSP,CL5S,12,4,6,13,590,15,40,MEPDG,0.61916790000000,0.00000000000000
C5B1H2S2P1L2M2J2E2A2,MSP,CL5S,12,4,6,13,590,15,40,MNAVG,0.40894900000000,0.00000000000000
C5B1H2S2P1L2M2J2E2A3,MSP,CL5S,12,4,6,13,590,15,40,MNHVY,0.71177130000000,0.00000000000000
C5B1H2S2P1L2M3J1E1A1,MSP,CL5S,12,4,6,13,840,12,10,MEPDG,0.03871136000000,0.00000000000000
C5B1H2S2P1L2M3J1E1A2,MSP,CL5S,12,4,6,13,840,12,10,MNAVG,0.01719906000000,0.00000000000000
C5B1H2S2P1L2M3J1E1A3,MSP,CL5S,12,4,6,13,840,12,10,MNHVY,0.02606796000000,0.00000000000000
C5B1H2S2P1L2M3J1E2A1,MSP,CL5S,12,4,6,13,840,12,40,MEPDG,0.03871136000000,0.00000000000000
C5B1H2S2P1L2M3J1E2A2,MSP,CL5S,12,4,6,13,840,12,40,MNAVG,0.01719906000000,0.00000000000000
C5B1H2S2P1L2M3J1E2A3,MSP,CL5S,12,4,6,13,840,12,40,MNHVY,0.02606796000000,0.00000000000000
C5B1H2S2P1L2M3J2E1A1,MSP,CL5S,12,4,6,13,840,15,10,MEPDG,0.10055020000000,0.00000000000000
C5B1H2S2P1L2M3J2E1A2,MSP,CL5S,12,4,6,13,840,15,10,MNAVG,0.05996143000000,0.00000000000000
C5B1H2S2P1L2M3J2E1A3,MSP,CL5S,12,4,6,13,840,15,10,MNHVY,0.10930550000000,0.00000000000000
C5B1H2S2P1L2M3J2E2A1,MSP,CL5S,12,4,6,13,840,15,40,MEPDG,0.10055020000000,0.00000000000000
C5B1H2S2P1L2M3J2E2A2,MSP,CL5S,12,4,6,13,840,15,40,MNAVG,0.05996143000000,0.00000000000000
C5B1H2S2P1L2M3J2E2A3,MSP,CL5S,12,4,6,13,840,15,40,MNHVY,0.10930550000000,0.00000000000000
C5B1H2S2P2L1M1J1E1A1,MSP,CL5S,12,4,7,12,340,12,10,MEPDG,13.72302000000000,0.00000016001860
C5B1H2S2P2L1M1J1E1A2,MSP,CL5S,12,4,7,12,340,12,10,MNAVG,9.23738700000000,0.00000001731730
C5B1H2S2P2L1M1J1E1A3,MSP,CL5S,12,4,7,12,340,12,10,MNHVY,15.32326000000000,0.00000024273360
C5B1H2S2P2L1M1J1E2A1,MSP,CL5S,12,4,7,12,340,12,40,MEPDG,7.53341100000000,0.00000008701799
C5B1H2S2P2L1M1J1E2A2,MSP,CL5S,12,4,7,12,340,12,40,MNAVG,4.89396700000000,0.00000000939491
C5B1H2S2P2L1M1J1E2A3,MSP,CL5S,12,4,7,12,340,12,40,MNHVY,8.12882800000000,0.00000012938080
C5B1H2S2P2L1M1J2E1A1,MSP,CL5S,12,4,7,12,340,15,10,MEPDG,19.91965000000000,0.00000024211220
C5B1H2S2P2L1M1J2E1A2,MSP,CL5S,12,4,7,12,340,15,10,MNAVG,14.69872000000000,0.00000003623588
C5B1H2S2P2L1M1J2E1A3,MSP,CL5S,12,4,7,12,340,15,10,MNHVY,25.55264000000000,0.00000044625660
C5B1H2S2P2L1M1J2E2A1,MSP,CL5S,12,4,7,12,340,15,40,MEPDG,11.55076000000000,0.00000010968390
C5B1H2S2P2L1M1J2E2A2,MSP,CL5S,12,4,7,12,340,15,40,MNAVG,8.36503100000000,0.00000001697024
C5B1H2S2P2L1M1J2E2A3,MSP,CL5S,12,4,7,12,340,15,40,MNHVY,14.64553000000000,0.00000020322990
C5B1H2S2P2L1M2J1E1A1,MSP,CL5S,12,4,7,12,590,12,10,MEPDG,0.80369760000000,0.00000000000009
C5B1H2S2P2L1M2J1E1A2,MSP,CL5S,12,4,7,12,590,12,10,MNAVG,0.37779940000000,0.00000000000000
C5B1H2S2P2L1M2J1E1A3,MSP,CL5S,12,4,7,12,590,12,10,MNHVY,0.59555890000000,0.00000000000002
C5B1H2S2P2L1M2J1E2A1,MSP,CL5S,12,4,7,12,590,12,40,MEPDG,0.36550300000000,0.00000000000005
C5B1H2S2P2L1M2J1E2A2,MSP,CL5S,12,4,7,12,590,12,40,MNAVG,0.17081610000000,0.00000000000000
C5B1H2S2P2L1M2J1E2A3,MSP,CL5S,12,4,7,12,590,12,40,MNHVY,0.25843270000000,0.00000000000002
C5B1H2S2P2L1M2J2E1A1,MSP,CL5S,12,4,7,12,590,15,10,MEPDG,1.79785300000000,0.00000000000111
C5B1H2S2P2L1M2J2E1A2,MSP,CL5S,12,4,7,12,590,15,10,MNAVG,1.06812200000000,0.00000000000006
C5B1H2S2P2L1M2J2E1A3,MSP,CL5S,12,4,7,12,590,15,10,MNHVY,1.95536200000000,0.00000000000085
C5B1H2S2P2L1M2J2E2A1,MSP,CL5S,12,4,7,12,590,15,40,MEPDG,0.91122900000000,0.00000000000054
C5B1H2S2P2L1M2J2E2A2,MSP,CL5S,12,4,7,12,590,15,40,MNAVG,0.55263020000000,0.00000000000004
C5B1H2S2P2L1M2J2E2A3,MSP,CL5S,12,4,7,12,590,15,40,MNHVY,0.98886610000000,0.00000000000049
C5B1H2S2P2L1M3J1E1A1,MSP,CL5S,12,4,7,12,840,12,10,MEPDG,0.07406166000000,0.00000000000061
C5B1H2S2P2L1M3J1E1A2,MSP,CL5S,12,4,7,12,840,12,10,MNAVG,0.02578956000000,0.00000000000002
C5B1H2S2P2L1M3J1E1A3,MSP,CL5S,12,4,7,12,840,12,10,MNHVY,0.03803139000000,0.00000000000022
```

```
C5B1H2S2P2L1M3J1E2A1,MSP,CL5S,12,4,7,12,840,12,40,MEPDG,0.02864991000000,0.00000000000019
C5B1H2S2P2L1M3J1E2A2,MSP,CL5S,12,4,7,12,840,12,40,MNAVG,0.01026662000000,0.00000000000000
C5B1H2S2P2L1M3J1E2A3,MSP,CL5S,12,4,7,12,840,12,40,MNHVY,0.01419272000000,0.00000000000007
C5B1H2S2P2L1M3J2E1A1,MSP,CL5S,12,4,7,12,840,15,10,MEPDG,0.25582330000000,0.00321669700000
C5B1H2S2P2L1M3J2E1A2,MSP,CL5S,12,4,7,12,840,15,10,MNAVG,0.12164860000000,0.00048449540000
C5B1H2S2P2L1M3J2E1A3,MSP,CL5S,12,4,7,12,840,15,10,MNHVY,0.24783690000000,0.00532843500000
C5B1H2S2P2L1M3J2E2A1,MSP,CL5S,12,4,7,12,840,15,40,MEPDG,0.10894070000000,0.00000000000253
C5B1H2S2P2L1M3J2E2A2,MSP,CL5S,12,4,7,12,840,15,40,MNAVG,0.05391211000000,0.00000000000015
C5B1H2S2P2L1M3J2E2A3,MSP,CL5S,12,4,7,12,840,15,40,MNHVY,0.10131930000000,0.00000000000221
C5B1H2S2P2L2M1J1E1A1,MSP,CL5S,12,4,7,13,340,12,10,MEPDG,1.84674000000000,0.00000003268503
C5B1H2S2P2L2M1J1E1A2,MSP,CL5S,12,4,7,13,340,12,10,MNAVG,1.16390400000000,0.00000000366647
C5B1H2S2P2L2M1J1E1A3,MSP,CL5S,12,4,7,13,340,12,10,MNHVY,1.95514700000000,0.00000005009686
C5B1H2S2P2L2M1J1E2A1,MSP,CL5S,12,4,7,13,340,12,40,MEPDG,1.84674000000000,0.00000003268503
C5B1H2S2P2L2M1J1E2A2,MSP,CL5S,12,4,7,13,340,12,40,MNAVG,1.16390400000000,0.00000000366647
C5B1H2S2P2L2M1J1E2A3,MSP,CL5S,12,4,7,13,340,12,40,MNHVY,1.95514700000000,0.00000005009686
C5B1H2S2P2L2M1J2E1A1,MSP,CL5S,12,4,7,13,340,15,10,MEPDG,2.98788500000000,0.00000004819729
C5B1H2S2P2L2M1J2E1A2,MSP,CL5S,12,4,7,13,340,15,10,MNAVG,2.14087800000000,0.00000000783457
C5B1H2S2P2L2M1J2E1A3,MSP,CL5S,12,4,7,13,340,15,10,MNHVY,3.78359100000000,0.00000009158127
C5B1H2S2P2L2M1J2E2A1,MSP,CL5S,12,4,7,13,340,15,40,MEPDG,2.98788500000000,0.00000004819729
C5B1H2S2P2L2M1J2E2A2,MSP,CL5S,12,4,7,13,340,15,40,MNAVG,2.14087800000000,0.00000000783457
C5B1H2S2P2L2M1J2E2A3,MSP,CL5S,12,4,7,13,340,15,40,MNHVY,3.78359100000000,0.00000009158127
C5B1H2S2P2L2M2J1E1A1,MSP,CL5S,12,4,7,13,590,12,10,MEPDG,0.08244762000000,0.00000000000002
C5B1H2S2P2L2M2J1E1A2,MSP,CL5S,12,4,7,13,590,12,10,MNAVG,0.03769673000000,0.00000000000000
C5B1H2S2P2L2M2J1E1A3,MSP,CL5S,12,4,7,13,590,12,10,MNHVY,0.05728519000000,0.00000000000001
C5B1H2S2P2L2M2J1E2A1,MSP,CL5S,12,4,7,13,590,12,40,MEPDG,0.08244762000000,0.00000000000002
C5B1H2S2P2L2M2J1E2A2,MSP,CL5S,12,4,7,13,590,12,40,MNAVG,0.03769673000000,0.00000000000000
C5B1H2S2P2L2M2J1E2A3,MSP,CL5S,12,4,7,13,590,12,40,MNHVY,0.05728519000000,0.00000000000001
C5B1H2S2P2L2M2J2E1A1,MSP,CL5S,12,4,7,13,590,15,10,MEPDG,0.22666120000000,0.00000000000024
C5B1H2S2P2L2M2J2E1A2,MSP,CL5S,12,4,7,13,590,15,10,MNAVG,0.13813850000000,0.00000000000002
C5B1H2S2P2L2M2J2E1A3,MSP,CL5S,12,4,7,13,590,15,10,MNHVY,0.25018830000000,0.00000000000024
C5B1H2S2P2L2M2J2E2A1,MSP,CL5S,12,4,7,13,590,15,40,MEPDG,0.22666120000000,0.00000000000024
C5B1H2S2P2L2M2J2E2A2,MSP,CL5S,12,4,7,13,590,15,40,MNAVG,0.13813850000000,0.00000000000002
C5B1H2S2P2L2M2J2E2A3,MSP,CL5S,12,4,7,13,590,15,40,MNHVY,0.25018830000000,0.00000000000024
C5B1H2S2P2L2M3J1E1A1,MSP,CL5S,12,4,7,13,840,12,10,MEPDG,0.00599352200000,0.00000000000005
C5B1H2S2P2L2M3J1E1A2,MSP,CL5S,12,4,7,13,840,12,10,MNAVG,0.00212466900000,0.00000000000000
C5B1H2S2P2L2M3J1E1A3,MSP,CL5S,12,4,7,13,840,12,10,MNHVY,0.00291896900000,0.00000000000002
C5B1H2S2P2L2M3J1E2A1,MSP,CL5S,12,4,7,13,840,12,40,MEPDG,0.00599352200000,0.00000000000005
C5B1H2S2P2L2M3J1E2A2,MSP,CL5S,12,4,7,13,840,12,40,MNAVG,0.00212466900000,0.00000000000000
C5B1H2S2P2L2M3J1E2A3,MSP,CL5S,12,4,7,13,840,12,40,MNHVY,0.00291896900000,0.00000000000002
C5B1H2S2P2L2M3J2E1A1,MSP,CL5S,12,4,7,13,840,15,10,MEPDG,0.02645647000000,0.00000000000091
C5B1H2S2P2L2M3J2E1A2,MSP,CL5S,12,4,7,13,840,15,10,MNAVG,0.01317031000000,0.00000000000006
C5B1H2S2P2L2M3J2E1A3,MSP,CL5S,12,4,7,13,840,15,10,MNHVY,0.02560723000000,0.00000000000084
C5B1H2S2P2L2M3J2E2A1,MSP,CL5S,12,4,7,13,840,15,40,MEPDG,0.02645647000000,0.00000000000091
C5B1H2S2P2L2M3J2E2A2,MSP,CL5S,12,4,7,13,840,15,40,MNAVG,0.01317031000000,0.00000000000006
C5B1H2S2P2L2M3J2E2A3,MSP,CL5S,12,4,7,13,840,15,40,MNHVY,0.02560723000000,0.00000000000084
C5B1H2S2P3L1M1J1E1A1,MSP,CL5S,12,4,8,12,340,12,10,MEPDG,5.14297200000000,0.00000227240100
C5B1H2S2P3L1M1J1E1A2,MSP,CL5S,12,4,8,12,340,12,10,MNAVG,2.91135300000000,0.00000030457290
C5B1H2S2P3L1M1J1E1A3,MSP,CL5S,12,4,8,12,340,12,10,MNHVY,4.80933800000000,0.00000405657500
C5B1H2S2P3L1M1J1E2A1,MSP,CL5S,12,4,8,12,340,12,40,MEPDG,2.59658700000000,0.00000114780800
C5B1H2S2P3L1M1J1E2A2,MSP,CL5S,12,4,8,12,340,12,40,MNAVG,1.45023000000000,0.00000015297070
```

```
C5B1H2S2P3L1M1J1E2A3,MSP,CL5S,12,4,8,12,340,12,40,MNHVY,2.33163400000000,0.00000200479200
C5B1H2S2P3L1M1J2E1A1,MSP,CL5S,12,4,8,12,340,15,10,MEPDG,9.39161300000000,0.00001115701000
C5B1H2S2P3L1M1J2E1A2,MSP,CL5S,12,4,8,12,340,15,10,MNAVG,6.24592400000000,0.00000195989900
C5B1H2S2P3L1M1J2E1A3,MSP,CL5S,12,4,8,12,340,15,10,MNHVY,11.2518900000000,0.00002263825000
C5B1H2S2P3L1M1J2E2A1,MSP,CL5S,12,4,8,12,340,15,40,MEPDG,5.14665600000000,0.00000627091800
C5B1H2S2P3L1M1J2E2A2,MSP,CL5S,12,4,8,12,340,15,40,MNAVG,3.45242800000000,0.00000111629800
C5B1H2S2P3L1M1J2E2A3,MSP,CL5S,12,4,8,12,340,15,40,MNHVY,6.11994300000000,0.00001263996000
C5B1H2S2P3L1M2J1E1A1,MSP,CL5S,12,4,8,12,590,12,10,MEPDG,0.18599100000000,0.00000115636700
C5B1H2S2P3L1M2J1E1A2,MSP,CL5S,12,4,8,12,590,12,10,MNAVG,0.06629162000000,0.00000017201780
C5B1H2S2P3L1M2J1E1A3,MSP,CL5S,12,4,8,12,590,12,10,MNHVY,0.10231690000000,0.00000209359000
C5B1H2S2P3L1M2J1E2A1,MSP,CL5S,12,4,8,12,590,12,40,MEPDG,0.07458623000000,0.00000060425410
C5B1H2S2P3L1M2J1E2A2,MSP,CL5S,12,4,8,12,590,12,40,MNAVG,0.02740435000000,0.00000008343623
C5B1H2S2P3L1M2J1E2A3,MSP,CL5S,12,4,8,12,590,12,40,MNHVY,0.03952407000000,0.00000102677500
C5B1H2S2P3L1M2J2E1A1,MSP,CL5S,12,4,8,12,590,15,10,MEPDG,0.58973880000000,0.01610618000000
C5B1H2S2P3L1M2J2E1A2,MSP,CL5S,12,4,8,12,590,15,10,MNAVG,0.28584940000000,0.00294078900000
C5B1H2S2P3L1M2J2E1A3,MSP,CL5S,12,4,8,12,590,15,10,MNHVY,0.56469330000000,0.03054710000000
C5B1H2S2P3L1M2J2E2A1,MSP,CL5S,12,4,8,12,590,15,40,MEPDG,0.27443040000000,0.00000443216000
C5B1H2S2P3L1M2J2E2A2,MSP,CL5S,12,4,8,12,590,15,40,MNAVG,0.14024960000000,0.00000081201130
C5B1H2S2P3L1M2J2E2A3,MSP,CL5S,12,4,8,12,590,15,40,MNHVY,0.26452860000000,0.00000889842200
C5B1H2S2P3L1M3J1E1A1,MSP,CL5S,12,4,8,12,840,12,10,MEPDG,0.01199220000000,0.00000013716730
C5B1H2S2P3L1M3J1E1A2,MSP,CL5S,12,4,8,12,840,12,10,MNAVG,0.00321219700000,0.00000001521208
C5B1H2S2P3L1M3J1E1A3,MSP,CL5S,12,4,8,12,840,12,10,MNHVY,0.00480998200000,0.00000019647980
C5B1H2S2P3L1M3J1E2A1,MSP,CL5S,12,4,8,12,840,12,40,MEPDG,0.00393380300000,0.00000006440295
C5B1H2S2P3L1M3J1E2A2,MSP,CL5S,12,4,8,12,840,12,40,MNAVG,0.00114781500000,0.00000000594034
C5B1H2S2P3L1M3J1E2A3,MSP,CL5S,12,4,8,12,840,12,40,MNHVY,0.00155911400000,0.00000007873307
C5B1H2S2P3L1M3J2E1A1,MSP,CL5S,12,4,8,12,840,15,10,MEPDG,0.06206412000000,0.00222222600000
C5B1H2S2P3L1M3J2E1A2,MSP,CL5S,12,4,8,12,840,15,10,MNAVG,0.02189617000000,0.00033002240000
C5B1H2S2P3L1M3J2E1A3,MSP,CL5S,12,4,8,12,840,15,10,MNHVY,0.05072872000000,0.00375739300000
C5B1H2S2P3L1M3J2E2A1,MSP,CL5S,12,4,8,12,840,15,40,MEPDG,0.02377826000000,0.00053236460000
C5B1H2S2P3L1M3J2E2A2,MSP,CL5S,12,4,8,12,840,15,40,MNAVG,0.00904303400000,0.00007880993000
C5B1H2S2P3L1M3J2E2A3,MSP,CL5S,12,4,8,12,840,15,40,MNHVY,0.01894726000000,0.00090865330000
C5B1H2S2P3L2M1J1E1A1,MSP,CL5S,12,4,8,13,340,12,10,MEPDG,0.61620730000000,0.00000046820710
C5B1H2S2P3L2M1J1E1A2,MSP,CL5S,12,4,8,13,340,12,10,MNAVG,0.33540280000000,0.00000006368420
C5B1H2S2P3L2M1J1E1A3,MSP,CL5S,12,4,8,13,340,12,10,MNHVY,0.54148260000000,0.00000083049110
C5B1H2S2P3L2M1J1E2A1,MSP,CL5S,12,4,8,13,340,12,40,MEPDG,0.61620730000000,0.00000046820710
C5B1H2S2P3L2M1J1E2A2,MSP,CL5S,12,4,8,13,340,12,40,MNAVG,0.33540280000000,0.00000006368420
C5B1H2S2P3L2M1J1E2A3,MSP,CL5S,12,4,8,13,340,12,40,MNHVY,0.54148260000000,0.00000083049110
C5B1H2S2P3L2M1J2E1A1,MSP,CL5S,12,4,8,13,340,15,10,MEPDG,1.32281300000000,0.00000309396500
C5B1H2S2P3L2M1J2E1A2,MSP,CL5S,12,4,8,13,340,15,10,MNAVG,0.88712890000000,0.00000056693090
C5B1H2S2P3L2M1J2E1A3,MSP,CL5S,12,4,8,13,340,15,10,MNHVY,1.58029200000000,0.00000629654400
C5B1H2S2P3L2M1J2E2A1,MSP,CL5S,12,4,8,13,340,15,40,MEPDG,1.32281300000000,0.00000309396500
C5B1H2S2P3L2M1J2E2A2,MSP,CL5S,12,4,8,13,340,15,40,MNAVG,0.88712890000000,0.00000056693090
C5B1H2S2P3L2M1J2E2A3,MSP,CL5S,12,4,8,13,340,15,40,MNHVY,1.58029200000000,0.00000629654400
C5B1H2S2P3L2M2J1E1A1,MSP,CL5S,12,4,8,13,590,12,10,MEPDG,0.01595596000000,0.00000023864580
C5B1H2S2P3L2M2J1E1A2,MSP,CL5S,12,4,8,13,590,12,10,MNAVG,0.00580340300000,0.00000003324341
C5B1H2S2P3L2M2J1E1A3,MSP,CL5S,12,4,8,13,590,12,10,MNHVY,0.00832611000000,0.00000040691660
C5B1H2S2P3L2M2J1E2A1,MSP,CL5S,12,4,8,13,590,12,40,MEPDG,0.01595596000000,0.00000023864580
C5B1H2S2P3L2M2J1E2A2,MSP,CL5S,12,4,8,13,590,12,40,MNAVG,0.00580340300000,0.00000003324341
C5B1H2S2P3L2M2J1E2A3,MSP,CL5S,12,4,8,13,590,12,40,MNHVY,0.00832611000000,0.00000040691660
C5B1H2S2P3L2M2J2E1A1,MSP,CL5S,12,4,8,13,590,15,10,MEPDG,0.06641208000000,0.00043170160000
```

```
C5B1H2S2P3L2M2J2E1A2,MSP,CL5S,12,4,8,13,590,15,10,MNAVG,0.03425184000000,0.00008529636000
C5B1H2S2P3L2M2J2E1A3,MSP,CL5S,12,4,8,13,590,15,10,MNHVY,0.06526081000000,0.00085385130000
C5B1H2S2P3L2M2J2E2A1,MSP,CL5S,12,4,8,13,590,15,40,MEPDG,0.06641208000000,0.00043170160000
C5B1H2S2P3L2M2J2E2A2,MSP,CL5S,12,4,8,13,590,15,40,MNAVG,0.03425184000000,0.00008529636000
C5B1H2S2P3L2M2J2E2A3,MSP,CL5S,12,4,8,13,590,15,40,MNHVY,0.06526081000000,0.00085385130000
C5B1H2S2P3L2M3J1E1A1,MSP,CL5S,12,4,8,13,840,12,10,MEPDG,0.00077988180000,0.00000002218207
C5B1H2S2P3L2M3J1E1A2,MSP,CL5S,12,4,8,13,840,12,10,MNAVG,0.00022853110000,0.00000000200745
C5B1H2S2P3L2M3J1E1A3,MSP,CL5S,12,4,8,13,840,12,10,MNHVY,0.00030892960000,0.00000002652078
C5B1H2S2P3L2M3J1E2A1,MSP,CL5S,12,4,8,13,840,12,40,MEPDG,0.00077988180000,0.00000002218207
C5B1H2S2P3L2M3J1E2A2,MSP,CL5S,12,4,8,13,840,12,40,MNAVG,0.00022853110000,0.00000000200745
C5B1H2S2P3L2M3J1E2A3,MSP,CL5S,12,4,8,13,840,12,40,MNHVY,0.00030892960000,0.00000002652078
C5B1H2S2P3L2M3J2E1A1,MSP,CL5S,12,4,8,13,840,15,10,MEPDG,0.00534646400000,0.00012239230000
C5B1H2S2P3L2M3J2E1A2,MSP,CL5S,12,4,8,13,840,15,10,MNAVG,0.00204092600000,0.00001907035000
C5B1H2S2P3L2M3J2E1A3,MSP,CL5S,12,4,8,13,840,15,10,MNHVY,0.00431637700000,0.00021636230000
C5B1H2S2P3L2M3J2E2A1,MSP,CL5S,12,4,8,13,840,15,40,MEPDG,0.00534646400000,0.00012239230000
C5B1H2S2P3L2M3J2E2A2,MSP,CL5S,12,4,8,13,840,15,40,MNAVG,0.00204092600000,0.00001907035000
C5B1H2S2P3L2M3J2E2A3,MSP,CL5S,12,4,8,13,840,15,40,MNHVY,0.00431637700000,0.00021636230000
C5B1H2S2P4L1M1J1E1A1,MSP,CL5S,12,4,9,12,340,12,10,MEPDG,1.64745400000000,0.00002930292000
C5B1H2S2P4L1M1J1E1A2,MSP,CL5S,12,4,9,12,340,12,10,MNAVG,0.74352830000000,0.00000430078900
C5B1H2S2P4L1M1J1E1A3,MSP,CL5S,12,4,9,12,340,12,10,MNHVY,1.19712700000000,0.00005519182000
C5B1H2S2P4L1M1J1E2A1,MSP,CL5S,12,4,9,12,340,12,40,MEPDG,0.74981710000000,0.00001631397000
C5B1H2S2P4L1M1J1E2A2,MSP,CL5S,12,4,9,12,340,12,40,MNAVG,0.34006410000000,0.00000236840400
C5B1H2S2P4L1M1J1E2A3,MSP,CL5S,12,4,9,12,340,12,40,MNHVY,0.51542760000000,0.00003001947000
C5B1H2S2P4L1M1J2E1A1,MSP,CL5S,12,4,9,12,340,15,10,MEPDG,3.79874400000000,0.00010286080000
C5B1H2S2P4L1M1J2E1A2,MSP,CL5S,12,4,9,12,340,15,10,MNAVG,2.17515800000000,0.00001915656000
C5B1H2S2P4L1M1J2E1A3,MSP,CL5S,12,4,9,12,340,15,10,MNHVY,4.04875900000000,0.00021324600000
C5B1H2S2P4L1M1J2E2A1,MSP,CL5S,12,4,9,12,340,15,40,MEPDG,1.93734900000000,0.00005540371000
C5B1H2S2P4L1M1J2E2A2,MSP,CL5S,12,4,9,12,340,15,40,MNAVG,1.14589500000000,0.00001037690000
C5B1H2S2P4L1M1J2E2A3,MSP,CL5S,12,4,9,12,340,15,40,MNHVY,2.05187500000000,0.00011376020000
C5B1H2S2P4L1M2J1E1A1,MSP,CL5S,12,4,9,12,590,12,10,MEPDG,0.03411345000000,0.00000316057600
C5B1H2S2P4L1M2J1E1A2,MSP,CL5S,12,4,9,12,590,12,10,MNAVG,0.00941349900000,0.00000042351970
C5B1H2S2P4L1M2J1E1A3,MSP,CL5S,12,4,9,12,590,12,10,MNHVY,0.01239945000000,0.00000541500200
C5B1H2S2P4L1M2J1E2A1,MSP,CL5S,12,4,9,12,590,12,40,MEPDG,0.01160634000000,0.00000156150200
C5B1H2S2P4L1M2J1E2A2,MSP,CL5S,12,4,9,12,590,12,40,MNAVG,0.00346922700000,0.00000019542140
C5B1H2S2P4L1M2J1E2A3,MSP,CL5S,12,4,9,12,590,12,40,MNHVY,0.00408139500000,0.00000250024900
C5B1H2S2P4L1M2J2E1A1,MSP,CL5S,12,4,9,12,590,15,10,MEPDG,0.14983680000000,0.01388611000000
C5B1H2S2P4L1M2J2E1A2,MSP,CL5S,12,4,9,12,590,15,10,MNAVG,0.05587361000000,0.00229784600000
C5B1H2S2P4L1M2J2E1A3,MSP,CL5S,12,4,9,12,590,15,10,MNHVY,0.11228640000000,0.02569481000000
C5B1H2S2P4L1M2J2E2A1,MSP,CL5S,12,4,9,12,590,15,40,MEPDG,0.06044480000000,0.00637163200000
C5B1H2S2P4L1M2J2E2A2,MSP,CL5S,12,4,9,12,590,15,40,MNAVG,0.02425234000000,0.00104141600000
C5B1H2S2P4L1M2J2E2A3,MSP,CL5S,12,4,9,12,590,15,40,MNHVY,0.04453239000000,0.01163951000000
C5B1H2S2P4L1M3J1E1A1,MSP,CL5S,12,4,9,12,840,12,10,MEPDG,0.00123066600000,0.00000079104750
C5B1H2S2P4L1M3J1E1A2,MSP,CL5S,12,4,9,12,840,12,10,MNAVG,0.00029685930000,0.00000008195465
C5B1H2S2P4L1M3J1E1A3,MSP,CL5S,12,4,9,12,840,12,10,MNHVY,0.00028746610000,0.00000107965800
C5B1H2S2P4L1M3J1E2A1,MSP,CL5S,12,4,9,12,840,12,40,MEPDG,0.00032316530000,0.00000055219750
C5B1H2S2P4L1M3J1E2A2,MSP,CL5S,12,4,9,12,840,12,40,MNAVG,0.00009151775000,0.00000004865689
C5B1H2S2P4L1M3J1E2A3,MSP,CL5S,12,4,9,12,840,12,40,MNHVY,0.00007909028000,0.00000065226500
C5B1H2S2P4L1M3J2E1A1,MSP,CL5S,12,4,9,12,840,15,10,MEPDG,0.00941858400000,0.00090684100000
C5B1H2S2P4L1M3J2E1A2,MSP,CL5S,12,4,9,12,840,15,10,MNAVG,0.00242577300000,0.00012599280000
C5B1H2S2P4L1M3J2E1A3,MSP,CL5S,12,4,9,12,840,15,10,MNHVY,0.00510524600000,0.00152767800000
```

```
C5B1H2S2P4L1M3J2E2A1,MSP,CL5S,12,4,9,12,840,15,40,MEPDG,0.00296833600000,0.00000134435200
C5B1H2S2P4L1M3J2E2A2,MSP,CL5S,12,4,9,12,840,15,40,MNAVG,0.00085735210000,0.00000017452010
C5B1H2S2P4L1M3J2E2A3,MSP,CL5S,12,4,9,12,840,15,40,MNHVY,0.00151496800000,0.00000221358900
C5B1H2S2P4L2M1J1E1A1,MSP,CL5S,12,4,9,13,340,12,10,MEPDG,0.16997050000000,0.00000728794400
C5B1H2S2P4L2M1J1E1A2,MSP,CL5S,12,4,9,13,340,12,10,MNAVG,0.07543436000000,0.00000107088400
C5B1H2S2P4L2M1J1E1A3,MSP,CL5S,12,4,9,13,340,12,10,MNHVY,0.11348650000000,0.00001353019000
C5B1H2S2P4L2M1J1E2A1,MSP,CL5S,12,4,9,13,340,12,40,MEPDG,0.16997050000000,0.00000728794400
C5B1H2S2P4L2M1J1E2A2,MSP,CL5S,12,4,9,13,340,12,40,MNAVG,0.07543436000000,0.00000107088400
C5B1H2S2P4L2M1J1E2A3,MSP,CL5S,12,4,9,13,340,12,40,MNHVY,0.11348650000000,0.00001353019000
C5B1H2S2P4L2M1J2E1A1,MSP,CL5S,12,4,9,13,340,15,10,MEPDG,0.48430790000000,0.00002888971000
C5B1H2S2P4L2M1J2E1A2,MSP,CL5S,12,4,9,13,340,15,10,MNAVG,0.28781230000000,0.00000552415700
C5B1H2S2P4L2M1J2E1A3,MSP,CL5S,12,4,9,13,340,15,10,MNHVY,0.51530580000000,0.00005961090000
C5B1H2S2P4L2M1J2E2A1,MSP,CL5S,12,4,9,13,340,15,40,MEPDG,0.48430790000000,0.00002888971000
C5B1H2S2P4L2M1J2E2A2,MSP,CL5S,12,4,9,13,340,15,40,MNAVG,0.28781230000000,0.00000552415700
C5B1H2S2P4L2M1J2E2A3,MSP,CL5S,12,4,9,13,340,15,40,MNHVY,0.51530580000000,0.00005961090000
C5B1H2S2P4L2M2J1E1A1,MSP,CL5S,12,4,9,13,590,12,10,MEPDG,0.00232536000000,0.00000060680960
C5B1H2S2P4L2M2J1E1A2,MSP,CL5S,12,4,9,13,590,12,10,MNAVG,0.00070179090000,0.00000007607592
C5B1H2S2P4L2M2J1E1A3,MSP,CL5S,12,4,9,13,590,12,10,MNHVY,0.00081236090000,0.00000097150260
C5B1H2S2P4L2M2J1E2A1,MSP,CL5S,12,4,9,13,590,12,40,MEPDG,0.00232536000000,0.00000060680960
C5B1H2S2P4L2M2J1E2A2,MSP,CL5S,12,4,9,13,590,12,40,MNAVG,0.00070179090000,0.00000007607592
C5B1H2S2P4L2M2J1E2A3,MSP,CL5S,12,4,9,13,590,12,40,MNHVY,0.00081236090000,0.00000097150260
C5B1H2S2P4L2M2J2E1A1,MSP,CL5S,12,4,9,13,590,15,10,MEPDG,0.01364885000000,0.00261696900000
C5B1H2S2P4L2M2J2E1A2,MSP,CL5S,12,4,9,13,590,15,10,MNAVG,0.00553277900000,0.00044902890000
C5B1H2S2P4L2M2J2E1A3,MSP,CL5S,12,4,9,13,590,15,10,MNHVY,0.01010983000000,0.00491203500000
C5B1H2S2P4L2M2J2E2A1,MSP,CL5S,12,4,9,13,590,15,40,MEPDG,0.01364885000000,0.00261696900000
C5B1H2S2P4L2M2J2E2A2,MSP,CL5S,12,4,9,13,590,15,40,MNAVG,0.00553277900000,0.00044902890000
C5B1H2S2P4L2M2J2E2A3,MSP,CL5S,12,4,9,13,590,15,40,MNHVY,0.01010983000000,0.00491203500000
C5B1H2S2P4L2M3J1E1A1,MSP,CL5S,12,4,9,13,840,12,10,MEPDG,0.00005715112000,0.00000030213850
C5B1H2S2P4L2M3J1E1A2,MSP,CL5S,12,4,9,13,840,12,10,MNAVG,0.00001677768000,0.00000002637582
C5B1H2S2P4L2M3J1E1A3,MSP,CL5S,12,4,9,13,840,12,10,MNHVY,0.00001401557000,0.00000035209070
C5B1H2S2P4L2M3J1E2A1,MSP,CL5S,12,4,9,13,840,12,40,MEPDG,0.00005715112000,0.00000030213850
C5B1H2S2P4L2M3J1E2A2,MSP,CL5S,12,4,9,13,840,12,40,MNAVG,0.00001677768000,0.00000002637582
C5B1H2S2P4L2M3J1E2A3,MSP,CL5S,12,4,9,13,840,12,40,MNHVY,0.00001401557000,0.00000035209070
C5B1H2S2P4L2M3J2E1A1,MSP,CL5S,12,4,9,13,840,15,10,MEPDG,0.00061197340000,0.00000056175050
C5B1H2S2P4L2M3J2E1A2,MSP,CL5S,12,4,9,13,840,15,10,MNAVG,0.00017941440000,0.00000007300851
C5B1H2S2P4L2M3J2E1A3,MSP,CL5S,12,4,9,13,840,15,10,MNHVY,0.00031447320000,0.00000091984930
C5B1H2S2P4L2M3J2E2A1,MSP,CL5S,12,4,9,13,840,15,40,MEPDG,0.00061197340000,0.00000056175050
C5B1H2S2P4L2M3J2E2A2,MSP,CL5S,12,4,9,13,840,15,40,MNAVG,0.00017941440000,0.00000007300851
C5B1H2S2P4L2M3J2E2A3,MSP,CL5S,12,4,9,13,840,15,40,MNHVY,0.00031447320000,0.00000091984930
C5B1H2S2P5L1M1J1E1A1,MSP,CL5S,12,4,10,12,340,12,10,MEPDG,0.48562140000000,0.00007589383000
C5B1H2S2P5L1M1J1E1A2,MSP,CL5S,12,4,10,12,340,12,10,MNAVG,0.17045920000000,0.00001072348000
C5B1H2S2P5L1M1J1E1A3,MSP,CL5S,12,4,10,12,340,12,10,MNHVY,0.26049140000000,0.00014025700000
C5B1H2S2P5L1M1J1E2A1,MSP,CL5S,12,4,10,12,340,12,40,MEPDG,0.19850300000000,0.00005535893000
C5B1H2S2P5L1M1J1E2A2,MSP,CL5S,12,4,10,12,340,12,40,MNAVG,0.07192025000000,0.00000800874600
C5B1H2S2P5L1M1J1E2A3,MSP,CL5S,12,4,10,12,340,12,40,MNHVY,0.10049140000000,0.00010152880000
C5B1H2S2P5L1M1J2E1A1,MSP,CL5S,12,4,10,12,340,15,10,MEPDG,1.40328000000000,0.07367677000000
C5B1H2S2P5L1M1J2E1A2,MSP,CL5S,12,4,10,12,340,15,10,MNAVG,0.66622850000000,0.01397544000000
C5B1H2S2P5L1M1J2E1A3,MSP,CL5S,12,4,10,12,340,15,10,MNHVY,1.27173500000000,0.14946670000000
C5B1H2S2P5L1M1J2E2A1,MSP,CL5S,12,4,10,12,340,15,40,MEPDG,0.65281560000000,0.00024243440000
C5B1H2S2P5L1M1J2E2A2,MSP,CL5S,12,4,10,12,340,15,40,MNAVG,0.32661310000000,0.00004481317000
```

```
C5B1H2S2P5L1M1J2E2A3,MSP,CL5S,12,4,10,12,340,15,40,MNHVY,0.58386620000000,0.00049671980000
C5B1H2S2P5L1M2J1E1A1,MSP,CL5S,12,4,10,12,590,12,10,MEPDG,0.00594821400000,0.00000670701000
C5B1H2S2P5L1M2J1E1A2,MSP,CL5S,12,4,10,12,590,12,10,MNAVG,0.00139134500000,0.00000078412900
C5B1H2S2P5L1M2J1E1A3,MSP,CL5S,12,4,10,12,590,12,10,MNHVY,0.00160425400000,0.00001064723000
C5B1H2S2P5L1M2J1E2A1,MSP,CL5S,12,4,10,12,590,12,40,MEPDG,0.00175642500000,0.00000550900000
C5B1H2S2P5L1M2J1E2A2,MSP,CL5S,12,4,10,12,590,12,40,MNAVG,0.00047311830000,0.00000063245070
C5B1H2S2P5L1M2J1E2A3,MSP,CL5S,12,4,10,12,590,12,40,MNHVY,0.00048908300000,0.00000838091400
C5B1H2S2P5L1M2J2E1A1,MSP,CL5S,12,4,10,12,590,15,10,MEPDG,0.03192938000000,0.00719950300000
C5B1H2S2P5L1M2J2E1A2,MSP,CL5S,12,4,10,12,590,15,10,MNAVG,0.00897174000000,0.00109561200000
C5B1H2S2P5L1M2J2E1A3,MSP,CL5S,12,4,10,12,590,15,10,MNHVY,0.01712581000000,0.01314925000000
C5B1H2S2P5L1M2J2E2A1,MSP,CL5S,12,4,10,12,590,15,40,MEPDG,0.01125536000000,0.00343179700000
C5B1H2S2P5L1M2J2E2A2,MSP,CL5S,12,4,10,12,590,15,40,MNAVG,0.00351552600000,0.00051789560000
C5B1H2S2P5L1M2J2E2A3,MSP,CL5S,12,4,10,12,590,15,40,MNHVY,0.00593687400000,0.00619016400000
C5B1H2S2P5L1M3J1E1A1,MSP,CL5S,12,4,10,12,840,12,10,MEPDG,0.00016366410000,0.00000190693600
C5B1H2S2P5L1M3J1E1A2,MSP,CL5S,12,4,10,12,840,12,10,MNAVG,0.00003531683000,0.00000015987460
C5B1H2S2P5L1M3J1E1A3,MSP,CL5S,12,4,10,12,840,12,10,MNHVY,0.00003163366000,0.00000226741100
C5B1H2S2P5L1M3J1E2A1,MSP,CL5S,12,4,10,12,840,12,40,MEPDG,0.00003686155000,0.00000153291000
C5B1H2S2P5L1M3J1E2A2,MSP,CL5S,12,4,10,12,840,12,40,MNAVG,0.00000975237400,0.00000011341560
C5B1H2S2P5L1M3J1E2A3,MSP,CL5S,12,4,10,12,840,12,40,MNHVY,0.00000776980000,0.00000159576300
C5B1H2S2P5L1M3J2E1A1,MSP,CL5S,12,4,10,12,840,15,10,MEPDG,0.00110774200000,0.00000632709300
C5B1H2S2P5L1M3J2E1A2,MSP,CL5S,12,4,10,12,840,15,10,MNAVG,0.00022641420000,0.00000083621710
C5B1H2S2P5L1M3J2E1A3,MSP,CL5S,12,4,10,12,840,15,10,MNHVY,0.00032773830000,0.00001077080000
C5B1H2S2P5L1M3J2E2A1,MSP,CL5S,12,4,10,12,840,15,40,MEPDG,0.00038281570000,0.00000555895200
C5B1H2S2P5L1M3J2E2A2,MSP,CL5S,12,4,10,12,840,15,40,MNAVG,0.00008938093000,0.00000069717960
C5B1H2S2P5L1M3J2E2A3,MSP,CL5S,12,4,10,12,840,15,40,MNHVY,0.00014640950000,0.00000898901000
C5B1H2S2P5L2M1J1E1A1,MSP,CL5S,12,4,10,13,340,12,10,MEPDG,0.04288471000000,0.00002521688000
C5B1H2S2P5L2M1J1E1A2,MSP,CL5S,12,4,10,13,340,12,10,MNAVG,0.01536640000000,0.00000369193600
C5B1H2S2P5L2M1J1E1A3,MSP,CL5S,12,4,10,13,340,12,10,MNHVY,0.02105021000000,0.00004658549000
C5B1H2S2P5L2M1J1E2A1,MSP,CL5S,12,4,10,13,340,12,40,MEPDG,0.04288471000000,0.00002521688000
C5B1H2S2P5L2M1J1E2A2,MSP,CL5S,12,4,10,13,340,12,40,MNAVG,0.01536640000000,0.00000369193600
C5B1H2S2P5L2M1J1E2A3,MSP,CL5S,12,4,10,13,340,12,40,MNHVY,0.02105021000000,0.00004658549000
C5B1H2S2P5L2M1J2E1A1,MSP,CL5S,12,4,10,13,340,15,10,MEPDG,0.15663000000000,0.00440085400000
C5B1H2S2P5L2M1J2E1A2,MSP,CL5S,12,4,10,13,340,15,10,MNAVG,0.07897229000000,0.00088778200000
C5B1H2S2P5L2M1J2E1A3,MSP,CL5S,12,4,10,13,340,15,10,MNHVY,0.14016720000000,0.00903827700000
C5B1H2S2P5L2M1J2E2A1,MSP,CL5S,12,4,10,13,340,15,40,MEPDG,0.15663000000000,0.00440085400000
C5B1H2S2P5L2M1J2E2A2,MSP,CL5S,12,4,10,13,340,15,40,MNAVG,0.07897229000000,0.00088778200000
C5B1H2S2P5L2M1J2E2A3,MSP,CL5S,12,4,10,13,340,15,40,MNHVY,0.14016720000000,0.00903827700000
C5B1H2S2P5L2M2J1E1A1,MSP,CL5S,12,4,10,13,590,12,10,MEPDG,0.00032838630000,0.00000245136600
C5B1H2S2P5L2M2J1E1A2,MSP,CL5S,12,4,10,13,590,12,10,MNAVG,0.00009112614000,0.00000028322480
C5B1H2S2P5L2M2J1E1A3,MSP,CL5S,12,4,10,13,590,12,10,MNHVY,0.00009150158000,0.00000373762100
C5B1H2S2P5L2M2J1E2A1,MSP,CL5S,12,4,10,13,590,12,40,MEPDG,0.00032838630000,0.00000245136600
C5B1H2S2P5L2M2J1E2A2,MSP,CL5S,12,4,10,13,590,12,40,MNAVG,0.00009112614000,0.00000028322480
C5B1H2S2P5L2M2J1E2A3,MSP,CL5S,12,4,10,13,590,12,40,MNHVY,0.00009150158000,0.00000373762100
C5B1H2S2P5L2M2J2E1A1,MSP,CL5S,12,4,10,13,590,15,10,MEPDG,0.00237562000000,0.00001350317000
C5B1H2S2P5L2M2J2E1A2,MSP,CL5S,12,4,10,13,590,15,10,MNAVG,0.00075537360000,0.00000219733100
C5B1H2S2P5L2M2J2E1A3,MSP,CL5S,12,4,10,13,590,15,10,MNHVY,0.00125345700000,0.00002587326000
C5B1H2S2P5L2M2J2E2A1,MSP,CL5S,12,4,10,13,590,15,40,MEPDG,0.00237562000000,0.00001350317000
C5B1H2S2P5L2M2J2E2A2,MSP,CL5S,12,4,10,13,590,15,40,MNAVG,0.00075537360000,0.00000219733100
C5B1H2S2P5L2M2J2E2A3,MSP,CL5S,12,4,10,13,590,15,40,MNHVY,0.00125345700000,0.00002587326000
C5B1H2S2P5L2M3J1E1A1,MSP,CL5S,12,4,10,13,840,12,10,MEPDG,0.00000627085200,0.00000063821560
```

```
C5B1H2S2P5L2M3J1E1A2,MSP,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000172320700,0.00000004623083
C5B1H2S2P5L2M3J1E1A3,MSP,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000134186400,0.00000064984540
C5B1H2S2P5L2M3J1E2A1,MSP,CL5S,12,4,10,13,840,12,40,MEPDG,0.00000627085200,0.00000063821560
C5B1H2S2P5L2M3J1E2A2,MSP,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000172320700,0.00000004623083
C5B1H2S2P5L2M3J1E2A3,MSP,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000134186400,0.00000064984540
C5B1H2S2P5L2M3J2E1A1,MSP,CL5S,12,4,10,13,840,15,10,MEPDG,0.00007436884000,0.00000309306000
C5B1H2S2P5L2M3J2E1A2,MSP,CL5S,12,4,10,13,840,15,10,MNAVG,0.00001776011000,0.00000039394960
C5B1H2S2P5L2M3J2E1A3,MSP,CL5S,12,4,10,13,840,15,10,MNHVY,0.00002887391000,0.00000502586000
C5B1H2S2P5L2M3J2E2A1,MSP,CL5S,12,4,10,13,840,15,40,MEPDG,0.00007436884000,0.00000309306000
C5B1H2S2P5L2M3J2E2A2,MSP,CL5S,12,4,10,13,840,15,40,MNAVG,0.00001776011000,0.00000039394960
C5B1H2S2P5L2M3J2E2A3,MSP,CL5S,12,4,10,13,840,15,40,MNHVY,0.00002887391000,0.00000502586000
C5B1H2S2P6L1M1J1E1A1,MSP,CL5S,12,4,11,12,340,12,10,MEPDG,0.13157640000000,0.00021501570000
C5B1H2S2P6L1M1J1E1A2,MSP,CL5S,12,4,11,12,340,12,10,MNAVG,0.03644586000000,0.00002892271000
C5B1H2S2P6L1M1J1E1A3,MSP,CL5S,12,4,11,12,340,12,10,MNHVY,0.05079965000000,0.00038659370000
C5B1H2S2P6L1M1J1E2A1,MSP,CL5S,12,4,11,12,340,12,40,MEPDG,0.04782000000000,0.00013784750000
C5B1H2S2P6L1M1J1E2A2,MSP,CL5S,12,4,11,12,340,12,40,MNAVG,0.01419857000000,0.00001834451000
C5B1H2S2P6L1M1J1E2A3,MSP,CL5S,12,4,11,12,340,12,40,MNHVY,0.01761942000000,0.00024279290000
C5B1H2S2P6L1M1J2E1A1,MSP,CL5S,12,4,11,12,340,15,10,MEPDG,0.46004160000000,0.10198950000000
C5B1H2S2P6L1M1J2E1A2,MSP,CL5S,12,4,11,12,340,15,10,MNAVG,0.17463090000000,0.01684421000000
C5B1H2S2P6L1M1J2E1A3,MSP,CL5S,12,4,11,12,340,15,10,MNHVY,0.33160800000000,0.19755760000000
C5B1H2S2P6L1M1J2E2A1,MSP,CL5S,12,4,11,12,340,15,40,MEPDG,0.19392960000000,0.03951724000000
C5B1H2S2P6L1M1J2E2A2,MSP,CL5S,12,4,11,12,340,15,40,MNAVG,0.07914937000000,0.00683236100000
C5B1H2S2P6L1M1J2E2A3,MSP,CL5S,12,4,11,12,340,15,40,MNHVY,0.13716630000000,0.07779139000000
C5B1H2S2P6L1M2J1E1A1,MSP,CL5S,12,4,11,12,590,12,10,MEPDG,0.00099906770000,0.00002319883000
C5B1H2S2P6L1M2J1E1A2,MSP,CL5S,12,4,11,12,590,12,10,MNAVG,0.00021406020000,0.00000241427400
C5B1H2S2P6L1M2J1E1A3,MSP,CL5S,12,4,11,12,590,12,10,MNHVY,0.00020613730000,0.00003427708000
C5B1H2S2P6L1M2J1E2A1,MSP,CL5S,12,4,11,12,590,12,40,MEPDG,0.00023441570000,0.00001336254000
C5B1H2S2P6L1M2J1E2A2,MSP,CL5S,12,4,11,12,590,12,40,MNAVG,0.00006247537000,0.00000132654100
C5B1H2S2P6L1M2J1E2A3,MSP,CL5S,12,4,11,12,590,12,40,MNHVY,0.00004983670000,0.00001864768000
C5B1H2S2P6L1M2J2E1A1,MSP,CL5S,12,4,11,12,590,15,10,MEPDG,0.00585005900000,0.00306410500000
C5B1H2S2P6L1M2J2E1A2,MSP,CL5S,12,4,11,12,590,15,10,MNAVG,0.00129058300000,0.00042263370000
C5B1H2S2P6L1M2J2E1A3,MSP,CL5S,12,4,11,12,590,15,10,MNHVY,0.00210132700000,0.00541315200000
C5B1H2S2P6L1M2J2E2A1,MSP,CL5S,12,4,11,12,590,15,40,MEPDG,0.00179275600000,0.00062418390000
C5B1H2S2P6L1M2J2E2A2,MSP,CL5S,12,4,11,12,590,15,40,MNAVG,0.00045783340000,0.00009149654000
C5B1H2S2P6L1M2J2E2A3,MSP,CL5S,12,4,11,12,590,15,40,MNHVY,0.00064640930000,0.00113822600000
C5B1H2S2P6L1M3J1E1A1,MSP,CL5S,12,4,11,12,840,12,10,MEPDG,0.00001954227000,0.00000160323000
C5B1H2S2P6L1M3J1E1A2,MSP,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000381055200,0.00000011039040
C5B1H2S2P6L1M3J1E1A3,MSP,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000284133900,0.00000164941200
C5B1H2S2P6L1M3J1E2A1,MSP,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000374519900,0.00000107769900
C5B1H2S2P6L1M3J1E2A2,MSP,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000094419220,0.00000006624695
C5B1H2S2P6L1M3J1E2A3,MSP,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000063062400,0.00000097993250
C5B1H2S2P6L1M3J2E1A1,MSP,CL5S,12,4,11,12,840,15,10,MEPDG,0.00015697460000,0.00007441359000
C5B1H2S2P6L1M3J2E1A2,MSP,CL5S,12,4,11,12,840,15,10,MNAVG,0.00002620813000,0.00000824227900
C5B1H2S2P6L1M3J2E1A3,MSP,CL5S,12,4,11,12,840,15,10,MNHVY,0.00004028158000,0.00011314880000
C5B1H2S2P6L1M3J2E2A1,MSP,CL5S,12,4,11,12,840,15,40,MEPDG,0.00003652076000,0.00004863656000
C5B1H2S2P6L1M3J2E2A2,MSP,CL5S,12,4,11,12,840,15,40,MNAVG,0.00000756882700,0.00000513757700
C5B1H2S2P6L1M3J2E2A3,MSP,CL5S,12,4,11,12,840,15,40,MNHVY,0.00000950915600,0.00006997796000
C5B1H2S2P6L2M1J1E1A1,MSP,CL5S,12,4,11,13,340,12,10,MEPDG,0.00982627600000,0.00006362589000
C5B1H2S2P6L2M1J1E1A2,MSP,CL5S,12,4,11,13,340,12,10,MNAVG,0.00293677100000,0.00000853965800
C5B1H2S2P6L2M1J1E1A3,MSP,CL5S,12,4,11,13,340,12,10,MNHVY,0.00353773200000,0.00011267280000
```

```
C5B1H2S2P6L2M1J1E2A1,MSP,CL5S,12,4,11,13,340,12,40,MEPDG,0.00982627600000,0.00006362589000
C5B1H2S2P6L2M1J1E2A2,MSP,CL5S,12,4,11,13,340,12,40,MNAVG,0.00293677100000,0.00000853965800
C5B1H2S2P6L2M1J1E2A3,MSP,CL5S,12,4,11,13,340,12,40,MNHVY,0.00353773200000,0.00011267280000
C5B1H2S2P6L2M1J2E1A1,MSP,CL5S,12,4,11,13,340,15,10,MEPDG,0.04423548000000,0.02005163000000
C5B1H2S2P6L2M1J2E1A2,MSP,CL5S,12,4,11,13,340,15,10,MNAVG,0.01824503000000,0.00354522700000
C5B1H2S2P6L2M1J2E1A3,MSP,CL5S,12,4,11,13,340,15,10,MNHVY,0.03111980000000,0.03972859000000
C5B1H2S2P6L2M1J2E2A1,MSP,CL5S,12,4,11,13,340,15,40,MEPDG,0.04423548000000,0.02005163000000
C5B1H2S2P6L2M1J2E2A2,MSP,CL5S,12,4,11,13,340,15,40,MNAVG,0.01824503000000,0.00354522700000
C5B1H2S2P6L2M1J2E2A3,MSP,CL5S,12,4,11,13,340,15,40,MNHVY,0.03111980000000,0.03972859000000
C5B1H2S2P6L2M2J1E1A1,MSP,CL5S,12,4,11,13,590,12,10,MEPDG,0.00004050088000,0.00000616521800
C5B1H2S2P6L2M2J1E1A2,MSP,CL5S,12,4,11,13,590,12,10,MNAVG,0.00001135483000,0.00000061257290
C5B1H2S2P6L2M2J1E1A3,MSP,CL5S,12,4,11,13,590,12,10,MNHVY,0.00000873098500,0.00000860006600
C5B1H2S2P6L2M2J1E2A1,MSP,CL5S,12,4,11,13,590,12,40,MEPDG,0.00004050088000,0.00000616521800
C5B1H2S2P6L2M2J1E2A2,MSP,CL5S,12,4,11,13,590,12,40,MNAVG,0.00001135483000,0.00000061257290
C5B1H2S2P6L2M2J1E2A3,MSP,CL5S,12,4,11,13,590,12,40,MNHVY,0.00000873098500,0.00000860006600
C5B1H2S2P6L2M2J2E1A1,MSP,CL5S,12,4,11,13,590,15,10,MEPDG,0.00036364630000,0.00003364611000
C5B1H2S2P6L2M2J2E1A2,MSP,CL5S,12,4,11,13,590,15,10,MNAVG,0.00009584961000,0.00000497240400
C5B1H2S2P6L2M2J2E1A3,MSP,CL5S,12,4,11,13,590,15,10,MNHVY,0.00013646560000,0.00006203754000
C5B1H2S2P6L2M2J2E2A1,MSP,CL5S,12,4,11,13,590,15,40,MEPDG,0.00036364630000,0.00003364611000
C5B1H2S2P6L2M2J2E2A2,MSP,CL5S,12,4,11,13,590,15,40,MNAVG,0.00009584961000,0.00000497240400
C5B1H2S2P6L2M2J2E2A3,MSP,CL5S,12,4,11,13,590,15,40,MNHVY,0.00013646560000,0.00006203754000
C5B1H2S2P6L2M3J1E1A1,MSP,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000057960730,0.00000045622230
C5B1H2S2P6L2M3J1E1A2,MSP,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000015513050,0.00000002756066
C5B1H2S2P6L2M3J1E1A3,MSP,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000010025690,0.00000040704780
C5B1H2S2P6L2M3J1E2A1,MSP,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000057960730,0.00000045622230
C5B1H2S2P6L2M3J1E2A2,MSP,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000015513050,0.00000002756066
C5B1H2S2P6L2M3J1E2A3,MSP,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000010025690,0.00000040704780
C5B1H2S2P6L2M3J2E1A1,MSP,CL5S,12,4,11,13,840,15,10,MEPDG,0.00000651462500,0.00000374210000
C5B1H2S2P6L2M3J2E1A2,MSP,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000140374400,0.00000041111890
C5B1H2S2P6L2M3J2E1A3,MSP,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000171375700,0.00000558550100
C5B1H2S2P6L2M3J2E2A1,MSP,CL5S,12,4,11,13,840,15,40,MEPDG,0.00000651462500,0.00000374210000
C5B1H2S2P6L2M3J2E2A2,MSP,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000140374400,0.00000041111890
C5B1H2S2P6L2M3J2E2A3,MSP,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000171375700,0.00000558550100
C5B1H2S2P7L1M1J1E1A1,MSP,CL5S,12,4,12,12,340,12,10,MEPDG,0.03430469000000,0.00044727620000
C5B1H2S2P7L1M1J1E1A2,MSP,CL5S,12,4,12,12,340,12,10,MNAVG,0.00792519700000,0.00005640649000
C5B1H2S2P7L1M1J1E1A3,MSP,CL5S,12,4,12,12,340,12,10,MNHVY,0.00983618600000,0.00076914080000
C5B1H2S2P7L1M1J1E2A1,MSP,CL5S,12,4,12,12,340,12,40,MEPDG,0.01108836000000,0.00030607700000
C5B1H2S2P7L1M1J1E2A2,MSP,CL5S,12,4,12,12,340,12,40,MNAVG,0.00289491700000,0.00003838433000
C5B1H2S2P7L1M1J1E2A3,MSP,CL5S,12,4,12,12,340,12,40,MNHVY,0.00315063900000,0.00051764220000
C5B1H2S2P7L1M1J2E1A1,MSP,CL5S,12,4,12,12,340,15,10,MEPDG,0.13645720000000,0.07099143000000
C5B1H2S2P7L1M1J2E1A2,MSP,CL5S,12,4,12,12,340,15,10,MNAVG,0.04039558000000,0.01069548000000
C5B1H2S2P7L1M1J2E1A3,MSP,CL5S,12,4,12,12,340,15,10,MNHVY,0.07300100000000,0.13234620000000
C5B1H2S2P7L1M1J2E2A1,MSP,CL5S,12,4,12,12,340,15,40,MEPDG,0.05154933000000,0.03706584000000
C5B1H2S2P7L1M1J2E2A2,MSP,CL5S,12,4,12,12,340,15,40,MNAVG,0.01682693000000,0.00568907500000
C5B1H2S2P7L1M1J2E2A3,MSP,CL5S,12,4,12,12,340,15,40,MNHVY,0.02701740000000,0.06923646000000
C5B1H2S2P7L1M2J1E1A1,MSP,CL5S,12,4,12,12,590,12,10,MEPDG,0.00016252490000,0.00002006711000
C5B1H2S2P7L1M2J1E1A2,MSP,CL5S,12,4,12,12,590,12,10,MNAVG,0.00003285213000,0.00000174492600
C5B1H2S2P7L1M2J1E1A3,MSP,CL5S,12,4,12,12,590,12,10,MNHVY,0.00002560897000,0.00002580583000
C5B1H2S2P7L1M2J1E2A1,MSP,CL5S,12,4,12,12,590,12,40,MEPDG,0.00003553617000,0.00001364472000
C5B1H2S2P7L1M2J1E2A2,MSP,CL5S,12,4,12,12,590,12,40,MNAVG,0.00000919830400,0.00000113829600
```

```
C5B1H2S2P7L1M2J1E2A3,MSP,CL5S,12,4,12,12,590,12,40,MNHVY,0.00000647598600,0.00001671768000
C5B1H2S2P7L1M2J2E1A1,MSP,CL5S,12,4,12,12,590,15,10,MEPDG,0.00093045870000,0.00011455990000
C5B1H2S2P7L1M2J2E1A2,MSP,CL5S,12,4,12,12,590,15,10,MNAVG,0.00017364810000,0.00001506418000
C5B1H2S2P7L1M2J2E1A3,MSP,CL5S,12,4,12,12,590,15,10,MNHVY,0.00021791440000,0.00020170000000
C5B1H2S2P7L1M2J2E2A1,MSP,CL5S,12,4,12,12,590,15,40,MEPDG,0.00024482980000,0.00078511770000
C5B1H2S2P7L1M2J2E2A2,MSP,CL5S,12,4,12,12,590,15,40,MNAVG,0.00005573900000,0.00009361369000
C5B1H2S2P7L1M2J2E2A3,MSP,CL5S,12,4,12,12,590,15,40,MNHVY,0.00006041121000,0.00125725000000
C5B1H2S2P7L1M3J1E1A1,MSP,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000235723700,0.00000096248270
C5B1H2S2P7L1M3J1E1A2,MSP,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000042789100,0.00000005476362
C5B1H2S2P7L1M3J1E1A3,MSP,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000026416630,0.00000082911440
C5B1H2S2P7L1M3J1E2A1,MSP,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000036640540,0.00000070411180
C5B1H2S2P7L1M3J1E2A2,MSP,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000009300397,0.00000003677948
C5B1H2S2P7L1M3J1E2A3,MSP,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000005168292,0.00000055292150
C5B1H2S2P7L1M3J2E1A1,MSP,CL5S,12,4,12,12,840,15,10,MEPDG,0.00001294847000,0.00004741472000
C5B1H2S2P7L1M3J2E1A2,MSP,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000210811800,0.00000427020000
C5B1H2S2P7L1M3J2E1A3,MSP,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000177191100,0.00006176537000
C5B1H2S2P7L1M3J2E2A1,MSP,CL5S,12,4,12,12,840,15,40,MEPDG,0.00000255716200,0.00000665788100
C5B1H2S2P7L1M3J2E2A2,MSP,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000055045640,0.00000062175420
C5B1H2S2P7L1M3J2E2A3,MSP,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000041205150,0.00000890756600
C5B1H2S2P7L2M1J1E1A1,MSP,CL5S,12,4,12,13,340,12,10,MEPDG,0.00216176200000,0.00014510780000
C5B1H2S2P7L2M1J1E1A2,MSP,CL5S,12,4,12,13,340,12,10,MNAVG,0.00058022640000,0.00001835197000
C5B1H2S2P7L2M1J1E1A3,MSP,CL5S,12,4,12,13,340,12,10,MNHVY,0.00060727690000,0.00024662490000
C5B1H2S2P7L2M1J1E2A1,MSP,CL5S,12,4,12,13,340,12,40,MEPDG,0.00216176200000,0.00014510780000
C5B1H2S2P7L2M1J1E2A2,MSP,CL5S,12,4,12,13,340,12,40,MNAVG,0.00058022640000,0.00001835197000
C5B1H2S2P7L2M1J1E2A3,MSP,CL5S,12,4,12,13,340,12,40,MNHVY,0.00060727690000,0.00024662490000
C5B1H2S2P7L2M1J2E1A1,MSP,CL5S,12,4,12,13,340,15,10,MEPDG,0.01111181000000,0.01855370000000
C5B1H2S2P7L2M1J2E1A2,MSP,CL5S,12,4,12,13,340,15,10,MNAVG,0.00368898200000,0.00290953000000
C5B1H2S2P7L2M1J2E1A3,MSP,CL5S,12,4,12,13,340,15,10,MNHVY,0.00576508000000,0.03496874000000
C5B1H2S2P7L2M1J2E2A1,MSP,CL5S,12,4,12,13,340,15,40,MEPDG,0.01111181000000,0.01855370000000
C5B1H2S2P7L2M1J2E2A2,MSP,CL5S,12,4,12,13,340,15,40,MNAVG,0.00368898200000,0.00290953000000
C5B1H2S2P7L2M1J2E2A3,MSP,CL5S,12,4,12,13,340,15,40,MNHVY,0.00576508000000,0.03496874000000
C5B1H2S2P7L2M2J1E1A1,MSP,CL5S,12,4,12,13,590,12,10,MEPDG,0.00000628210200,0.00000611630400
C5B1H2S2P7L2M2J1E1A2,MSP,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000168414200,0.00000051238750
C5B1H2S2P7L2M2J1E1A3,MSP,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000119893200,0.00000751057100
C5B1H2S2P7L2M2J1E2A1,MSP,CL5S,12,4,12,13,590,12,40,MEPDG,0.00000628210200,0.00000611630400
C5B1H2S2P7L2M2J1E2A2,MSP,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000168414200,0.00000051238750
C5B1H2S2P7L2M2J1E2A3,MSP,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000119893200,0.00000751057100
C5B1H2S2P7L2M2J2E1A1,MSP,CL5S,12,4,12,13,590,15,10,MEPDG,0.00004588954000,0.00038364720000
C5B1H2S2P7L2M2J2E1A2,MSP,CL5S,12,4,12,13,590,15,10,MNAVG,0.00001092707000,0.00004592091000
C5B1H2S2P7L2M2J2E1A3,MSP,CL5S,12,4,12,13,590,15,10,MNHVY,0.00001182624000,0.00061398560000
C5B1H2S2P7L2M2J2E2A1,MSP,CL5S,12,4,12,13,590,15,40,MEPDG,0.00004588954000,0.00038364720000
C5B1H2S2P7L2M2J2E2A2,MSP,CL5S,12,4,12,13,590,15,40,MNAVG,0.00001092707000,0.00004592091000
C5B1H2S2P7L2M2J2E2A3,MSP,CL5S,12,4,12,13,590,15,40,MNHVY,0.00001182624000,0.00061398560000
C5B1H2S2P7L2M3J1E1A1,MSP,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000005618136,0.00000029873600
C5B1H2S2P7L2M3J1E1A2,MSP,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000001522037,0.00000001542994
C5B1H2S2P7L2M3J1E1A3,MSP,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000000835051,0.00000023160260
C5B1H2S2P7L2M3J1E2A1,MSP,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000005618136,0.00000029873600
C5B1H2S2P7L2M3J1E2A2,MSP,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000001522037,0.00000001542994
C5B1H2S2P7L2M3J1E2A3,MSP,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000000835051,0.00000023160260
C5B1H2S2P7L2M3J2E1A1,MSP,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000041300570,0.00000343571700
```

```
C5B1H2S2P7L2M3J2E1A2,MSP,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000009511137,0.00000032043290
C5B1H2S2P7L2M3J2E1A3,MSP,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000006951696,0.00000458022000
C5B1H2S2P7L2M3J2E2A1,MSP,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000041300570,0.00000343571700
C5B1H2S2P7L2M3J2E2A2,MSP,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000009511137,0.00000032043290
C5B1H2S2P7L2M3J2E2A3,MSP,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000006951696,0.00000458022000
C5B2H1S1P1L1M1J1E1A1,MSP,CL5Q,4,12,6,12,340,12,10,MEPDG,83.67609000000000,0.98356400000000
C5B2H1S1P1L1M1J1E1A2,MSP,CL5Q,4,12,6,12,340,12,10,MNAVG,66.29050000000000,0.10108370000000
C5B2H1S1P1L1M1J1E1A3,MSP,CL5Q,4,12,6,12,340,12,10,MNHVY,113.62940000000000,1.24490000000000
C5B2H1S1P1L1M1J1E2A1,MSP,CL5Q,4,12,6,12,340,12,40,MEPDG,50.51637000000000,0.54533920000000
C5B2H1S1P1L1M1J1E2A2,MSP,CL5Q,4,12,6,12,340,12,40,MNAVG,37.25697000000000,0.05366342000000
C5B2H1S1P1L1M1J1E2A3,MSP,CL5Q,4,12,6,12,340,12,40,MNHVY,65.67852000000000,0.66640990000000
C5B2H1S1P1L1M1J2E1A1,MSP,CL5Q,4,12,6,12,340,15,10,MEPDG,94.42169000000000,0.74034450000000
C5B2H1S1P1L1M1J2E1A2,MSP,CL5Q,4,12,6,12,340,15,10,MNAVG,76.38478000000000,0.11722420000000
C5B2H1S1P1L1M1J2E1A3,MSP,CL5Q,4,12,6,12,340,15,10,MNHVY,132.58030000000000,1.24026000000000
C5B2H1S1P1L1M1J2E2A1,MSP,CL5Q,4,12,6,12,340,15,40,MEPDG,57.87524000000000,0.41003010000000
C5B2H1S1P1L1M1J2E2A2,MSP,CL5Q,4,12,6,12,340,15,40,MNAVG,43.83692000000000,0.06544998000000
C5B2H1S1P1L1M1J2E2A3,MSP,CL5Q,4,12,6,12,340,15,40,MNHVY,78.37138000000000,0.69020990000000
C5B2H1S1P1L1M2J1E1A1,MSP,CL5Q,4,12,6,12,590,12,10,MEPDG,5.06633800000000,0.08703754000000
C5B2H1S1P1L1M2J1E1A2,MSP,CL5Q,4,12,6,12,590,12,10,MNAVG,3.08688100000000,0.00880090700000
C5B2H1S1P1L1M2J1E1A3,MSP,CL5Q,4,12,6,12,590,12,10,MNHVY,4.71889500000000,0.10293270000000
C5B2H1S1P1L1M2J1E2A1,MSP,CL5Q,4,12,6,12,590,12,40,MEPDG,2.64840200000000,0.04367288000000
C5B2H1S1P1L1M2J1E2A2,MSP,CL5Q,4,12,6,12,590,12,40,MNAVG,1.52534700000000,0.00386080000000
C5B2H1S1P1L1M2J1E2A3,MSP,CL5Q,4,12,6,12,590,12,40,MNHVY,2.34234400000000,0.04678301000000
C5B2H1S1P1L1M2J2E1A1,MSP,CL5Q,4,12,6,12,590,15,10,MEPDG,7.31142500000000,0.15663990000000
C5B2H1S1P1L1M2J2E1A2,MSP,CL5Q,4,12,6,12,590,15,10,MNAVG,4.93903900000000,0.02598322000000
C5B2H1S1P1L1M2J2E1A3,MSP,CL5Q,4,12,6,12,590,15,10,MNHVY,8.07183600000000,0.26344500000000
C5B2H1S1P1L1M2J2E2A1,MSP,CL5Q,4,12,6,12,590,15,40,MEPDG,4.01460100000000,0.07704115000000
C5B2H1S1P1L1M2J2E2A2,MSP,CL5Q,4,12,6,12,590,15,40,MNAVG,2.61390400000000,0.01225267000000
C5B2H1S1P1L1M2J2E2A3,MSP,CL5Q,4,12,6,12,590,15,40,MNHVY,4.32703500000000,0.12717740000000
C5B2H1S1P1L1M3J1E1A1,MSP,CL5Q,4,12,6,12,840,12,10,MEPDG,0.57192780000000,0.01033900000000
C5B2H1S1P1L1M3J1E1A2,MSP,CL5Q,4,12,6,12,840,12,10,MNAVG,0.26815650000000,0.00083915370000
C5B2H1S1P1L1M3J1E1A3,MSP,CL5Q,4,12,6,12,840,12,10,MNHVY,0.38446810000000,0.01026426000000
C5B2H1S1P1L1M3J1E2A1,MSP,CL5Q,4,12,6,12,840,12,40,MEPDG,0.25935310000000,0.00488736700000
C5B2H1S1P1L1M3J1E2A2,MSP,CL5Q,4,12,6,12,840,12,40,MNAVG,0.11782250000000,0.00032307190000
C5B2H1S1P1L1M3J1E2A3,MSP,CL5Q,4,12,6,12,840,12,40,MNHVY,0.16489600000000,0.00407458000000
C5B2H1S1P1L1M3J2E1A1,MSP,CL5Q,4,12,6,12,840,15,10,MEPDG,1.08577800000000,0.03260224000000
C5B2H1S1P1L1M3J2E1A2,MSP,CL5Q,4,12,6,12,840,15,10,MNAVG,0.62874450000000,0.00499632900000
C5B2H1S1P1L1M3J2E1A3,MSP,CL5Q,4,12,6,12,840,15,10,MNHVY,1.03985500000000,0.05243668000000
C5B2H1S1P1L1M3J2E2A1,MSP,CL5Q,4,12,6,12,840,15,40,MEPDG,0.52739270000000,0.01410378000000
C5B2H1S1P1L1M3J2E2A2,MSP,CL5Q,4,12,6,12,840,15,40,MNAVG,0.30168010000000,0.00197350700000
C5B2H1S1P1L1M3J2E2A3,MSP,CL5Q,4,12,6,12,840,15,40,MNHVY,0.49087350000000,0.02153202000000
C5B2H1S1P1L2M1J1E1A1,MSP,CL5Q,4,12,6,13,340,12,10,MEPDG,12.64725000000000,0.18521710000000
C5B2H1S1P1L2M1J1E1A2,MSP,CL5Q,4,12,6,13,340,12,10,MNAVG,8.89853500000000,0.01916279000000
C5B2H1S1P1L2M1J1E1A3,MSP,CL5Q,4,12,6,13,340,12,10,MNHVY,15.91005000000000,0.23079060000000
C5B2H1S1P1L2M1J1E2A1,MSP,CL5Q,4,12,6,13,340,12,40,MEPDG,12.64725000000000,0.18521710000000
C5B2H1S1P1L2M1J1E2A2,MSP,CL5Q,4,12,6,13,340,12,40,MNAVG,8.89853500000000,0.01916279000000
C5B2H1S1P1L2M1J1E2A3,MSP,CL5Q,4,12,6,13,340,12,40,MNHVY,15.91005000000000,0.23079060000000
C5B2H1S1P1L2M1J2E1A1,MSP,CL5Q,4,12,6,13,340,15,10,MEPDG,14.69165000000000,0.16509210000000
C5B2H1S1P1L2M1J2E1A2,MSP,CL5Q,4,12,6,13,340,15,10,MNAVG,10.67465000000000,0.02814023000000
C5B2H1S1P1L2M1J2E1A3,MSP,CL5Q,4,12,6,13,340,15,10,MNHVY,19.34014000000000,0.28405160000000
```

```
C5B2H1S1P1L2M1J2E2A1,MSP,CL5Q,4,12,6,13,340,15,40,MEPDG,14.69165000000000,0.16509210000000
C5B2H1S1P1L2M1J2E2A2,MSP,CL5Q,4,12,6,13,340,15,40,MNAVG,10.67465000000000,0.02814023000000
C5B2H1S1P1L2M1J2E2A3,MSP,CL5Q,4,12,6,13,340,15,40,MNHVY,19.34014000000000,0.28405160000000
C5B2H1S1P1L2M2J1E1A1,MSP,CL5Q,4,12,6,13,590,12,10,MEPDG,0.62558020000000,0.01444130000000
C5B2H1S1P1L2M2J1E1A2,MSP,CL5Q,4,12,6,13,590,12,10,MNAVG,0.34669690000000,0.00133756000000
C5B2H1S1P1L2M2J1E1A3,MSP,CL5Q,4,12,6,13,590,12,10,MNHVY,0.54190900000000,0.01591084000000
C5B2H1S1P1L2M2J1E2A1,MSP,CL5Q,4,12,6,13,590,12,40,MEPDG,0.62558020000000,0.01444130000000
C5B2H1S1P1L2M2J1E2A2,MSP,CL5Q,4,12,6,13,590,12,40,MNAVG,0.34669690000000,0.00133756000000
C5B2H1S1P1L2M2J1E2A3,MSP,CL5Q,4,12,6,13,590,12,40,MNHVY,0.54190900000000,0.01591084000000
C5B2H1S1P1L2M2J2E1A1,MSP,CL5Q,4,12,6,13,590,15,10,MEPDG,0.97682550000000,0.03126691000000
C5B2H1S1P1L2M2J2E1A2,MSP,CL5Q,4,12,6,13,590,15,10,MNAVG,0.62005500000000,0.00528657500000
C5B2H1S1P1L2M2J2E1A3,MSP,CL5Q,4,12,6,13,590,15,10,MNHVY,1.04054500000000,0.05297998000000
C5B2H1S1P1L2M2J2E2A1,MSP,CL5Q,4,12,6,13,590,15,40,MEPDG,0.97682550000000,0.03126691000000
C5B2H1S1P1L2M2J2E2A2,MSP,CL5Q,4,12,6,13,590,15,40,MNAVG,0.62005500000000,0.00528657500000
C5B2H1S1P1L2M2J2E2A3,MSP,CL5Q,4,12,6,13,590,15,40,MNHVY,1.04054500000000,0.05297998000000
C5B2H1S1P1L2M3J1E1A1,MSP,CL5Q,4,12,6,13,840,12,10,MEPDG,0.05731765000000,0.00151780300000
C5B2H1S1P1L2M3J1E1A2,MSP,CL5Q,4,12,6,13,840,12,10,MNAVG,0.02525523000000,0.00010078910000
C5B2H1S1P1L2M3J1E1A3,MSP,CL5Q,4,12,6,13,840,12,10,MNHVY,0.03559425000000,0.00126893100000
C5B2H1S1P1L2M3J1E2A1,MSP,CL5Q,4,12,6,13,840,12,40,MEPDG,0.05731765000000,0.00151780300000
C5B2H1S1P1L2M3J1E2A2,MSP,CL5Q,4,12,6,13,840,12,40,MNAVG,0.02525523000000,0.00010078910000
C5B2H1S1P1L2M3J1E2A3,MSP,CL5Q,4,12,6,13,840,12,40,MNHVY,0.03559425000000,0.00126893100000
C5B2H1S1P1L2M3J2E1A1,MSP,CL5Q,4,12,6,13,840,15,10,MEPDG,0.12449740000000,0.00530779200000
C5B2H1S1P1L2M3J2E1A2,MSP,CL5Q,4,12,6,13,840,15,10,MNAVG,0.07066610000000,0.00077507650000
C5B2H1S1P1L2M3J2E1A3,MSP,CL5Q,4,12,6,13,840,15,10,MNHVY,0.11664560000000,0.00830282200000
C5B2H1S1P1L2M3J2E2A1,MSP,CL5Q,4,12,6,13,840,15,40,MEPDG,0.12449740000000,0.00530779200000
C5B2H1S1P1L2M3J2E2A2,MSP,CL5Q,4,12,6,13,840,15,40,MNAVG,0.07066610000000,0.00077507650000
C5B2H1S1P1L2M3J2E2A3,MSP,CL5Q,4,12,6,13,840,15,40,MNHVY,0.11664560000000,0.00830282200000
C5B2H1S1P2L1M1J1E1A1,MSP,CL5Q,4,12,7,12,340,12,10,MEPDG,27.78528000000000,0.63128000000000
C5B2H1S1P2L1M1J1E1A2,MSP,CL5Q,4,12,7,12,340,12,10,MNAVG,19.84530000000000,0.07907047000000
C5B2H1S1P2L1M1J1E1A3,MSP,CL5Q,4,12,7,12,340,12,10,MNHVY,32.82749000000000,0.90680130000000
C5B2H1S1P2L1M1J1E2A1,MSP,CL5Q,4,12,7,12,340,12,40,MEPDG,15.72776000000000,0.34350780000000
C5B2H1S1P2L1M1J1E2A2,MSP,CL5Q,4,12,7,12,340,12,40,MNAVG,10.65090000000000,0.03992210000000
C5B2H1S1P2L1M1J1E2A3,MSP,CL5Q,4,12,7,12,340,12,40,MNHVY,17.75716000000000,0.46818430000000
C5B2H1S1P2L1M1J2E1A1,MSP,CL5Q,4,12,7,12,340,15,10,MEPDG,37.21652000000000,0.83158460000000
C5B2H1S1P2L1M1J2E1A2,MSP,CL5Q,4,12,7,12,340,15,10,MNAVG,28.34678000000000,0.14940800000000
C5B2H1S1P2L1M1J2E1A3,MSP,CL5Q,4,12,7,12,340,15,10,MNHVY,48.60761000000000,1.49424300000000
C5B2H1S1P2L1M1J2E2A1,MSP,CL5Q,4,12,7,12,340,15,40,MEPDG,21.90412000000000,0.46049840000000
C5B2H1S1P2L1M1J2E2A2,MSP,CL5Q,4,12,7,12,340,15,40,MNAVG,16.03836000000000,0.08196168000000
C5B2H1S1P2L1M1J2E2A3,MSP,CL5Q,4,12,7,12,340,15,40,MNHVY,27.86407000000000,0.82323660000000
C5B2H1S1P2L1M2J1E1A1,MSP,CL5Q,4,12,7,12,590,12,10,MEPDG,1.24009800000000,0.03940301000000
C5B2H1S1P2L1M2J1E1A2,MSP,CL5Q,4,12,7,12,590,12,10,MNAVG,0.60049440000000,0.00436202000000
C5B2H1S1P2L1M2J1E1A3,MSP,CL5Q,4,12,7,12,590,12,10,MNHVY,0.90890230000000,0.05130525000000
C5B2H1S1P2L1M2J1E2A1,MSP,CL5Q,4,12,7,12,590,12,40,MEPDG,0.57416260000000,0.01938812000000
C5B2H1S1P2L1M2J1E2A2,MSP,CL5Q,4,12,7,12,590,12,40,MNAVG,0.27153800000000,0.00187421800000
C5B2H1S1P2L1M2J1E2A3,MSP,CL5Q,4,12,7,12,590,12,40,MNHVY,0.39693530000000,0.02250902000000
C5B2H1S1P2L1M2J2E1A1,MSP,CL5Q,4,12,7,12,590,15,10,MEPDG,2.50570800000000,0.11759680000000
C5B2H1S1P2L1M2J2E1A2,MSP,CL5Q,4,12,7,12,590,15,10,MNAVG,1.49426600000000,0.02082724000000
C5B2H1S1P2L1M2J2E1A3,MSP,CL5Q,4,12,7,12,590,15,10,MNHVY,2.58335900000000,0.20877550000000
C5B2H1S1P2L1M2J2E2A1,MSP,CL5Q,4,12,7,12,590,15,40,MEPDG,1.27215100000000,0.05669571000000
C5B2H1S1P2L1M2J2E2A2,MSP,CL5Q,4,12,7,12,590,15,40,MNAVG,0.76232800000000,0.00958928700000
```

```
C5B2H1S1P2L1M2J2E2A3,MSP,CL5Q,4,12,7,12,590,15,40,MNHVY,1.29467100000000,0.09809752000000
C5B2H1S1P2L1M3J1E1A1,MSP,CL5Q,4,12,7,12,840,12,10,MEPDG,0.09717435000000,0.00271250800000
C5B2H1S1P2L1M3J1E1A2,MSP,CL5Q,4,12,7,12,840,12,10,MNAVG,0.03436047000000,0.00022469650000
C5B2H1S1P2L1M3J1E1A3,MSP,CL5Q,4,12,7,12,840,12,10,MNHVY,0.04723061000000,0.00285026700000
C5B2H1S1P2L1M3J1E2A1,MSP,CL5Q,4,12,7,12,840,12,40,MEPDG,0.03752480000000,0.00125277600000
C5B2H1S1P2L1M3J1E2A2,MSP,CL5Q,4,12,7,12,840,12,40,MNAVG,0.01351422000000,0.00008469123000
C5B2H1S1P2L1M3J1E2A3,MSP,CL5Q,4,12,7,12,840,12,40,MNHVY,0.01731117000000,0.00109630300000
C5B2H1S1P2L1M3J2E1A1,MSP,CL5Q,4,12,7,12,840,15,10,MEPDG,0.30413650000000,0.01441369000000
C5B2H1S1P2L1M3J2E1A2,MSP,CL5Q,4,12,7,12,840,15,10,MNAVG,0.14733310000000,0.00223628600000
C5B2H1S1P2L1M3J2E1A3,MSP,CL5Q,4,12,7,12,840,15,10,MNHVY,0.27339980000000,0.02411001000000
C5B2H1S1P2L1M3J2E2A1,MSP,CL5Q,4,12,7,12,840,15,40,MEPDG,0.13417750000000,0.00617799100000
C5B2H1S1P2L1M3J2E2A2,MSP,CL5Q,4,12,7,12,840,15,40,MNAVG,0.06737644000000,0.00088382360000
C5B2H1S1P2L1M3J2E2A3,MSP,CL5Q,4,12,7,12,840,15,40,MNHVY,0.11913970000000,0.00975193900000
C5B2H1S1P2L2M1J1E1A1,MSP,CL5Q,4,12,7,13,340,12,10,MEPDG,3.86829700000000,0.12480020000000
C5B2H1S1P2L2M1J1E1A2,MSP,CL5Q,4,12,7,13,340,12,10,MNAVG,2.51707100000000,0.01540133000000
C5B2H1S1P2L2M1J1E1A3,MSP,CL5Q,4,12,7,13,340,12,10,MNHVY,4.24530500000000,0.17527860000000
C5B2H1S1P2L2M1J1E2A1,MSP,CL5Q,4,12,7,13,340,12,40,MEPDG,3.86829700000000,0.12480020000000
C5B2H1S1P2L2M1J1E2A2,MSP,CL5Q,4,12,7,13,340,12,40,MNAVG,2.51707100000000,0.01540133000000
C5B2H1S1P2L2M1J1E2A3,MSP,CL5Q,4,12,7,13,340,12,40,MNHVY,4.24530500000000,0.17527860000000
C5B2H1S1P2L2M1J2E1A1,MSP,CL5Q,4,12,7,13,340,15,10,MEPDG,5.59193000000000,0.20244220000000
C5B2H1S1P2L2M1J2E1A2,MSP,CL5Q,4,12,7,13,340,15,10,MNAVG,3.99356200000000,0.03832452000000
C5B2H1S1P2L2M1J2E1A3,MSP,CL5Q,4,12,7,13,340,15,10,MNHVY,7.01112700000000,0.36858740000000
C5B2H1S1P2L2M1J2E2A1,MSP,CL5Q,4,12,7,13,340,15,40,MEPDG,5.59193000000000,0.20244220000000
C5B2H1S1P2L2M1J2E2A2,MSP,CL5Q,4,12,7,13,340,15,40,MNAVG,3.99356200000000,0.03832452000000
C5B2H1S1P2L2M1J2E2A3,MSP,CL5Q,4,12,7,13,340,15,40,MNHVY,7.01112700000000,0.36858740000000
C5B2H1S1P2L2M2J1E1A1,MSP,CL5Q,4,12,7,13,590,12,10,MEPDG,0.12927520000000,0.00660287600000
C5B2H1S1P2L2M2J1E1A2,MSP,CL5Q,4,12,7,13,590,12,10,MNAVG,0.05940108000000,0.00066121980000
C5B2H1S1P2L2M2J1E1A3,MSP,CL5Q,4,12,7,13,590,12,10,MNHVY,0.08715764000000,0.00785079000000
C5B2H1S1P2L2M2J1E2A1,MSP,CL5Q,4,12,7,13,590,12,40,MEPDG,0.12927520000000,0.00660287600000
C5B2H1S1P2L2M2J1E2A2,MSP,CL5Q,4,12,7,13,590,12,40,MNAVG,0.05940108000000,0.00066121980000
C5B2H1S1P2L2M2J1E2A3,MSP,CL5Q,4,12,7,13,590,12,40,MNHVY,0.08715764000000,0.00785079000000
C5B2H1S1P2L2M2J2E1A1,MSP,CL5Q,4,12,7,13,590,15,10,MEPDG,0.31017210000000,0.02381381000000
C5B2H1S1P2L2M2J2E1A2,MSP,CL5Q,4,12,7,13,590,15,10,MNAVG,0.18556660000000,0.00421104600000
C5B2H1S1P2L2M2J2E1A3,MSP,CL5Q,4,12,7,13,590,15,10,MNHVY,0.31846180000000,0.04212535000000
C5B2H1S1P2L2M2J2E2A1,MSP,CL5Q,4,12,7,13,590,15,40,MEPDG,0.31017210000000,0.02381381000000
C5B2H1S1P2L2M2J2E2A2,MSP,CL5Q,4,12,7,13,590,15,40,MNAVG,0.18556660000000,0.00421104600000
C5B2H1S1P2L2M2J2E2A3,MSP,CL5Q,4,12,7,13,590,15,40,MNHVY,0.31846180000000,0.04212535000000
C5B2H1S1P2L2M3J1E1A1,MSP,CL5Q,4,12,7,13,840,12,10,MEPDG,0.00789176300000,0.00039725060000
C5B2H1S1P2L2M3J1E1A2,MSP,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00282001000000,0.00002696961000
C5B2H1S1P2L2M3J1E1A3,MSP,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00362649900000,0.00034742710000
C5B2H1S1P2L2M3J1E2A1,MSP,CL5Q,4,12,7,13,840,12,40,MEPDG,0.00789176300000,0.00039725060000
C5B2H1S1P2L2M3J1E2A2,MSP,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00282001000000,0.00002696961000
C5B2H1S1P2L2M3J1E2A3,MSP,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00362649900000,0.00034742710000
C5B2H1S1P2L2M3J2E1A1,MSP,CL5Q,4,12,7,13,840,15,10,MEPDG,0.03108238000000,0.00236554100000
C5B2H1S1P2L2M3J2E1A2,MSP,CL5Q,4,12,7,13,840,15,10,MNAVG,0.01569177000000,0.00034688090000
C5B2H1S1P2L2M3J2E1A3,MSP,CL5Q,4,12,7,13,840,15,10,MNHVY,0.02802539000000,0.00380411100000
C5B2H1S1P2L2M3J2E2A1,MSP,CL5Q,4,12,7,13,840,15,40,MEPDG,0.03108238000000,0.00236554100000
C5B2H1S1P2L2M3J2E2A2,MSP,CL5Q,4,12,7,13,840,15,40,MNAVG,0.01569177000000,0.00034688090000
C5B2H1S1P2L2M3J2E2A3,MSP,CL5Q,4,12,7,13,840,15,40,MNHVY,0.02802539000000,0.00380411100000
C5B2H1S1P3L1M1J1E1A1,MSP,CL5Q,4,12,8,12,340,12,10,MEPDG,8.77669000000000,0.46096940000000
```

```
C5B2H1S1P3L1M1J1E1A2,MSP,CL5Q,4,12,8,12,340,12,10,MNAVG,5.22433900000000,0.06450693000000
C5B2H1S1P3L1M1J1E1A3,MSP,CL5Q,4,12,8,12,340,12,10,MNHVY,8.41416100000000,0.72622300000000
C5B2H1S1P3L1M1J1E2A1,MSP,CL5Q,4,12,8,12,340,12,40,MEPDG,4.53020500000000,0.24683260000000
C5B2H1S1P3L1M1J1E2A2,MSP,CL5Q,4,12,8,12,340,12,40,MNAVG,2.60924400000000,0.03208209000000
C5B2H1S1P3L1M1J1E2A3,MSP,CL5Q,4,12,8,12,340,12,40,MNHVY,4.10326300000000,0.36694520000000
C5B2H1S1P3L1M1J2E1A1,MSP,CL5Q,4,12,8,12,340,15,10,MEPDG,14.84337000000000,0.88408690000000
C5B2H1S1P3L1M1J2E1A2,MSP,CL5Q,4,12,8,12,340,15,10,MNAVG,10.08092000000000,0.16922830000000
C5B2H1S1P3L1M1J2E1A3,MSP,CL5Q,4,12,8,12,340,15,10,MNHVY,17.56919000000000,1.66118900000000
C5B2H1S1P3L1M1J2E2A1,MSP,CL5Q,4,12,8,12,340,15,40,MEPDG,8.19609200000000,0.48394010000000
C5B2H1S1P3L1M1J2E2A2,MSP,CL5Q,4,12,8,12,340,15,40,MNAVG,5.50710300000000,0.09108035000000
C5B2H1S1P3L1M1J2E2A3,MSP,CL5Q,4,12,8,12,340,15,40,MNHVY,9.48902900000000,0.89925030000000
C5B2H1S1P3L1M2J1E1A1,MSP,CL5Q,4,12,8,12,590,12,10,MEPDG,0.24888430000000,0.01613091000000
C5B2H1S1P3L1M2J1E1A2,MSP,CL5Q,4,12,8,12,590,12,10,MNAVG,0.09047976000000,0.00191966600000
C5B2H1S1P3L1M2J1E1A3,MSP,CL5Q,4,12,8,12,590,12,10,MNHVY,0.13142220000000,0.02300990000000
C5B2H1S1P3L1M2J1E2A1,MSP,CL5Q,4,12,8,12,590,12,40,MEPDG,0.10047270000000,0.00770550100000
C5B2H1S1P3L1M2J1E2A2,MSP,CL5Q,4,12,8,12,590,12,40,MNAVG,0.03719409000000,0.00080046010000
C5B2H1S1P3L1M2J1E2A3,MSP,CL5Q,4,12,8,12,590,12,40,MNHVY,0.05045104000000,0.00981671700000
C5B2H1S1P3L1M2J2E1A1,MSP,CL5Q,4,12,8,12,590,15,10,MEPDG,0.72296480000000,0.07234472000000
C5B2H1S1P3L1M2J2E1A2,MSP,CL5Q,4,12,8,12,590,15,10,MNAVG,0.35278880000000,0.01304748000000
C5B2H1S1P3L1M2J2E1A3,MSP,CL5Q,4,12,8,12,590,15,10,MNHVY,0.64857550000000,0.13451280000000
C5B2H1S1P3L1M2J2E2A1,MSP,CL5Q,4,12,8,12,590,15,40,MEPDG,0.33091060000000,0.03457400000000
C5B2H1S1P3L1M2J2E2A2,MSP,CL5Q,4,12,8,12,590,15,40,MNAVG,0.16789860000000,0.00599062300000
C5B2H1S1P3L1M2J2E2A3,MSP,CL5Q,4,12,8,12,590,15,40,MNHVY,0.29366900000000,0.06242555000000
C5B2H1S1P3L1M3J1E1A1,MSP,CL5Q,4,12,8,12,840,12,10,MEPDG,0.01271338000000,0.00070404870000
C5B2H1S1P3L1M3J1E1A2,MSP,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00353746900000,0.00006160710000
C5B2H1S1P3L1M3J1E1A3,MSP,CL5Q,4,12,8,12,840,12,10,MNHVY,0.00430784200000,0.00078961910000
C5B2H1S1P3L1M3J1E2A1,MSP,CL5Q,4,12,8,12,840,12,40,MEPDG,0.00408356800000,0.00031952620000
C5B2H1S1P3L1M3J1E2A2,MSP,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00123967100000,0.00002300589000
C5B2H1S1P3L1M3J1E2A3,MSP,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00136112600000,0.00030251940000
C5B2H1S1P3L1M3J2E1A1,MSP,CL5Q,4,12,8,12,840,15,10,MEPDG,0.06438216000000,0.00578932400000
C5B2H1S1P3L1M3J2E1A2,MSP,CL5Q,4,12,8,12,840,15,10,MNAVG,0.02365634000000,0.00088803870000
C5B2H1S1P3L1M3J2E1A3,MSP,CL5Q,4,12,8,12,840,15,10,MNHVY,0.04854259000000,0.01004336000000
C5B2H1S1P3L1M3J2E2A1,MSP,CL5Q,4,12,8,12,840,15,40,MEPDG,0.02494555000000,0.00249195900000
C5B2H1S1P3L1M3J2E2A2,MSP,CL5Q,4,12,8,12,840,15,40,MNAVG,0.00987573200000,0.00035483940000
C5B2H1S1P3L1M3J2E2A3,MSP,CL5Q,4,12,8,12,840,15,40,MNHVY,0.01879797000000,0.00408039400000
C5B2H1S1P3L2M1J1E1A1,MSP,CL5Q,4,12,8,13,340,12,10,MEPDG,1.07638000000000,0.09409496000000
C5B2H1S1P3L2M1J1E1A2,MSP,CL5Q,4,12,8,13,340,12,10,MNAVG,0.59838470000000,0.01287393000000
C5B2H1S1P3L2M1J1E1A3,MSP,CL5Q,4,12,8,13,340,12,10,MNHVY,0.94498520000000,0.14399740000000
C5B2H1S1P3L2M1J1E2A1,MSP,CL5Q,4,12,8,13,340,12,40,MEPDG,1.07638000000000,0.09409496000000
C5B2H1S1P3L2M1J1E2A2,MSP,CL5Q,4,12,8,13,340,12,40,MNAVG,0.59838470000000,0.01287393000000
C5B2H1S1P3L2M1J1E2A3,MSP,CL5Q,4,12,8,13,340,12,40,MNHVY,0.94498520000000,0.14399740000000
C5B2H1S1P3L2M1J2E1A1,MSP,CL5Q,4,12,8,13,340,15,10,MEPDG,2.07138300000000,0.22276100000000
C5B2H1S1P3L2M1J2E1A2,MSP,CL5Q,4,12,8,13,340,15,10,MNAVG,1.37442300000000,0.04410549000000
C5B2H1S1P3L2M1J2E1A3,MSP,CL5Q,4,12,8,13,340,15,10,MNHVY,2.38178600000000,0.42052120000000
C5B2H1S1P3L2M1J2E2A1,MSP,CL5Q,4,12,8,13,340,15,40,MEPDG,2.07138300000000,0.22276100000000
C5B2H1S1P3L2M1J2E2A2,MSP,CL5Q,4,12,8,13,340,15,40,MNAVG,1.37442300000000,0.04410549000000
C5B2H1S1P3L2M1J2E2A3,MSP,CL5Q,4,12,8,13,340,15,40,MNHVY,2.38178600000000,0.42052120000000
C5B2H1S1P3L2M2J1E1A1,MSP,CL5Q,4,12,8,13,590,12,10,MEPDG,0.02141064000000,0.00270875400000
C5B2H1S1P3L2M2J1E1A2,MSP,CL5Q,4,12,8,13,590,12,10,MNAVG,0.00783309000000,0.00029257500000
C5B2H1S1P3L2M2J1E1A3,MSP,CL5Q,4,12,8,13,590,12,10,MNHVY,0.01054416000000,0.00353101400000
```

```
C5B2H1S1P3L2M2J1E2A1,MSP,CL5Q,4,12,8,13,590,12,40,MEPDG,0.02141064000000,0.00270875400000
C5B2H1S1P3L2M2J1E2A2,MSP,CL5Q,4,12,8,13,590,12,40,MNAVG,0.00783309000000,0.00029257500000
C5B2H1S1P3L2M2J1E2A3,MSP,CL5Q,4,12,8,13,590,12,40,MNHVY,0.01054416000000,0.00353101400000
C5B2H1S1P3L2M2J2E1A1,MSP,CL5Q,4,12,8,13,590,15,10,MEPDG,0.07810166000000,0.01492623000000
C5B2H1S1P3L2M2J2E1A2,MSP,CL5Q,4,12,8,13,590,15,10,MNAVG,0.03992509000000,0.00267495400000
C5B2H1S1P3L2M2J2E1A3,MSP,CL5Q,4,12,8,13,590,15,10,MNHVY,0.07015423000000,0.02746484000000
C5B2H1S1P3L2M2J2E2A1,MSP,CL5Q,4,12,8,13,590,15,40,MEPDG,0.07810166000000,0.01492623000000
C5B2H1S1P3L2M2J2E2A2,MSP,CL5Q,4,12,8,13,590,15,40,MNAVG,0.03992509000000,0.00267495400000
C5B2H1S1P3L2M2J2E2A3,MSP,CL5Q,4,12,8,13,590,15,40,MNHVY,0.07015423000000,0.02746484000000
C5B2H1S1P3L2M3J1E1A1,MSP,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00080512850000,0.00010323550000
C5B2H1S1P3L2M3J1E1A2,MSP,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00024793930000,0.00000748729200
C5B2H1S1P3L2M3J1E1A3,MSP,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00027397710000,0.00009780204000
C5B2H1S1P3L2M3J1E2A1,MSP,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00080512850000,0.00010323550000
C5B2H1S1P3L2M3J1E2A2,MSP,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00024793930000,0.00000748729200
C5B2H1S1P3L2M3J1E2A3,MSP,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00027397710000,0.00009780204000
C5B2H1S1P3L2M3J2E1A1,MSP,CL5Q,4,12,8,13,840,15,10,MEPDG,0.00556800800000,0.00098496510000
C5B2H1S1P3L2M3J2E1A2,MSP,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00223246500000,0.00014397620000
C5B2H1S1P3L2M3J2E1A3,MSP,CL5Q,4,12,8,13,840,15,10,MNHVY,0.00431016400000,0.00163946000000
C5B2H1S1P3L2M3J2E2A1,MSP,CL5Q,4,12,8,13,840,15,40,MEPDG,0.00556800800000,0.00098496510000
C5B2H1S1P3L2M3J2E2A2,MSP,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00223246500000,0.00014397620000
C5B2H1S1P3L2M3J2E2A3,MSP,CL5Q,4,12,8,13,840,15,40,MNHVY,0.00431016400000,0.00163946000000
C5B2H1S1P4L1M1J1E1A1,MSP,CL5Q,4,12,9,12,340,12,10,MEPDG,2.56298500000000,0.27760250000000
C5B2H1S1P4L1M1J1E1A2,MSP,CL5Q,4,12,9,12,340,12,10,MNAVG,1.20459900000000,0.03959927000000
C5B2H1S1P4L1M1J1E1A3,MSP,CL5Q,4,12,9,12,340,12,10,MNHVY,1.87690100000000,0.45924850000000
C5B2H1S1P4L1M1J1E2A1,MSP,CL5Q,4,12,9,12,340,12,40,MEPDG,1.19059900000000,0.14597220000000
C5B2H1S1P4L1M1J1E2A2,MSP,CL5Q,4,12,9,12,340,12,40,MNAVG,0.55232840000000,0.01933943000000
C5B2H1S1P4L1M1J1E2A3,MSP,CL5Q,4,12,9,12,340,12,40,MNHVY,0.81244550000000,0.22692700000000
C5B2H1S1P4L1M1J2E1A1,MSP,CL5Q,4,12,9,12,340,15,10,MEPDG,5.54709600000000,0.71746490000000
C5B2H1S1P4L1M1J2E1A2,MSP,CL5Q,4,12,9,12,340,15,10,MNAVG,3.22590000000000,0.13731150000000
C5B2H1S1P4L1M1J2E1A3,MSP,CL5Q,4,12,9,12,340,15,10,MNHVY,5.77570700000000,1.38320500000000
C5B2H1S1P4L1M1J2E2A1,MSP,CL5Q,4,12,9,12,340,15,40,MEPDG,2.83327300000000,0.39255250000000
C5B2H1S1P4L1M1J2E2A2,MSP,CL5Q,4,12,9,12,340,15,40,MNAVG,1.67317700000000,0.07389659000000
C5B2H1S1P4L1M1J2E2A3,MSP,CL5Q,4,12,9,12,340,15,40,MNHVY,2.88759200000000,0.74592510000000
C5B2H1S1P4L1M2J1E1A1,MSP,CL5Q,4,12,9,12,590,12,10,MEPDG,0.04233155000000,0.00575184300000
C5B2H1S1P4L1M2J1E1A2,MSP,CL5Q,4,12,9,12,590,12,10,MNAVG,0.01175996000000,0.00066044650000
C5B2H1S1P4L1M2J1E1A3,MSP,CL5Q,4,12,9,12,590,12,10,MNHVY,0.01467555000000,0.00822332100000
C5B2H1S1P4L1M2J1E2A1,MSP,CL5Q,4,12,9,12,590,12,40,MEPDG,0.01443113000000,0.00278072300000
C5B2H1S1P4L1M2J1E2A2,MSP,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00430443200000,0.00028462950000
C5B2H1S1P4L1M2J1E2A3,MSP,CL5Q,4,12,9,12,590,12,40,MNHVY,0.00479845800000,0.00361194000000
C5B2H1S1P4L1M2J2E1A1,MSP,CL5Q,4,12,9,12,590,15,10,MEPDG,0.17271740000000,0.03662274000000
C5B2H1S1P4L1M2J2E1A2,MSP,CL5Q,4,12,9,12,590,15,10,MNAVG,0.06469359000000,0.00632098600000
C5B2H1S1P4L1M2J2E1A3,MSP,CL5Q,4,12,9,12,590,15,10,MNHVY,0.11988020000000,0.06920934000000
C5B2H1S1P4L1M2J2E2A1,MSP,CL5Q,4,12,9,12,590,15,40,MEPDG,0.06964473000000,0.01759171000000
C5B2H1S1P4L1M2J2E2A2,MSP,CL5Q,4,12,9,12,590,15,40,MNAVG,0.02795668000000,0.00292974300000
C5B2H1S1P4L1M2J2E2A3,MSP,CL5Q,4,12,9,12,590,15,40,MNHVY,0.04766673000000,0.03225718000000
C5B2H1S1P4L1M3J1E1A1,MSP,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00132922500000,0.00016044710000
C5B2H1S1P4L1M3J1E1A2,MSP,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00033040960000,0.00001266131000
C5B2H1S1P4L1M3J1E1A3,MSP,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00030228190000,0.00016785310000
C5B2H1S1P4L1M3J1E2A1,MSP,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00034794790000,0.00007722013000
C5B2H1S1P4L1M3J1E2A2,MSP,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00010160810000,0.00000520239700
```

```
C5B2H1S1P4L1M3J1E2A3,MSP,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00008381872000,0.00007001984000
C5B2H1S1P4L1M3J2E1A1,MSP,CL5Q,4,12,9,12,840,15,10,MEPDG,0.00871195200000,0.00204318700000
C5B2H1S1P4L1M3J2E1A2,MSP,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00229769600000,0.00029112230000
C5B2H1S1P4L1M3J2E1A3,MSP,CL5Q,4,12,9,12,840,15,10,MNHVY,0.00391319200000,0.00348551200000
C5B2H1S1P4L1M3J2E2A1,MSP,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00278402300000,0.00090512850000
C5B2H1S1P4L1M3J2E2A2,MSP,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00082332270000,0.00012103050000
C5B2H1S1P4L1M3J2E2A3,MSP,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00123232200000,0.00146605100000
C5B2H1S1P4L2M1J1E1A1,MSP,CL5Q,4,12,9,13,340,12,10,MEPDG,0.27053110000000,0.05712204000000
C5B2H1S1P4L2M1J1E1A2,MSP,CL5Q,4,12,9,13,340,12,10,MNAVG,0.12179900000000,0.00790572700000
C5B2H1S1P4L2M1J1E1A3,MSP,CL5Q,4,12,9,13,340,12,10,MNHVY,0.17786340000000,0.09106108000000
C5B2H1S1P4L2M1J1E2A1,MSP,CL5Q,4,12,9,13,340,12,40,MEPDG,0.27053110000000,0.05712204000000
C5B2H1S1P4L2M1J1E2A2,MSP,CL5Q,4,12,9,13,340,12,40,MNAVG,0.12179900000000,0.00790572700000
C5B2H1S1P4L2M1J1E2A3,MSP,CL5Q,4,12,9,13,340,12,40,MNHVY,0.17786340000000,0.09106108000000
C5B2H1S1P4L2M1J2E1A1,MSP,CL5Q,4,12,9,13,340,15,10,MEPDG,0.69679400000000,0.18654560000000
C5B2H1S1P4L2M1J2E1A2,MSP,CL5Q,4,12,9,13,340,15,10,MNAVG,0.40944990000000,0.03662954000000
C5B2H1S1P4L2M1J2E1A3,MSP,CL5Q,4,12,9,13,340,15,10,MNHVY,0.70642780000000,0.36023400000000
C5B2H1S1P4L2M1J2E2A1,MSP,CL5Q,4,12,9,13,340,15,40,MEPDG,0.69679400000000,0.18654560000000
C5B2H1S1P4L2M1J2E2A2,MSP,CL5Q,4,12,9,13,340,15,40,MNAVG,0.40944990000000,0.03662954000000
C5B2H1S1P4L2M1J2E2A3,MSP,CL5Q,4,12,9,13,340,15,40,MNHVY,0.70642780000000,0.36023400000000
C5B2H1S1P4L2M2J1E1A1,MSP,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00285785000000,0.00099064510000
C5B2H1S1P4L2M2J1E1A2,MSP,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00086092910000,0.00010412280000
C5B2H1S1P4L2M2J1E1A3,MSP,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00093252720000,0.00130605700000
C5B2H1S1P4L2M2J1E2A1,MSP,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00285785000000,0.00099064510000
C5B2H1S1P4L2M2J1E2A2,MSP,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00086092910000,0.00010412280000
C5B2H1S1P4L2M2J1E2A3,MSP,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00093252720000,0.00130605700000
C5B2H1S1P4L2M2J2E1A1,MSP,CL5Q,4,12,9,13,590,15,10,MEPDG,0.01551678000000,0.00772912000000
C5B2H1S1P4L2M2J2E1A2,MSP,CL5Q,4,12,9,13,590,15,10,MNAVG,0.00630626100000,0.00132914200000
C5B2H1S1P4L2M2J2E1A3,MSP,CL5Q,4,12,9,13,590,15,10,MNHVY,0.01069529000000,0.01439862000000
C5B2H1S1P4L2M2J2E2A1,MSP,CL5Q,4,12,9,13,590,15,40,MEPDG,0.01551678000000,0.00772912000000
C5B2H1S1P4L2M2J2E2A2,MSP,CL5Q,4,12,9,13,590,15,40,MNAVG,0.00630626100000,0.00132914200000
C5B2H1S1P4L2M2J2E2A3,MSP,CL5Q,4,12,9,13,590,15,40,MNHVY,0.01069529000000,0.01439862000000
C5B2H1S1P4L2M3J1E1A1,MSP,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00006122802000,0.00002571917000
C5B2H1S1P4L2M3J1E1A2,MSP,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00001855819000,0.00000174455000
C5B2H1S1P4L2M3J1E1A3,MSP,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00001483166000,0.00002334770000
C5B2H1S1P4L2M3J1E2A1,MSP,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00006122802000,0.00002571917000
C5B2H1S1P4L2M3J1E2A2,MSP,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00001855819000,0.00000174455000
C5B2H1S1P4L2M3J1E2A3,MSP,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00001483166000,0.00002334770000
C5B2H1S1P4L2M3J2E1A1,MSP,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00055492690000,0.00036274730000
C5B2H1S1P4L2M3J2E1A2,MSP,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00016743700000,0.00004970282000
C5B2H1S1P4L2M3J2E1A3,MSP,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00024541730000,0.00059499290000
C5B2H1S1P4L2M3J2E2A1,MSP,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00055492690000,0.00036274730000
C5B2H1S1P4L2M3J2E2A2,MSP,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00016743700000,0.00004970282000
C5B2H1S1P4L2M3J2E2A3,MSP,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00024541730000,0.00059499290000
C5B2H1S1P5L1M1J1E1A1,MSP,CL5Q,4,12,10,12,340,12,10,MEPDG,0.69216790000000,0.14663680000000
C5B2H1S1P5L1M1J1E1A2,MSP,CL5Q,4,12,10,12,340,12,10,MNAVG,0.24949520000000,0.01987435000000
C5B2H1S1P5L1M1J1E1A3,MSP,CL5Q,4,12,10,12,340,12,10,MNHVY,0.36818640000000,0.24280110000000
C5B2H1S1P5L1M1J1E2A1,MSP,CL5Q,4,12,10,12,340,12,40,MEPDG,0.28743690000000,0.07738987000000
C5B2H1S1P5L1M1J1E2A2,MSP,CL5Q,4,12,10,12,340,12,40,MNAVG,0.10507410000000,0.00982783900000
C5B2H1S1P5L1M1J1E2A3,MSP,CL5Q,4,12,10,12,340,12,40,MNHVY,0.14197710000000,0.12110950000000
C5B2H1S1P5L1M1J2E1A1,MSP,CL5Q,4,12,10,12,340,15,10,MEPDG,1.89153300000000,0.48966370000000
```

```
C5B2H1S1P5L1M1J2E1A2,MSP,CL5Q,4,12,10,12,340,15,10,MNAVG,0.90226190000000,0.08947446000000
C5B2H1S1P5L1M1J2E1A3,MSP,CL5Q,4,12,10,12,340,15,10,MNHVY,1.64198200000000,0.95469990000000
C5B2H1S1P5L1M1J2E2A1,MSP,CL5Q,4,12,10,12,340,15,40,MEPDG,0.88026950000000,0.26863100000000
C5B2H1S1P5L1M1J2E2A2,MSP,CL5Q,4,12,10,12,340,15,40,MNAVG,0.43603480000000,0.04842427000000
C5B2H1S1P5L1M1J2E2A3,MSP,CL5Q,4,12,10,12,340,15,40,MNHVY,0.74428070000000,0.51531640000000
C5B2H1S1P5L1M2J1E1A1,MSP,CL5Q,4,12,10,12,590,12,10,MEPDG,0.00662864400000,0.00178433200000
C5B2H1S1P5L1M2J1E1A2,MSP,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00158508800000,0.00017752230000
C5B2H1S1P5L1M2J1E1A3,MSP,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00167572900000,0.00234632900000
C5B2H1S1P5L1M2J1E2A1,MSP,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00187847000000,0.00090705960000
C5B2H1S1P5L1M2J1E2A2,MSP,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00051705770000,0.00008269009000
C5B2H1S1P5L1M2J1E2A3,MSP,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00047237010000,0.00109929000000
C5B2H1S1P5L1M2J2E1A1,MSP,CL5Q,4,12,10,12,590,15,10,MEPDG,0.03393487000000,0.01612956000000
C5B2H1S1P5L1M2J2E1A2,MSP,CL5Q,4,12,10,12,590,15,10,MNAVG,0.00952560800000,0.00251671000000
C5B2H1S1P5L1M2J2E1A3,MSP,CL5Q,4,12,10,12,590,15,10,MNHVY,0.01621580000000,0.02968241000000
C5B2H1S1P5L1M2J2E2A1,MSP,CL5Q,4,12,10,12,590,15,40,MEPDG,0.01179220000000,0.00797473400000
C5B2H1S1P5L1M2J2E2A2,MSP,CL5Q,4,12,10,12,590,15,40,MNAVG,0.00366821900000,0.00120881900000
C5B2H1S1P5L1M2J2E2A3,MSP,CL5Q,4,12,10,12,590,15,40,MNHVY,0.00554570000000,0.01428302000000
C5B2H1S1P5L1M3J1E1A1,MSP,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00014909870000,0.00003620858000
C5B2H1S1P5L1M3J1E1A2,MSP,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00003474939000,0.00000237090200
C5B2H1S1P5L1M3J1E1A3,MSP,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00002773233000,0.00003320289000
C5B2H1S1P5L1M3J1E2A1,MSP,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00003055627000,0.00001883999000
C5B2H1S1P5L1M3J1E2A2,MSP,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00000900765300,0.00000110127400
C5B2H1S1P5L1M3J1E2A3,MSP,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00000613996700,0.00001536828000
C5B2H1S1P5L1M3J2E1A1,MSP,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00113728700000,0.00065286030000
C5B2H1S1P5L1M3J2E1A2,MSP,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00024218900000,0.00008155790000
C5B2H1S1P5L1M3J2E1A3,MSP,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00035404270000,0.00104060100000
C5B2H1S1P5L1M3J2E2A1,MSP,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00031122510000,0.00030326800000
C5B2H1S1P5L1M3J2E2A2,MSP,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00007831748000,0.00003601711000
C5B2H1S1P5L1M3J2E2A3,MSP,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00010106240000,0.00046178590000
C5B2H1S1P5L2M1J1E1A1,MSP,CL5Q,4,12,10,13,340,12,10,MEPDG,0.06219843000000,0.03076047000000
C5B2H1S1P5L2M1J1E1A2,MSP,CL5Q,4,12,10,13,340,12,10,MNAVG,0.02233472000000,0.00404843600000
C5B2H1S1P5L2M1J1E1A3,MSP,CL5Q,4,12,10,13,340,12,10,MNHVY,0.02957899000000,0.04909869000000
C5B2H1S1P5L2M1J1E2A1,MSP,CL5Q,4,12,10,13,340,12,40,MEPDG,0.06219843000000,0.03076047000000
C5B2H1S1P5L2M1J1E2A2,MSP,CL5Q,4,12,10,13,340,12,40,MNAVG,0.02233472000000,0.00404843600000
C5B2H1S1P5L2M1J1E2A3,MSP,CL5Q,4,12,10,13,340,12,40,MNHVY,0.02957899000000,0.04909869000000
C5B2H1S1P5L2M1J2E1A1,MSP,CL5Q,4,12,10,13,340,15,10,MEPDG,0.20823810000000,0.12988060000000
C5B2H1S1P5L2M1J2E1A2,MSP,CL5Q,4,12,10,13,340,15,10,MNAVG,0.10318420000000,0.02432153000000
C5B2H1S1P5L2M1J2E1A3,MSP,CL5Q,4,12,10,13,340,15,10,MNHVY,0.17477490000000,0.25305640000000
C5B2H1S1P5L2M1J2E2A1,MSP,CL5Q,4,12,10,13,340,15,40,MEPDG,0.20823810000000,0.12988060000000
C5B2H1S1P5L2M1J2E2A2,MSP,CL5Q,4,12,10,13,340,15,40,MNAVG,0.10318420000000,0.02432153000000
C5B2H1S1P5L2M1J2E2A3,MSP,CL5Q,4,12,10,13,340,15,40,MNHVY,0.17477490000000,0.25305640000000
C5B2H1S1P5L2M2J1E1A1,MSP,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00034566130000,0.00033078600000
C5B2H1S1P5L2M2J1E1A2,MSP,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00009851441000,0.00003080709000
C5B2H1S1P5L2M2J1E1A3,MSP,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00008675434000,0.00040649290000
C5B2H1S1P5L2M2J1E2A1,MSP,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00034566130000,0.00033078600000
C5B2H1S1P5L2M2J1E2A2,MSP,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00009851441000,0.00003080709000
C5B2H1S1P5L2M2J1E2A3,MSP,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00008675434000,0.00040649290000
C5B2H1S1P5L2M2J2E1A1,MSP,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00240410600000,0.00354646300000
C5B2H1S1P5L2M2J2E1A2,MSP,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00075901840000,0.00055504240000
C5B2H1S1P5L2M2J2E1A3,MSP,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00111164100000,0.00644964400000
```

```
C5B2H1S1P5L2M2J2E2A1,MSP,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00240410600000,0.00354646300000
C5B2H1S1P5L2M2J2E2A2,MSP,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00075901840000,0.00055504240000
C5B2H1S1P5L2M2J2E2A3,MSP,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00111164100000,0.00644964400000
C5B2H1S1P5L2M3J1E1A1,MSP,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00000545486700,0.00000652559400
C5B2H1S1P5L2M3J1E1A2,MSP,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000163692800,0.00000038516480
C5B2H1S1P5L2M3J1E1A3,MSP,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000116553200,0.00000535932800
C5B2H1S1P5L2M3J1E2A1,MSP,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00000545486700,0.00000652559400
C5B2H1S1P5L2M3J1E2A2,MSP,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000163692800,0.00000038516480
C5B2H1S1P5L2M3J1E2A3,MSP,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000116553200,0.00000535932800
C5B2H1S1P5L2M3J2E1A1,MSP,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00005816119000,0.00012640850000
C5B2H1S1P5L2M3J2E1A2,MSP,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00001514379000,0.00001552196000
C5B2H1S1P5L2M3J2E1A3,MSP,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00001925292000,0.00019639750000
C5B2H1S1P5L2M3J2E2A1,MSP,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00005816119000,0.00012640850000
C5B2H1S1P5L2M3J2E2A2,MSP,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00001514379000,0.00001552196000
C5B2H1S1P5L2M3J2E2A3,MSP,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00001925292000,0.00019639750000
C5B2H1S1P6L1M1J1E1A1,MSP,CL5Q,4,12,11,12,340,12,10,MEPDG,0.17494670000000,0.07025710000000
C5B2H1S1P6L1M1J1E1A2,MSP,CL5Q,4,12,11,12,340,12,10,MNAVG,0.04935157000000,0.00857510700000
C5B2H1S1P6L1M1J1E1A3,MSP,CL5Q,4,12,11,12,340,12,10,MNHVY,0.06704947000000,0.11118960000000
C5B2H1S1P6L1M1J1E2A1,MSP,CL5Q,4,12,11,12,340,12,40,MEPDG,0.06458898000000,0.03784323000000
C5B2H1S1P6L1M1J1E2A2,MSP,CL5Q,4,12,11,12,340,12,40,MNAVG,0.01927793000000,0.00438900500000
C5B2H1S1P6L1M1J1E2A3,MSP,CL5Q,4,12,11,12,340,12,40,MNHVY,0.02341499000000,0.05704790000000
C5B2H1S1P6L1M1J2E1A1,MSP,CL5Q,4,12,11,12,340,15,10,MEPDG,0.58825900000000,0.30207810000000
C5B2H1S1P6L1M1J2E1A2,MSP,CL5Q,4,12,11,12,340,15,10,MNAVG,0.22326490000000,0.05089304000000
C5B2H1S1P6L1M1J2E1A3,MSP,CL5Q,4,12,11,12,340,15,10,MNHVY,0.40274320000000,0.58310900000000
C5B2H1S1P6L1M1J2E2A1,MSP,CL5Q,4,12,11,12,340,15,40,MEPDG,0.24785840000000,0.16787490000000
C5B2H1S1P6L1M1J2E2A2,MSP,CL5Q,4,12,11,12,340,15,40,MNAVG,0.10005780000000,0.02811943000000
C5B2H1S1P6L1M1J2E2A3,MSP,CL5Q,4,12,11,12,340,15,40,MNHVY,0.16500990000000,0.31946490000000
C5B2H1S1P6L1M2J1E1A1,MSP,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00100576200000,0.00055581840000
C5B2H1S1P6L1M2J1E1A2,MSP,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00022388090000,0.00004561654000
C5B2H1S1P6L1M2J1E1A3,MSP,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00019592140000,0.00064624690000
C5B2H1S1P6L1M2J1E2A1,MSP,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00025008820000,0.00029727810000
C5B2H1S1P6L1M2J1E2A2,MSP,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00006810333000,0.00002303830000
C5B2H1S1P6L1M2J1E2A3,MSP,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00005330209000,0.00032384010000
C5B2H1S1P6L1M2J2E1A1,MSP,CL5Q,4,12,11,12,590,15,10,MEPDG,0.00594943400000,0.00662664800000
C5B2H1S1P6L1M2J2E1A2,MSP,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00133503700000,0.00090095060000
C5B2H1S1P6L1M2J2E1A3,MSP,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00192911800000,0.01146282000000
C5B2H1S1P6L1M2J2E2A1,MSP,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00179001300000,0.00340001500000
C5B2H1S1P6L1M2J2E2A2,MSP,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00046666550000,0.00045534800000
C5B2H1S1P6L1M2J2E2A3,MSP,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00059079700000,0.00576217000000
C5B2H1S1P6L1M3J1E1A1,MSP,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00001573711000,0.00000921399100
C5B2H1S1P6L1M3J1E1A2,MSP,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000341578500,0.00000051055130
C5B2H1S1P6L1M3J1E1A3,MSP,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000227682700,0.00000753066000
C5B2H1S1P6L1M3J1E2A1,MSP,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000285294500,0.00000526691300
C5B2H1S1P6L1M3J1E2A2,MSP,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000080956930,0.00000026855710
C5B2H1S1P6L1M3J1E2A3,MSP,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000049121860,0.00000391737100
C5B2H1S1P6L1M3J2E1A1,MSP,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00011948880000,0.00021114340000
C5B2H1S1P6L1M3J2E1A2,MSP,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00002228674000,0.00002227552000
C5B2H1S1P6L1M3J2E1A3,MSP,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00002519592000,0.00030495240000
C5B2H1S1P6L1M3J2E2A1,MSP,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00002585928000,0.00010471770000
C5B2H1S1P6L1M3J2E2A2,MSP,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00000606739200,0.00001079416000
```

```
C5B2H1S1P6L1M3J2E2A3,MSP,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00000566533700,0.00014649620000
C5B2H1S1P6L2M1J1E1A1,MSP,CL5Q,4,12,11,13,340,12,10,MEPDG,0.01326819000000,0.01524664000000
C5B2H1S1P6L2M1J1E1A2,MSP,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00396846000000,0.00181507000000
C5B2H1S1P6L2M1J1E1A3,MSP,CL5Q,4,12,11,13,340,12,10,MNHVY,0.00466768300000,0.02336618000000
C5B2H1S1P6L2M1J1E2A1,MSP,CL5Q,4,12,11,13,340,12,40,MEPDG,0.01326819000000,0.01524664000000
C5B2H1S1P6L2M1J1E2A2,MSP,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00396846000000,0.00181507000000
C5B2H1S1P6L2M1J1E2A3,MSP,CL5Q,4,12,11,13,340,12,40,MNHVY,0.00466768300000,0.02336618000000
C5B2H1S1P6L2M1J2E1A1,MSP,CL5Q,4,12,11,13,340,15,10,MEPDG,0.05589306000000,0.08199273000000
C5B2H1S1P6L2M1J2E1A2,MSP,CL5Q,4,12,11,13,340,15,10,MNAVG,0.02270610000000,0.01422690000000
C5B2H1S1P6L2M1J2E1A3,MSP,CL5Q,4,12,11,13,340,15,10,MNHVY,0.03683768000000,0.15837710000000
C5B2H1S1P6L2M1J2E2A1,MSP,CL5Q,4,12,11,13,340,15,40,MEPDG,0.05589306000000,0.08199273000000
C5B2H1S1P6L2M1J2E2A2,MSP,CL5Q,4,12,11,13,340,15,40,MNAVG,0.02270610000000,0.01422690000000
C5B2H1S1P6L2M1J2E2A3,MSP,CL5Q,4,12,11,13,340,15,40,MNHVY,0.03683768000000,0.15837710000000
C5B2H1S1P6L2M2J1E1A1,MSP,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00004311372000,0.00011138910000
C5B2H1S1P6L2M2J1E1A2,MSP,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00001235793000,0.00000880028800
C5B2H1S1P6L2M2J1E1A3,MSP,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00000932586000,0.00012323710000
C5B2H1S1P6L2M2J1E2A1,MSP,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00004311372000,0.00011138910000
C5B2H1S1P6L2M2J1E2A2,MSP,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00001235793000,0.00000880028800
C5B2H1S1P6L2M2J1E2A3,MSP,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00000932586000,0.00012323710000
C5B2H1S1P6L2M2J2E1A1,MSP,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00034501980000,0.00152936600000
C5B2H1S1P6L2M2J2E1A2,MSP,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00009302912000,0.00021095470000
C5B2H1S1P6L2M2J2E1A3,MSP,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00011444210000,0.00263553600000
C5B2H1S1P6L2M2J2E2A1,MSP,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00034501980000,0.00152936600000
C5B2H1S1P6L2M2J2E2A2,MSP,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00009302912000,0.00021095470000
C5B2H1S1P6L2M2J2E2A3,MSP,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00011444210000,0.00263553600000
C5B2H1S1P6L2M3J1E1A1,MSP,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000043549820,0.00000190372600
C5B2H1S1P6L2M3J1E1A2,MSP,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000013163990,0.00000009791341
C5B2H1S1P6L2M3J1E1A3,MSP,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000007776462,0.00000142630600
C5B2H1S1P6L2M3J1E2A1,MSP,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000043549820,0.00000190372600
C5B2H1S1P6L2M3J1E2A2,MSP,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000013163990,0.00000009791341
C5B2H1S1P6L2M3J1E2A3,MSP,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000007776462,0.00000142630600
C5B2H1S1P6L2M3J2E1A1,MSP,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00000440870900,0.00004441130000
C5B2H1S1P6L2M3J2E1A2,MSP,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000108853700,0.00000470483100
C5B2H1S1P6L2M3J2E1A3,MSP,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000098922920,0.00006334169000
C5B2H1S1P6L2M3J2E2A1,MSP,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00000440870900,0.00004441130000
C5B2H1S1P6L2M3J2E2A2,MSP,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000108853700,0.00000470483100
C5B2H1S1P6L2M3J2E2A3,MSP,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000098922920,0.00006334169000
C5B2H1S1P7L1M1J1E1A1,MSP,CL5Q,4,12,12,12,340,12,10,MEPDG,0.04194153000000,0.03153048000000
C5B2H1S1P7L1M1J1E1A2,MSP,CL5Q,4,12,12,12,340,12,10,MNAVG,0.00981885300000,0.00332817600000
C5B2H1S1P7L1M1J1E1A3,MSP,CL5Q,4,12,12,12,340,12,10,MNHVY,0.01200864000000,0.04573448000000
C5B2H1S1P7L1M1J1E2A1,MSP,CL5Q,4,12,12,12,340,12,40,MEPDG,0.01375431000000,0.01753021000000
C5B2H1S1P7L1M1J1E2A2,MSP,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00361031800000,0.00179174900000
C5B2H1S1P7L1M1J1E2A3,MSP,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00388549000000,0.02443461000000
C5B2H1S1P7L1M1J2E1A1,MSP,CL5Q,4,12,12,12,340,15,10,MEPDG,0.16658220000000,0.17114790000000
C5B2H1S1P7L1M1J2E1A2,MSP,CL5Q,4,12,12,12,340,15,10,MNAVG,0.04909948000000,0.02616769000000
C5B2H1S1P7L1M1J2E1A3,MSP,CL5Q,4,12,12,12,340,15,10,MNHVY,0.08402361000000,0.31846440000000
C5B2H1S1P7L1M1J2E2A1,MSP,CL5Q,4,12,12,12,340,15,40,MEPDG,0.06270280000000,0.09639200000000
C5B2H1S1P7L1M1J2E2A2,MSP,CL5Q,4,12,12,12,340,15,40,MNAVG,0.02022933000000,0.01471875000000
C5B2H1S1P7L1M1J2E2A3,MSP,CL5Q,4,12,12,12,340,15,40,MNHVY,0.03078832000000,0.17738410000000
C5B2H1S1P7L1M2J1E1A1,MSP,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00016486550000,0.00018086580000
```

```
C5B2H1S1P7L1M2J1E1A2,MSP,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00003410926000,0.00001256287000
C5B2H1S1P7L1M2J1E1A3,MSP,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00002630664000,0.00018539240000
C5B2H1S1P7L1M2J1E2A1,MSP,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00003543921000,0.00010353660000
C5B2H1S1P7L1M2J1E2A2,MSP,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00000941621600,0.00000692450000
C5B2H1S1P7L1M2J1E2A3,MSP,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00000650763000,0.00010110710000
C5B2H1S1P7L1M2J2E1A1,MSP,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00093194290000,0.00267396700000
C5B2H1S1P7L1M2J2E1A2,MSP,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00018009050000,0.00031419750000
C5B2H1S1P7L1M2J2E1A3,MSP,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00020951270000,0.00425151300000
C5B2H1S1P7L1M2J2E2A1,MSP,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00024144300000,0.00142318100000
C5B2H1S1P7L1M2J2E2A2,MSP,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00005716371000,0.00016702080000
C5B2H1S1P7L1M2J2E2A3,MSP,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00005849450000,0.00223254600000
C5B2H1S1P7L1M3J1E1A1,MSP,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000198648600,0.00000271189400
C5B2H1S1P7L1M3J1E1A2,MSP,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000038059720,0.00000013345160
C5B2H1S1P7L1M3J1E1A3,MSP,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000022454980,0.00000200170900
C5B2H1S1P7L1M3J1E2A1,MSP,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000029503160,0.00000168612100
C5B2H1S1P7L1M3J1E2A2,MSP,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000007947563,0.00000007732135
C5B2H1S1P7L1M3J1E2A3,MSP,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000004215310,0.00000115071300
C5B2H1S1P7L1M3J2E1A1,MSP,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00001088878000,0.00006959905000
C5B2H1S1P7L1M3J2E1A2,MSP,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000187216100,0.00000621773700
C5B2H1S1P7L1M3J2E1A3,MSP,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000146563100,0.00008959487000
C5B2H1S1P7L1M3J2E2A1,MSP,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000207743300,0.00003689805000
C5B2H1S1P7L1M3J2E2A2,MSP,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000047262880,0.00000324637000
C5B2H1S1P7L1M3J2E2A3,MSP,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000033477820,0.00004623402000
C5B2H1S1P7L2M1J1E1A1,MSP,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00268213000000,0.00719955100000
C5B2H1S1P7L2M1J1E1A2,MSP,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00072238120000,0.00075048510000
C5B2H1S1P7L2M1J1E1A3,MSP,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00074628080000,0.01018590000000
C5B2H1S1P7L2M1J1E2A1,MSP,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00268213000000,0.00719955100000
C5B2H1S1P7L2M1J1E2A2,MSP,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00072238120000,0.00075048510000
C5B2H1S1P7L2M1J1E2A3,MSP,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00074628080000,0.01018590000000
C5B2H1S1P7L2M1J2E1A1,MSP,CL5Q,4,12,12,13,340,15,10,MEPDG,0.01338415000000,0.04740070000000
C5B2H1S1P7L2M1J2E1A2,MSP,CL5Q,4,12,12,13,340,15,10,MNAVG,0.00438483400000,0.00747418800000
C5B2H1S1P7L2M1J2E1A3,MSP,CL5Q,4,12,12,13,340,15,10,MNHVY,0.00649536200000,0.08858963000000
C5B2H1S1P7L2M1J2E2A1,MSP,CL5Q,4,12,12,13,340,15,40,MEPDG,0.01338415000000,0.04740070000000
C5B2H1S1P7L2M1J2E2A2,MSP,CL5Q,4,12,12,13,340,15,40,MNAVG,0.00438483400000,0.00747418800000
C5B2H1S1P7L2M1J2E2A3,MSP,CL5Q,4,12,12,13,340,15,40,MNHVY,0.00649536200000,0.08858963000000
C5B2H1S1P7L2M2J1E1A1,MSP,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00000574880600,0.00004009277000
C5B2H1S1P7L2M2J1E1A2,MSP,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000162995000,0.00000273013600
C5B2H1S1P7L2M2J1E1A3,MSP,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000108708400,0.00003979733000
C5B2H1S1P7L2M2J1E2A1,MSP,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00000574880600,0.00004009277000
C5B2H1S1P7L2M2J1E2A2,MSP,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000162995000,0.00000273013600
C5B2H1S1P7L2M2J1E2A3,MSP,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000108708400,0.00003979733000
C5B2H1S1P7L2M2J2E1A1,MSP,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00004341472000,0.00065361320000
C5B2H1S1P7L2M2J2E1A2,MSP,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00001079918000,0.00007896803000
C5B2H1S1P7L2M2J2E1A3,MSP,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00001072387000,0.00104606500000
C5B2H1S1P7L2M2J2E2A1,MSP,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00004341472000,0.00065361320000
C5B2H1S1P7L2M2J2E2A2,MSP,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00001079918000,0.00007896803000
C5B2H1S1P7L2M2J2E2A3,MSP,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00001072387000,0.00104606500000
C5B2H1S1P7L2M3J1E1A1,MSP,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000004183034,0.00000065518960
C5B2H1S1P7L2M3J1E1A2,MSP,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000001225727,0.00000003044495
C5B2H1S1P7L2M3J1E1A3,MSP,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000000632353,0.00000045287990
```

```
C5B2H1S1P7L2M3J1E2A1,MSP,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000004183034,0.00000065518960
C5B2H1S1P7L2M3J1E2A2,MSP,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000001225727,0.00000003044495
C5B2H1S1P7L2M3J1E2A3,MSP,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000000632353,0.00000045287990
C5B2H1S1P7L2M3J2E1A1,MSP,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000032637870,0.00001611322000
C5B2H1S1P7L2M3J2E1A2,MSP,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000007959513,0.00000145668100
C5B2H1S1P7L2M3J2E1A3,MSP,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000005495518,0.00002063559000
C5B2H1S1P7L2M3J2E2A1,MSP,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000032637870,0.00001611322000
C5B2H1S1P7L2M3J2E2A2,MSP,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000007959513,0.00000145668100
C5B2H1S1P7L2M3J2E2A3,MSP,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000005495518,0.00002063559000
C5B2H2S2P1L1M1J1E1A1,MSP,CL5Q,12,4,6,12,340,12,10,MEPDG,20.4610500000000,0.00000000000252
C5B2H2S2P1L1M1J1E1A2,MSP,CL5Q,12,4,6,12,340,12,10,MNAVG,14.4543200000000,0.00000000000011
C5B2H2S2P1L1M1J1E1A3,MSP,CL5Q,12,4,6,12,340,12,10,MNHVY,23.6378500000000,0.00000000000149
C5B2H2S2P1L1M1J1E2A1,MSP,CL5Q,12,4,6,12,340,12,40,MEPDG,11.6177700000000,0.00000000000088
C5B2H2S2P1L1M1J1E2A2,MSP,CL5Q,12,4,6,12,340,12,40,MNAVG,7.77728100000000,0.00000000000004
C5B2H2S2P1L1M1J1E2A3,MSP,CL5Q,12,4,6,12,340,12,40,MNHVY,12.9414100000000,0.00000000000061
C5B2H2S2P1L1M1J2E1A1,MSP,CL5Q,12,4,6,12,340,15,10,MEPDG,24.8486900000000,0.00000000000361
C5B2H2S2P1L1M1J2E1A2,MSP,CL5Q,12,4,6,12,340,15,10,MNAVG,18.4034400000000,0.00000000000032
C5B2H2S2P1L1M1J2E1A3,MSP,CL5Q,12,4,6,12,340,15,10,MNHVY,30.9093300000000,0.00000000000415
C5B2H2S2P1L1M1J2E2A1,MSP,CL5Q,12,4,6,12,340,15,40,MEPDG,14.4998800000000,0.00000000000156
C5B2H2S2P1L1M1J2E2A2,MSP,CL5Q,12,4,6,12,340,15,40,MNAVG,10.2744100000000,0.00000000000016
C5B2H2S2P1L1M1J2E2A3,MSP,CL5Q,12,4,6,12,340,15,40,MNHVY,17.6096800000000,0.00000000000200
C5B2H2S2P1L1M2J1E1A1,MSP,CL5Q,12,4,6,12,590,12,10,MEPDG,2.11932500000000,0.00000000004472
C5B2H2S2P1L1M2J1E1A2,MSP,CL5Q,12,4,6,12,590,12,10,MNAVG,1.24755600000000,0.00000000000280
C5B2H2S2P1L1M2J1E1A3,MSP,CL5Q,12,4,6,12,590,12,10,MNHVY,1.98289700000000,0.00000000004177
C5B2H2S2P1L1M2J1E2A1,MSP,CL5Q,12,4,6,12,590,12,40,MEPDG,1.07652700000000,0.00000000002687
C5B2H2S2P1L1M2J1E2A2,MSP,CL5Q,12,4,6,12,590,12,40,MNAVG,0.61463830000000,0.00000000000179
C5B2H2S2P1L1M2J1E2A3,MSP,CL5Q,12,4,6,12,590,12,40,MNHVY,0.97666660000000,0.00000000002652
C5B2H2S2P1L1M2J2E1A1,MSP,CL5Q,12,4,6,12,590,15,10,MEPDG,3.39332700000000,0.00000000019685
C5B2H2S2P1L1M2J2E1A2,MSP,CL5Q,12,4,6,12,590,15,10,MNAVG,2.28740900000000,0.00000000002020
C5B2H2S2P1L1M2J2E1A3,MSP,CL5Q,12,4,6,12,590,15,10,MNHVY,3.89945700000000,0.00000000028209
C5B2H2S2P1L1M2J2E2A1,MSP,CL5Q,12,4,6,12,590,15,40,MEPDG,1.85351300000000,0.00000000006848
C5B2H2S2P1L1M2J2E2A2,MSP,CL5Q,12,4,6,12,590,15,40,MNAVG,1.23765200000000,0.00000000000745
C5B2H2S2P1L1M2J2E2A3,MSP,CL5Q,12,4,6,12,590,15,40,MNHVY,2.12629800000000,0.00000000010151
C5B2H2S2P1L1M3J1E1A1,MSP,CL5Q,12,4,6,12,840,12,10,MEPDG,0.29449920000000,0.00000000015335
C5B2H2S2P1L1M3J1E1A2,MSP,CL5Q,12,4,6,12,840,12,10,MNAVG,0.13665870000000,0.00000000001364
C5B2H2S2P1L1M3J1E1A3,MSP,CL5Q,12,4,6,12,840,12,10,MNHVY,0.20788680000000,0.00000000020511
C5B2H2S2P1L1M3J1E2A1,MSP,CL5Q,12,4,6,12,840,12,40,MEPDG,0.13105240000000,0.00000000004496
C5B2H2S2P1L1M3J1E2A2,MSP,CL5Q,12,4,6,12,840,12,40,MNAVG,0.06014196000000,0.00000000000373
C5B2H2S2P1L1M3J1E2A3,MSP,CL5Q,12,4,6,12,840,12,40,MNHVY,0.08878586000000,0.00000000005528
C5B2H2S2P1L1M3J2E1A1,MSP,CL5Q,12,4,6,12,840,15,10,MEPDG,0.63114290000000,0.00000000000000
C5B2H2S2P1L1M3J2E1A2,MSP,CL5Q,12,4,6,12,840,15,10,MNAVG,0.37124720000000,0.00000000000000
C5B2H2S2P1L1M3J2E1A3,MSP,CL5Q,12,4,6,12,840,15,10,MNHVY,0.65532940000000,0.00000000000000
C5B2H2S2P1L1M3J2E2A1,MSP,CL5Q,12,4,6,12,840,15,40,MEPDG,0.31477570000000,0.00000000000000
C5B2H2S2P1L1M3J2E2A2,MSP,CL5Q,12,4,6,12,840,15,40,MNAVG,0.18815160000000,0.00000000000000
C5B2H2S2P1L1M3J2E2A3,MSP,CL5Q,12,4,6,12,840,15,40,MNHVY,0.32872500000000,0.00000000000000
C5B2H2S2P1L2M1J1E1A1,MSP,CL5Q,12,4,6,13,340,12,10,MEPDG,2.85005400000000,0.00000000000028
C5B2H2S2P1L2M1J1E1A2,MSP,CL5Q,12,4,6,13,340,12,10,MNAVG,1.83541500000000,0.00000000000002
C5B2H2S2P1L2M1J1E1A3,MSP,CL5Q,12,4,6,13,340,12,10,MNHVY,3.09874900000000,0.00000000000022
C5B2H2S2P1L2M1J1E2A1,MSP,CL5Q,12,4,6,13,340,12,40,MEPDG,2.85005400000000,0.00000000000028
C5B2H2S2P1L2M1J1E2A2,MSP,CL5Q,12,4,6,13,340,12,40,MNAVG,1.83541500000000,0.00000000000002
```

```
C5B2H2S2P1L2M1J1E2A3,MSP,CL5Q,12,4,6,13,340,12,40,MNHVY,3.09874900000000,0.00000000000022
C5B2H2S2P1L2M1J2E1A1,MSP,CL5Q,12,4,6,13,340,15,10,MEPDG,3.66424700000000,0.00000000000062
C5B2H2S2P1L2M1J2E1A2,MSP,CL5Q,12,4,6,13,340,15,10,MNAVG,2.52909500000000,0.00000000000007
C5B2H2S2P1L2M1J2E1A3,MSP,CL5Q,12,4,6,13,340,15,10,MNHVY,4.39690100000000,0.00000000000088
C5B2H2S2P1L2M1J2E2A1,MSP,CL5Q,12,4,6,13,340,15,40,MEPDG,3.66424700000000,0.00000000000062
C5B2H2S2P1L2M1J2E2A2,MSP,CL5Q,12,4,6,13,340,15,40,MNAVG,2.52909500000000,0.00000000000007
C5B2H2S2P1L2M1J2E2A3,MSP,CL5Q,12,4,6,13,340,15,40,MNHVY,4.39690100000000,0.00000000000088
C5B2H2S2P1L2M2J1E1A1,MSP,CL5Q,12,4,6,13,590,12,10,MEPDG,0.25269760000000,0.00000000000793
C5B2H2S2P1L2M2J1E1A2,MSP,CL5Q,12,4,6,13,590,12,10,MNAVG,0.14027430000000,0.00000000000056
C5B2H2S2P1L2M2J1E1A3,MSP,CL5Q,12,4,6,13,590,12,10,MNHVY,0.22611590000000,0.00000000000819
C5B2H2S2P1L2M2J1E2A1,MSP,CL5Q,12,4,6,13,590,12,40,MEPDG,0.25269760000000,0.00000000000793
C5B2H2S2P1L2M2J1E2A2,MSP,CL5Q,12,4,6,13,590,12,40,MNAVG,0.14027430000000,0.00000000000056
C5B2H2S2P1L2M2J1E2A3,MSP,CL5Q,12,4,6,13,590,12,40,MNHVY,0.22611590000000,0.00000000000819
C5B2H2S2P1L2M2J2E1A1,MSP,CL5Q,12,4,6,13,590,15,10,MEPDG,0.46625700000000,0.00000000005653
C5B2H2S2P1L2M2J2E1A2,MSP,CL5Q,12,4,6,13,590,15,10,MNAVG,0.31052300000000,0.00000000000673
C5B2H2S2P1L2M2J2E1A3,MSP,CL5Q,12,4,6,13,590,15,10,MNHVY,0.54147490000000,0.00000000008958
C5B2H2S2P1L2M2J2E2A1,MSP,CL5Q,12,4,6,13,590,15,40,MEPDG,0.46625700000000,0.00000000005653
C5B2H2S2P1L2M2J2E2A2,MSP,CL5Q,12,4,6,13,590,15,40,MNAVG,0.31052300000000,0.00000000000673
C5B2H2S2P1L2M2J2E2A3,MSP,CL5Q,12,4,6,13,590,15,40,MNHVY,0.54147490000000,0.00000000008958
C5B2H2S2P1L2M3J1E1A1,MSP,CL5Q,12,4,6,13,840,12,10,MEPDG,0.02901810000000,0.00000000001238
C5B2H2S2P1L2M3J1E1A2,MSP,CL5Q,12,4,6,13,840,12,10,MNAVG,0.01300453000000,0.00000000000105
C5B2H2S2P1L2M3J1E1A3,MSP,CL5Q,12,4,6,13,840,12,10,MNHVY,0.01934234000000,0.00000000001553
C5B2H2S2P1L2M3J1E2A1,MSP,CL5Q,12,4,6,13,840,12,40,MEPDG,0.02901810000000,0.00000000001238
C5B2H2S2P1L2M3J1E2A2,MSP,CL5Q,12,4,6,13,840,12,40,MNAVG,0.01300453000000,0.00000000000105
C5B2H2S2P1L2M3J1E2A3,MSP,CL5Q,12,4,6,13,840,12,40,MNHVY,0.01934234000000,0.00000000001553
C5B2H2S2P1L2M3J2E1A1,MSP,CL5Q,12,4,6,13,840,15,10,MEPDG,0.07618203000000,0.00000000000000
C5B2H2S2P1L2M3J2E1A2,MSP,CL5Q,12,4,6,13,840,15,10,MNAVG,0.04556745000000,0.00000000000000
C5B2H2S2P1L2M3J2E1A3,MSP,CL5Q,12,4,6,13,840,15,10,MNHVY,0.08080613000000,0.00000000000000
C5B2H2S2P1L2M3J2E2A1,MSP,CL5Q,12,4,6,13,840,15,40,MEPDG,0.07618203000000,0.00000000000000
C5B2H2S2P1L2M3J2E2A2,MSP,CL5Q,12,4,6,13,840,15,40,MNAVG,0.04556745000000,0.00000000000000
C5B2H2S2P1L2M3J2E2A3,MSP,CL5Q,12,4,6,13,840,15,40,MNHVY,0.08080613000000,0.00000000000000
C5B2H2S2P2L1M1J1E1A1,MSP,CL5Q,12,4,7,12,340,12,10,MEPDG,10.17412000000000,0.00000000101745
C5B2H2S2P2L1M1J1E1A2,MSP,CL5Q,12,4,7,12,340,12,10,MNAVG,6.84231800000000,0.00000000005920
C5B2H2S2P2L1M1J1E1A3,MSP,CL5Q,12,4,7,12,340,12,10,MNHVY,11.48966000000000,0.00000000085496
C5B2H2S2P2L1M1J1E2A1,MSP,CL5Q,12,4,7,12,340,12,40,MEPDG,5.57709800000000,0.00000000060172
C5B2H2S2P2L1M1J1E2A2,MSP,CL5Q,12,4,7,12,340,12,40,MNAVG,3.64704400000000,0.00000000003930
C5B2H2S2P2L1M1J1E2A3,MSP,CL5Q,12,4,7,12,340,12,40,MNHVY,6.13913200000000,0.00000000056193
C5B2H2S2P2L1M1J2E1A1,MSP,CL5Q,12,4,7,12,340,15,10,MEPDG,15.45654000000000,0.00000000265003
C5B2H2S2P2L1M1J2E1A2,MSP,CL5Q,12,4,7,12,340,15,10,MNAVG,11.52194000000000,0.00000000027512
C5B2H2S2P2L1M1J2E1A3,MSP,CL5Q,12,4,7,12,340,15,10,MNHVY,20.29422000000000,0.00000000366900
C5B2H2S2P2L1M1J2E2A1,MSP,CL5Q,12,4,7,12,340,15,40,MEPDG,9.01678500000000,0.00000000126794
C5B2H2S2P2L1M1J2E2A2,MSP,CL5Q,12,4,7,12,340,15,40,MNAVG,6.64981100000000,0.00000000014354
C5B2H2S2P2L1M1J2E2A3,MSP,CL5Q,12,4,7,12,340,15,40,MNHVY,11.79681000000000,0.00000000185863
C5B2H2S2P2L1M2J1E1A1,MSP,CL5Q,12,4,7,12,590,12,10,MEPDG,0.64049580000000,0.00000000571756
C5B2H2S2P2L1M2J1E1A2,MSP,CL5Q,12,4,7,12,590,12,10,MNAVG,0.30481660000000,0.00000000056280
C5B2H2S2P2L1M2J1E1A3,MSP,CL5Q,12,4,7,12,590,12,10,MNHVY,0.48809730000000,0.00000000833750
C5B2H2S2P2L1M2J1E2A1,MSP,CL5Q,12,4,7,12,590,12,40,MEPDG,0.29086800000000,0.00000000451491
C5B2H2S2P2L1M2J1E2A2,MSP,CL5Q,12,4,7,12,590,12,40,MNAVG,0.13821940000000,0.00000000043904
C5B2H2S2P2L1M2J1E2A3,MSP,CL5Q,12,4,7,12,590,12,40,MNHVY,0.21256280000000,0.00000000640992
C5B2H2S2P2L1M2J2E1A1,MSP,CL5Q,12,4,7,12,590,15,10,MEPDG,1.50979700000000,0.00000000000003
```

```
C5B2H2S2P2L1M2J2E1A2,MSP,CL5Q,12,4,7,12,590,15,10,MNAVG,0.91139630000000,0.00000000000000
C5B2H2S2P2L1M2J2E1A3,MSP,CL5Q,12,4,7,12,590,15,10,MNHVY,1.69281800000000,0.00000000000003
C5B2H2S2P2L1M2J2E2A1,MSP,CL5Q,12,4,7,12,590,15,40,MEPDG,0.76997800000000,0.00000000000002
C5B2H2S2P2L1M2J2E2A2,MSP,CL5Q,12,4,7,12,590,15,40,MNAVG,0.47603710000000,0.00000000000000
C5B2H2S2P2L1M2J2E2A3,MSP,CL5Q,12,4,7,12,590,15,40,MNHVY,0.86339680000000,0.00000000000002
C5B2H2S2P2L1M3J1E1A1,MSP,CL5Q,12,4,7,12,840,12,10,MEPDG,0.06054629000000,0.00000000407416
C5B2H2S2P2L1M3J1E1A2,MSP,CL5Q,12,4,7,12,840,12,10,MNAVG,0.02138560000000,0.00000000042707
C5B2H2S2P2L1M3J1E1A3,MSP,CL5Q,12,4,7,12,840,12,10,MNHVY,0.03160437000000,0.00000000583427
C5B2H2S2P2L1M3J1E2A1,MSP,CL5Q,12,4,7,12,840,12,40,MEPDG,0.02331807000000,0.00000000203820
C5B2H2S2P2L1M3J1E2A2,MSP,CL5Q,12,4,7,12,840,12,40,MNAVG,0.00847381000000,0.00000000018526
C5B2H2S2P2L1M3J1E2A3,MSP,CL5Q,12,4,7,12,840,12,40,MNHVY,0.01164666000000,0.00000000253077
C5B2H2S2P2L1M3J2E1A1,MSP,CL5Q,12,4,7,12,840,15,10,MEPDG,0.21748870000000,0.00234348900000
C5B2H2S2P2L1M3J2E1A2,MSP,CL5Q,12,4,7,12,840,15,10,MNAVG,0.10508210000000,0.00034084710000
C5B2H2S2P2L1M3J2E1A3,MSP,CL5Q,12,4,7,12,840,15,10,MNHVY,0.21139960000000,0.00379032100000
C5B2H2S2P2L1M3J2E2A1,MSP,CL5Q,12,4,7,12,840,15,40,MEPDG,0.09592353000000,0.00000000000008
C5B2H2S2P2L1M3J2E2A2,MSP,CL5Q,12,4,7,12,840,15,40,MNAVG,0.04839813000000,0.00000000000000
C5B2H2S2P2L1M3J2E2A3,MSP,CL5Q,12,4,7,12,840,15,40,MNHVY,0.09167567000000,0.00000000000006
C5B2H2S2P2L2M1J1E1A1,MSP,CL5Q,12,4,7,13,340,12,10,MEPDG,1.37536200000000,0.00000000021403
C5B2H2S2P2L2M1J1E1A2,MSP,CL5Q,12,4,7,13,340,12,10,MNAVG,0.87778090000000,0.00000000001519
C5B2H2S2P2L2M1J1E1A3,MSP,CL5Q,12,4,7,13,340,12,10,MNHVY,1.49533000000000,0.00000000021492
C5B2H2S2P2L2M1J1E2A1,MSP,CL5Q,12,4,7,13,340,12,40,MEPDG,1.37536200000000,0.00000000021403
C5B2H2S2P2L2M1J1E2A2,MSP,CL5Q,12,4,7,13,340,12,40,MNAVG,0.87778090000000,0.00000000001519
C5B2H2S2P2L2M1J1E2A3,MSP,CL5Q,12,4,7,13,340,12,40,MNHVY,1.49533000000000,0.00000000021492
C5B2H2S2P2L2M1J2E1A1,MSP,CL5Q,12,4,7,13,340,15,10,MEPDG,2.37035500000000,0.00000000052038
C5B2H2S2P2L2M1J2E1A2,MSP,CL5Q,12,4,7,13,340,15,10,MNAVG,1.74294100000000,0.00000000006424
C5B2H2S2P2L2M1J2E1A3,MSP,CL5Q,12,4,7,13,340,15,10,MNHVY,3.11980500000000,0.00000000080828
C5B2H2S2P2L2M1J2E2A1,MSP,CL5Q,12,4,7,13,340,15,40,MEPDG,2.37035500000000,0.00000000052038
C5B2H2S2P2L2M1J2E2A2,MSP,CL5Q,12,4,7,13,340,15,40,MNAVG,1.74294100000000,0.00000000006424
C5B2H2S2P2L2M1J2E2A3,MSP,CL5Q,12,4,7,13,340,15,40,MNHVY,3.11980500000000,0.00000000080828
C5B2H2S2P2L2M2J1E1A1,MSP,CL5Q,12,4,7,13,590,12,10,MEPDG,0.06555740000000,0.00000000150743
C5B2H2S2P2L2M2J1E1A2,MSP,CL5Q,12,4,7,13,590,12,10,MNAVG,0.03051151000000,0.00000000015011
C5B2H2S2P2L2M2J1E1A3,MSP,CL5Q,12,4,7,13,590,12,10,MNHVY,0.04705055000000,0.00000000218376
C5B2H2S2P2L2M2J1E2A1,MSP,CL5Q,12,4,7,13,590,12,40,MEPDG,0.06555740000000,0.00000000150743
C5B2H2S2P2L2M2J1E2A2,MSP,CL5Q,12,4,7,13,590,12,40,MNAVG,0.03051151000000,0.00000000015011
C5B2H2S2P2L2M2J1E2A3,MSP,CL5Q,12,4,7,13,590,12,40,MNHVY,0.04705055000000,0.00000000218376
C5B2H2S2P2L2M2J2E1A1,MSP,CL5Q,12,4,7,13,590,15,10,MEPDG,0.19507770000000,0.00000000659865
C5B2H2S2P2L2M2J2E1A2,MSP,CL5Q,12,4,7,13,590,15,10,MNAVG,0.12194080000000,0.00000000097535
C5B2H2S2P2L2M2J2E1A3,MSP,CL5Q,12,4,7,13,590,15,10,MNHVY,0.22367900000000,0.00000001243469
C5B2H2S2P2L2M2J2E2A1,MSP,CL5Q,12,4,7,13,590,15,40,MEPDG,0.19507770000000,0.00000000659865
C5B2H2S2P2L2M2J2E2A2,MSP,CL5Q,12,4,7,13,590,15,40,MNAVG,0.12194080000000,0.00000000097535
C5B2H2S2P2L2M2J2E2A3,MSP,CL5Q,12,4,7,13,590,15,40,MNHVY,0.22367900000000,0.00000001243469
C5B2H2S2P2L2M3J1E1A1,MSP,CL5Q,12,4,7,13,840,12,10,MEPDG,0.00509491800000,0.00000411459000
C5B2H2S2P2L2M3J1E1A2,MSP,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00183945400000,0.00000042077390
C5B2H2S2P2L2M3J1E1A3,MSP,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00266329400000,0.00000530514600
C5B2H2S2P2L2M3J1E2A1,MSP,CL5Q,12,4,7,13,840,12,40,MEPDG,0.00509491800000,0.00000411459000
C5B2H2S2P2L2M3J1E2A2,MSP,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00183945400000,0.00000042077390
C5B2H2S2P2L2M3J1E2A3,MSP,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00266329400000,0.00000530514600
C5B2H2S2P2L2M3J2E1A1,MSP,CL5Q,12,4,7,13,840,15,10,MEPDG,0.02253179000000,0.00034414580000
C5B2H2S2P2L2M3J2E1A2,MSP,CL5Q,12,4,7,13,840,15,10,MNAVG,0.01139996000000,0.00004789121000
C5B2H2S2P2L2M3J2E1A3,MSP,CL5Q,12,4,7,13,840,15,10,MNHVY,0.02170878000000,0.00053635540000
```

```
C5B2H2S2P2L2M3J2E2A1,MSP,CL5Q,12,4,7,13,840,15,40,MEPDG,0.02253179000000,0.00034414580000
C5B2H2S2P2L2M3J2E2A2,MSP,CL5Q,12,4,7,13,840,15,40,MNAVG,0.01139996000000,0.00004789121000
C5B2H2S2P2L2M3J2E2A3,MSP,CL5Q,12,4,7,13,840,15,40,MNHVY,0.02170878000000,0.00053635540000
C5B2H2S2P3L1M1J1E1A1,MSP,CL5Q,12,4,8,12,340,12,10,MEPDG,3.85309000000000,0.00000004395215
C5B2H2S2P3L1M1J1E1A2,MSP,CL5Q,12,4,8,12,340,12,10,MNAVG,2.17254900000000,0.00000000353167
C5B2H2S2P3L1M1J1E1A3,MSP,CL5Q,12,4,8,12,340,12,10,MNHVY,3.62490500000000,0.00000005139985
C5B2H2S2P3L1M1J1E2A1,MSP,CL5Q,12,4,8,12,340,12,40,MEPDG,1.93378000000000,0.00000002729565
C5B2H2S2P3L1M1J1E2A2,MSP,CL5Q,12,4,8,12,340,12,40,MNAVG,1.08075900000000,0.00000000230228
C5B2H2S2P3L1M1J1E2A3,MSP,CL5Q,12,4,8,12,340,12,40,MNHVY,1.75437100000000,0.00000003308124
C5B2H2S2P3L1M1J2E1A1,MSP,CL5Q,12,4,8,12,340,15,10,MEPDG,7.43303500000000,0.00000016454850
C5B2H2S2P3L1M1J2E1A2,MSP,CL5Q,12,4,8,12,340,15,10,MNAVG,4.99364900000000,0.00000002050267
C5B2H2S2P3L1M1J2E1A3,MSP,CL5Q,12,4,8,12,340,15,10,MNHVY,9.11667000000000,0.00000026896280
C5B2H2S2P3L1M1J2E2A1,MSP,CL5Q,12,4,8,12,340,15,40,MEPDG,4.09061000000000,0.00000013290460
C5B2H2S2P3L1M1J2E2A2,MSP,CL5Q,12,4,8,12,340,15,40,MNAVG,2.78739500000000,0.00000001774961
C5B2H2S2P3L1M1J2E2A3,MSP,CL5Q,12,4,8,12,340,15,40,MNHVY,5.00810600000000,0.00000022532880
C5B2H2S2P3L1M2J1E1A1,MSP,CL5Q,12,4,8,12,590,12,10,MEPDG,0.14531780000000,0.00000009778753
C5B2H2S2P3L1M2J1E1A2,MSP,CL5Q,12,4,8,12,590,12,10,MNAVG,0.05221756000000,0.00000001054114
C5B2H2S2P3L1M2J1E1A3,MSP,CL5Q,12,4,8,12,590,12,10,MNHVY,0.07932281000000,0.00000015170500
C5B2H2S2P3L1M2J1E2A1,MSP,CL5Q,12,4,8,12,590,12,40,MEPDG,0.05784604000000,0.00000004403740
C5B2H2S2P3L1M2J1E2A2,MSP,CL5Q,12,4,8,12,590,12,40,MNAVG,0.02144706000000,0.00000000454450
C5B2H2S2P3L1M2J1E2A3,MSP,CL5Q,12,4,8,12,590,12,40,MNHVY,0.03023835000000,0.00000006461969
C5B2H2S2P3L1M2J2E1A1,MSP,CL5Q,12,4,8,12,590,15,10,MEPDG,0.49029090000000,0.01220095000000
C5B2H2S2P3L1M2J2E1A2,MSP,CL5Q,12,4,8,12,590,15,10,MNAVG,0.24025360000000,0.00210034100000
C5B2H2S2P3L1M2J2E1A3,MSP,CL5Q,12,4,8,12,590,15,10,MNHVY,0.47637540000000,0.02243482000000
C5B2H2S2P3L1M2J2E2A1,MSP,CL5Q,12,4,8,12,590,15,40,MEPDG,0.22671310000000,0.00481640200000
C5B2H2S2P3L1M2J2E2A2,MSP,CL5Q,12,4,8,12,590,15,40,MNAVG,0.11716280000000,0.00084122480000
C5B2H2S2P3L1M2J2E2A3,MSP,CL5Q,12,4,8,12,590,15,40,MNHVY,0.21954770000000,0.00887837300000
C5B2H2S2P3L1M3J1E1A1,MSP,CL5Q,12,4,8,12,840,12,10,MEPDG,0.00898704300000,0.00000002264800
C5B2H2S2P3L1M3J1E1A2,MSP,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00245863700000,0.00000000209630
C5B2H2S2P3L1M3J1E1A3,MSP,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00326245400000,0.00000002914109
C5B2H2S2P3L1M3J1E2A1,MSP,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00291975200000,0.00000000896252
C5B2H2S2P3L1M3J1E2A2,MSP,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00086963260000,0.00000000070294
C5B2H2S2P3L1M3J1E2A3,MSP,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00105034900000,0.00000000975507
C5B2H2S2P3L1M3J2E1A1,MSP,CL5Q,12,4,8,12,840,15,10,MEPDG,0.04923903000000,0.00164688200000
C5B2H2S2P3L1M3J2E1A2,MSP,CL5Q,12,4,8,12,840,15,10,MNAVG,0.01763445000000,0.00024901720000
C5B2H2S2P3L1M3J2E1A3,MSP,CL5Q,12,4,8,12,840,15,10,MNHVY,0.03785237000000,0.00283397700000
C5B2H2S2P3L1M3J2E2A1,MSP,CL5Q,12,4,8,12,840,15,40,MEPDG,0.01886499000000,0.00066325910000
C5B2H2S2P3L1M3J2E2A2,MSP,CL5Q,12,4,8,12,840,15,40,MNAVG,0.00727662300000,0.00009184027000
C5B2H2S2P3L1M3J2E2A3,MSP,CL5Q,12,4,8,12,840,15,40,MNHVY,0.01409278000000,0.00106676600000
C5B2H2S2P3L2M1J1E1A1,MSP,CL5Q,12,4,8,13,340,12,10,MEPDG,0.45914040000000,0.00000000977764
C5B2H2S2P3L2M1J1E1A2,MSP,CL5Q,12,4,8,13,340,12,10,MNAVG,0.25087390000000,0.00000000085882
C5B2H2S2P3L2M1J1E1A3,MSP,CL5Q,12,4,8,13,340,12,10,MNHVY,0.40891720000000,0.00000001222999
C5B2H2S2P3L2M1J1E2A1,MSP,CL5Q,12,4,8,13,340,12,40,MEPDG,0.45914040000000,0.00000000977764
C5B2H2S2P3L2M1J1E2A2,MSP,CL5Q,12,4,8,13,340,12,40,MNAVG,0.25087390000000,0.00000000085882
C5B2H2S2P3L2M1J1E2A3,MSP,CL5Q,12,4,8,13,340,12,40,MNHVY,0.40891720000000,0.00000001222999
C5B2H2S2P3L2M1J2E1A1,MSP,CL5Q,12,4,8,13,340,15,10,MEPDG,1.06426300000000,0.00000006006791
C5B2H2S2P3L2M1J2E1A2,MSP,CL5Q,12,4,8,13,340,15,10,MNAVG,0.72883220000000,0.00000000845143
C5B2H2S2P3L2M1J2E1A3,MSP,CL5Q,12,4,8,13,340,15,10,MNHVY,1.31578300000000,0.00000010496720
C5B2H2S2P3L2M1J2E2A1,MSP,CL5Q,12,4,8,13,340,15,40,MEPDG,1.06426300000000,0.00000006006791
C5B2H2S2P3L2M1J2E2A2,MSP,CL5Q,12,4,8,13,340,15,40,MNAVG,0.72883220000000,0.00000000845143
```

```
C5B2H2S2P3L2M1J2E2A3,MSP,CL5Q,12,4,8,13,340,15,40,MNHVY,1.31578300000000,0.00000010496720
C5B2H2S2P3L2M2J1E1A1,MSP,CL5Q,12,4,8,13,590,12,10,MEPDG,0.01231720000000,0.00000001567269
C5B2H2S2P3L2M2J1E1A2,MSP,CL5Q,12,4,8,13,590,12,10,MNAVG,0.00452324100000,0.00000000164069
C5B2H2S2P3L2M2J1E1A3,MSP,CL5Q,12,4,8,13,590,12,10,MNHVY,0.00630720700000,0.00000002327546
C5B2H2S2P3L2M2J1E2A1,MSP,CL5Q,12,4,8,13,590,12,40,MEPDG,0.01231720000000,0.00000001567269
C5B2H2S2P3L2M2J1E2A2,MSP,CL5Q,12,4,8,13,590,12,40,MNAVG,0.00452324100000,0.00000000164069
C5B2H2S2P3L2M2J1E2A3,MSP,CL5Q,12,4,8,13,590,12,40,MNHVY,0.00630720700000,0.00000002327546
C5B2H2S2P3L2M2J2E1A1,MSP,CL5Q,12,4,8,13,590,15,10,MEPDG,0.05442529000000,0.00151397700000
C5B2H2S2P3L2M2J2E1A2,MSP,CL5Q,12,4,8,13,590,15,10,MNAVG,0.02833973000000,0.00028181330000
C5B2H2S2P3L2M2J2E1A3,MSP,CL5Q,12,4,8,13,590,15,10,MNHVY,0.05316714000000,0.00289133300000
C5B2H2S2P3L2M2J2E2A1,MSP,CL5Q,12,4,8,13,590,15,40,MEPDG,0.05442529000000,0.00151397700000
C5B2H2S2P3L2M2J2E2A2,MSP,CL5Q,12,4,8,13,590,15,40,MNAVG,0.02833973000000,0.00028181330000
C5B2H2S2P3L2M2J2E2A3,MSP,CL5Q,12,4,8,13,590,15,40,MNHVY,0.05316714000000,0.00289133300000
C5B2H2S2P3L2M3J1E1A1,MSP,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00052542900000,0.00000000412215
C5B2H2S2P3L2M3J1E1A2,MSP,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00015976030000,0.00000000031379
C5B2H2S2P3L2M3J1E1A3,MSP,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00017137880000,0.00000000436191
C5B2H2S2P3L2M3J1E2A1,MSP,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00052542900000,0.00000000412215
C5B2H2S2P3L2M3J1E2A2,MSP,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00015976030000,0.00000000031379
C5B2H2S2P3L2M3J1E2A3,MSP,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00017137880000,0.00000000436191
C5B2H2S2P3L2M3J2E1A1,MSP,CL5Q,12,4,8,13,840,15,10,MEPDG,0.00416956900000,0.00025053200000
C5B2H2S2P3L2M3J2E1A2,MSP,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00161808500000,0.00003581302000
C5B2H2S2P3L2M3J2E1A3,MSP,CL5Q,12,4,8,13,840,15,10,MNHVY,0.00311162700000,0.00040989850000
C5B2H2S2P3L2M3J2E2A1,MSP,CL5Q,12,4,8,13,840,15,40,MEPDG,0.00416956900000,0.00025053200000
C5B2H2S2P3L2M3J2E2A2,MSP,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00161808500000,0.00003581302000
C5B2H2S2P3L2M3J2E2A3,MSP,CL5Q,12,4,8,13,840,15,40,MNHVY,0.00311162700000,0.00040989850000
C5B2H2S2P4L1M1J1E1A1,MSP,CL5Q,12,4,9,12,340,12,10,MEPDG,1.30009300000000,0.00000095004610
C5B2H2S2P4L1M1J1E1A2,MSP,CL5Q,12,4,9,12,340,12,10,MNAVG,0.58770510000000,0.00000009932415
C5B2H2S2P4L1M1J1E1A3,MSP,CL5Q,12,4,9,12,340,12,10,MNHVY,0.96137580000000,0.00000142550100
C5B2H2S2P4L1M1J1E2A1,MSP,CL5Q,12,4,9,12,340,12,40,MEPDG,0.59420140000000,0.00000075390760
C5B2H2S2P4L1M1J1E2A2,MSP,CL5Q,12,4,9,12,340,12,40,MNAVG,0.27228770000000,0.00000008040472
C5B2H2S2P4L1M1J1E2A3,MSP,CL5Q,12,4,9,12,340,12,40,MNHVY,0.42147380000000,0.00000113669400
C5B2H2S2P4L1M1J2E1A1,MSP,CL5Q,12,4,9,12,340,15,10,MEPDG,3.22122400000000,0.00000688357900
C5B2H2S2P4L1M1J2E1A2,MSP,CL5Q,12,4,9,12,340,15,10,MNAVG,1.87936800000000,0.00000103339000
C5B2H2S2P4L1M1J2E1A3,MSP,CL5Q,12,4,9,12,340,15,10,MNHVY,3.57787700000000,0.00001297785000
C5B2H2S2P4L1M1J2E2A1,MSP,CL5Q,12,4,9,12,340,15,40,MEPDG,1.64871700000000,0.00000344371800
C5B2H2S2P4L1M1J2E2A2,MSP,CL5Q,12,4,9,12,340,15,40,MNAVG,0.99772200000000,0.00000052847080
C5B2H2S2P4L1M1J2E2A3,MSP,CL5Q,12,4,9,12,340,15,40,MNHVY,1.82608400000000,0.00000648959100
C5B2H2S2P4L1M2J1E1A1,MSP,CL5Q,12,4,9,12,590,12,10,MEPDG,0.02780847000000,0.00029878830000
C5B2H2S2P4L1M2J1E1A2,MSP,CL5Q,12,4,9,12,590,12,10,MNAVG,0.00773990700000,0.00004246340000
C5B2H2S2P4L1M2J1E1A3,MSP,CL5Q,12,4,9,12,590,12,10,MNHVY,0.01018758000000,0.00051196850000
C5B2H2S2P4L1M2J1E2A1,MSP,CL5Q,12,4,9,12,590,12,40,MEPDG,0.00947533500000,0.00000023183680
C5B2H2S2P4L1M2J1E2A2,MSP,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00285687500000,0.00000002394813
C5B2H2S2P4L1M2J1E2A3,MSP,CL5Q,12,4,9,12,590,12,40,MNHVY,0.00337380100000,0.00000033561870
C5B2H2S2P4L1M2J2E1A1,MSP,CL5Q,12,4,9,12,590,15,10,MEPDG,0.13256350000000,0.00986694000000
C5B2H2S2P4L1M2J2E1A2,MSP,CL5Q,12,4,9,12,590,15,10,MNAVG,0.05029938000000,0.00163280600000
C5B2H2S2P4L1M2J2E1A3,MSP,CL5Q,12,4,9,12,590,15,10,MNHVY,0.10272490000000,0.01831677000000
C5B2H2S2P4L1M2J2E2A1,MSP,CL5Q,12,4,9,12,590,15,40,MEPDG,0.05368271000000,0.00457164000000
C5B2H2S2P4L1M2J2E2A2,MSP,CL5Q,12,4,9,12,590,15,40,MNAVG,0.02193215000000,0.00073467740000
C5B2H2S2P4L1M2J2E2A3,MSP,CL5Q,12,4,9,12,590,15,40,MNHVY,0.04079419000000,0.00826977000000
C5B2H2S2P4L1M3J1E1A1,MSP,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00109055500000,0.00000091458300
```

```
C5B2H2S2P4L1M3J1E1A2,MSP,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00026022850000,0.00000009578222
C5B2H2S2P4L1M3J1E1A3,MSP,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00027400980000,0.00000126117000
C5B2H2S2P4L1M3J1E2A1,MSP,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00029256240000,0.00000097092290
C5B2H2S2P4L1M3J1E2A2,MSP,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00008102823000,0.00000008618271
C5B2H2S2P4L1M3J1E2A3,MSP,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00007672748000,0.00000115720900
C5B2H2S2P4L1M3J2E1A1,MSP,CL5Q,12,4,9,12,840,15,10,MEPDG,0.00818356300000,0.00075918030000
C5B2H2S2P4L1M3J2E1A2,MSP,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00214017000000,0.00010532440000
C5B2H2S2P4L1M3J2E1A3,MSP,CL5Q,12,4,9,12,840,15,10,MNHVY,0.00430756300000,0.00127363100000
C5B2H2S2P4L1M3J2E2A1,MSP,CL5Q,12,4,9,12,840,15,40,MEPDG,0.00271751400000,0.00017677580000
C5B2H2S2P4L1M3J2E2A2,MSP,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00079434700000,0.00002447989000
C5B2H2S2P4L1M3J2E2A3,MSP,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00141506700000,0.00029800380000
C5B2H2S2P4L2M1J1E1A1,MSP,CL5Q,12,4,9,13,340,12,10,MEPDG,0.13519720000000,0.00000029855540
C5B2H2S2P4L2M1J1E1A2,MSP,CL5Q,12,4,9,13,340,12,10,MNAVG,0.06086504000000,0.00000003255485
C5B2H2S2P4L2M1J1E1A3,MSP,CL5Q,12,4,9,13,340,12,10,MNHVY,0.09367904000000,0.00000045724840
C5B2H2S2P4L2M1J1E2A1,MSP,CL5Q,12,4,9,13,340,12,40,MEPDG,0.13519720000000,0.00000029855540
C5B2H2S2P4L2M1J1E2A2,MSP,CL5Q,12,4,9,13,340,12,40,MNAVG,0.06086504000000,0.00000003255485
C5B2H2S2P4L2M1J1E2A3,MSP,CL5Q,12,4,9,13,340,12,40,MNHVY,0.09367904000000,0.00000045724840
C5B2H2S2P4L2M1J2E1A1,MSP,CL5Q,12,4,9,13,340,15,10,MEPDG,0.41812810000000,0.00000163696500
C5B2H2S2P4L2M1J2E1A2,MSP,CL5Q,12,4,9,13,340,15,10,MNAVG,0.25540610000000,0.00000025879320
C5B2H2S2P4L2M1J2E1A3,MSP,CL5Q,12,4,9,13,340,15,10,MNHVY,0.46755840000000,0.00000312994300
C5B2H2S2P4L2M1J2E2A1,MSP,CL5Q,12,4,9,13,340,15,40,MEPDG,0.41812810000000,0.00000163696500
C5B2H2S2P4L2M1J2E2A2,MSP,CL5Q,12,4,9,13,340,15,40,MNAVG,0.25540610000000,0.00000025879320
C5B2H2S2P4L2M1J2E2A3,MSP,CL5Q,12,4,9,13,340,15,40,MNHVY,0.46755840000000,0.00000312994300
C5B2H2S2P4L2M2J1E1A1,MSP,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00188666900000,0.00000008690666
C5B2H2S2P4L2M2J1E1A2,MSP,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00057440230000,0.00000000902741
C5B2H2S2P4L2M2J1E1A3,MSP,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00066132940000,0.00000012630160
C5B2H2S2P4L2M2J1E2A1,MSP,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00188666900000,0.00000008690666
C5B2H2S2P4L2M2J1E2A2,MSP,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00057440230000,0.00000000902741
C5B2H2S2P4L2M2J1E2A3,MSP,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00066132940000,0.00000012630160
C5B2H2S2P4L2M2J2E1A1,MSP,CL5Q,12,4,9,13,590,15,10,MEPDG,0.01228880000000,0.00000109753500
C5B2H2S2P4L2M2J2E1A2,MSP,CL5Q,12,4,9,13,590,15,10,MNAVG,0.00508942700000,0.00000017098860
C5B2H2S2P4L2M2J2E1A3,MSP,CL5Q,12,4,9,13,590,15,10,MNHVY,0.00942352200000,0.00000208762200
C5B2H2S2P4L2M2J2E2A1,MSP,CL5Q,12,4,9,13,590,15,40,MEPDG,0.01228880000000,0.00000109753500
C5B2H2S2P4L2M2J2E2A2,MSP,CL5Q,12,4,9,13,590,15,40,MNAVG,0.00508942700000,0.00000017098860
C5B2H2S2P4L2M2J2E2A3,MSP,CL5Q,12,4,9,13,590,15,40,MNHVY,0.00942352200000,0.00000208762200
C5B2H2S2P4L2M3J1E1A1,MSP,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00005267622000,0.00000240132000
C5B2H2S2P4L2M3J1E1A2,MSP,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00001500173000,0.00000020420550
C5B2H2S2P4L2M3J1E1A3,MSP,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00001387686000,0.00000272016400
C5B2H2S2P4L2M3J1E2A1,MSP,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00005267622000,0.00000240132000
C5B2H2S2P4L2M3J1E2A2,MSP,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00001500173000,0.00000020420550
C5B2H2S2P4L2M3J1E2A3,MSP,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00001387686000,0.00000272016400
C5B2H2S2P4L2M3J2E1A1,MSP,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00052434920000,0.00002575803000
C5B2H2S2P4L2M3J2E1A2,MSP,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00015571790000,0.00000373800400
C5B2H2S2P4L2M3J2E1A3,MSP,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00025652740000,0.00004480210000
C5B2H2S2P4L2M3J2E2A1,MSP,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00052434920000,0.00002575803000
C5B2H2S2P4L2M3J2E2A2,MSP,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00015571790000,0.00000373800400
C5B2H2S2P4L2M3J2E2A3,MSP,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00025652740000,0.00004480210000
C5B2H2S2P5L1M1J1E1A1,MSP,CL5Q,12,4,10,12,340,12,10,MEPDG,0.38653820000000,0.00000564567800
C5B2H2S2P5L1M1J1E1A2,MSP,CL5Q,12,4,10,12,340,12,10,MNAVG,0.13591730000000,0.00000063231900
C5B2H2S2P5L1M1J1E1A3,MSP,CL5Q,12,4,10,12,340,12,10,MNHVY,0.20946530000000,0.00000897653000
```

```
C5B2H2S2P5L1M1J1E2A1,MSP,CL5Q,12,4,10,12,340,12,40,MEPDG,0.15730780000000,0.00000293626100
C5B2H2S2P5L1M1J1E2A2,MSP,CL5Q,12,4,10,12,340,12,40,MNAVG,0.05731473000000,0.00000032604500
C5B2H2S2P5L1M1J1E2A3,MSP,CL5Q,12,4,10,12,340,12,40,MNHVY,0.08077697000000,0.00000458467500
C5B2H2S2P5L1M1J2E1A1,MSP,CL5Q,12,4,10,12,340,15,10,MEPDG,1.20215200000000,0.00003183429000
C5B2H2S2P5L1M1J2E1A2,MSP,CL5Q,12,4,10,12,340,15,10,MNAVG,0.58206740000000,0.00000492434500
C5B2H2S2P5L1M1J2E1A3,MSP,CL5Q,12,4,10,12,340,15,10,MNHVY,1.13435800000000,0.00006134470000
C5B2H2S2P5L1M1J2E2A1,MSP,CL5Q,12,4,10,12,340,15,40,MEPDG,0.56306470000000,0.00001671565000
C5B2H2S2P5L1M1J2E2A2,MSP,CL5Q,12,4,10,12,340,15,40,MNAVG,0.28842490000000,0.00000263293600
C5B2H2S2P5L1M1J2E2A3,MSP,CL5Q,12,4,10,12,340,15,40,MNHVY,0.52726420000000,0.00003211905000
C5B2H2S2P5L1M2J1E1A1,MSP,CL5Q,12,4,10,12,590,12,10,MEPDG,0.00469682300000,0.00000239150600
C5B2H2S2P5L1M2J1E1A2,MSP,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00111730500000,0.00000027876840
C5B2H2S2P5L1M2J1E1A3,MSP,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00120643600000,0.00000381132700
C5B2H2S2P5L1M2J1E2A1,MSP,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00136358100000,0.00000299945300
C5B2H2S2P5L1M2J1E2A2,MSP,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00037378650000,0.00000035387020
C5B2H2S2P5L1M2J1E2A3,MSP,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00035987470000,0.00000465957400
C5B2H2S2P5L1M2J2E1A1,MSP,CL5Q,12,4,10,12,590,15,10,MEPDG,0.02830162000000,0.00548095700000
C5B2H2S2P5L1M2J2E1A2,MSP,CL5Q,12,4,10,12,590,15,10,MNAVG,0.00807866600000,0.00083848120000
C5B2H2S2P5L1M2J2E1A3,MSP,CL5Q,12,4,10,12,590,15,10,MNHVY,0.01553947000000,0.01005794000000
C5B2H2S2P5L1M2J2E2A1,MSP,CL5Q,12,4,10,12,590,15,40,MEPDG,0.01000998000000,0.00178593600000
C5B2H2S2P5L1M2J2E2A2,MSP,CL5Q,12,4,10,12,590,15,40,MNAVG,0.00317010500000,0.00028544850000
C5B2H2S2P5L1M2J2E2A3,MSP,CL5Q,12,4,10,12,590,15,40,MNHVY,0.00537859400000,0.00334791600000
C5B2H2S2P5L1M3J1E1A1,MSP,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00013019670000,0.00000203322100
C5B2H2S2P5L1M3J1E1A2,MSP,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00002891570000,0.00000017084950
C5B2H2S2P5L1M3J1E1A3,MSP,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00002479418000,0.00000242862600
C5B2H2S2P5L1M3J1E2A1,MSP,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00002581594000,0.00000161453100
C5B2H2S2P5L1M3J1E2A2,MSP,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00000735741900,0.00000011875020
C5B2H2S2P5L1M3J1E2A3,MSP,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00000522006300,0.00000167575000
C5B2H2S2P5L1M3J2E1A1,MSP,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00103857300000,0.00029685410000
C5B2H2S2P5L1M3J2E1A2,MSP,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00021323540000,0.00003672290000
C5B2H2S2P5L1M3J2E1A3,MSP,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00032812090000,0.00047352860000
C5B2H2S2P5L1M3J2E2A1,MSP,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00028836460000,0.00011636220000
C5B2H2S2P5L1M3J2E2A2,MSP,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00006964936000,0.00001397793000
C5B2H2S2P5L1M3J2E2A3,MSP,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00009195122000,0.00018039420000
C5B2H2S2P5L2M1J1E1A1,MSP,CL5Q,12,4,10,13,340,12,10,MEPDG,0.03406530000000,0.00000123532100
C5B2H2S2P5L2M1J1E1A2,MSP,CL5Q,12,4,10,13,340,12,10,MNAVG,0.01230889000000,0.00000013945760
C5B2H2S2P5L2M1J1E1A3,MSP,CL5Q,12,4,10,13,340,12,10,MNHVY,0.01705288000000,0.00000195005900
C5B2H2S2P5L2M1J1E2A1,MSP,CL5Q,12,4,10,13,340,12,40,MEPDG,0.03406530000000,0.00000123532100
C5B2H2S2P5L2M1J1E2A2,MSP,CL5Q,12,4,10,13,340,12,40,MNAVG,0.01230889000000,0.00000013945760
C5B2H2S2P5L2M1J1E2A3,MSP,CL5Q,12,4,10,13,340,12,40,MNHVY,0.01705288000000,0.00000195005900
C5B2H2S2P5L2M1J2E1A1,MSP,CL5Q,12,4,10,13,340,15,10,MEPDG,0.13670240000000,0.00000835512900
C5B2H2S2P5L2M1J2E1A2,MSP,CL5Q,12,4,10,13,340,15,10,MNAVG,0.07081655000000,0.00000134759600
C5B2H2S2P5L2M1J2E1A3,MSP,CL5Q,12,4,10,13,340,15,10,MNHVY,0.12867880000000,0.00001622581000
C5B2H2S2P5L2M1J2E2A1,MSP,CL5Q,12,4,10,13,340,15,40,MEPDG,0.13670240000000,0.00000835512900
C5B2H2S2P5L2M1J2E2A2,MSP,CL5Q,12,4,10,13,340,15,40,MNAVG,0.07081655000000,0.00000134759600
C5B2H2S2P5L2M1J2E2A3,MSP,CL5Q,12,4,10,13,340,15,40,MNHVY,0.12867880000000,0.00001622581000
C5B2H2S2P5L2M2J1E1A1,MSP,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00025246480000,0.00000153546300
C5B2H2S2P5L2M2J1E1A2,MSP,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00007140778000,0.00000018214190
C5B2H2S2P5L2M2J1E1A3,MSP,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00006647737000,0.00000239313500
C5B2H2S2P5L2M2J1E2A1,MSP,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00025246480000,0.00000153546300
C5B2H2S2P5L2M2J1E2A2,MSP,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00007140778000,0.00000018214190
```

```
C5B2H2S2P5L2M2J1E2A3,MSP,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00006647737000,0.00000239313500
C5B2H2S2P5L2M2J2E1A1,MSP,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00211532900000,0.00000682491400
C5B2H2S2P5L2M2J2E1A2,MSP,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00068117520000,0.00000110402800
C5B2H2S2P5L2M2J2E1A3,MSP,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00113048000000,0.00001308353000
C5B2H2S2P5L2M2J2E2A1,MSP,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00211532900000,0.00000682491400
C5B2H2S2P5L2M2J2E2A2,MSP,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00068117520000,0.00000110402800
C5B2H2S2P5L2M2J2E2A3,MSP,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00113048000000,0.00001308353000
C5B2H2S2P5L2M3J1E1A1,MSP,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00000422918400,0.00000065943960
C5B2H2S2P5L2M3J1E1A2,MSP,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000126706400,0.00000004734539
C5B2H2S2P5L2M3J1E1A3,MSP,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000087206360,0.00000066750430
C5B2H2S2P5L2M3J1E2A1,MSP,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00000422918400,0.00000065943960
C5B2H2S2P5L2M3J1E2A2,MSP,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000126706400,0.00000004734539
C5B2H2S2P5L2M3J1E2A3,MSP,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000087206360,0.00000066750430
C5B2H2S2P5L2M3J2E1A1,MSP,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00005399205000,0.00000366811600
C5B2H2S2P5L2M3J2E1A2,MSP,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00001347898000,0.00000046059060
C5B2H2S2P5L2M3J2E1A3,MSP,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00001715191000,0.00000591187300
C5B2H2S2P5L2M3J2E2A1,MSP,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00005399205000,0.00000366811600
C5B2H2S2P5L2M3J2E2A2,MSP,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00001347898000,0.00000046059060
C5B2H2S2P5L2M3J2E2A3,MSP,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00001715191000,0.00000591187300
C5B2H2S2P6L1M1J1E1A1,MSP,CL5Q,12,4,11,12,340,12,10,MEPDG,0.10636190000000,0.00008078350000
C5B2H2S2P6L1M1J1E1A2,MSP,CL5Q,12,4,11,12,340,12,10,MNAVG,0.02958669000000,0.00001097280000
C5B2H2S2P6L1M1J1E1A3,MSP,CL5Q,12,4,11,12,340,12,10,MNHVY,0.04140713000000,0.00014625080000
C5B2H2S2P6L1M1J1E2A1,MSP,CL5Q,12,4,11,12,340,12,40,MEPDG,0.03854777000000,0.00004643367000
C5B2H2S2P6L1M1J1E2A2,MSP,CL5Q,12,4,11,12,340,12,40,MNAVG,0.01152864000000,0.00000626165100
C5B2H2S2P6L1M1J1E2A3,MSP,CL5Q,12,4,11,12,340,12,40,MNHVY,0.01439802000000,0.00008258728000
C5B2H2S2P6L1M1J2E1A1,MSP,CL5Q,12,4,11,12,340,15,10,MEPDG,0.40279560000000,0.01386128000000
C5B2H2S2P6L1M1J2E1A2,MSP,CL5Q,12,4,11,12,340,15,10,MNAVG,0.15669630000000,0.00253442300000
C5B2H2S2P6L1M1J2E1A3,MSP,CL5Q,12,4,11,12,340,15,10,MNHVY,0.30582760000000,0.02832745000000
C5B2H2S2P6L1M1J2E2A1,MSP,CL5Q,12,4,11,12,340,15,40,MEPDG,0.17123230000000,0.00020615050000
C5B2H2S2P6L1M1J2E2A2,MSP,CL5Q,12,4,11,12,340,15,40,MNAVG,0.07187615000000,0.00003641575000
C5B2H2S2P6L1M1J2E2A3,MSP,CL5Q,12,4,11,12,340,15,40,MNHVY,0.12835220000000,0.00041622880000
C5B2H2S2P6L1M2J1E1A1,MSP,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00080042540000,0.00001999590000
C5B2H2S2P6L1M2J1E1A2,MSP,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00017492400000,0.00000208748000
C5B2H2S2P6L1M2J1E1A3,MSP,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00016118710000,0.00002968962000
C5B2H2S2P6L1M2J1E2A1,MSP,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00020056050000,0.00001307916000
C5B2H2S2P6L1M2J1E2A2,MSP,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00005325003000,0.00000129855200
C5B2H2S2P6L1M2J1E2A3,MSP,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00004390185000,0.00001830527000
C5B2H2S2P6L1M2J2E1A1,MSP,CL5Q,12,4,11,12,590,15,10,MEPDG,0.00520144100000,0.00006753006000
C5B2H2S2P6L1M2J2E1A2,MSP,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00116259200000,0.00000992133300
C5B2H2S2P6L1M2J2E1A3,MSP,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00191355900000,0.00012663230000
C5B2H2S2P6L1M2J2E2A1,MSP,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00160404500000,0.00083153730000
C5B2H2S2P6L1M2J2E2A2,MSP,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00041386900000,0.00011913930000
C5B2H2S2P6L1M2J2E2A3,MSP,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00058978520000,0.00149443900000
C5B2H2S2P6L1M3J1E1A1,MSP,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00001452938000,0.00000158306800
C5B2H2S2P6L1M3J1E1A2,MSP,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000299429500,0.00000010904070
C5B2H2S2P6L1M3J1E1A3,MSP,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000209831000,0.00000163237900
C5B2H2S2P6L1M3J1E2A1,MSP,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000275334900,0.00000108071500
C5B2H2S2P6L1M3J1E2A2,MSP,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000073300040,0.00000006627995
C5B2H2S2P6L1M3J1E2A3,MSP,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000046819110,0.00000098212150
C5B2H2S2P6L1M3J2E1A1,MSP,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00011389030000,0.00006946670000
```

```
C5B2H2S2P6L1M3J2E1A2,MSP,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00002024256000,0.00000769269600
C5B2H2S2P6L1M3J2E1A3,MSP,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00002361074000,0.00010586380000
C5B2H2S2P6L1M3J2E2A1,MSP,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00002759305000,0.00004418184000
C5B2H2S2P6L1M3J2E2A2,MSP,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00000605384700,0.00000466851800
C5B2H2S2P6L1M3J2E2A3,MSP,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00000631140100,0.00006370217000
C5B2H2S2P6L2M1J1E1A1,MSP,CL5Q,12,4,11,13,340,12,10,MEPDG,0.00789206100000,0.00002128923000
C5B2H2S2P6L2M1J1E1A2,MSP,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00237570500000,0.00000291098800
C5B2H2S2P6L2M1J1E1A3,MSP,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00287461900000,0.00003819225000
C5B2H2S2P6L2M1J1E2A1,MSP,CL5Q,12,4,11,13,340,12,40,MEPDG,0.00789206100000,0.00002128923000
C5B2H2S2P6L2M1J1E2A2,MSP,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00237570500000,0.00000291098800
C5B2H2S2P6L2M1J1E2A3,MSP,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00287461900000,0.00003819225000
C5B2H2S2P6L2M1J2E1A1,MSP,CL5Q,12,4,11,13,340,15,10,MEPDG,0.03951639000000,0.00011403140000
C5B2H2S2P6L2M1J2E1A2,MSP,CL5Q,12,4,11,13,340,15,10,MNAVG,0.01681261000000,0.00002051139000
C5B2H2S2P6L2M1J2E1A3,MSP,CL5Q,12,4,11,13,340,15,10,MNHVY,0.02960577000000,0.00023157080000
C5B2H2S2P6L2M1J2E2A1,MSP,CL5Q,12,4,11,13,340,15,40,MEPDG,0.03951639000000,0.00011403140000
C5B2H2S2P6L2M1J2E2A2,MSP,CL5Q,12,4,11,13,340,15,40,MNAVG,0.01681261000000,0.00002051139000
C5B2H2S2P6L2M1J2E2A3,MSP,CL5Q,12,4,11,13,340,15,40,MNHVY,0.02960577000000,0.00023157080000
C5B2H2S2P6L2M2J1E1A1,MSP,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00003488859000,0.00000556456700
C5B2H2S2P6L2M2J1E1A2,MSP,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00000970763400,0.00000055358400
C5B2H2S2P6L2M2J1E1A3,MSP,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00000774081300,0.00000778648700
C5B2H2S2P6L2M2J1E2A1,MSP,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00003488859000,0.00000556456700
C5B2H2S2P6L2M2J1E2A2,MSP,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00000970763400,0.00000055358400
C5B2H2S2P6L2M2J1E2A3,MSP,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00000774081300,0.00000778648700
C5B2H2S2P6L2M2J2E1A1,MSP,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00031563790000,0.00003038166000
C5B2H2S2P6L2M2J2E1A2,MSP,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00008385370000,0.00000455775300
C5B2H2S2P6L2M2J2E1A3,MSP,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00011565150000,0.00005649571000
C5B2H2S2P6L2M2J2E2A1,MSP,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00031563790000,0.00003038166000
C5B2H2S2P6L2M2J2E2A2,MSP,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00008385370000,0.00000455775300
C5B2H2S2P6L2M2J2E2A3,MSP,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00011565150000,0.00005649571000
C5B2H2S2P6L2M3J1E1A1,MSP,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000042550930,0.00000044630560
C5B2H2S2P6L2M3J1E1A2,MSP,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000012042310,0.00000002686434
C5B2H2S2P6L2M3J1E1A3,MSP,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000007475842,0.00000039734650
C5B2H2S2P6L2M3J1E2A1,MSP,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000042550930,0.00000044630560
C5B2H2S2P6L2M3J1E2A2,MSP,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000012042310,0.00000002686434
C5B2H2S2P6L2M3J1E2A3,MSP,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000007475842,0.00000039734650
C5B2H2S2P6L2M3J2E1A1,MSP,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00000483930400,0.00001214980000
C5B2H2S2P6L2M3J2E1A2,MSP,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000111320000,0.00000132499400
C5B2H2S2P6L2M3J2E1A3,MSP,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000112681800,0.00001797590000
C5B2H2S2P6L2M3J2E2A1,MSP,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00000483930400,0.00001214980000
C5B2H2S2P6L2M3J2E2A2,MSP,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000111320000,0.00000132499400
C5B2H2S2P6L2M3J2E2A3,MSP,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000112681800,0.00001797590000
C5B2H2S2P7L1M1J1E1A1,MSP,CL5Q,12,4,12,12,340,12,10,MEPDG,0.02764062000000,0.00026343960000
C5B2H2S2P7L1M1J1E1A2,MSP,CL5Q,12,4,12,12,340,12,10,MNAVG,0.00642923100000,0.00003352514000
C5B2H2S2P7L1M1J1E1A3,MSP,CL5Q,12,4,12,12,340,12,10,MNHVY,0.00795493800000,0.00045550640000
C5B2H2S2P7L1M1J1E2A1,MSP,CL5Q,12,4,12,12,340,12,40,MEPDG,0.00888798600000,0.00018303590000
C5B2H2S2P7L1M1J1E2A2,MSP,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00233896100000,0.00002322089000
C5B2H2S2P7L1M1J1E2A3,MSP,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00254455900000,0.00031178240000
C5B2H2S2P7L1M1J2E1A1,MSP,CL5Q,12,4,12,12,340,15,10,MEPDG,0.11766540000000,0.00086649150000
C5B2H2S2P7L1M1J2E1A2,MSP,CL5Q,12,4,12,12,340,15,10,MNAVG,0.03556932000000,0.00014323930000
C5B2H2S2P7L1M1J2E1A3,MSP,CL5Q,12,4,12,12,340,15,10,MNHVY,0.06594640000000,0.00172079400000
```

```
C5B2H2S2P7L1M1J2E2A1,MSP,CL5Q,12,4,12,12,340,15,40,MEPDG,0.04508256000000,0.00054875460000
C5B2H2S2P7L1M1J2E2A2,MSP,CL5Q,12,4,12,12,340,15,40,MNAVG,0.01509384000000,0.00009208616000
C5B2H2S2P7L1M1J2E2A3,MSP,CL5Q,12,4,12,12,340,15,40,MNHVY,0.02503261000000,0.00108499400000
C5B2H2S2P7L1M2J1E1A1,MSP,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00013969150000,0.00001959314000
C5B2H2S2P7L1M2J1E1A2,MSP,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00002809530000,0.00000169789400
C5B2H2S2P7L1M2J1E1A3,MSP,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00002277000000,0.00002515872000
C5B2H2S2P7L1M2J1E2A1,MSP,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00003101180000,0.00001301851000
C5B2H2S2P7L1M2J1E2A2,MSP,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00000790254000,0.00000108265100
C5B2H2S2P7L1M2J1E2A3,MSP,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00000579538600,0.00001592656000
C5B2H2S2P7L1M2J2E1A1,MSP,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00081466170000,0.00134008300000
C5B2H2S2P7L1M2J2E1A2,MSP,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00015306100000,0.00015631890000
C5B2H2S2P7L1M2J2E1A3,MSP,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00019414220000,0.00213634600000
C5B2H2S2P7L1M2J2E2A1,MSP,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00022292330000,0.00007102438000
C5B2H2S2P7L1M2J2E2A2,MSP,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00005082557000,0.00000934373800
C5B2H2S2P7L1M2J2E2A3,MSP,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00005736254000,0.00012348240000
C5B2H2S2P7L1M3J1E1A1,MSP,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000191427300,0.00000096308250
C5B2H2S2P7L1M3J1E1A2,MSP,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000034856570,0.00000005495660
C5B2H2S2P7L1M3J1E1A3,MSP,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000021577090,0.00000083289230
C5B2H2S2P7L1M3J1E2A1,MSP,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000036526860,0.00000069784280
C5B2H2S2P7L1M3J1E2A2,MSP,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000008659326,0.00000003639450
C5B2H2S2P7L1M3J1E2A3,MSP,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000005076512,0.00000054763710
C5B2H2S2P7L1M3J2E1A1,MSP,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00001233665000,0.00001101265000
C5B2H2S2P7L1M3J2E1A2,MSP,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000197517800,0.00000106476500
C5B2H2S2P7L1M3J2E1A3,MSP,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000179579300,0.00001543683000
C5B2H2S2P7L1M3J2E2A1,MSP,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00000261380600,0.00000754421200
C5B2H2S2P7L1M3J2E2A2,MSP,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000054094360,0.00000069563810
C5B2H2S2P7L1M3J2E2A3,MSP,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000044716420,0.00001000029000
C5B2H2S2P7L2M1J1E1A1,MSP,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00172587100000,0.00009452923000
C5B2H2S2P7L2M1J1E1A2,MSP,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00046661570000,0.00001214248000
C5B2H2S2P7L2M1J1E1A3,MSP,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00048803580000,0.00016220280000
C5B2H2S2P7L2M1J1E2A1,MSP,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00172587100000,0.00009452923000
C5B2H2S2P7L2M1J1E2A2,MSP,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00046661570000,0.00001214248000
C5B2H2S2P7L2M1J1E2A3,MSP,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00048803580000,0.00016220280000
C5B2H2S2P7L2M1J2E1A1,MSP,CL5Q,12,4,12,13,340,15,10,MEPDG,0.00980778800000,0.00030639090000
C5B2H2S2P7L2M1J2E1A2,MSP,CL5Q,12,4,12,13,340,15,10,MNAVG,0.00334386600000,0.00005233867000
C5B2H2S2P7L2M1J2E1A3,MSP,CL5Q,12,4,12,13,340,15,10,MNHVY,0.00541126600000,0.00060966940000
C5B2H2S2P7L2M1J2E2A1,MSP,CL5Q,12,4,12,13,340,15,40,MEPDG,0.00980778800000,0.00030639090000
C5B2H2S2P7L2M1J2E2A2,MSP,CL5Q,12,4,12,13,340,15,40,MNAVG,0.00334386600000,0.00005233867000
C5B2H2S2P7L2M1J2E2A3,MSP,CL5Q,12,4,12,13,340,15,40,MNHVY,0.00541126600000,0.00060966940000
C5B2H2S2P7L2M2J1E1A1,MSP,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00000510688200,0.00000570836900
C5B2H2S2P7L2M2J1E1A2,MSP,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000138070100,0.00000047695920
C5B2H2S2P7L2M2J1E1A3,MSP,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000098012290,0.00000700103400
C5B2H2S2P7L2M2J1E2A1,MSP,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00000510688200,0.00000570836900
C5B2H2S2P7L2M2J1E2A2,MSP,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000138070100,0.00000047695920
C5B2H2S2P7L2M2J1E2A3,MSP,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000098012290,0.00000700103400
C5B2H2S2P7L2M2J2E1A1,MSP,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00004091641000,0.00003893711000
C5B2H2S2P7L2M2J2E1A2,MSP,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00000976202600,0.00000519482300
C5B2H2S2P7L2M2J2E1A3,MSP,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00001063832000,0.00006820406000
C5B2H2S2P7L2M2J2E2A1,MSP,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00004091641000,0.00003893711000
C5B2H2S2P7L2M2J2E2A2,MSP,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00000976202600,0.00000519482300
```

```
C5B2H2S2P7L2M2J2E2A3,MSP,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00001063832000,0.00006820406000
C5B2H2S2P7L2M3J1E1A1,MSP,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000005401687,0.00000028979460
C5B2H2S2P7L2M3J1E1A2,MSP,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000001383460,0.00000001488053
C5B2H2S2P7L2M3J1E1A3,MSP,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000000788145,0.00000022351850
C5B2H2S2P7L2M3J1E2A1,MSP,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000005401687,0.00000028979460
C5B2H2S2P7L2M3J1E2A2,MSP,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000001383460,0.00000001488053
C5B2H2S2P7L2M3J1E2A3,MSP,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000000788145,0.00000022351850
C5B2H2S2P7L2M3J2E1A1,MSP,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000042751200,0.00000363526200
C5B2H2S2P7L2M3J2E1A2,MSP,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000009436727,0.00000033645860
C5B2H2S2P7L2M3J2E1A3,MSP,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000007565087,0.00000482097000
C5B2H2S2P7L2M3J2E2A1,MSP,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000042751200,0.00000363526200
C5B2H2S2P7L2M3J2E2A2,MSP,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000009436727,0.00000033645860
C5B2H2S2P7L2M3J2E2A3,MSP,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000007565087,0.00000482097000
C5B3H1S1P1L1M1J1E1A1,MSP,OGAB,4,12,6,12,340,12,10,MEPDG,92.53446000000000,0.98707090000000
C5B3H1S1P1L1M1J1E1A2,MSP,OGAB,4,12,6,12,340,12,10,MNAVG,74.43412000000000,0.09595085000000
C5B3H1S1P1L1M1J1E1A3,MSP,OGAB,4,12,6,12,340,12,10,MNHVY,128.61830000000000,1.20568100000000
C5B3H1S1P1L1M1J1E2A1,MSP,OGAB,4,12,6,12,340,12,40,MEPDG,56.20041000000000,0.54789810000000
C5B3H1S1P1L1M1J1E2A2,MSP,OGAB,4,12,6,12,340,12,40,MNAVG,42.33822000000000,0.05060945000000
C5B3H1S1P1L1M1J1E2A3,MSP,OGAB,4,12,6,12,340,12,40,MNHVY,75.08795000000000,0.64194140000000
C5B3H1S1P1L1M1J2E1A1,MSP,OGAB,4,12,6,12,340,15,10,MEPDG,106.25200000000000,0.71564020000000
C5B3H1S1P1L1M1J2E1A2,MSP,OGAB,4,12,6,12,340,15,10,MNAVG,87.57096000000000,0.10813510000000
C5B3H1S1P1L1M1J2E1A3,MSP,OGAB,4,12,6,12,340,15,10,MNHVY,153.33150000000000,1.17035700000000
C5B3H1S1P1L1M1J2E2A1,MSP,OGAB,4,12,6,12,340,15,40,MEPDG,65.69956000000000,0.39203940000000
C5B3H1S1P1L1M1J2E2A2,MSP,OGAB,4,12,6,12,340,15,40,MNAVG,51.05510000000000,0.05964395000000
C5B3H1S1P1L1M1J2E2A3,MSP,OGAB,4,12,6,12,340,15,40,MNHVY,91.88296000000000,0.64359720000000
C5B3H1S1P1L1M2J1E1A1,MSP,OGAB,4,12,6,12,590,12,10,MEPDG,6.00840200000000,0.09932396000000
C5B3H1S1P1L1M2J1E1A2,MSP,OGAB,4,12,6,12,590,12,10,MNAVG,3.61107300000000,0.00875579100000
C5B3H1S1P1L1M2J1E1A3,MSP,OGAB,4,12,6,12,590,12,10,MNHVY,5.59318400000000,0.10595870000000
C5B3H1S1P1L1M2J1E2A1,MSP,OGAB,4,12,6,12,590,12,40,MEPDG,3.10915900000000,0.05107094000000
C5B3H1S1P1L1M2J1E2A2,MSP,OGAB,4,12,6,12,590,12,40,MNAVG,1.77728200000000,0.00389772700000
C5B3H1S1P1L1M2J1E2A3,MSP,OGAB,4,12,6,12,590,12,40,MNHVY,2.72219400000000,0.04870707000000
C5B3H1S1P1L1M2J2E1A1,MSP,OGAB,4,12,6,12,590,15,10,MEPDG,8.74800000000000,0.16025750000000
C5B3H1S1P1L1M2J2E1A2,MSP,OGAB,4,12,6,12,590,15,10,MNAVG,5.83277600000000,0.02431171000000
C5B3H1S1P1L1M2J2E1A3,MSP,OGAB,4,12,6,12,590,15,10,MNHVY,9.65915000000000,0.25524090000000
C5B3H1S1P1L1M2J2E2A1,MSP,OGAB,4,12,6,12,590,15,40,MEPDG,4.76307800000000,0.07932894000000
C5B3H1S1P1L1M2J2E2A2,MSP,OGAB,4,12,6,12,590,15,40,MNAVG,3.08126900000000,0.01153292000000
C5B3H1S1P1L1M2J2E2A3,MSP,OGAB,4,12,6,12,590,15,40,MNHVY,5.09976700000000,0.12363190000000
C5B3H1S1P1L1M3J1E1A1,MSP,OGAB,4,12,6,12,840,12,10,MEPDG,0.68799090000000,0.01138086000000
C5B3H1S1P1L1M3J1E1A2,MSP,OGAB,4,12,6,12,840,12,10,MNAVG,0.30957320000000,0.00078490310000
C5B3H1S1P1L1M3J1E1A3,MSP,OGAB,4,12,6,12,840,12,10,MNHVY,0.44264680000000,0.00981492000000
C5B3H1S1P1L1M3J1E2A1,MSP,OGAB,4,12,6,12,840,12,40,MEPDG,0.30865580000000,0.00558661700000
C5B3H1S1P1L1M3J1E2A2,MSP,OGAB,4,12,6,12,840,12,40,MNAVG,0.13524970000000,0.00031186330000
C5B3H1S1P1L1M3J1E2A3,MSP,OGAB,4,12,6,12,840,12,40,MNHVY,0.18522720000000,0.00399843400000
C5B3H1S1P1L1M3J2E1A1,MSP,OGAB,4,12,6,12,840,15,10,MEPDG,1.30249900000000,0.03145194000000
C5B3H1S1P1L1M3J2E1A2,MSP,OGAB,4,12,6,12,840,15,10,MNAVG,0.72187210000000,0.00439300600000
C5B3H1S1P1L1M3J2E1A3,MSP,OGAB,4,12,6,12,840,15,10,MNHVY,1.20053900000000,0.04729051000000
C5B3H1S1P1L1M3J2E2A1,MSP,OGAB,4,12,6,12,840,15,40,MEPDG,0.63335570000000,0.01392736000000
C5B3H1S1P1L1M3J2E2A2,MSP,OGAB,4,12,6,12,840,15,40,MNAVG,0.35094820000000,0.00177394900000
C5B3H1S1P1L1M3J2E2A3,MSP,OGAB,4,12,6,12,840,15,40,MNHVY,0.56914630000000,0.01977241000000
C5B3H1S1P1L2M1J1E1A1,MSP,OGAB,4,12,6,13,340,12,10,MEPDG,14.19151000000000,0.18386690000000
```

```
C5B3H1S1P1L2M1J1E1A2,MSP,OGAB,4,12,6,13,340,12,10,MNAVG,10.23553000000000,0.01760910000000
C5B3H1S1P1L2M1J1E1A3,MSP,OGAB,4,12,6,13,340,12,10,MNHVY,18.38589000000000,0.21775030000000
C5B3H1S1P1L2M1J1E2A1,MSP,OGAB,4,12,6,13,340,12,40,MEPDG,14.19151000000000,0.18386690000000
C5B3H1S1P1L2M1J1E2A2,MSP,OGAB,4,12,6,13,340,12,40,MNAVG,10.23553000000000,0.01760910000000
C5B3H1S1P1L2M1J1E2A3,MSP,OGAB,4,12,6,13,340,12,40,MNHVY,18.38589000000000,0.21775030000000
C5B3H1S1P1L2M1J2E1A1,MSP,OGAB,4,12,6,13,340,15,10,MEPDG,16.89008000000000,0.15368780000000
C5B3H1S1P1L2M1J2E1A2,MSP,OGAB,4,12,6,13,340,15,10,MNAVG,12.65627000000000,0.02487027000000
C5B3H1S1P1L2M1J2E1A3,MSP,OGAB,4,12,6,13,340,15,10,MNHVY,23.04056000000000,0.25783160000000
C5B3H1S1P1L2M1J2E2A1,MSP,OGAB,4,12,6,13,340,15,40,MEPDG,16.89008000000000,0.15368780000000
C5B3H1S1P1L2M1J2E2A2,MSP,OGAB,4,12,6,13,340,15,40,MNAVG,12.65627000000000,0.02487027000000
C5B3H1S1P1L2M1J2E2A3,MSP,OGAB,4,12,6,13,340,15,40,MNHVY,23.04056000000000,0.25783160000000
C5B3H1S1P1L2M2J1E1A1,MSP,OGAB,4,12,6,13,590,12,10,MEPDG,0.73036490000000,0.01666153000000
C5B3H1S1P1L2M2J1E1A2,MSP,OGAB,4,12,6,13,590,12,10,MNAVG,0.40029140000000,0.00131099400000
C5B3H1S1P1L2M2J1E1A3,MSP,OGAB,4,12,6,13,590,12,10,MNHVY,0.61820890000000,0.01612900000000
C5B3H1S1P1L2M2J1E2A1,MSP,OGAB,4,12,6,13,590,12,40,MEPDG,0.73036490000000,0.01666153000000
C5B3H1S1P1L2M2J1E2A2,MSP,OGAB,4,12,6,13,590,12,40,MNAVG,0.40029140000000,0.00131099400000
C5B3H1S1P1L2M2J1E2A3,MSP,OGAB,4,12,6,13,590,12,40,MNHVY,0.61820890000000,0.01612900000000
C5B3H1S1P1L2M2J2E1A1,MSP,OGAB,4,12,6,13,590,15,10,MEPDG,1.16810500000000,0.03118070000000
C5B3H1S1P1L2M2J2E1A2,MSP,OGAB,4,12,6,13,590,15,10,MNAVG,0.73824450000000,0.00482920100000
C5B3H1S1P1L2M2J2E1A3,MSP,OGAB,4,12,6,13,590,15,10,MNHVY,1.23491800000000,0.05003461000000
C5B3H1S1P1L2M2J2E2A1,MSP,OGAB,4,12,6,13,590,15,40,MEPDG,1.16810500000000,0.03118070000000
C5B3H1S1P1L2M2J2E2A2,MSP,OGAB,4,12,6,13,590,15,40,MNAVG,0.73824450000000,0.00482920100000
C5B3H1S1P1L2M2J2E2A3,MSP,OGAB,4,12,6,13,590,15,40,MNHVY,1.23491800000000,0.05003461000000
C5B3H1S1P1L2M3J1E1A1,MSP,OGAB,4,12,6,13,840,12,10,MEPDG,0.06805379000000,0.00172874400000
C5B3H1S1P1L2M3J1E1A2,MSP,OGAB,4,12,6,13,840,12,10,MNAVG,0.02888353000000,0.00009604020000
C5B3H1S1P1L2M3J1E1A3,MSP,OGAB,4,12,6,13,840,12,10,MNHVY,0.03946380000000,0.00122863500000
C5B3H1S1P1L2M3J1E2A1,MSP,OGAB,4,12,6,13,840,12,40,MEPDG,0.06805379000000,0.00172874400000
C5B3H1S1P1L2M3J1E2A2,MSP,OGAB,4,12,6,13,840,12,40,MNAVG,0.02888353000000,0.00009604020000
C5B3H1S1P1L2M3J1E2A3,MSP,OGAB,4,12,6,13,840,12,40,MNHVY,0.03946380000000,0.00122863500000
C5B3H1S1P1L2M3J2E1A1,MSP,OGAB,4,12,6,13,840,15,10,MEPDG,0.14894010000000,0.00514201600000
C5B3H1S1P1L2M3J2E1A2,MSP,OGAB,4,12,6,13,840,15,10,MNAVG,0.08169384000000,0.00068714310000
C5B3H1S1P1L2M3J2E1A3,MSP,OGAB,4,12,6,13,840,15,10,MNHVY,0.13349740000000,0.00750808200000
C5B3H1S1P1L2M3J2E2A1,MSP,OGAB,4,12,6,13,840,15,40,MEPDG,0.14894010000000,0.00514201600000
C5B3H1S1P1L2M3J2E2A2,MSP,OGAB,4,12,6,13,840,15,40,MNAVG,0.08169384000000,0.00068714310000
C5B3H1S1P1L2M3J2E2A3,MSP,OGAB,4,12,6,13,840,15,40,MNHVY,0.13349740000000,0.00750808200000
C5B3H1S1P2L1M1J1E1A1,MSP,OGAB,4,12,7,12,340,12,10,MEPDG,31.73022000000000,0.72181360000000
C5B3H1S1P2L1M1J1E1A2,MSP,OGAB,4,12,7,12,340,12,10,MNAVG,22.38098000000000,0.08208691000000
C5B3H1S1P2L1M1J1E1A3,MSP,OGAB,4,12,7,12,340,12,10,MNHVY,37.46938000000000,0.97642220000000
C5B3H1S1P2L1M1J1E2A1,MSP,OGAB,4,12,7,12,340,12,40,MEPDG,17.80784000000000,0.39672940000000
C5B3H1S1P2L1M1J1E2A2,MSP,OGAB,4,12,7,12,340,12,40,MNAVG,12.00331000000000,0.04128022000000
C5B3H1S1P2L1M1J1E2A3,MSP,OGAB,4,12,7,12,340,12,40,MNHVY,20.01178000000000,0.50244490000000
C5B3H1S1P2L1M1J2E1A1,MSP,OGAB,4,12,7,12,340,15,10,MEPDG,43.68168000000000,0.88797340000000
C5B3H1S1P2L1M1J2E1A2,MSP,OGAB,4,12,7,12,340,15,10,MNAVG,33.07827000000000,0.14868060000000
C5B3H1S1P2L1M1J2E1A3,MSP,OGAB,4,12,7,12,340,15,10,MNHVY,57.63248000000000,1.54220100000000
C5B3H1S1P2L1M1J2E2A1,MSP,OGAB,4,12,7,12,340,15,40,MEPDG,25.56711000000000,0.48765250000000
C5B3H1S1P2L1M1J2E2A2,MSP,OGAB,4,12,7,12,340,15,40,MNAVG,18.77767000000000,0.08067168000000
C5B3H1S1P2L1M1J2E2A3,MSP,OGAB,4,12,7,12,340,15,40,MNHVY,32.79904000000000,0.84069670000000
C5B3H1S1P2L1M2J1E1A1,MSP,OGAB,4,12,7,12,590,12,10,MEPDG,1.46573400000000,0.04135359000000
C5B3H1S1P2L1M2J1E1A2,MSP,OGAB,4,12,7,12,590,12,10,MNAVG,0.68048040000000,0.00400747900000
C5B3H1S1P2L1M2J1E1A3,MSP,OGAB,4,12,7,12,590,12,10,MNHVY,1.03485300000000,0.04856657000000
```

```
C5B3H1S1P2L1M2J1E2A1,MSP,OGAB,4,12,7,12,590,12,40,MEPDG,0.67076370000000,0.02094867000000
C5B3H1S1P2L1M2J1E2A2,MSP,OGAB,4,12,7,12,590,12,40,MNAVG,0.30594330000000,0.00174619900000
C5B3H1S1P2L1M2J1E2A3,MSP,OGAB,4,12,7,12,590,12,40,MNHVY,0.44146500000000,0.02157810000000
C5B3H1S1P2L1M2J2E1A1,MSP,OGAB,4,12,7,12,590,15,10,MEPDG,2.95298900000000,0.11301120000000
C5B3H1S1P2L1M2J2E1A2,MSP,OGAB,4,12,7,12,590,15,10,MNAVG,1.68754000000000,0.01859119000000
C5B3H1S1P2L1M2J2E1A3,MSP,OGAB,4,12,7,12,590,15,10,MNHVY,2.96264100000000,0.19197160000000
C5B3H1S1P2L1M2J2E2A1,MSP,OGAB,4,12,7,12,590,15,40,MEPDG,1.47473100000000,0.05490702000000
C5B3H1S1P2L1M2J2E2A2,MSP,OGAB,4,12,7,12,590,15,40,MNAVG,0.85123910000000,0.00858926000000
C5B3H1S1P2L1M2J2E2A3,MSP,OGAB,4,12,7,12,590,15,40,MNHVY,1.44544000000000,0.09043020000000
C5B3H1S1P2L1M3J1E1A1,MSP,OGAB,4,12,7,12,840,12,10,MEPDG,0.11904670000000,0.00275318200000
C5B3H1S1P2L1M3J1E1A2,MSP,OGAB,4,12,7,12,840,12,10,MNAVG,0.03955796000000,0.00019370840000
C5B3H1S1P2L1M3J1E1A3,MSP,OGAB,4,12,7,12,840,12,10,MNHVY,0.05338887000000,0.00250560400000
C5B3H1S1P2L1M3J1E2A1,MSP,OGAB,4,12,7,12,840,12,40,MEPDG,0.04580396000000,0.00133030900000
C5B3H1S1P2L1M3J1E2A2,MSP,OGAB,4,12,7,12,840,12,40,MNAVG,0.01569601000000,0.00007563520000
C5B3H1S1P2L1M3J1E2A3,MSP,OGAB,4,12,7,12,840,12,40,MNHVY,0.01952418000000,0.00099292230000
C5B3H1S1P2L1M3J2E1A1,MSP,OGAB,4,12,7,12,840,15,10,MEPDG,0.34723320000000,0.01322930000000
C5B3H1S1P2L1M3J2E1A2,MSP,OGAB,4,12,7,12,840,15,10,MNAVG,0.15481740000000,0.00189186500000
C5B3H1S1P2L1M3J2E1A3,MSP,OGAB,4,12,7,12,840,15,10,MNHVY,0.28219940000000,0.02082150000000
C5B3H1S1P2L1M3J2E2A1,MSP,OGAB,4,12,7,12,840,15,40,MEPDG,0.14949270000000,0.00580485700000
C5B3H1S1P2L1M3J2E2A2,MSP,OGAB,4,12,7,12,840,15,40,MNAVG,0.06946315000000,0.00076084720000
C5B3H1S1P2L1M3J2E2A3,MSP,OGAB,4,12,7,12,840,15,40,MNHVY,0.11817570000000,0.00855362100000
C5B3H1S1P2L2M1J1E1A1,MSP,OGAB,4,12,7,13,340,12,10,MEPDG,4.38425700000000,0.14114770000000
C5B3H1S1P2L2M1J1E1A2,MSP,OGAB,4,12,7,13,340,12,10,MNAVG,2.83970000000000,0.01531844000000
C5B3H1S1P2L2M1J1E1A3,MSP,OGAB,4,12,7,13,340,12,10,MNHVY,4.76688100000000,0.18197380000000
C5B3H1S1P2L2M1J1E2A1,MSP,OGAB,4,12,7,13,340,12,40,MEPDG,4.38425700000000,0.14114770000000
C5B3H1S1P2L2M1J1E2A2,MSP,OGAB,4,12,7,13,340,12,40,MNAVG,2.83970000000000,0.01531844000000
C5B3H1S1P2L2M1J1E2A3,MSP,OGAB,4,12,7,13,340,12,40,MNHVY,4.76688100000000,0.18197380000000
C5B3H1S1P2L2M1J2E1A1,MSP,OGAB,4,12,7,13,340,15,10,MEPDG,6.55989000000000,0.20643060000000
C5B3H1S1P2L2M1J2E1A2,MSP,OGAB,4,12,7,13,340,15,10,MNAVG,4.70637400000000,0.03628654000000
C5B3H1S1P2L2M1J2E1A3,MSP,OGAB,4,12,7,13,340,15,10,MNHVY,8.27354500000000,0.36319940000000
C5B3H1S1P2L2M1J2E2A1,MSP,OGAB,4,12,7,13,340,15,40,MEPDG,6.55989000000000,0.20643060000000
C5B3H1S1P2L2M1J2E2A2,MSP,OGAB,4,12,7,13,340,15,40,MNAVG,4.70637400000000,0.03628654000000
C5B3H1S1P2L2M1J2E2A3,MSP,OGAB,4,12,7,13,340,15,40,MNHVY,8.27354500000000,0.36319940000000
C5B3H1S1P2L2M2J1E1A1,MSP,OGAB,4,12,7,13,590,12,10,MEPDG,0.15062780000000,0.00702960300000
C5B3H1S1P2L2M2J1E1A2,MSP,OGAB,4,12,7,13,590,12,10,MNAVG,0.06665072000000,0.00059962940000
C5B3H1S1P2L2M2J1E1A3,MSP,OGAB,4,12,7,13,590,12,10,MNHVY,0.09567250000000,0.00733879200000
C5B3H1S1P2L2M2J1E2A1,MSP,OGAB,4,12,7,13,590,12,40,MEPDG,0.15062780000000,0.00702960300000
C5B3H1S1P2L2M2J1E2A2,MSP,OGAB,4,12,7,13,590,12,40,MNAVG,0.06665072000000,0.00059962940000
C5B3H1S1P2L2M2J1E2A3,MSP,OGAB,4,12,7,13,590,12,40,MNHVY,0.09567250000000,0.00733879200000
C5B3H1S1P2L2M2J2E1A1,MSP,OGAB,4,12,7,13,590,15,10,MEPDG,0.35646900000000,0.02236435000000
C5B3H1S1P2L2M2J2E1A2,MSP,OGAB,4,12,7,13,590,15,10,MNAVG,0.20454190000000,0.00366843900000
C5B3H1S1P2L2M2J2E1A3,MSP,OGAB,4,12,7,13,590,15,10,MNHVY,0.34848900000000,0.03774978000000
C5B3H1S1P2L2M2J2E2A1,MSP,OGAB,4,12,7,13,590,15,40,MEPDG,0.35646900000000,0.02236435000000
C5B3H1S1P2L2M2J2E2A2,MSP,OGAB,4,12,7,13,590,15,40,MNAVG,0.20454190000000,0.00366843900000
C5B3H1S1P2L2M2J2E2A3,MSP,OGAB,4,12,7,13,590,15,40,MNHVY,0.34848900000000,0.03774978000000
C5B3H1S1P2L2M3J1E1A1,MSP,OGAB,4,12,7,13,840,12,10,MEPDG,0.00948375000000,0.00041965190000
C5B3H1S1P2L2M3J1E1A2,MSP,OGAB,4,12,7,13,840,12,10,MNAVG,0.00321923000000,0.00002370769000
C5B3H1S1P2L2M3J1E1A3,MSP,OGAB,4,12,7,13,840,12,10,MNHVY,0.00392362800000,0.00030976290000
C5B3H1S1P2L2M3J1E2A1,MSP,OGAB,4,12,7,13,840,12,40,MEPDG,0.00948375000000,0.00041965190000
C5B3H1S1P2L2M3J1E2A2,MSP,OGAB,4,12,7,13,840,12,40,MNAVG,0.00321923000000,0.00002370769000
```

```
C5B3H1S1P2L2M3J1E2A3,MSP,OGAB,4,12,7,13,840,12,40,MNHVY,0.00392362800000,0.00030976290000
C5B3H1S1P2L2M3J2E1A1,MSP,OGAB,4,12,7,13,840,15,10,MEPDG,0.03396418000000,0.00218779100000
C5B3H1S1P2L2M3J2E1A2,MSP,OGAB,4,12,7,13,840,15,10,MNAVG,0.01581217000000,0.00029514650000
C5B3H1S1P2L2M3J2E1A3,MSP,OGAB,4,12,7,13,840,15,10,MNHVY,0.02682108000000,0.00329366700000
C5B3H1S1P2L2M3J2E2A1,MSP,OGAB,4,12,7,13,840,15,40,MEPDG,0.03396418000000,0.00218779100000
C5B3H1S1P2L2M3J2E2A2,MSP,OGAB,4,12,7,13,840,15,40,MNAVG,0.01581217000000,0.00029514650000
C5B3H1S1P2L2M3J2E2A3,MSP,OGAB,4,12,7,13,840,15,40,MNHVY,0.02682108000000,0.00329366700000
C5B3H1S1P3L1M1J1E1A1,MSP,OGAB,4,12,8,12,340,12,10,MEPDG,10.52033000000000,0.49032480000000
C5B3H1S1P3L1M1J1E1A2,MSP,OGAB,4,12,8,12,340,12,10,MNAVG,6.13848600000000,0.06242268000000
C5B3H1S1P3L1M1J1E1A3,MSP,OGAB,4,12,8,12,340,12,10,MNHVY,10.11997000000000,0.72771940000000
C5B3H1S1P3L1M1J1E2A1,MSP,OGAB,4,12,8,12,340,12,40,MEPDG,5.38272300000000,0.26473470000000
C5B3H1S1P3L1M1J1E2A2,MSP,OGAB,4,12,8,12,340,12,40,MNAVG,3.06392800000000,0.03080752000000
C5B3H1S1P3L1M1J1E2A3,MSP,OGAB,4,12,8,12,340,12,40,MNHVY,4.86467100000000,0.36558260000000
C5B3H1S1P3L1M1J2E1A1,MSP,OGAB,4,12,8,12,340,15,10,MEPDG,17.93492000000000,0.89081040000000
C5B3H1S1P3L1M1J2E1A2,MSP,OGAB,4,12,8,12,340,15,10,MNAVG,11.97570000000000,0.16051320000000
C5B3H1S1P3L1M1J2E1A3,MSP,OGAB,4,12,8,12,340,15,10,MNHVY,21.41114000000000,1.62797000000000
C5B3H1S1P3L1M1J2E2A1,MSP,OGAB,4,12,8,12,340,15,40,MEPDG,9.81409500000000,0.48381880000000
C5B3H1S1P3L1M1J2E2A2,MSP,OGAB,4,12,8,12,340,15,40,MNAVG,6.53532900000000,0.08530736000000
C5B3H1S1P3L1M1J2E2A3,MSP,OGAB,4,12,8,12,340,15,40,MNHVY,11.41448000000000,0.87142220000000
C5B3H1S1P3L1M2J1E1A1,MSP,OGAB,4,12,8,12,590,12,10,MEPDG,0.31491280000000,0.01564890000000
C5B3H1S1P3L1M2J1E1A2,MSP,OGAB,4,12,8,12,590,12,10,MNAVG,0.10812440000000,0.00162894500000
C5B3H1S1P3L1M2J1E1A3,MSP,OGAB,4,12,8,12,590,12,10,MNHVY,0.15584200000000,0.02012035000000
C5B3H1S1P3L1M2J1E2A1,MSP,OGAB,4,12,8,12,590,12,40,MEPDG,0.12591530000000,0.00771370000000
C5B3H1S1P3L1M2J1E2A2,MSP,OGAB,4,12,8,12,590,12,40,MNAVG,0.04433209000000,0.00069001670000
C5B3H1S1P3L1M2J1E2A3,MSP,OGAB,4,12,8,12,590,12,40,MNHVY,0.05841550000000,0.00868260500000
C5B3H1S1P3L1M2J2E1A1,MSP,OGAB,4,12,8,12,590,15,10,MEPDG,0.86789790000000,0.06593926000000
C5B3H1S1P3L1M2J2E1A2,MSP,OGAB,4,12,8,12,590,15,10,MNAVG,0.39576920000000,0.01110966000000
C5B3H1S1P3L1M2J2E1A3,MSP,OGAB,4,12,8,12,590,15,10,MNHVY,0.73234690000000,0.11762950000000
C5B3H1S1P3L1M2J2E2A1,MSP,OGAB,4,12,8,12,590,15,40,MEPDG,0.38883660000000,0.03169950000000
C5B3H1S1P3L1M2J2E2A2,MSP,OGAB,4,12,8,12,590,15,40,MNAVG,0.18501380000000,0.00509597100000
C5B3H1S1P3L1M2J2E2A3,MSP,OGAB,4,12,8,12,590,15,40,MNHVY,0.31950720000000,0.05454597000000
C5B3H1S1P3L1M3J1E1A1,MSP,OGAB,4,12,8,12,840,12,10,MEPDG,0.01737599000000,0.00065641730000
C5B3H1S1P3L1M3J1E1A2,MSP,OGAB,4,12,8,12,840,12,10,MNAVG,0.00451742300000,0.00004821886000
C5B3H1S1P3L1M3J1E1A3,MSP,OGAB,4,12,8,12,840,12,10,MNHVY,0.00526083600000,0.00063094810000
C5B3H1S1P3L1M3J1E2A1,MSP,OGAB,4,12,8,12,840,12,40,MEPDG,0.00556685700000,0.00031073370000
C5B3H1S1P3L1M3J1E2A2,MSP,OGAB,4,12,8,12,840,12,40,MNAVG,0.00160116500000,0.00001854015000
C5B3H1S1P3L1M3J1E2A3,MSP,OGAB,4,12,8,12,840,12,40,MNHVY,0.00166479600000,0.00024784650000
C5B3H1S1P3L1M3J2E1A1,MSP,OGAB,4,12,8,12,840,15,10,MEPDG,0.07327070000000,0.00504234200000
C5B3H1S1P3L1M3J2E1A2,MSP,OGAB,4,12,8,12,840,15,10,MNAVG,0.02425390000000,0.00071191670000
C5B3H1S1P3L1M3J2E1A3,MSP,OGAB,4,12,8,12,840,15,10,MNHVY,0.04524666000000,0.00822855200000
C5B3H1S1P3L1M3J2E2A1,MSP,OGAB,4,12,8,12,840,15,40,MEPDG,0.02728502000000,0.00221639600000
C5B3H1S1P3L1M3J2E2A2,MSP,OGAB,4,12,8,12,840,15,40,MNAVG,0.00977287300000,0.00028863180000
C5B3H1S1P3L1M3J2E2A3,MSP,OGAB,4,12,8,12,840,15,40,MNHVY,0.01627378000000,0.00338337000000
C5B3H1S1P3L2M1J1E1A1,MSP,OGAB,4,12,8,13,340,12,10,MEPDG,1.28051000000000,0.09834062000000
C5B3H1S1P3L2M1J1E1A2,MSP,OGAB,4,12,8,13,340,12,10,MNAVG,0.70360860000000,0.01188970000000
C5B3H1S1P3L2M1J1E1A3,MSP,OGAB,4,12,8,13,340,12,10,MNHVY,1.11517500000000,0.13857640000000
C5B3H1S1P3L2M1J1E2A1,MSP,OGAB,4,12,8,13,340,12,40,MEPDG,1.28051000000000,0.09834062000000
C5B3H1S1P3L2M1J1E2A2,MSP,OGAB,4,12,8,13,340,12,40,MNAVG,0.70360860000000,0.01188970000000
C5B3H1S1P3L2M1J1E2A3,MSP,OGAB,4,12,8,13,340,12,40,MNHVY,1.11517500000000,0.13857640000000
C5B3H1S1P3L2M1J2E1A1,MSP,OGAB,4,12,8,13,340,15,10,MEPDG,2.48623800000000,0.21541900000000
```

```
C5B3H1S1P3L2M1J2E1A2,MSP,OGAB,4,12,8,13,340,15,10,MNAVG,1.63493100000000,0.03999737000000
C5B3H1S1P3L2M1J2E1A3,MSP,OGAB,4,12,8,13,340,15,10,MNHVY,2.85830600000000,0.39502560000000
C5B3H1S1P3L2M1J2E2A1,MSP,OGAB,4,12,8,13,340,15,40,MEPDG,2.48623800000000,0.21541900000000
C5B3H1S1P3L2M1J2E2A2,MSP,OGAB,4,12,8,13,340,15,40,MNAVG,1.63493100000000,0.03999737000000
C5B3H1S1P3L2M1J2E2A3,MSP,OGAB,4,12,8,13,340,15,40,MNHVY,2.85830600000000,0.39502560000000
C5B3H1S1P3L2M2J1E1A1,MSP,OGAB,4,12,8,13,590,12,10,MEPDG,0.02666048000000,0.00266301700000
C5B3H1S1P3L2M2J1E1A2,MSP,OGAB,4,12,8,13,590,12,10,MNAVG,0.00926011900000,0.00024447740000
C5B3H1S1P3L2M2J1E1A3,MSP,OGAB,4,12,8,13,590,12,10,MNHVY,0.01193358000000,0.00304024900000
C5B3H1S1P3L2M2J1E2A1,MSP,OGAB,4,12,8,13,590,12,40,MEPDG,0.02666048000000,0.00266301700000
C5B3H1S1P3L2M2J1E2A2,MSP,OGAB,4,12,8,13,590,12,40,MNAVG,0.00926011900000,0.00024447740000
C5B3H1S1P3L2M2J1E2A3,MSP,OGAB,4,12,8,13,590,12,40,MNHVY,0.01193358000000,0.00304024900000
C5B3H1S1P3L2M2J2E1A1,MSP,OGAB,4,12,8,13,590,15,10,MEPDG,0.09044764000000,0.01330827000000
C5B3H1S1P3L2M2J2E1A2,MSP,OGAB,4,12,8,13,590,15,10,MNAVG,0.04312366000000,0.00221723900000
C5B3H1S1P3L2M2J2E1A3,MSP,OGAB,4,12,8,13,590,15,10,MNHVY,0.07400244000000,0.02339148000000
C5B3H1S1P3L2M2J2E2A1,MSP,OGAB,4,12,8,13,590,15,40,MEPDG,0.09044764000000,0.01330827000000
C5B3H1S1P3L2M2J2E2A2,MSP,OGAB,4,12,8,13,590,15,40,MNAVG,0.04312366000000,0.00221723900000
C5B3H1S1P3L2M2J2E2A3,MSP,OGAB,4,12,8,13,590,15,40,MNHVY,0.07400244000000,0.02339148000000
C5B3H1S1P3L2M3J1E1A1,MSP,OGAB,4,12,8,13,840,12,10,MEPDG,0.00106990700000,0.00010019520000
C5B3H1S1P3L2M3J1E1A2,MSP,OGAB,4,12,8,13,840,12,10,MNAVG,0.00031365720000,0.00000597424600
C5B3H1S1P3L2M3J1E1A3,MSP,OGAB,4,12,8,13,840,12,10,MNHVY,0.00031529800000,0.00007940111000
C5B3H1S1P3L2M3J1E2A1,MSP,OGAB,4,12,8,13,840,12,40,MEPDG,0.00106990700000,0.00010019520000
C5B3H1S1P3L2M3J1E2A2,MSP,OGAB,4,12,8,13,840,12,40,MNAVG,0.00031365720000,0.00000597424600
C5B3H1S1P3L2M3J1E2A3,MSP,OGAB,4,12,8,13,840,12,40,MNHVY,0.00031529800000,0.00007940111000
C5B3H1S1P3L2M3J2E1A1,MSP,OGAB,4,12,8,13,840,15,10,MEPDG,0.00580361500000,0.00086113490000
C5B3H1S1P3L2M3J2E1A2,MSP,OGAB,4,12,8,13,840,15,10,MNAVG,0.00209667900000,0.00011536990000
C5B3H1S1P3L2M3J2E1A3,MSP,OGAB,4,12,8,13,840,15,10,MNHVY,0.00342125400000,0.00133937400000
C5B3H1S1P3L2M3J2E2A1,MSP,OGAB,4,12,8,13,840,15,40,MEPDG,0.00580361500000,0.00086113490000
C5B3H1S1P3L2M3J2E2A2,MSP,OGAB,4,12,8,13,840,15,40,MNAVG,0.00209667900000,0.00011536990000
C5B3H1S1P3L2M3J2E2A3,MSP,OGAB,4,12,8,13,840,15,40,MNHVY,0.00342125400000,0.00133937400000
C5B3H1S1P4L1M1J1E1A1,MSP,OGAB,4,12,9,12,340,12,10,MEPDG,3.08277900000000,0.27772860000000
C5B3H1S1P4L1M1J1E1A2,MSP,OGAB,4,12,9,12,340,12,10,MNAVG,1.40443600000000,0.03621300000000
C5B3H1S1P4L1M1J1E1A3,MSP,OGAB,4,12,9,12,340,12,10,MNHVY,2.25200200000000,0.43339630000000
C5B3H1S1P4L1M1J1E2A1,MSP,OGAB,4,12,9,12,340,12,40,MEPDG,1.41837200000000,0.14828750000000
C5B3H1S1P4L1M1J1E2A2,MSP,OGAB,4,12,9,12,340,12,40,MNAVG,0.64252570000000,0.01775832000000
C5B3H1S1P4L1M1J1E2A3,MSP,OGAB,4,12,9,12,340,12,40,MNHVY,0.95874630000000,0.21479140000000
C5B3H1S1P4L1M1J2E1A1,MSP,OGAB,4,12,9,12,340,15,10,MEPDG,6.66734300000000,0.68789020000000
C5B3H1S1P4L1M1J2E1A2,MSP,OGAB,4,12,9,12,340,15,10,MNAVG,3.76049400000000,0.12465340000000
C5B3H1S1P4L1M1J2E1A3,MSP,OGAB,4,12,9,12,340,15,10,MNHVY,6.92928300000000,1.29245500000000
C5B3H1S1P4L1M1J2E2A1,MSP,OGAB,4,12,9,12,340,15,40,MEPDG,3.36351600000000,0.37431190000000
C5B3H1S1P4L1M1J2E2A2,MSP,OGAB,4,12,9,12,340,15,40,MNAVG,1.93893000000000,0.06643770000000
C5B3H1S1P4L1M1J2E2A3,MSP,OGAB,4,12,9,12,340,15,40,MNHVY,3.40153300000000,0.69077930000000
C5B3H1S1P4L1M2J1E1A1,MSP,OGAB,4,12,9,12,590,12,10,MEPDG,0.05488373000000,0.00536494700000
C5B3H1S1P4L1M2J1E1A2,MSP,OGAB,4,12,9,12,590,12,10,MNAVG,0.01435350000000,0.00054381810000
C5B3H1S1P4L1M2J1E1A3,MSP,OGAB,4,12,9,12,590,12,10,MNHVY,0.01815841000000,0.00693548500000
C5B3H1S1P4L1M2J1E2A1,MSP,OGAB,4,12,9,12,590,12,40,MEPDG,0.01884636000000,0.00266622600000
C5B3H1S1P4L1M2J1E2A2,MSP,OGAB,4,12,9,12,590,12,40,MNAVG,0.00537541100000,0.00023711300000
C5B3H1S1P4L1M2J1E2A3,MSP,OGAB,4,12,9,12,590,12,40,MNHVY,0.00606685600000,0.00307980200000
C5B3H1S1P4L1M2J2E1A1,MSP,OGAB,4,12,9,12,590,15,10,MEPDG,0.20481850000000,0.03280216000000
C5B3H1S1P4L1M2J2E1A2,MSP,OGAB,4,12,9,12,590,15,10,MNAVG,0.07052381000000,0.00531334600000
C5B3H1S1P4L1M2J2E1A3,MSP,OGAB,4,12,9,12,590,15,10,MNHVY,0.12993130000000,0.05959758000000
```

```
C5B3H1S1P4L1M2J2E2A1,MSP,OGAB,4,12,9,12,590,15,40,MEPDG,0.08069106000000,0.01587490000000
C5B3H1S1P4L1M2J2E2A2,MSP,OGAB,4,12,9,12,590,15,40,MNAVG,0.02988986000000,0.00246649900000
C5B3H1S1P4L1M2J2E2A3,MSP,OGAB,4,12,9,12,590,15,40,MNHVY,0.04959596000000,0.02781466000000
C5B3H1S1P4L1M3J1E1A1,MSP,OGAB,4,12,9,12,840,12,10,MEPDG,0.00200838600000,0.00014817800000
C5B3H1S1P4L1M3J1E1A2,MSP,OGAB,4,12,9,12,840,12,10,MNAVG,0.00046166540000,0.00000996459900
C5B3H1S1P4L1M3J1E1A3,MSP,OGAB,4,12,9,12,840,12,10,MNHVY,0.00044049140000,0.00013394050000
C5B3H1S1P4L1M3J1E2A1,MSP,OGAB,4,12,9,12,840,12,40,MEPDG,0.00051859400000,0.00007439803000
C5B3H1S1P4L1M3J1E2A2,MSP,OGAB,4,12,9,12,840,12,40,MNAVG,0.00014222110000,0.00000424528500
C5B3H1S1P4L1M3J1E2A3,MSP,OGAB,4,12,9,12,840,12,40,MNHVY,0.00011830250000,0.00005779682000
C5B3H1S1P4L1M3J2E1A1,MSP,OGAB,4,12,9,12,840,15,10,MEPDG,0.01089217000000,0.00177764500000
C5B3H1S1P4L1M3J2E1A2,MSP,OGAB,4,12,9,12,840,15,10,MNAVG,0.00265453500000,0.00023419040000
C5B3H1S1P4L1M3J2E1A3,MSP,OGAB,4,12,9,12,840,15,10,MNHVY,0.00436003800000,0.00285944500000
C5B3H1S1P4L1M3J2E2A1,MSP,OGAB,4,12,9,12,840,15,40,MEPDG,0.00342664900000,0.00079529140000
C5B3H1S1P4L1M3J2E2A2,MSP,OGAB,4,12,9,12,840,15,40,MNAVG,0.00094779320000,0.00009749019000
C5B3H1S1P4L1M3J2E2A3,MSP,OGAB,4,12,9,12,840,15,40,MNHVY,0.00134383300000,0.00120390400000
C5B3H1S1P4L2M1J1E1A1,MSP,OGAB,4,12,9,13,340,12,10,MEPDG,0.32251240000000,0.05690716000000
C5B3H1S1P4L2M1J1E1A2,MSP,OGAB,4,12,9,13,340,12,10,MNAVG,0.14189400000000,0.00706696800000
C5B3H1S1P4L2M1J1E1A3,MSP,OGAB,4,12,9,13,340,12,10,MNHVY,0.20893640000000,0.08411450000000
C5B3H1S1P4L2M1J1E2A1,MSP,OGAB,4,12,9,13,340,12,40,MEPDG,0.32251240000000,0.05690716000000
C5B3H1S1P4L2M1J1E2A2,MSP,OGAB,4,12,9,13,340,12,40,MNAVG,0.14189400000000,0.00706696800000
C5B3H1S1P4L2M1J1E2A3,MSP,OGAB,4,12,9,13,340,12,40,MNHVY,0.20893640000000,0.08411450000000
C5B3H1S1P4L2M1J2E1A1,MSP,OGAB,4,12,9,13,340,15,10,MEPDG,0.82799110000000,0.17298280000000
C5B3H1S1P4L2M1J2E1A2,MSP,OGAB,4,12,9,13,340,15,10,MNAVG,0.47488500000000,0.03207240000000
C5B3H1S1P4L2M1J2E1A3,MSP,OGAB,4,12,9,13,340,15,10,MNHVY,0.82898660000000,0.32509840000000
C5B3H1S1P4L2M1J2E2A1,MSP,OGAB,4,12,9,13,340,15,40,MEPDG,0.82799110000000,0.17298280000000
C5B3H1S1P4L2M1J2E2A2,MSP,OGAB,4,12,9,13,340,15,40,MNAVG,0.47488500000000,0.03207240000000
C5B3H1S1P4L2M1J2E2A3,MSP,OGAB,4,12,9,13,340,15,40,MNHVY,0.82898660000000,0.32509840000000
C5B3H1S1P4L2M2J1E1A1,MSP,OGAB,4,12,9,13,590,12,10,MEPDG,0.00373452300000,0.00094154660000
C5B3H1S1P4L2M2J1E1A2,MSP,OGAB,4,12,9,13,590,12,10,MNAVG,0.00107908100000,0.00008546998000
C5B3H1S1P4L2M2J1E1A3,MSP,OGAB,4,12,9,13,590,12,10,MNHVY,0.00117534900000,0.00109842700000
C5B3H1S1P4L2M2J1E2A1,MSP,OGAB,4,12,9,13,590,12,40,MEPDG,0.00373452300000,0.00094154660000
C5B3H1S1P4L2M2J1E2A2,MSP,OGAB,4,12,9,13,590,12,40,MNAVG,0.00107908100000,0.00008546998000
C5B3H1S1P4L2M2J1E2A3,MSP,OGAB,4,12,9,13,590,12,40,MNHVY,0.00117534900000,0.00109842700000
C5B3H1S1P4L2M2J2E1A1,MSP,OGAB,4,12,9,13,590,15,10,MEPDG,0.01767743000000,0.00683270500000
C5B3H1S1P4L2M2J2E1A2,MSP,OGAB,4,12,9,13,590,15,10,MNAVG,0.00660391200000,0.00109634300000
C5B3H1S1P4L2M2J2E1A3,MSP,OGAB,4,12,9,13,590,15,10,MNHVY,0.01074635000000,0.01219251000000
C5B3H1S1P4L2M2J2E2A1,MSP,OGAB,4,12,9,13,590,15,40,MEPDG,0.01767743000000,0.00683270500000
C5B3H1S1P4L2M2J2E2A2,MSP,OGAB,4,12,9,13,590,15,40,MNAVG,0.00660391200000,0.00109634300000
C5B3H1S1P4L2M2J2E2A3,MSP,OGAB,4,12,9,13,590,15,40,MNHVY,0.01074635000000,0.01219251000000
C5B3H1S1P4L2M3J1E1A1,MSP,OGAB,4,12,9,13,840,12,10,MEPDG,0.00009446596000,0.00002472653000
C5B3H1S1P4L2M3J1E1A2,MSP,OGAB,4,12,9,13,840,12,10,MNAVG,0.00002702650000,0.00000141028900
C5B3H1S1P4L2M3J1E1A3,MSP,OGAB,4,12,9,13,840,12,10,MNHVY,0.00002228974000,0.00001910561000
C5B3H1S1P4L2M3J1E2A1,MSP,OGAB,4,12,9,13,840,12,40,MEPDG,0.00009446596000,0.00002472653000
C5B3H1S1P4L2M3J1E2A2,MSP,OGAB,4,12,9,13,840,12,40,MNAVG,0.00002702650000,0.00000141028900
C5B3H1S1P4L2M3J1E2A3,MSP,OGAB,4,12,9,13,840,12,40,MNHVY,0.00002228974000,0.00001910561000
C5B3H1S1P4L2M3J2E1A1,MSP,OGAB,4,12,9,13,840,15,10,MEPDG,0.00067714780000,0.00031486930000
C5B3H1S1P4L2M3J2E1A2,MSP,OGAB,4,12,9,13,840,15,10,MNAVG,0.00019199870000,0.00003960115000
C5B3H1S1P4L2M3J2E1A3,MSP,OGAB,4,12,9,13,840,15,10,MNHVY,0.00026351390000,0.00048344980000
C5B3H1S1P4L2M3J2E2A1,MSP,OGAB,4,12,9,13,840,15,40,MEPDG,0.00067714780000,0.00031486930000
C5B3H1S1P4L2M3J2E2A2,MSP,OGAB,4,12,9,13,840,15,40,MNAVG,0.00019199870000,0.00003960115000
```

```
C5B3H1S1P4L2M3J2E2A3,MSP,OGAB,4,12,9,13,840,15,40,MNHVY,0.00026351390000,0.00048344980000
C5B3H1S1P5L1M1J1E1A1,MSP,OGAB,4,12,10,12,340,12,10,MEPDG,0.86037640000000,0.14271310000000
C5B3H1S1P5L1M1J1E1A2,MSP,OGAB,4,12,10,12,340,12,10,MNAVG,0.29948360000000,0.01779066000000
C5B3H1S1P5L1M1J1E1A3,MSP,OGAB,4,12,10,12,340,12,10,MNHVY,0.45872600000000,0.22281300000000
C5B3H1S1P5L1M1J1E2A1,MSP,OGAB,4,12,10,12,340,12,40,MEPDG,0.35460700000000,0.07632101000000
C5B3H1S1P5L1M1J1E2A2,MSP,OGAB,4,12,10,12,340,12,40,MNAVG,0.12615810000000,0.00881057600000
C5B3H1S1P5L1M1J1E2A3,MSP,OGAB,4,12,10,12,340,12,40,MNHVY,0.17435970000000,0.11141440000000
C5B3H1S1P5L1M1J2E1A1,MSP,OGAB,4,12,10,12,340,15,10,MEPDG,2.29828500000000,0.46303060000000
C5B3H1S1P5L1M1J2E1A2,MSP,OGAB,4,12,10,12,340,15,10,MNAVG,1.05304500000000,0.08027091000000
C5B3H1S1P5L1M1J2E1A3,MSP,OGAB,4,12,10,12,340,15,10,MNHVY,1.97827700000000,0.87907770000000
C5B3H1S1P5L1M1J2E2A1,MSP,OGAB,4,12,10,12,340,15,40,MEPDG,1.05706200000000,0.25305250000000
C5B3H1S1P5L1M1J2E2A2,MSP,OGAB,4,12,10,12,340,15,40,MNAVG,0.50624810000000,0.04311327000000
C5B3H1S1P5L1M1J2E2A3,MSP,OGAB,4,12,10,12,340,15,40,MNHVY,0.88124180000000,0.47110970000000
C5B3H1S1P5L1M2J1E1A1,MSP,OGAB,4,12,10,12,590,12,10,MEPDG,0.00941793600000,0.00164418200000
C5B3H1S1P5L1M2J1E1A2,MSP,OGAB,4,12,10,12,590,12,10,MNAVG,0.00210381600000,0.00014506940000
C5B3H1S1P5L1M2J1E1A3,MSP,OGAB,4,12,10,12,590,12,10,MNHVY,0.00227900900000,0.00194876300000
C5B3H1S1P5L1M2J1E2A1,MSP,OGAB,4,12,10,12,590,12,40,MEPDG,0.00279127100000,0.00085605760000
C5B3H1S1P5L1M2J1E2A2,MSP,OGAB,4,12,10,12,590,12,40,MNAVG,0.00072842120000,0.00006833832000
C5B3H1S1P5L1M2J1E2A3,MSP,OGAB,4,12,10,12,590,12,40,MNHVY,0.00070115240000,0.00092335110000
C5B3H1S1P5L1M2J2E1A1,MSP,OGAB,4,12,10,12,590,15,10,MEPDG,0.04263541000000,0.01428754000000
C5B3H1S1P5L1M2J2E1A2,MSP,OGAB,4,12,10,12,590,15,10,MNAVG,0.01109295000000,0.00208689500000
C5B3H1S1P5L1M2J2E1A3,MSP,OGAB,4,12,10,12,590,15,10,MNHVY,0.01891251000000,0.02515795000000
C5B3H1S1P5L1M2J2E2A1,MSP,OGAB,4,12,10,12,590,15,40,MEPDG,0.01467911000000,0.00709305400000
C5B3H1S1P5L1M2J2E2A2,MSP,OGAB,4,12,10,12,590,15,40,MNAVG,0.00427578900000,0.00100051700000
C5B3H1S1P5L1M2J2E2A3,MSP,OGAB,4,12,10,12,590,15,40,MNHVY,0.00637537900000,0.01209312000000
C5B3H1S1P5L1M3J1E1A1,MSP,OGAB,4,12,10,12,840,12,10,MEPDG,0.00024483910000,0.00003317133000
C5B3H1S1P5L1M3J1E1A2,MSP,OGAB,4,12,10,12,840,12,10,MNAVG,0.00005216624000,0.00000189285600
C5B3H1S1P5L1M3J1E1A3,MSP,OGAB,4,12,10,12,840,12,10,MNHVY,0.00004144219000,0.00002664781000
C5B3H1S1P5L1M3J1E2A1,MSP,OGAB,4,12,10,12,840,12,40,MEPDG,0.00005390587000,0.00001788890000
C5B3H1S1P5L1M3J1E2A2,MSP,OGAB,4,12,10,12,840,12,40,MNAVG,0.00001455200000,0.00000090674650
C5B3H1S1P5L1M3J1E2A3,MSP,OGAB,4,12,10,12,840,12,40,MNHVY,0.00001034563000,0.00001271422000
C5B3H1S1P5L1M3J2E1A1,MSP,OGAB,4,12,10,12,840,15,10,MEPDG,0.00146844100000,0.00056563650000
C5B3H1S1P5L1M3J2E1A2,MSP,OGAB,4,12,10,12,840,15,10,MNAVG,0.00029010260000,0.00006560613000
C5B3H1S1P5L1M3J2E1A3,MSP,OGAB,4,12,10,12,840,15,10,MNHVY,0.00038796050000,0.00084921900000
C5B3H1S1P5L1M3J2E2A1,MSP,OGAB,4,12,10,12,840,15,40,MEPDG,0.00039571030000,0.00026620460000
C5B3H1S1P5L1M3J2E2A2,MSP,OGAB,4,12,10,12,840,15,40,MNAVG,0.00009403206000,0.00002922604000
C5B3H1S1P5L1M3J2E2A3,MSP,OGAB,4,12,10,12,840,15,40,MNHVY,0.00010839820000,0.00038011810000
C5B3H1S1P5L2M1J1E1A1,MSP,OGAB,4,12,10,13,340,12,10,MEPDG,0.07685390000000,0.02985236000000
C5B3H1S1P5L2M1J1E1A2,MSP,OGAB,4,12,10,13,340,12,10,MNAVG,0.02690190000000,0.00355095600000
C5B3H1S1P5L2M1J1E1A3,MSP,OGAB,4,12,10,13,340,12,10,MNHVY,0.03622748000000,0.04426880000000
C5B3H1S1P5L2M1J1E2A1,MSP,OGAB,4,12,10,13,340,12,40,MEPDG,0.07685390000000,0.02985236000000
C5B3H1S1P5L2M1J1E2A2,MSP,OGAB,4,12,10,13,340,12,40,MNAVG,0.02690190000000,0.00355095600000
C5B3H1S1P5L2M1J1E2A3,MSP,OGAB,4,12,10,13,340,12,40,MNHVY,0.03622748000000,0.04426880000000
C5B3H1S1P5L2M1J2E1A1,MSP,OGAB,4,12,10,13,340,15,10,MEPDG,0.24974830000000,0.11961900000000
C5B3H1S1P5L2M1J2E1A2,MSP,OGAB,4,12,10,13,340,15,10,MNAVG,0.11963270000000,0.02120019000000
C5B3H1S1P5L2M1J2E1A3,MSP,OGAB,4,12,10,13,340,15,10,MNHVY,0.20557030000000,0.22668850000000
C5B3H1S1P5L2M1J2E2A1,MSP,OGAB,4,12,10,13,340,15,40,MEPDG,0.24974830000000,0.11961900000000
C5B3H1S1P5L2M1J2E2A2,MSP,OGAB,4,12,10,13,340,15,40,MNAVG,0.11963270000000,0.02120019000000
C5B3H1S1P5L2M1J2E2A3,MSP,OGAB,4,12,10,13,340,15,40,MNHVY,0.20557030000000,0.22668850000000
C5B3H1S1P5L2M2J1E1A1,MSP,OGAB,4,12,10,13,590,12,10,MEPDG,0.00051849280000,0.00030876630000
```

```
C5B3H1S1P5L2M2J1E1A2,MSP,OGAB,4,12,10,13,590,12,10,MNAVG,0.00014054790000,0.00002499309000
C5B3H1S1P5L2M2J1E1A3,MSP,OGAB,4,12,10,13,590,12,10,MNHVY,0.00012990330000,0.00033546400000
C5B3H1S1P5L2M2J1E2A1,MSP,OGAB,4,12,10,13,590,12,40,MEPDG,0.00051849280000,0.00030876630000
C5B3H1S1P5L2M2J1E2A2,MSP,OGAB,4,12,10,13,590,12,40,MNAVG,0.00014054790000,0.00002499309000
C5B3H1S1P5L2M2J1E2A3,MSP,OGAB,4,12,10,13,590,12,40,MNHVY,0.00012990330000,0.00033546400000
C5B3H1S1P5L2M2J2E1A1,MSP,OGAB,4,12,10,13,590,15,10,MEPDG,0.00301271200000,0.00310113600000
C5B3H1S1P5L2M2J2E1A2,MSP,OGAB,4,12,10,13,590,15,10,MNAVG,0.00089605960000,0.00045231970000
C5B3H1S1P5L2M2J2E1A3,MSP,OGAB,4,12,10,13,590,15,10,MNHVY,0.00129414600000,0.00537969000000
C5B3H1S1P5L2M2J2E2A1,MSP,OGAB,4,12,10,13,590,15,40,MEPDG,0.00301271200000,0.00310113600000
C5B3H1S1P5L2M2J2E2A2,MSP,OGAB,4,12,10,13,590,15,40,MNAVG,0.00089605960000,0.00045231970000
C5B3H1S1P5L2M2J2E2A3,MSP,OGAB,4,12,10,13,590,15,40,MNHVY,0.00129414600000,0.00537969000000
C5B3H1S1P5L2M3J1E1A1,MSP,OGAB,4,12,10,13,840,12,10,MEPDG,0.00000881999200,0.00000620726200
C5B3H1S1P5L2M3J1E1A2,MSP,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000253069900,0.00000031702060
C5B3H1S1P5L2M3J1E1A3,MSP,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000173430100,0.00000443242500
C5B3H1S1P5L2M3J1E2A1,MSP,OGAB,4,12,10,13,840,12,40,MEPDG,0.00000881999200,0.00000620726200
C5B3H1S1P5L2M3J1E2A2,MSP,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000253069900,0.00000031702060
C5B3H1S1P5L2M3J1E2A3,MSP,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000173430100,0.00000443242500
C5B3H1S1P5L2M3J2E1A1,MSP,OGAB,4,12,10,13,840,15,10,MEPDG,0.00007267552000,0.00010732470000
C5B3H1S1P5L2M3J2E1A2,MSP,OGAB,4,12,10,13,840,15,10,MNAVG,0.00001803384000,0.00001208414000
C5B3H1S1P5L2M3J2E1A3,MSP,OGAB,4,12,10,13,840,15,10,MNHVY,0.00002006116000,0.00015551460000
C5B3H1S1P5L2M3J2E2A1,MSP,OGAB,4,12,10,13,840,15,40,MEPDG,0.00007267552000,0.00010732470000
C5B3H1S1P5L2M3J2E2A2,MSP,OGAB,4,12,10,13,840,15,40,MNAVG,0.00001803384000,0.00001208414000
C5B3H1S1P5L2M3J2E2A3,MSP,OGAB,4,12,10,13,840,15,40,MNHVY,0.00002006116000,0.00015551460000
C5B3H1S1P6L1M1J1E1A1,MSP,OGAB,4,12,11,12,340,12,10,MEPDG,0.22930440000000,0.06689813000000
C5B3H1S1P6L1M1J1E1A2,MSP,OGAB,4,12,11,12,340,12,10,MNAVG,0.06222743000000,0.00745982600000
C5B3H1S1P6L1M1J1E1A3,MSP,OGAB,4,12,11,12,340,12,10,MNHVY,0.08893976000000,0.09881157000000
C5B3H1S1P6L1M1J1E2A1,MSP,OGAB,4,12,11,12,340,12,40,MEPDG,0.08449581000000,0.03661292000000
C5B3H1S1P6L1M1J1E2A2,MSP,OGAB,4,12,11,12,340,12,40,MNAVG,0.02446210000000,0.00384182900000
C5B3H1S1P6L1M1J1E2A3,MSP,OGAB,4,12,11,12,340,12,40,MNHVY,0.03077504000000,0.05103802000000
C5B3H1S1P6L1M1J2E1A1,MSP,OGAB,4,12,11,12,340,15,10,MEPDG,0.74701450000000,0.28209900000000
C5B3H1S1P6L1M1J2E1A2,MSP,OGAB,4,12,11,12,340,15,10,MNAVG,0.27100040000000,0.04489985000000
C5B3H1S1P6L1M1J2E1A3,MSP,OGAB,4,12,11,12,340,15,10,MNHVY,0.50842460000000,0.52740420000000
C5B3H1S1P6L1M1J2E2A1,MSP,OGAB,4,12,11,12,340,15,40,MEPDG,0.31176920000000,0.15599640000000
C5B3H1S1P6L1M1J2E2A2,MSP,OGAB,4,12,11,12,340,15,40,MNAVG,0.12111470000000,0.02456649000000
C5B3H1S1P6L1M1J2E2A3,MSP,OGAB,4,12,11,12,340,15,40,MNHVY,0.20497000000000,0.28662370000000
C5B3H1S1P6L1M2J1E1A1,MSP,OGAB,4,12,11,12,590,12,10,MEPDG,0.00167756000000,0.00050513360000
C5B3H1S1P6L1M2J1E1A2,MSP,OGAB,4,12,11,12,590,12,10,MNAVG,0.00034101420000,0.00003696031000
C5B3H1S1P6L1M2J1E1A3,MSP,OGAB,4,12,11,12,590,12,10,MNHVY,0.00032332990000,0.00052710490000
C5B3H1S1P6L1M2J1E2A1,MSP,OGAB,4,12,11,12,590,12,40,MEPDG,0.00043150140000,0.00027692470000
C5B3H1S1P6L1M2J1E2A2,MSP,OGAB,4,12,11,12,590,12,40,MNAVG,0.00010824600000,0.00001891235000
C5B3H1S1P6L1M2J1E2A3,MSP,OGAB,4,12,11,12,590,12,40,MNHVY,0.00009111696000,0.00026780060000
C5B3H1S1P6L1M2J2E1A1,MSP,OGAB,4,12,11,12,590,15,10,MEPDG,0.00824469000000,0.00582536200000
C5B3H1S1P6L1M2J2E1A2,MSP,OGAB,4,12,11,12,590,15,10,MNAVG,0.00172150300000,0.00074162680000
C5B3H1S1P6L1M2J2E1A3,MSP,OGAB,4,12,11,12,590,15,10,MNHVY,0.00254805100000,0.00959049400000
C5B3H1S1P6L1M2J2E2A1,MSP,OGAB,4,12,11,12,590,15,40,MEPDG,0.00249164100000,0.00301052700000
C5B3H1S1P6L1M2J2E2A2,MSP,OGAB,4,12,11,12,590,15,40,MNAVG,0.00061106340000,0.00037588850000
C5B3H1S1P6L1M2J2E2A3,MSP,OGAB,4,12,11,12,590,15,40,MNHVY,0.00078129640000,0.00483958100000
C5B3H1S1P6L1M3J1E1A1,MSP,OGAB,4,12,11,12,840,12,10,MEPDG,0.00003202867000,0.00000833715400
C5B3H1S1P6L1M3J1E1A2,MSP,OGAB,4,12,11,12,840,12,10,MNAVG,0.00000614106700,0.00000041383090
C5B3H1S1P6L1M3J1E1A3,MSP,OGAB,4,12,11,12,840,12,10,MNHVY,0.00000433382400,0.00000608918600
```

```
C5B3H1S1P6L1M3J1E2A1,MSP,OGAB,4,12,11,12,840,12,40,MEPDG,0.00000696874000,0.00000485017600
C5B3H1S1P6L1M3J1E2A2,MSP,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000170243700,0.00000021956700
C5B3H1S1P6L1M3J1E2A3,MSP,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000116629100,0.00000319506400
C5B3H1S1P6L1M3J2E1A1,MSP,OGAB,4,12,11,12,840,15,10,MEPDG,0.00018300540000,0.00017784240000
C5B3H1S1P6L1M3J2E1A2,MSP,OGAB,4,12,11,12,840,15,10,MNAVG,0.00003143791000,0.00001747965000
C5B3H1S1P6L1M3J2E1A3,MSP,OGAB,4,12,11,12,840,15,10,MNHVY,0.00003472173000,0.00024113650000
C5B3H1S1P6L1M3J2E2A1,MSP,OGAB,4,12,11,12,840,15,40,MEPDG,0.00004257975000,0.00008847084000
C5B3H1S1P6L1M3J2E2A2,MSP,OGAB,4,12,11,12,840,15,40,MNAVG,0.00000926370700,0.00000841732600
C5B3H1S1P6L1M3J2E2A3,MSP,OGAB,4,12,11,12,840,15,40,MNHVY,0.00000891184800,0.00011530630000
C5B3H1S1P6L2M1J1E1A1,MSP,OGAB,4,12,11,13,340,12,10,MEPDG,0.01747299000000,0.01459776000000
C5B3H1S1P6L2M1J1E1A2,MSP,OGAB,4,12,11,13,340,12,10,MNAVG,0.00508629800000,0.00156603400000
C5B3H1S1P6L2M1J1E1A3,MSP,OGAB,4,12,11,13,340,12,10,MNHVY,0.00617206100000,0.02062396000000
C5B3H1S1P6L2M1J1E2A1,MSP,OGAB,4,12,11,13,340,12,40,MEPDG,0.01747299000000,0.01459776000000
C5B3H1S1P6L2M1J1E2A2,MSP,OGAB,4,12,11,13,340,12,40,MNAVG,0.00508629800000,0.00156603400000
C5B3H1S1P6L2M1J1E2A3,MSP,OGAB,4,12,11,13,340,12,40,MNHVY,0.00617206100000,0.02062396000000
C5B3H1S1P6L2M1J2E1A1,MSP,OGAB,4,12,11,13,340,15,10,MEPDG,0.07032826000000,0.07465056000000
C5B3H1S1P6L2M1J2E1A2,MSP,OGAB,4,12,11,13,340,15,10,MNAVG,0.02750668000000,0.01218755000000
C5B3H1S1P6L2M1J2E1A3,MSP,OGAB,4,12,11,13,340,15,10,MNHVY,0.04551516000000,0.13949800000000
C5B3H1S1P6L2M1J2E2A1,MSP,OGAB,4,12,11,13,340,15,40,MEPDG,0.07032826000000,0.07465056000000
C5B3H1S1P6L2M1J2E2A2,MSP,OGAB,4,12,11,13,340,15,40,MNAVG,0.02750668000000,0.01218755000000
C5B3H1S1P6L2M1J2E2A3,MSP,OGAB,4,12,11,13,340,15,40,MNHVY,0.04551516000000,0.13949800000000
C5B3H1S1P6L2M2J1E1A1,MSP,OGAB,4,12,11,13,590,12,10,MEPDG,0.00007585403000,0.00010367870000
C5B3H1S1P6L2M2J1E1A2,MSP,OGAB,4,12,11,13,590,12,10,MNAVG,0.00002010009000,0.00000720115800
C5B3H1S1P6L2M2J1E1A3,MSP,OGAB,4,12,11,13,590,12,10,MNHVY,0.00001627604000,0.00010163100000
C5B3H1S1P6L2M2J1E2A1,MSP,OGAB,4,12,11,13,590,12,40,MEPDG,0.00007585403000,0.00010367870000
C5B3H1S1P6L2M2J1E2A2,MSP,OGAB,4,12,11,13,590,12,40,MNAVG,0.00002010009000,0.00000720115800
C5B3H1S1P6L2M2J1E2A3,MSP,OGAB,4,12,11,13,590,12,40,MNHVY,0.00001627604000,0.00010163100000
C5B3H1S1P6L2M2J2E1A1,MSP,OGAB,4,12,11,13,590,15,10,MEPDG,0.00048165830000,0.00133519100000
C5B3H1S1P6L2M2J2E1A2,MSP,OGAB,4,12,11,13,590,15,10,MNAVG,0.00012266860000,0.00017189960000
C5B3H1S1P6L2M2J2E1A3,MSP,OGAB,4,12,11,13,590,15,10,MNHVY,0.00015112630000,0.00218631500000
C5B3H1S1P6L2M2J2E2A1,MSP,OGAB,4,12,11,13,590,15,40,MEPDG,0.00048165830000,0.00133519100000
C5B3H1S1P6L2M2J2E2A2,MSP,OGAB,4,12,11,13,590,15,40,MNAVG,0.00012266860000,0.00017189960000
C5B3H1S1P6L2M2J2E2A3,MSP,OGAB,4,12,11,13,590,15,40,MNHVY,0.00015112630000,0.00218631500000
C5B3H1S1P6L2M3J1E1A1,MSP,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000109859700,0.00000178075500
C5B3H1S1P6L2M3J1E1A2,MSP,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000028720270,0.00000008186501
C5B3H1S1P6L2M3J1E1A3,MSP,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000019063570,0.00000118953200
C5B3H1S1P6L2M3J1E2A1,MSP,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000109859700,0.00000178075500
C5B3H1S1P6L2M3J1E2A2,MSP,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000028720270,0.00000008186501
C5B3H1S1P6L2M3J1E2A3,MSP,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000019063570,0.00000118953200
C5B3H1S1P6L2M3J2E1A1,MSP,OGAB,4,12,11,13,840,15,10,MEPDG,0.00000730942200,0.00003724889000
C5B3H1S1P6L2M3J2E1A2,MSP,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000168602100,0.00000364530200
C5B3H1S1P6L2M3J2E1A3,MSP,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000156410700,0.00004957827000
C5B3H1S1P6L2M3J2E2A1,MSP,OGAB,4,12,11,13,840,15,40,MEPDG,0.00000730942200,0.00003724889000
C5B3H1S1P6L2M3J2E2A2,MSP,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000168602100,0.00000364530200
C5B3H1S1P6L2M3J2E2A3,MSP,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000156410700,0.00004957827000
C5B3H1S1P7L1M1J1E1A1,MSP,OGAB,4,12,12,12,340,12,10,MEPDG,0.06024177000000,0.02968516000000
C5B3H1S1P7L1M1J1E1A2,MSP,OGAB,4,12,12,12,340,12,10,MNAVG,0.01348136000000,0.00285996100000
C5B3H1S1P7L1M1J1E1A3,MSP,OGAB,4,12,12,12,340,12,10,MNHVY,0.01771546000000,0.03986918000000
C5B3H1S1P7L1M1J1E2A1,MSP,OGAB,4,12,12,12,340,12,40,MEPDG,0.01990894000000,0.01676553000000
C5B3H1S1P7L1M1J1E2A2,MSP,OGAB,4,12,12,12,340,12,40,MNAVG,0.00502290400000,0.00154870700000
```

```
C5B3H1S1P7L1M1J1E2A3,MSP,OGAB,4,12,12,12,340,12,40,MNHVY,0.00571009100000,0.02145738000000
C5B3H1S1P7L1M1J2E1A1,MSP,OGAB,4,12,12,12,340,15,10,MEPDG,0.21974750000000,0.15971220000000
C5B3H1S1P7L1M1J2E1A2,MSP,OGAB,4,12,12,12,340,15,10,MNAVG,0.06148051000000,0.02303499000000
C5B3H1S1P7L1M1J2E1A3,MSP,OGAB,4,12,12,12,340,15,10,MNHVY,0.10991110000000,0.28654510000000
C5B3H1S1P7L1M1J2E2A1,MSP,OGAB,4,12,12,12,340,15,40,MEPDG,0.08211001000000,0.08978702000000
C5B3H1S1P7L1M1J2E2A2,MSP,OGAB,4,12,12,12,340,15,40,MNAVG,0.02528962000000,0.01287199000000
C5B3H1S1P7L1M1J2E2A3,MSP,OGAB,4,12,12,12,340,15,40,MNHVY,0.03959154000000,0.15882900000000
C5B3H1S1P7L1M2J1E1A1,MSP,OGAB,4,12,12,12,590,12,10,MEPDG,0.00030720630000,0.00016242490000
C5B3H1S1P7L1M2J1E1A2,MSP,OGAB,4,12,12,12,590,12,10,MNAVG,0.00005667296000,0.00001016681000
C5B3H1S1P7L1M2J1E1A3,MSP,OGAB,4,12,12,12,590,12,10,MNHVY,0.00004732255000,0.00015017710000
C5B3H1S1P7L1M2J1E2A1,MSP,OGAB,4,12,12,12,590,12,40,MEPDG,0.00006948079000,0.00009549530000
C5B3H1S1P7L1M2J1E2A2,MSP,OGAB,4,12,12,12,590,12,40,MNAVG,0.00001660867000,0.00000570953700
C5B3H1S1P7L1M2J1E2A3,MSP,OGAB,4,12,12,12,590,12,40,MNHVY,0.00001229932000,0.00008347825000
C5B3H1S1P7L1M2J2E1A1,MSP,OGAB,4,12,12,12,590,15,10,MEPDG,0.00139292100000,0.00230809800000
C5B3H1S1P7L1M2J2E1A2,MSP,OGAB,4,12,12,12,590,15,10,MNAVG,0.00024748700000,0.00025404750000
C5B3H1S1P7L1M2J2E1A3,MSP,OGAB,4,12,12,12,590,15,10,MNHVY,0.00029882120000,0.00347536500000
C5B3H1S1P7L1M2J2E2A1,MSP,OGAB,4,12,12,12,590,15,40,MEPDG,0.00036677120000,0.00123638200000
C5B3H1S1P7L1M2J2E2A2,MSP,OGAB,4,12,12,12,590,15,40,MNAVG,0.00008077829000,0.00013532180000
C5B3H1S1P7L1M2J2E2A3,MSP,OGAB,4,12,12,12,590,15,40,MNHVY,0.00008463368000,0.00183114900000
C5B3H1S1P7L1M3J1E1A1,MSP,OGAB,4,12,12,12,840,12,10,MEPDG,0.00000534492900,0.00000238901600
C5B3H1S1P7L1M3J1E1A2,MSP,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000085736370,0.00000010829150
C5B3H1S1P7L1M3J1E1A3,MSP,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000057466580,0.00000161627200
C5B3H1S1P7L1M3J1E2A1,MSP,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000093590490,0.00000153050200
C5B3H1S1P7L1M3J1E2A2,MSP,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000020838810,0.00000006450815
C5B3H1S1P7L1M3J1E2A3,MSP,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000012567500,0.00000095532980
C5B3H1S1P7L1M3J2E1A1,MSP,OGAB,4,12,12,12,840,15,10,MEPDG,0.00002329780000,0.00005751162000
C5B3H1S1P7L1M3J2E1A2,MSP,OGAB,4,12,12,12,840,15,10,MNAVG,0.00000349878800,0.00000481758800
C5B3H1S1P7L1M3J2E1A3,MSP,OGAB,4,12,12,12,840,15,10,MNHVY,0.00000334643600,0.00006961069000
C5B3H1S1P7L1M3J2E2A1,MSP,OGAB,4,12,12,12,840,15,40,MEPDG,0.00000468518500,0.00003082846000
C5B3H1S1P7L1M3J2E2A2,MSP,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000093688480,0.00000253095400
C5B3H1S1P7L1M3J2E2A3,MSP,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000077126840,0.00003618487000
C5B3H1S1P7L2M1J1E1A1,MSP,OGAB,4,12,12,13,340,12,10,MEPDG,0.00391590500000,0.00681014300000
C5B3H1S1P7L2M1J1E1A2,MSP,OGAB,4,12,12,13,340,12,10,MNAVG,0.00101548400000,0.00063885810000
C5B3H1S1P7L2M1J1E1A3,MSP,OGAB,4,12,12,13,340,12,10,MNHVY,0.00110233200000,0.00881200200000
C5B3H1S1P7L2M1J1E2A1,MSP,OGAB,4,12,12,13,340,12,40,MEPDG,0.00391590500000,0.00681014300000
C5B3H1S1P7L2M1J1E2A2,MSP,OGAB,4,12,12,13,340,12,40,MNAVG,0.00101548400000,0.00063885810000
C5B3H1S1P7L2M1J1E2A3,MSP,OGAB,4,12,12,13,340,12,40,MNHVY,0.00110233200000,0.00881200200000
C5B3H1S1P7L2M1J2E1A1,MSP,OGAB,4,12,12,13,340,15,10,MEPDG,0.01753226000000,0.04337712000000
C5B3H1S1P7L2M1J2E1A2,MSP,OGAB,4,12,12,13,340,15,10,MNAVG,0.00548650000000,0.00642661900000
C5B3H1S1P7L2M1J2E1A3,MSP,OGAB,4,12,12,13,340,15,10,MNHVY,0.00829536100000,0.07803792000000
C5B3H1S1P7L2M1J2E2A1,MSP,OGAB,4,12,12,13,340,15,40,MEPDG,0.01753226000000,0.04337712000000
C5B3H1S1P7L2M1J2E2A2,MSP,OGAB,4,12,12,13,340,15,40,MNAVG,0.00548650000000,0.00642661900000
C5B3H1S1P7L2M1J2E2A3,MSP,OGAB,4,12,12,13,340,15,40,MNHVY,0.00829536100000,0.07803792000000
C5B3H1S1P7L2M2J1E1A1,MSP,OGAB,4,12,12,13,590,12,10,MEPDG,0.00001144058000,0.00003727717000
C5B3H1S1P7L2M2J1E1A2,MSP,OGAB,4,12,12,13,590,12,10,MNAVG,0.00000293672600,0.00000228200000
C5B3H1S1P7L2M2J1E1A3,MSP,OGAB,4,12,12,13,590,12,10,MNHVY,0.00000208432900,0.00003328458000
C5B3H1S1P7L2M2J1E2A1,MSP,OGAB,4,12,12,13,590,12,40,MEPDG,0.00001144058000,0.00003727717000
C5B3H1S1P7L2M2J1E2A2,MSP,OGAB,4,12,12,13,590,12,40,MNAVG,0.00000293672600,0.00000228200000
C5B3H1S1P7L2M2J1E2A3,MSP,OGAB,4,12,12,13,590,12,40,MNHVY,0.00000208432900,0.00003328458000
C5B3H1S1P7L2M2J2E1A1,MSP,OGAB,4,12,12,13,590,15,10,MEPDG,0.00006646461000,0.00055992250000
```

```
C5B3H1S1P7L2M2J2E1A2,MSP,OGAB,4,12,12,13,590,15,10,MNAVG,0.00001546613000,0.00006316839000
C5B3H1S1P7L2M2J2E1A3,MSP,OGAB,4,12,12,13,590,15,10,MNHVY,0.00001561564000,0.00084720670000
C5B3H1S1P7L2M2J2E2A1,MSP,OGAB,4,12,12,13,590,15,40,MEPDG,0.00006646461000,0.00055992250000
C5B3H1S1P7L2M2J2E2A2,MSP,OGAB,4,12,12,13,590,15,40,MNAVG,0.00001546613000,0.00006316839000
C5B3H1S1P7L2M2J2E2A3,MSP,OGAB,4,12,12,13,590,15,40,MNHVY,0.00001561564000,0.00084720670000
C5B3H1S1P7L2M3J1E1A1,MSP,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000013781640,0.00000057048660
C5B3H1S1P7L2M3J1E1A2,MSP,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000003359545,0.00000002551938
C5B3H1S1P7L2M3J1E1A3,MSP,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000001955027,0.00000037882380
C5B3H1S1P7L2M3J1E2A1,MSP,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000013781640,0.00000057048660
C5B3H1S1P7L2M3J1E2A2,MSP,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000003359545,0.00000002551938
C5B3H1S1P7L2M3J1E2A3,MSP,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000001955027,0.00000037882380
C5B3H1S1P7L2M3J2E1A1,MSP,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000075877400,0.00001344786000
C5B3H1S1P7L2M3J2E1A2,MSP,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000016331350,0.00000113610000
C5B3H1S1P7L2M3J2E1A3,MSP,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000012965790,0.00001616289000
C5B3H1S1P7L2M3J2E2A1,MSP,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000075877400,0.00001344786000
C5B3H1S1P7L2M3J2E2A2,MSP,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000016331350,0.00000113610000
C5B3H1S1P7L2M3J2E2A3,MSP,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000012965790,0.00001616289000
C5B3H2S2P1L1M1J1E1A1,MSP,OGAB,12,4,6,12,340,12,10,MEPDG,29.93118000000000,0.00000000000389
C5B3H2S2P1L1M1J1E1A2,MSP,OGAB,12,4,6,12,340,12,10,MNAVG,22.08054000000000,0.00000000000015
C5B3H2S2P1L1M1J1E1A3,MSP,OGAB,12,4,6,12,340,12,10,MNHVY,36.94347000000000,0.00000000000212
C5B3H2S2P1L1M1J1E2A1,MSP,OGAB,12,4,6,12,340,12,40,MEPDG,17.33358000000000,0.00000000000209
C5B3H2S2P1L1M1J1E2A2,MSP,OGAB,12,4,6,12,340,12,40,MNAVG,12.15218000000000,0.00000000000010
C5B3H2S2P1L1M1J1E2A3,MSP,OGAB,12,4,6,12,340,12,40,MNHVY,20.70584000000000,0.00000000000140
C5B3H2S2P1L1M1J2E1A1,MSP,OGAB,12,4,6,12,340,15,10,MEPDG,36.49190000000000,0.00000000000387
C5B3H2S2P1L1M1J2E1A2,MSP,OGAB,12,4,6,12,340,15,10,MNAVG,28.20001000000000,0.00000000000030
C5B3H2S2P1L1M1J2E1A3,MSP,OGAB,12,4,6,12,340,15,10,MNHVY,48.29607000000000,0.00000000000399
C5B3H2S2P1L1M1J2E2A1,MSP,OGAB,12,4,6,12,340,15,40,MEPDG,21.76340000000000,0.00000000000165
C5B3H2S2P1L1M1J2E2A2,MSP,OGAB,12,4,6,12,340,15,40,MNAVG,16.14610000000000,0.00000000000015
C5B3H2S2P1L1M1J2E2A3,MSP,OGAB,12,4,6,12,340,15,40,MNHVY,28.23174000000000,0.00000000000191
C5B3H2S2P1L1M2J1E1A1,MSP,OGAB,12,4,6,12,590,12,10,MEPDG,2.92151700000000,0.00000000007149
C5B3H2S2P1L1M2J1E1A2,MSP,OGAB,12,4,6,12,590,12,10,MNAVG,1.72169600000000,0.00000000000494
C5B3H2S2P1L1M2J1E1A3,MSP,OGAB,12,4,6,12,590,12,10,MNHVY,2.76067200000000,0.00000000007442
C5B3H2S2P1L1M2J1E2A1,MSP,OGAB,12,4,6,12,590,12,40,MEPDG,1.48928900000000,0.00000000005431
C5B3H2S2P1L1M2J1E2A2,MSP,OGAB,12,4,6,12,590,12,40,MNAVG,0.85351140000000,0.00000000000387
C5B3H2S2P1L1M2J1E2A3,MSP,OGAB,12,4,6,12,590,12,40,MNHVY,1.35945800000000,0.00000000005765
C5B3H2S2P1L1M2J2E1A1,MSP,OGAB,12,4,6,12,590,15,10,MEPDG,4.67025000000000,0.00000000000001
C5B3H2S2P1L1M2J2E1A2,MSP,OGAB,12,4,6,12,590,15,10,MNAVG,3.15091500000000,0.00000000000000
C5B3H2S2P1L1M2J2E1A3,MSP,OGAB,12,4,6,12,590,15,10,MNHVY,5.42564900000000,0.00000000000000
C5B3H2S2P1L1M2J2E2A1,MSP,OGAB,12,4,6,12,590,15,40,MEPDG,2.54796500000000,0.00000000000000
C5B3H2S2P1L1M2J2E2A2,MSP,OGAB,12,4,6,12,590,15,40,MNAVG,1.70717900000000,0.00000000000000
C5B3H2S2P1L1M2J2E2A3,MSP,OGAB,12,4,6,12,590,15,40,MNHVY,2.94289000000000,0.00000000000000
C5B3H2S2P1L1M3J1E1A1,MSP,OGAB,12,4,6,12,840,12,10,MEPDG,0.39818480000000,0.00000000045094
C5B3H2S2P1L1M3J1E1A2,MSP,OGAB,12,4,6,12,840,12,10,MNAVG,0.18227110000000,0.00000000004079
C5B3H2S2P1L1M3J1E1A3,MSP,OGAB,12,4,6,12,840,12,10,MNHVY,0.27866180000000,0.00000000058398
C5B3H2S2P1L1M3J1E2A1,MSP,OGAB,12,4,6,12,840,12,40,MEPDG,0.17640600000000,0.00000000000000
C5B3H2S2P1L1M3J1E2A2,MSP,OGAB,12,4,6,12,840,12,40,MNAVG,0.08003454000000,0.00000000000000
C5B3H2S2P1L1M3J1E2A3,MSP,OGAB,12,4,6,12,840,12,40,MNHVY,0.11739630000000,0.00000000000000
C5B3H2S2P1L1M3J2E1A1,MSP,OGAB,12,4,6,12,840,15,10,MEPDG,0.85879210000000,0.00005206334000
C5B3H2S2P1L1M3J2E1A2,MSP,OGAB,12,4,6,12,840,15,10,MNAVG,0.50105360000000,0.00000948415600
C5B3H2S2P1L1M3J2E1A3,MSP,OGAB,12,4,6,12,840,15,10,MNHVY,0.89923630000000,0.00009537726000
```

```
C5B3H2S2P1L1M3J2E2A1,MSP,OGAB,12,4,6,12,840,15,40,MEPDG,0.42267100000000,0.00000000000002
C5B3H2S2P1L1M3J2E2A2,MSP,OGAB,12,4,6,12,840,15,40,MNAVG,0.25080100000000,0.00000000000000
C5B3H2S2P1L1M3J2E2A3,MSP,OGAB,12,4,6,12,840,15,40,MNHVY,0.44023940000000,0.00000000000003
C5B3H2S2P1L2M1J1E1A1,MSP,OGAB,12,4,6,13,340,12,10,MEPDG,4.33729400000000,0.00000000000063
C5B3H2S2P1L2M1J1E1A2,MSP,OGAB,12,4,6,13,340,12,10,MNAVG,2.93970200000000,0.00000000000003
C5B3H2S2P1L2M1J1E1A3,MSP,OGAB,12,4,6,13,340,12,10,MNHVY,5.08354500000000,0.00000000000047
C5B3H2S2P1L2M1J1E2A1,MSP,OGAB,12,4,6,13,340,12,40,MEPDG,4.33729400000000,0.00000000000063
C5B3H2S2P1L2M1J1E2A2,MSP,OGAB,12,4,6,13,340,12,40,MNAVG,2.93970200000000,0.00000000000003
C5B3H2S2P1L2M1J1E2A3,MSP,OGAB,12,4,6,13,340,12,40,MNHVY,5.08354500000000,0.00000000000047
C5B3H2S2P1L2M1J2E1A1,MSP,OGAB,12,4,6,13,340,15,10,MEPDG,5.58870400000000,0.00000000000060
C5B3H2S2P1L2M1J2E1A2,MSP,OGAB,12,4,6,13,340,15,10,MNAVG,4.05121500000000,0.00000000000006
C5B3H2S2P1L2M1J2E1A3,MSP,OGAB,12,4,6,13,340,15,10,MNHVY,7.16980800000000,0.00000000000077
C5B3H2S2P1L2M1J2E2A1,MSP,OGAB,12,4,6,13,340,15,40,MEPDG,5.58870400000000,0.00000000000060
C5B3H2S2P1L2M1J2E2A2,MSP,OGAB,12,4,6,13,340,15,40,MNAVG,4.05121500000000,0.00000000000006
C5B3H2S2P1L2M1J2E2A3,MSP,OGAB,12,4,6,13,340,15,40,MNHVY,7.16980800000000,0.00000000000077
C5B3H2S2P1L2M2J1E1A1,MSP,OGAB,12,4,6,13,590,12,10,MEPDG,0.35092130000000,0.00000000001704
C5B3H2S2P1L2M2J1E1A2,MSP,OGAB,12,4,6,13,590,12,10,MNAVG,0.19545770000000,0.00000000000128
C5B3H2S2P1L2M2J1E1A3,MSP,OGAB,12,4,6,13,590,12,10,MNHVY,0.31498210000000,0.00000000001892
C5B3H2S2P1L2M2J1E2A1,MSP,OGAB,12,4,6,13,590,12,40,MEPDG,0.35092130000000,0.00000000001704
C5B3H2S2P1L2M2J1E2A2,MSP,OGAB,12,4,6,13,590,12,40,MNAVG,0.19545770000000,0.00000000000128
C5B3H2S2P1L2M2J1E2A3,MSP,OGAB,12,4,6,13,590,12,40,MNHVY,0.31498210000000,0.00000000001892
C5B3H2S2P1L2M2J2E1A1,MSP,OGAB,12,4,6,13,590,15,10,MEPDG,0.64284280000000,0.00000000000000
C5B3H2S2P1L2M2J2E1A2,MSP,OGAB,12,4,6,13,590,15,10,MNAVG,0.42927750000000,0.00000000000000
C5B3H2S2P1L2M2J2E1A3,MSP,OGAB,12,4,6,13,590,15,10,MNHVY,0.74944570000000,0.00000000000000
C5B3H2S2P1L2M2J2E2A1,MSP,OGAB,12,4,6,13,590,15,40,MEPDG,0.64284280000000,0.00000000000000
C5B3H2S2P1L2M2J2E2A2,MSP,OGAB,12,4,6,13,590,15,40,MNAVG,0.42927750000000,0.00000000000000
C5B3H2S2P1L2M2J2E2A3,MSP,OGAB,12,4,6,13,590,15,40,MNHVY,0.74944570000000,0.00000000000000
C5B3H2S2P1L2M3J1E1A1,MSP,OGAB,12,4,6,13,840,12,10,MEPDG,0.03922511000000,0.00000000000000
C5B3H2S2P1L2M3J1E1A2,MSP,OGAB,12,4,6,13,840,12,10,MNAVG,0.01738709000000,0.00000000000000
C5B3H2S2P1L2M3J1E1A3,MSP,OGAB,12,4,6,13,840,12,10,MNHVY,0.02566278000000,0.00000000000000
C5B3H2S2P1L2M3J1E2A1,MSP,OGAB,12,4,6,13,840,12,40,MEPDG,0.03922511000000,0.00000000000000
C5B3H2S2P1L2M3J1E2A2,MSP,OGAB,12,4,6,13,840,12,40,MNAVG,0.01738709000000,0.00000000000000
C5B3H2S2P1L2M3J1E2A3,MSP,OGAB,12,4,6,13,840,12,40,MNHVY,0.02566278000000,0.00000000000000
C5B3H2S2P1L2M3J2E1A1,MSP,OGAB,12,4,6,13,840,15,10,MEPDG,0.10249310000000,0.00000000000001
C5B3H2S2P1L2M3J2E1A2,MSP,OGAB,12,4,6,13,840,15,10,MNAVG,0.06093995000000,0.00000000000000
C5B3H2S2P1L2M3J2E1A3,MSP,OGAB,12,4,6,13,840,15,10,MNHVY,0.10828690000000,0.00000000000001
C5B3H2S2P1L2M3J2E2A1,MSP,OGAB,12,4,6,13,840,15,40,MEPDG,0.10249310000000,0.00000000000001
C5B3H2S2P1L2M3J2E2A2,MSP,OGAB,12,4,6,13,840,15,40,MNAVG,0.06093995000000,0.00000000000000
C5B3H2S2P1L2M3J2E2A3,MSP,OGAB,12,4,6,13,840,15,40,MNHVY,0.10828690000000,0.00000000000001
C5B3H2S2P2L1M1J1E1A1,MSP,OGAB,12,4,7,12,340,12,10,MEPDG,13.86650000000000,0.00000000246875
C5B3H2S2P2L1M1J1E1A2,MSP,OGAB,12,4,7,12,340,12,10,MNAVG,9.33826200000000,0.00000000015389
C5B3H2S2P2L1M1J1E1A3,MSP,OGAB,12,4,7,12,340,12,10,MNHVY,15.77102000000000,0.00000000223839
C5B3H2S2P2L1M1J1E2A1,MSP,OGAB,12,4,7,12,340,12,40,MEPDG,7.59673800000000,0.00000000103430
C5B3H2S2P2L1M1J1E2A2,MSP,OGAB,12,4,7,12,340,12,40,MNAVG,4.97812900000000,0.00000000006681
C5B3H2S2P2L1M1J1E2A3,MSP,OGAB,12,4,7,12,340,12,40,MNHVY,8.37392600000000,0.00000000096393
C5B3H2S2P2L1M1J2E1A1,MSP,OGAB,12,4,7,12,340,15,10,MEPDG,20.81047000000000,0.00000000317523
C5B3H2S2P2L1M1J2E1A2,MSP,OGAB,12,4,7,12,340,15,10,MNAVG,15.47461000000000,0.00000000032443
C5B3H2S2P2L1M1J2E1A3,MSP,OGAB,12,4,7,12,340,15,10,MNHVY,27.41835000000000,0.00000000436683
C5B3H2S2P2L1M1J2E2A1,MSP,OGAB,12,4,7,12,340,15,40,MEPDG,12.10495000000000,0.00000000283389
C5B3H2S2P2L1M1J2E2A2,MSP,OGAB,12,4,7,12,340,15,40,MNAVG,8.91122000000000,0.00000000032414
```

```
C5B3H2S2P2L1M1J2E2A3,MSP,OGAB,12,4,7,12,340,15,40,MNHVY,15.81822000000000,0.00000000421487
C5B3H2S2P2L1M2J1E1A1,MSP,OGAB,12,4,7,12,590,12,10,MEPDG,0.84867610000000,0.00000002467370
C5B3H2S2P2L1M2J1E1A2,MSP,OGAB,12,4,7,12,590,12,10,MNAVG,0.39788380000000,0.00000000239400
C5B3H2S2P2L1M2J1E1A3,MSP,OGAB,12,4,7,12,590,12,10,MNHVY,0.64065650000000,0.00000003475435
C5B3H2S2P2L1M2J1E2A1,MSP,OGAB,12,4,7,12,590,12,40,MEPDG,0.38445780000000,0.00000000422699
C5B3H2S2P2L1M2J1E2A2,MSP,OGAB,12,4,7,12,590,12,40,MNAVG,0.18038240000000,0.00000000043345
C5B3H2S2P2L1M2J1E2A3,MSP,OGAB,12,4,7,12,590,12,40,MNHVY,0.27681480000000,0.00000000618293
C5B3H2S2P2L1M2J2E1A1,MSP,OGAB,12,4,7,12,590,15,10,MEPDG,1.94729800000000,0.00042792670000
C5B3H2S2P2L1M2J2E1A2,MSP,OGAB,12,4,7,12,590,15,10,MNAVG,1.15623500000000,0.00008677951000
C5B3H2S2P2L1M2J2E1A3,MSP,OGAB,12,4,7,12,590,15,10,MNHVY,2.15944400000000,0.00083524230000
C5B3H2S2P2L1M2J2E2A1,MSP,OGAB,12,4,7,12,590,15,40,MEPDG,0.98506060000000,0.00000000000216
C5B3H2S2P2L1M2J2E2A2,MSP,OGAB,12,4,7,12,590,15,40,MNAVG,0.60050180000000,0.00000000000020
C5B3H2S2P2L1M2J2E2A3,MSP,OGAB,12,4,7,12,590,15,40,MNHVY,1.08800800000000,0.00000000000267
C5B3H2S2P2L1M3J1E1A1,MSP,OGAB,12,4,7,12,840,12,10,MEPDG,0.07907306000000,0.00001715831000
C5B3H2S2P2L1M3J1E1A2,MSP,OGAB,12,4,7,12,840,12,10,MNAVG,0.02727275000000,0.00000201564500
C5B3H2S2P2L1M3J1E1A3,MSP,OGAB,12,4,7,12,840,12,10,MNHVY,0.04005904000000,0.00002473733000
C5B3H2S2P2L1M3J1E2A1,MSP,OGAB,12,4,7,12,840,12,40,MEPDG,0.03041985000000,0.00000000000067
C5B3H2S2P2L1M3J1E2A2,MSP,OGAB,12,4,7,12,840,12,40,MNAVG,0.01086955000000,0.00000000000003
C5B3H2S2P2L1M3J1E2A3,MSP,OGAB,12,4,7,12,840,12,40,MNHVY,0.01476674000000,0.00000000000050
C5B3H2S2P2L1M3J2E1A1,MSP,OGAB,12,4,7,12,840,15,10,MEPDG,0.27579710000000,0.00312226200000
C5B3H2S2P2L1M3J2E1A2,MSP,OGAB,12,4,7,12,840,15,10,MNAVG,0.13037140000000,0.00044214250000
C5B3H2S2P2L1M3J2E1A3,MSP,OGAB,12,4,7,12,840,15,10,MNHVY,0.26428530000000,0.00488773700000
C5B3H2S2P2L1M3J2E2A1,MSP,OGAB,12,4,7,12,840,15,40,MEPDG,0.12112270000000,0.00133231500000
C5B3H2S2P2L1M3J2E2A2,MSP,OGAB,12,4,7,12,840,15,40,MNAVG,0.06013788000000,0.00017442830000
C5B3H2S2P2L1M3J2E2A3,MSP,OGAB,12,4,7,12,840,15,40,MNHVY,0.11424720000000,0.00196124400000
C5B3H2S2P2L2M1J1E1A1,MSP,OGAB,12,4,7,13,340,12,10,MEPDG,1.87316200000000,0.00000000054347
C5B3H2S2P2L2M1J1E1A2,MSP,OGAB,12,4,7,13,340,12,10,MNAVG,1.19554100000000,0.00000000003974
C5B3H2S2P2L2M1J1E1A3,MSP,OGAB,12,4,7,13,340,12,10,MNHVY,2.02938000000000,0.00000000056654
C5B3H2S2P2L2M1J1E2A1,MSP,OGAB,12,4,7,13,340,12,40,MEPDG,1.87316200000000,0.00000000054347
C5B3H2S2P2L2M1J1E2A2,MSP,OGAB,12,4,7,13,340,12,40,MNAVG,1.19554100000000,0.00000000003974
C5B3H2S2P2L2M1J1E2A3,MSP,OGAB,12,4,7,13,340,12,40,MNHVY,2.02938000000000,0.00000000056654
C5B3H2S2P2L2M1J2E1A1,MSP,OGAB,12,4,7,13,340,15,10,MEPDG,3.17790000000000,0.00000000113494
C5B3H2S2P2L2M1J2E1A2,MSP,OGAB,12,4,7,13,340,15,10,MNAVG,2.32786600000000,0.00000000014038
C5B3H2S2P2L2M1J2E1A3,MSP,OGAB,12,4,7,13,340,15,10,MNHVY,4.16139500000000,0.00000000177990
C5B3H2S2P2L2M1J2E2A1,MSP,OGAB,12,4,7,13,340,15,40,MEPDG,3.17790000000000,0.00000000113494
C5B3H2S2P2L2M1J2E2A2,MSP,OGAB,12,4,7,13,340,15,40,MNAVG,2.32786600000000,0.00000000014038
C5B3H2S2P2L2M1J2E2A3,MSP,OGAB,12,4,7,13,340,15,40,MNHVY,4.16139500000000,0.00000000177990
C5B3H2S2P2L2M2J1E1A1,MSP,OGAB,12,4,7,13,590,12,10,MEPDG,0.08675937000000,0.00000000153243
C5B3H2S2P2L2M2J1E1A2,MSP,OGAB,12,4,7,13,590,12,10,MNAVG,0.03988063000000,0.00000000016045
C5B3H2S2P2L2M2J1E1A3,MSP,OGAB,12,4,7,13,590,12,10,MNHVY,0.06118866000000,0.00000000228161
C5B3H2S2P2L2M2J1E2A1,MSP,OGAB,12,4,7,13,590,12,40,MEPDG,0.08675937000000,0.00000000153243
C5B3H2S2P2L2M2J1E2A2,MSP,OGAB,12,4,7,13,590,12,40,MNAVG,0.03988063000000,0.00000000016045
C5B3H2S2P2L2M2J1E2A3,MSP,OGAB,12,4,7,13,590,12,40,MNHVY,0.06118866000000,0.00000000228161
C5B3H2S2P2L2M2J2E1A1,MSP,OGAB,12,4,7,13,590,15,10,MEPDG,0.24602890000000,0.00000000000083
C5B3H2S2P2L2M2J2E1A2,MSP,OGAB,12,4,7,13,590,15,10,MNAVG,0.15093700000000,0.00000000000008
C5B3H2S2P2L2M2J2E1A3,MSP,OGAB,12,4,7,13,590,15,10,MNHVY,0.27540990000000,0.00000000000110
C5B3H2S2P2L2M2J2E2A1,MSP,OGAB,12,4,7,13,590,15,40,MEPDG,0.24602890000000,0.00000000000083
C5B3H2S2P2L2M2J2E2A2,MSP,OGAB,12,4,7,13,590,15,40,MNAVG,0.15093700000000,0.00000000000008
C5B3H2S2P2L2M2J2E2A3,MSP,OGAB,12,4,7,13,590,15,40,MNHVY,0.27540990000000,0.00000000000110
C5B3H2S2P2L2M3J1E1A1,MSP,OGAB,12,4,7,13,840,12,10,MEPDG,0.00636191400000,0.00000311183300
```

```
C5B3H2S2P2L2M3J1E1A2,MSP,OGAB,12,4,7,13,840,12,10,MNAVG,0.00225455900000,0.00000030793600
C5B3H2S2P2L2M3J1E1A3,MSP,OGAB,12,4,7,13,840,12,10,MNHVY,0.00302476200000,0.00000389630500
C5B3H2S2P2L2M3J1E2A1,MSP,OGAB,12,4,7,13,840,12,40,MEPDG,0.00636191400000,0.00000311183300
C5B3H2S2P2L2M3J1E2A2,MSP,OGAB,12,4,7,13,840,12,40,MNAVG,0.00225455900000,0.00000030793600
C5B3H2S2P2L2M3J1E2A3,MSP,OGAB,12,4,7,13,840,12,40,MNHVY,0.00302476200000,0.00000389630500
C5B3H2S2P2L2M3J2E1A1,MSP,OGAB,12,4,7,13,840,15,10,MEPDG,0.02881733000000,0.00048950630000
C5B3H2S2P2L2M3J2E1A2,MSP,OGAB,12,4,7,13,840,15,10,MNAVG,0.01443034000000,0.00006480994000
C5B3H2S2P2L2M3J2E1A3,MSP,OGAB,12,4,7,13,840,15,10,MNHVY,0.02765759000000,0.00073276060000
C5B3H2S2P2L2M3J2E2A1,MSP,OGAB,12,4,7,13,840,15,40,MEPDG,0.02881733000000,0.00048950630000
C5B3H2S2P2L2M3J2E2A2,MSP,OGAB,12,4,7,13,840,15,40,MNAVG,0.01443034000000,0.00006480994000
C5B3H2S2P2L2M3J2E2A3,MSP,OGAB,12,4,7,13,840,15,40,MNHVY,0.02765759000000,0.00073276060000
C5B3H2S2P3L1M1J1E1A1,MSP,OGAB,12,4,8,12,340,12,10,MEPDG,5.27980700000000,0.00000015312820
C5B3H2S2P3L1M1J1E1A2,MSP,OGAB,12,4,8,12,340,12,10,MNAVG,2.97048900000000,0.00000001403833
C5B3H2S2P3L1M1J1E1A3,MSP,OGAB,12,4,8,12,340,12,10,MNHVY,5.01324500000000,0.00000020372550
C5B3H2S2P3L1M1J1E2A1,MSP,OGAB,12,4,8,12,340,12,40,MEPDG,2.64781400000000,0.00000009207644
C5B3H2S2P3L1M1J1E2A2,MSP,OGAB,12,4,8,12,340,12,40,MNAVG,1.47887500000000,0.00000000865362
C5B3H2S2P3L1M1J1E2A3,MSP,OGAB,12,4,8,12,340,12,40,MNHVY,2.41139500000000,0.00000012377990
C5B3H2S2P3L1M1J2E1A1,MSP,OGAB,12,4,8,12,340,15,10,MEPDG,10.01228000000000,0.00000044437630
C5B3H2S2P3L1M1J2E1A2,MSP,OGAB,12,4,8,12,340,15,10,MNAVG,6.67666900000000,0.00000005967114
C5B3H2S2P3L1M1J2E1A3,MSP,OGAB,12,4,8,12,340,15,10,MNHVY,12.31501000000000,0.00000077048790
C5B3H2S2P3L1M1J2E2A1,MSP,OGAB,12,4,8,12,340,15,40,MEPDG,5.50004700000000,0.00000034255190
C5B3H2S2P3L1M1J2E2A2,MSP,OGAB,12,4,8,12,340,15,40,MNAVG,3.72831400000000,0.00000004821900
C5B3H2S2P3L1M1J2E2A3,MSP,OGAB,12,4,8,12,340,15,40,MNHVY,6.73157300000000,0.00000060467530
C5B3H2S2P3L1M2J1E1A1,MSP,OGAB,12,4,8,12,590,12,10,MEPDG,0.19558100000000,0.00000015861000
C5B3H2S2P3L1M2J1E1A2,MSP,OGAB,12,4,8,12,590,12,10,MNAVG,0.06893343000000,0.00000001856738
C5B3H2S2P3L1M2J1E1A3,MSP,OGAB,12,4,8,12,590,12,10,MNHVY,0.10557850000000,0.00000025589670
C5B3H2S2P3L1M2J1E2A1,MSP,OGAB,12,4,8,12,590,12,40,MEPDG,0.07741936000000,0.00000008090046
C5B3H2S2P3L1M2J1E2A2,MSP,OGAB,12,4,8,12,590,12,40,MNAVG,0.02827030000000,0.00000000899397
C5B3H2S2P3L1M2J1E2A3,MSP,OGAB,12,4,8,12,590,12,40,MNHVY,0.03968347000000,0.00000012259960
C5B3H2S2P3L1M2J2E1A1,MSP,OGAB,12,4,8,12,590,15,10,MEPDG,0.63430210000000,0.01584511000000
C5B3H2S2P3L1M2J2E1A2,MSP,OGAB,12,4,8,12,590,15,10,MNAVG,0.30376940000000,0.00256047300000
C5B3H2S2P3L1M2J2E1A3,MSP,OGAB,12,4,8,12,590,15,10,MNHVY,0.60640810000000,0.02795262000000
C5B3H2S2P3L1M2J2E2A1,MSP,OGAB,12,4,8,12,590,15,40,MEPDG,0.28833010000000,0.00726416800000
C5B3H2S2P3L1M2J2E2A2,MSP,OGAB,12,4,8,12,590,15,40,MNAVG,0.14559200000000,0.00114503200000
C5B3H2S2P3L1M2J2E2A3,MSP,OGAB,12,4,8,12,590,15,40,MNHVY,0.27225840000000,0.01257057000000
C5B3H2S2P3L1M3J1E1A1,MSP,OGAB,12,4,8,12,840,12,10,MEPDG,0.01176814000000,0.00010300160000
C5B3H2S2P3L1M3J1E1A2,MSP,OGAB,12,4,8,12,840,12,10,MNAVG,0.00314118500000,0.00000988385100
C5B3H2S2P3L1M3J1E1A3,MSP,OGAB,12,4,8,12,840,12,10,MNHVY,0.00395556300000,0.00012678050000
C5B3H2S2P3L1M3J1E2A1,MSP,OGAB,12,4,8,12,840,12,40,MEPDG,0.00379313200000,0.00000002053310
C5B3H2S2P3L1M3J1E2A2,MSP,OGAB,12,4,8,12,840,12,40,MNAVG,0.00111500800000,0.00000000164966
C5B3H2S2P3L1M3J1E2A3,MSP,OGAB,12,4,8,12,840,12,40,MNHVY,0.00126122000000,0.00000002255565
C5B3H2S2P3L1M3J2E1A1,MSP,OGAB,12,4,8,12,840,15,10,MEPDG,0.06151590000000,0.00187346000000
C5B3H2S2P3L1M3J2E1A2,MSP,OGAB,12,4,8,12,840,15,10,MNAVG,0.02140098000000,0.00026863110000
C5B3H2S2P3L1M3J2E1A3,MSP,OGAB,12,4,8,12,840,15,10,MNHVY,0.04538998000000,0.00309575200000
C5B3H2S2P3L1M3J2E2A1,MSP,OGAB,12,4,8,12,840,15,40,MEPDG,0.02339801000000,0.00080503940000
C5B3H2S2P3L1M3J2E2A2,MSP,OGAB,12,4,8,12,840,15,40,MNAVG,0.00882162100000,0.00010626600000
C5B3H2S2P3L1M3J2E2A3,MSP,OGAB,12,4,8,12,840,15,40,MNHVY,0.01677575000000,0.00124659200000
C5B3H2S2P3L2M1J1E1A1,MSP,OGAB,12,4,8,13,340,12,10,MEPDG,0.63000890000000,0.00000003449325
C5B3H2S2P3L2M1J1E1A2,MSP,OGAB,12,4,8,13,340,12,10,MNAVG,0.34377710000000,0.00000000335735
C5B3H2S2P3L2M1J1E1A3,MSP,OGAB,12,4,8,13,340,12,10,MNHVY,0.56123600000000,0.00000004764278
```

```
C5B3H2S2P3L2M1J1E2A1,MSP,OGAB,12,4,8,13,340,12,40,MEPDG,0.63000890000000,0.00000003449325
C5B3H2S2P3L2M1J1E2A2,MSP,OGAB,12,4,8,13,340,12,40,MNAVG,0.34377710000000,0.00000000335735
C5B3H2S2P3L2M1J1E2A3,MSP,OGAB,12,4,8,13,340,12,40,MNHVY,0.56123600000000,0.00000004764278
C5B3H2S2P3L2M1J2E1A1,MSP,OGAB,12,4,8,13,340,15,10,MEPDG,1.43072600000000,0.00000016072630
C5B3H2S2P3L2M1J2E1A2,MSP,OGAB,12,4,8,13,340,15,10,MNAVG,0.97358770000000,0.00000002367461
C5B3H2S2P3L2M1J2E1A3,MSP,OGAB,12,4,8,13,340,15,10,MNHVY,1.76253000000000,0.00000029134150
C5B3H2S2P3L2M1J2E2A1,MSP,OGAB,12,4,8,13,340,15,40,MEPDG,1.43072600000000,0.00000016072630
C5B3H2S2P3L2M1J2E2A2,MSP,OGAB,12,4,8,13,340,15,40,MNAVG,0.97358770000000,0.00000002367461
C5B3H2S2P3L2M1J2E2A3,MSP,OGAB,12,4,8,13,340,15,40,MNHVY,1.76253000000000,0.00000029134150
C5B3H2S2P3L2M2J1E1A1,MSP,OGAB,12,4,8,13,590,12,10,MEPDG,0.01656494000000,0.00001771859000
C5B3H2S2P3L2M2J1E1A2,MSP,OGAB,12,4,8,13,590,12,10,MNAVG,0.00600757100000,0.00000261157600
C5B3H2S2P3L2M2J1E1A3,MSP,OGAB,12,4,8,13,590,12,10,MNHVY,0.00834185600000,0.00003004600000
C5B3H2S2P3L2M2J1E2A1,MSP,OGAB,12,4,8,13,590,12,40,MEPDG,0.01656494000000,0.00001771859000
C5B3H2S2P3L2M2J1E2A2,MSP,OGAB,12,4,8,13,590,12,40,MNAVG,0.00600757100000,0.00000261157600
C5B3H2S2P3L2M2J1E2A3,MSP,OGAB,12,4,8,13,590,12,40,MNHVY,0.00834185600000,0.00003004600000
C5B3H2S2P3L2M2J2E1A1,MSP,OGAB,12,4,8,13,590,15,10,MEPDG,0.06901626000000,0.00000016024090
C5B3H2S2P3L2M2J2E1A2,MSP,OGAB,12,4,8,13,590,15,10,MNAVG,0.03515101000000,0.00000002634948
C5B3H2S2P3L2M2J2E1A3,MSP,OGAB,12,4,8,13,590,15,10,MNHVY,0.06563804000000,0.00000031247070
C5B3H2S2P3L2M2J2E2A1,MSP,OGAB,12,4,8,13,590,15,40,MEPDG,0.06901626000000,0.00000016024090
C5B3H2S2P3L2M2J2E2A2,MSP,OGAB,12,4,8,13,590,15,40,MNAVG,0.03515101000000,0.00000002634948
C5B3H2S2P3L2M2J2E2A3,MSP,OGAB,12,4,8,13,590,15,40,MNHVY,0.06563804000000,0.00000031247070
C5B3H2S2P3L2M3J1E1A1,MSP,OGAB,12,4,8,13,840,12,10,MEPDG,0.00073454360000,0.00000518889200
C5B3H2S2P3L2M3J1E1A2,MSP,OGAB,12,4,8,13,840,12,10,MNAVG,0.00021907500000,0.00000048374490
C5B3H2S2P3L2M3J1E1A3,MSP,OGAB,12,4,8,13,840,12,10,MNHVY,0.00024122070000,0.00000623388000
C5B3H2S2P3L2M3J1E2A1,MSP,OGAB,12,4,8,13,840,12,40,MEPDG,0.00073454360000,0.00000518889200
C5B3H2S2P3L2M3J1E2A2,MSP,OGAB,12,4,8,13,840,12,40,MNAVG,0.00021907500000,0.00000048374490
C5B3H2S2P3L2M3J1E2A3,MSP,OGAB,12,4,8,13,840,12,40,MNHVY,0.00024122070000,0.00000623388000
C5B3H2S2P3L2M3J2E1A1,MSP,OGAB,12,4,8,13,840,15,10,MEPDG,0.00515233200000,0.00031078310000
C5B3H2S2P3L2M3J2E1A2,MSP,OGAB,12,4,8,13,840,15,10,MNAVG,0.00196027200000,0.00004197521000
C5B3H2S2P3L2M3J2E1A3,MSP,OGAB,12,4,8,13,840,15,10,MNHVY,0.00369026100000,0.00048820070000
C5B3H2S2P3L2M3J2E2A1,MSP,OGAB,12,4,8,13,840,15,40,MEPDG,0.00515233200000,0.00031078310000
C5B3H2S2P3L2M3J2E2A2,MSP,OGAB,12,4,8,13,840,15,40,MNAVG,0.00196027200000,0.00004197521000
C5B3H2S2P3L2M3J2E2A3,MSP,OGAB,12,4,8,13,840,15,40,MNHVY,0.00369026100000,0.00048820070000
C5B3H2S2P4L1M1J1E1A1,MSP,OGAB,12,4,9,12,340,12,10,MEPDG,1.75921600000000,0.00000214980600
C5B3H2S2P4L1M1J1E1A2,MSP,OGAB,12,4,9,12,340,12,10,MNAVG,0.78909240000000,0.00000023962200
C5B3H2S2P4L1M1J1E1A3,MSP,OGAB,12,4,9,12,340,12,10,MNHVY,1.30798200000000,0.00000340035600
C5B3H2S2P4L1M1J1E2A1,MSP,OGAB,12,4,9,12,340,12,40,MEPDG,0.80134620000000,0.00000107261000
C5B3H2S2P4L1M1J1E2A2,MSP,OGAB,12,4,9,12,340,12,40,MNAVG,0.36423070000000,0.00000011899930
C5B3H2S2P4L1M1J1E2A3,MSP,OGAB,12,4,9,12,340,12,40,MNHVY,0.56588350000000,0.00000166787400
C5B3H2S2P4L1M1J2E1A1,MSP,OGAB,12,4,9,12,340,15,10,MEPDG,4.22268000000000,0.00000761137800
C5B3H2S2P4L1M1J2E1A2,MSP,OGAB,12,4,9,12,340,15,10,MNAVG,2.42722000000000,0.00000117269800
C5B3H2S2P4L1M1J2E1A3,MSP,OGAB,12,4,9,12,340,15,10,MNHVY,4.65951800000000,0.00001457663000
C5B3H2S2P4L1M1J2E2A1,MSP,OGAB,12,4,9,12,340,15,40,MEPDG,2.14780500000000,0.00000708650900
C5B3H2S2P4L1M1J2E2A2,MSP,OGAB,12,4,9,12,340,15,40,MNAVG,1.28194100000000,0.00000112655800
C5B3H2S2P4L1M1J2E2A3,MSP,OGAB,12,4,9,12,340,15,40,MNHVY,2.35181400000000,0.00001362820000
C5B3H2S2P4L1M2J1E1A1,MSP,OGAB,12,4,9,12,590,12,10,MEPDG,0.03771950000000,0.00156159800000
C5B3H2S2P4L1M2J1E1A2,MSP,OGAB,12,4,9,12,590,12,10,MNAVG,0.01021463000000,0.00017110740000
C5B3H2S2P4L1M2J1E1A3,MSP,OGAB,12,4,9,12,590,12,10,MNHVY,0.01360882000000,0.00218098200000
C5B3H2S2P4L1M2J1E2A1,MSP,OGAB,12,4,9,12,590,12,40,MEPDG,0.01305875000000,0.00015334490000
C5B3H2S2P4L1M2J1E2A2,MSP,OGAB,12,4,9,12,590,12,40,MNAVG,0.00387040200000,0.00001955138000
```

```
C5B3H2S2P4L1M2J1E2A3,MSP,OGAB,12,4,9,12,590,12,40,MNHVY,0.00466502900000,0.00024110120000
C5B3H2S2P4L1M2J2E1A1,MSP,OGAB,12,4,9,12,590,15,10,MEPDG,0.16760070000000,0.01172997000000
C5B3H2S2P4L1M2J2E1A2,MSP,OGAB,12,4,9,12,590,15,10,MNAVG,0.06170375000000,0.00188806000000
C5B3H2S2P4L1M2J2E1A3,MSP,OGAB,12,4,9,12,590,15,10,MNHVY,0.12620040000000,0.02131974000000
C5B3H2S2P4L1M2J2E2A1,MSP,OGAB,12,4,9,12,590,15,40,MEPDG,0.06774982000000,0.00547237900000
C5B3H2S2P4L1M2J2E2A2,MSP,OGAB,12,4,9,12,590,15,40,MNAVG,0.02700946000000,0.00083670850000
C5B3H2S2P4L1M2J2E2A3,MSP,OGAB,12,4,9,12,590,15,40,MNHVY,0.05014640000000,0.00957136300000
C5B3H2S2P4L1M3J1E1A1,MSP,OGAB,12,4,9,12,840,12,10,MEPDG,0.00151048300000,0.00001768069000
C5B3H2S2P4L1M3J1E1A2,MSP,OGAB,12,4,9,12,840,12,10,MNAVG,0.00035175070000,0.00000164415600
C5B3H2S2P4L1M3J1E1A3,MSP,OGAB,12,4,9,12,840,12,10,MNHVY,0.00036002650000,0.00002172012000
C5B3H2S2P4L1M3J1E2A1,MSP,OGAB,12,4,9,12,840,12,40,MEPDG,0.00042736690000,0.00000022674520
C5B3H2S2P4L1M3J1E2A2,MSP,OGAB,12,4,9,12,840,12,40,MNAVG,0.00011559600000,0.00000001923897
C5B3H2S2P4L1M3J1E2A3,MSP,OGAB,12,4,9,12,840,12,40,MNHVY,0.00011227790000,0.00000025931640
C5B3H2S2P4L1M3J2E1A1,MSP,OGAB,12,4,9,12,840,15,10,MEPDG,0.01027273000000,0.00083984340000
C5B3H2S2P4L1M3J2E1A2,MSP,OGAB,12,4,9,12,840,15,10,MNAVG,0.00262269300000,0.00011230850000
C5B3H2S2P4L1M3J2E1A3,MSP,OGAB,12,4,9,12,840,15,10,MNHVY,0.00516988100000,0.00136664000000
C5B3H2S2P4L1M3J2E2A1,MSP,OGAB,12,4,9,12,840,15,40,MEPDG,0.00335125200000,0.00030832220000
C5B3H2S2P4L1M3J2E2A2,MSP,OGAB,12,4,9,12,840,15,40,MNAVG,0.00096413810000,0.00003945423000
C5B3H2S2P4L1M3J2E2A3,MSP,OGAB,12,4,9,12,840,15,40,MNHVY,0.00164529700000,0.00048719410000
C5B3H2S2P4L2M1J1E1A1,MSP,OGAB,12,4,9,13,340,12,10,MEPDG,0.18247880000000,0.00000064424760
C5B3H2S2P4L2M1J1E1A2,MSP,OGAB,12,4,9,13,340,12,10,MNAVG,0.08140455000000,0.00000007420137
C5B3H2S2P4L2M1J1E1A3,MSP,OGAB,12,4,9,13,340,12,10,MNHVY,0.12530670000000,0.00000103063500
C5B3H2S2P4L2M1J1E2A1,MSP,OGAB,12,4,9,13,340,12,40,MEPDG,0.18247880000000,0.00000064424760
C5B3H2S2P4L2M1J1E2A2,MSP,OGAB,12,4,9,13,340,12,40,MNAVG,0.08140455000000,0.00000007420137
C5B3H2S2P4L2M1J1E2A3,MSP,OGAB,12,4,9,13,340,12,40,MNHVY,0.12530670000000,0.00000103063500
C5B3H2S2P4L2M1J2E1A1,MSP,OGAB,12,4,9,13,340,15,10,MEPDG,0.54282980000000,0.00000351296200
C5B3H2S2P4L2M1J2E1A2,MSP,OGAB,12,4,9,13,340,15,10,MNAVG,0.32660150000000,0.00000057353680
C5B3H2S2P4L2M1J2E1A3,MSP,OGAB,12,4,9,13,340,15,10,MNHVY,0.59776280000000,0.00000684016000
C5B3H2S2P4L2M1J2E2A1,MSP,OGAB,12,4,9,13,340,15,40,MEPDG,0.54282980000000,0.00000351296200
C5B3H2S2P4L2M1J2E2A2,MSP,OGAB,12,4,9,13,340,15,40,MNAVG,0.32660150000000,0.00000057353680
C5B3H2S2P4L2M1J2E2A3,MSP,OGAB,12,4,9,13,340,15,40,MNHVY,0.59776280000000,0.00000684016000
C5B3H2S2P4L2M2J1E1A1,MSP,OGAB,12,4,9,13,590,12,10,MEPDG,0.00257309000000,0.00000015259770
C5B3H2S2P4L2M2J1E1A2,MSP,OGAB,12,4,9,13,590,12,10,MNAVG,0.00076912460000,0.00000001633106
C5B3H2S2P4L2M2J1E1A3,MSP,OGAB,12,4,9,13,590,12,10,MNHVY,0.00088850660000,0.00000022421050
C5B3H2S2P4L2M2J1E2A1,MSP,OGAB,12,4,9,13,590,12,40,MEPDG,0.00257309000000,0.00000015259770
C5B3H2S2P4L2M2J1E2A2,MSP,OGAB,12,4,9,13,590,12,40,MNAVG,0.00076912460000,0.00000001633106
C5B3H2S2P4L2M2J1E2A3,MSP,OGAB,12,4,9,13,590,12,40,MNHVY,0.00088850660000,0.00000022421050
C5B3H2S2P4L2M2J2E1A1,MSP,OGAB,12,4,9,13,590,15,10,MEPDG,0.01502761000000,0.00236160900000
C5B3H2S2P4L2M2J2E1A2,MSP,OGAB,12,4,9,13,590,15,10,MNAVG,0.00603037800000,0.00037479570000
C5B3H2S2P4L2M2J2E1A3,MSP,OGAB,12,4,9,13,590,15,10,MNHVY,0.01094227000000,0.00420875000000
C5B3H2S2P4L2M2J2E2A1,MSP,OGAB,12,4,9,13,590,15,40,MEPDG,0.01502761000000,0.00236160900000
C5B3H2S2P4L2M2J2E2A2,MSP,OGAB,12,4,9,13,590,15,40,MNAVG,0.00603037800000,0.00037479570000
C5B3H2S2P4L2M2J2E2A3,MSP,OGAB,12,4,9,13,590,15,40,MNHVY,0.01094227000000,0.00420875000000
C5B3H2S2P4L2M3J1E1A1,MSP,OGAB,12,4,9,13,840,12,10,MEPDG,0.00007756837000,0.00000015587540
C5B3H2S2P4L2M3J1E1A2,MSP,OGAB,12,4,9,13,840,12,10,MNAVG,0.00002165504000,0.00000001322917
C5B3H2S2P4L2M3J1E1A3,MSP,OGAB,12,4,9,13,840,12,10,MNHVY,0.00002055505000,0.00000017707280
C5B3H2S2P4L2M3J1E2A1,MSP,OGAB,12,4,9,13,840,12,40,MEPDG,0.00007756837000,0.00000015587540
C5B3H2S2P4L2M3J1E2A2,MSP,OGAB,12,4,9,13,840,12,40,MNAVG,0.00002165504000,0.00000001322917
C5B3H2S2P4L2M3J1E2A3,MSP,OGAB,12,4,9,13,840,12,40,MNHVY,0.00002055505000,0.00000017707280
C5B3H2S2P4L2M3J2E1A1,MSP,OGAB,12,4,9,13,840,15,10,MEPDG,0.00068287340000,0.00012541990000
```

```
C5B3H2S2P4L2M3J2E1A2,MSP,OGAB,12,4,9,13,840,15,10,MNAVG,0.00020029100000,0.00001640147000
C5B3H2S2P4L2M3J2E1A3,MSP,OGAB,12,4,9,13,840,15,10,MNHVY,0.00033300600000,0.00020004860000
C5B3H2S2P4L2M3J2E2A1,MSP,OGAB,12,4,9,13,840,15,40,MEPDG,0.00068287340000,0.00012541990000
C5B3H2S2P4L2M3J2E2A2,MSP,OGAB,12,4,9,13,840,15,40,MNAVG,0.00020029100000,0.00001640147000
C5B3H2S2P4L2M3J2E2A3,MSP,OGAB,12,4,9,13,840,15,40,MNHVY,0.00033300600000,0.00020004860000
C5B3H2S2P5L1M1J1E1A1,MSP,OGAB,12,4,10,12,340,12,10,MEPDG,0.52438880000000,0.00001016521000
C5B3H2S2P5L1M1J1E1A2,MSP,OGAB,12,4,10,12,340,12,10,MNAVG,0.18228470000000,0.00000119472600
C5B3H2S2P5L1M1J1E1A3,MSP,OGAB,12,4,10,12,340,12,10,MNHVY,0.28704340000000,0.00001676353000
C5B3H2S2P5L1M1J1E2A1,MSP,OGAB,12,4,10,12,340,12,40,MEPDG,0.21367220000000,0.00000529502100
C5B3H2S2P5L1M1J1E2A2,MSP,OGAB,12,4,10,12,340,12,40,MNAVG,0.07709789000000,0.00000061519170
C5B3H2S2P5L1M1J1E2A3,MSP,OGAB,12,4,10,12,340,12,40,MNHVY,0.11021580000000,0.00000854224900
C5B3H2S2P5L1M1J2E1A1,MSP,OGAB,12,4,10,12,340,15,10,MEPDG,1.55726000000000,0.08036524000000
C5B3H2S2P5L1M1J2E1A2,MSP,OGAB,12,4,10,12,340,15,10,MNAVG,0.73804030000000,0.01441649000000
C5B3H2S2P5L1M1J2E1A3,MSP,OGAB,12,4,10,12,340,15,10,MNHVY,1.45206600000000,0.15898090000000
C5B3H2S2P5L1M1J2E2A1,MSP,OGAB,12,4,10,12,340,15,40,MEPDG,0.72529210000000,0.00002952615000
C5B3H2S2P5L1M1J2E2A2,MSP,OGAB,12,4,10,12,340,15,40,MNAVG,0.36427090000000,0.00000479729500
C5B3H2S2P5L1M1J2E2A3,MSP,OGAB,12,4,10,12,340,15,40,MNHVY,0.66817930000000,0.00005761587000
C5B3H2S2P5L1M2J1E1A1,MSP,OGAB,12,4,10,12,590,12,10,MEPDG,0.00669142000000,0.00012872270000
C5B3H2S2P5L1M2J1E1A2,MSP,OGAB,12,4,10,12,590,12,10,MNAVG,0.00153715100000,0.00001536827000
C5B3H2S2P5L1M2J1E1A3,MSP,OGAB,12,4,10,12,590,12,10,MNHVY,0.00173287200000,0.00020134920000
C5B3H2S2P5L1M2J1E2A1,MSP,OGAB,12,4,10,12,590,12,40,MEPDG,0.00196982300000,0.00000163746300
C5B3H2S2P5L1M2J1E2A2,MSP,OGAB,12,4,10,12,590,12,40,MNAVG,0.00052476360000,0.00000018079730
C5B3H2S2P5L1M2J1E2A3,MSP,OGAB,12,4,10,12,590,12,40,MNHVY,0.00052614130000,0.00000241759800
C5B3H2S2P5L1M2J2E1A1,MSP,OGAB,12,4,10,12,590,15,10,MEPDG,0.03587013000000,0.00633400400000
C5B3H2S2P5L1M2J2E1A2,MSP,OGAB,12,4,10,12,590,15,10,MNAVG,0.00991971600000,0.00092520100000
C5B3H2S2P5L1M2J2E1A3,MSP,OGAB,12,4,10,12,590,15,10,MNHVY,0.01912188000000,0.01117273000000
C5B3H2S2P5L1M2J2E2A1,MSP,OGAB,12,4,10,12,590,15,40,MEPDG,0.01282550000000,0.00000436656000
C5B3H2S2P5L1M2J2E2A2,MSP,OGAB,12,4,10,12,590,15,40,MNAVG,0.00397590900000,0.00000062918870
C5B3H2S2P5L1M2J2E2A3,MSP,OGAB,12,4,10,12,590,15,40,MNHVY,0.00679109600000,0.00000795045300
C5B3H2S2P5L1M3J1E1A1,MSP,OGAB,12,4,10,12,840,12,10,MEPDG,0.00019690740000,0.00001351200000
C5B3H2S2P5L1M3J1E1A2,MSP,OGAB,12,4,10,12,840,12,10,MNAVG,0.00004171465000,0.00000092134810
C5B3H2S2P5L1M3J1E1A3,MSP,OGAB,12,4,10,12,840,12,10,MNHVY,0.00003702157000,0.00001305338000
C5B3H2S2P5L1M3J1E2A1,MSP,OGAB,12,4,10,12,840,12,40,MEPDG,0.00004015449000,0.00000120300100
C5B3H2S2P5L1M3J1E2A2,MSP,OGAB,12,4,10,12,840,12,40,MNAVG,0.00001090340000,0.00000008732012
C5B3H2S2P5L1M3J1E2A3,MSP,OGAB,12,4,10,12,840,12,40,MNHVY,0.00000798050400,0.00000122919100
C5B3H2S2P5L1M3J2E1A1,MSP,OGAB,12,4,10,12,840,15,10,MEPDG,0.00138499800000,0.00029779990000
C5B3H2S2P5L1M3J2E1A2,MSP,OGAB,12,4,10,12,840,15,10,MNAVG,0.00027668950000,0.00003544785000
C5B3H2S2P5L1M3J2E1A3,MSP,OGAB,12,4,10,12,840,15,10,MNHVY,0.00044377580000,0.00045979210000
C5B3H2S2P5L1M3J2E2A1,MSP,OGAB,12,4,10,12,840,15,40,MEPDG,0.00040084280000,0.00000347756700
C5B3H2S2P5L1M3J2E2A2,MSP,OGAB,12,4,10,12,840,15,40,MNAVG,0.00009488601000,0.00000043286630
C5B3H2S2P5L1M3J2E2A3,MSP,OGAB,12,4,10,12,840,15,40,MNHVY,0.00013568530000,0.00000558652000
C5B3H2S2P5L2M1J1E1A1,MSP,OGAB,12,4,10,13,340,12,10,MEPDG,0.04627208000000,0.00000223861300
C5B3H2S2P5L2M1J1E1A2,MSP,OGAB,12,4,10,13,340,12,10,MNAVG,0.01654332000000,0.00000026377630
C5B3H2S2P5L2M1J1E1A3,MSP,OGAB,12,4,10,13,340,12,10,MNHVY,0.02312981000000,0.00000364624300
C5B3H2S2P5L2M1J1E2A1,MSP,OGAB,12,4,10,13,340,12,40,MEPDG,0.04627208000000,0.00000223861300
C5B3H2S2P5L2M1J1E2A2,MSP,OGAB,12,4,10,13,340,12,40,MNAVG,0.01654332000000,0.00000026377630
C5B3H2S2P5L2M1J1E2A3,MSP,OGAB,12,4,10,13,340,12,40,MNHVY,0.02312981000000,0.00000364624300
C5B3H2S2P5L2M1J2E1A1,MSP,OGAB,12,4,10,13,340,15,10,MEPDG,0.17555510000000,0.00001514739000
C5B3H2S2P5L2M1J2E1A2,MSP,OGAB,12,4,10,13,340,15,10,MNAVG,0.08909202000000,0.00000251259400
C5B3H2S2P5L2M1J2E1A3,MSP,OGAB,12,4,10,13,340,15,10,MNHVY,0.16197060000000,0.00002981915000
```

```
C5B3H2S2P5L2M1J2E2A1,MSP,OGAB,12,4,10,13,340,15,40,MEPDG,0.17555510000000,0.00001514739000
C5B3H2S2P5L2M1J2E2A2,MSP,OGAB,12,4,10,13,340,15,40,MNAVG,0.08909202000000,0.00000251259400
C5B3H2S2P5L2M1J2E2A3,MSP,OGAB,12,4,10,13,340,15,40,MNHVY,0.16197060000000,0.00002981915000
C5B3H2S2P5L2M2J1E1A1,MSP,OGAB,12,4,10,13,590,12,10,MEPDG,0.00036693190000,0.00000072743170
C5B3H2S2P5L2M2J1E1A2,MSP,OGAB,12,4,10,13,590,12,10,MNAVG,0.00010110100000,0.00000008123331
C5B3H2S2P5L2M2J1E1A3,MSP,OGAB,12,4,10,13,590,12,10,MNHVY,0.00009776621000,0.00000108014500
C5B3H2S2P5L2M2J1E2A1,MSP,OGAB,12,4,10,13,590,12,40,MEPDG,0.00036693190000,0.00000072743170
C5B3H2S2P5L2M2J1E2A2,MSP,OGAB,12,4,10,13,590,12,40,MNAVG,0.00010110100000,0.00000008123331
C5B3H2S2P5L2M2J1E2A3,MSP,OGAB,12,4,10,13,590,12,40,MNHVY,0.00009776621000,0.00000108014500
C5B3H2S2P5L2M2J2E1A1,MSP,OGAB,12,4,10,13,590,15,10,MEPDG,0.00272205600000,0.00125190400000
C5B3H2S2P5L2M2J2E1A2,MSP,OGAB,12,4,10,13,590,15,10,MNAVG,0.00086153340000,0.00018838120000
C5B3H2S2P5L2M2J2E1A3,MSP,OGAB,12,4,10,13,590,15,10,MNHVY,0.00144143100000,0.00224029200000
C5B3H2S2P5L2M2J2E2A1,MSP,OGAB,12,4,10,13,590,15,40,MEPDG,0.00272205600000,0.00125190400000
C5B3H2S2P5L2M2J2E2A2,MSP,OGAB,12,4,10,13,590,15,40,MNAVG,0.00086153340000,0.00018838120000
C5B3H2S2P5L2M2J2E2A3,MSP,OGAB,12,4,10,13,590,15,40,MNHVY,0.00144143100000,0.00224029200000
C5B3H2S2P5L2M3J1E1A1,MSP,OGAB,12,4,10,13,840,12,10,MEPDG,0.00000660786600,0.00000050821340
C5B3H2S2P5L2M3J1E1A2,MSP,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000189477900,0.00000003628927
C5B3H2S2P5L2M3J1E1A3,MSP,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000133973500,0.00000050995990
C5B3H2S2P5L2M3J1E2A1,MSP,OGAB,12,4,10,13,840,12,40,MEPDG,0.00000660786600,0.00000050821340
C5B3H2S2P5L2M3J1E2A2,MSP,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000189477900,0.00000003628927
C5B3H2S2P5L2M3J1E2A3,MSP,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000133973500,0.00000050995990
C5B3H2S2P5L2M3J2E1A1,MSP,OGAB,12,4,10,13,840,15,10,MEPDG,0.00007630690000,0.00003928804000
C5B3H2S2P5L2M3J2E1A2,MSP,OGAB,12,4,10,13,840,15,10,MNAVG,0.00001869308000,0.00000478311000
C5B3H2S2P5L2M3J2E1A3,MSP,OGAB,12,4,10,13,840,15,10,MNHVY,0.00002602329000,0.00006112691000
C5B3H2S2P5L2M3J2E2A1,MSP,OGAB,12,4,10,13,840,15,40,MEPDG,0.00007630690000,0.00003928804000
C5B3H2S2P5L2M3J2E2A2,MSP,OGAB,12,4,10,13,840,15,40,MNAVG,0.00001869308000,0.00000478311000
C5B3H2S2P5L2M3J2E2A3,MSP,OGAB,12,4,10,13,840,15,40,MNHVY,0.00002602329000,0.00006112691000
C5B3H2S2P6L1M1J1E1A1,MSP,OGAB,12,4,11,12,340,12,10,MEPDG,0.14432740000000,0.00010478350000
C5B3H2S2P6L1M1J1E1A2,MSP,OGAB,12,4,11,12,340,12,10,MNAVG,0.03942890000000,0.00001558900000
C5B3H2S2P6L1M1J1E1A3,MSP,OGAB,12,4,11,12,340,12,10,MNHVY,0.05676781000000,0.00019712330000
C5B3H2S2P6L1M1J1E2A1,MSP,OGAB,12,4,11,12,340,12,40,MEPDG,0.05246268000000,0.00006392577000
C5B3H2S2P6L1M1J1E2A2,MSP,OGAB,12,4,11,12,340,12,40,MNAVG,0.01544877000000,0.00000949671100
C5B3H2S2P6L1M1J1E2A3,MSP,OGAB,12,4,11,12,340,12,40,MNHVY,0.01968655000000,0.00011853270000
C5B3H2S2P6L1M1J2E1A1,MSP,OGAB,12,4,11,12,340,15,10,MEPDG,0.51461680000000,0.07136758000000
C5B3H2S2P6L1M1J2E1A2,MSP,OGAB,12,4,11,12,340,15,10,MNAVG,0.19444200000000,0.01183487000000
C5B3H2S2P6L1M1J2E1A3,MSP,OGAB,12,4,11,12,340,15,10,MNHVY,0.38253810000000,0.13880750000000
C5B3H2S2P6L1M1J2E2A1,MSP,OGAB,12,4,11,12,340,15,40,MEPDG,0.21744890000000,0.00010531110000
C5B3H2S2P6L1M1J2E2A2,MSP,OGAB,12,4,11,12,340,15,40,MNAVG,0.08884855000000,0.00001703993000
C5B3H2S2P6L1M1J2E2A3,MSP,OGAB,12,4,11,12,340,15,40,MNHVY,0.15887880000000,0.00020546500000
C5B3H2S2P6L1M2J1E1A1,MSP,OGAB,12,4,11,12,590,12,10,MEPDG,0.00117239700000,0.00001760231000
C5B3H2S2P6L1M2J1E1A2,MSP,OGAB,12,4,11,12,590,12,10,MNAVG,0.00024481950000,0.00000181976800
C5B3H2S2P6L1M2J1E1A3,MSP,OGAB,12,4,11,12,590,12,10,MNHVY,0.00023271500000,0.00002583643000
C5B3H2S2P6L1M2J1E2A1,MSP,OGAB,12,4,11,12,590,12,40,MEPDG,0.00029913820000,0.00001108136000
C5B3H2S2P6L1M2J1E2A2,MSP,OGAB,12,4,11,12,590,12,40,MNAVG,0.00007641821000,0.00000109036700
C5B3H2S2P6L1M2J1E2A3,MSP,OGAB,12,4,11,12,590,12,40,MNHVY,0.00006480021000,0.00001533455000
C5B3H2S2P6L1M2J2E1A1,MSP,OGAB,12,4,11,12,590,15,10,MEPDG,0.00664468900000,0.00297009000000
C5B3H2S2P6L1M2J2E1A2,MSP,OGAB,12,4,11,12,590,15,10,MNAVG,0.00143302100000,0.00038141240000
C5B3H2S2P6L1M2J2E1A3,MSP,OGAB,12,4,11,12,590,15,10,MNHVY,0.00233667700000,0.00495679400000
C5B3H2S2P6L1M2J2E2A1,MSP,OGAB,12,4,11,12,590,15,40,MEPDG,0.00204757900000,0.00003390448000
C5B3H2S2P6L1M2J2E2A2,MSP,OGAB,12,4,11,12,590,15,40,MNAVG,0.00051342160000,0.00000500391600
```

```
C5B3H2S2P6L1M2J2E2A3,MSP,OGAB,12,4,11,12,590,15,40,MNHVY,0.00072146150000,0.00006247366000
C5B3H2S2P6L1M3J1E1A1,MSP,OGAB,12,4,11,12,840,12,10,MEPDG,0.00002242638000,0.00000140117600
C5B3H2S2P6L1M3J1E1A2,MSP,OGAB,12,4,11,12,840,12,10,MNAVG,0.00000442973000,0.00000009441639
C5B3H2S2P6L1M3J1E1A3,MSP,OGAB,12,4,11,12,840,12,10,MNHVY,0.00000311491100,0.00000141071800
C5B3H2S2P6L1M3J1E2A1,MSP,OGAB,12,4,11,12,840,12,40,MEPDG,0.00000427252700,0.00000096170750
C5B3H2S2P6L1M3J1E2A2,MSP,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000111061200,0.00000005807002
C5B3H2S2P6L1M3J1E2A3,MSP,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000070874690,0.00000085889330
C5B3H2S2P6L1M3J2E1A1,MSP,OGAB,12,4,11,12,840,15,10,MEPDG,0.00016187200000,0.00001003086000
C5B3H2S2P6L1M3J2E1A2,MSP,OGAB,12,4,11,12,840,15,10,MNAVG,0.00002763538000,0.00000114571600
C5B3H2S2P6L1M3J2E1A3,MSP,OGAB,12,4,11,12,840,15,10,MNHVY,0.00003432600000,0.00001575850000
C5B3H2S2P6L1M3J2E2A1,MSP,OGAB,12,4,11,12,840,15,40,MEPDG,0.00003852993000,0.00000591067400
C5B3H2S2P6L1M3J2E2A2,MSP,OGAB,12,4,11,12,840,15,40,MNAVG,0.00000822166400,0.00000064798510
C5B3H2S2P6L1M3J2E2A3,MSP,OGAB,12,4,11,12,840,15,40,MNHVY,0.00000876248000,0.00000882799900
C5B3H2S2P6L2M1J1E1A1,MSP,OGAB,12,4,11,13,340,12,10,MEPDG,0.01078132000000,0.00002991652000
C5B3H2S2P6L2M1J1E1A2,MSP,OGAB,12,4,11,13,340,12,10,MNAVG,0.00319833500000,0.00000450269500
C5B3H2S2P6L2M1J1E1A3,MSP,OGAB,12,4,11,13,340,12,10,MNHVY,0.00393700000000,0.00005592320000
C5B3H2S2P6L2M1J1E2A1,MSP,OGAB,12,4,11,13,340,12,40,MEPDG,0.01078132000000,0.00002991652000
C5B3H2S2P6L2M1J1E2A2,MSP,OGAB,12,4,11,13,340,12,40,MNAVG,0.00319833500000,0.00000450269500
C5B3H2S2P6L2M1J1E2A3,MSP,OGAB,12,4,11,13,340,12,40,MNHVY,0.00393700000000,0.00005592320000
C5B3H2S2P6L2M1J2E1A1,MSP,OGAB,12,4,11,13,340,15,10,MEPDG,0.05000813000000,0.00005616006000
C5B3H2S2P6L2M1J2E1A2,MSP,OGAB,12,4,11,13,340,15,10,MNAVG,0.02070275000000,0.00000925042100
C5B3H2S2P6L2M1J2E1A3,MSP,OGAB,12,4,11,13,340,15,10,MNHVY,0.03638339000000,0.00011036320000
C5B3H2S2P6L2M1J2E2A1,MSP,OGAB,12,4,11,13,340,15,40,MEPDG,0.05000813000000,0.00005616006000
C5B3H2S2P6L2M1J2E2A2,MSP,OGAB,12,4,11,13,340,15,40,MNAVG,0.02070275000000,0.00000925042100
C5B3H2S2P6L2M1J2E2A3,MSP,OGAB,12,4,11,13,340,15,40,MNHVY,0.03638339000000,0.00011036320000
C5B3H2S2P6L2M2J1E1A1,MSP,OGAB,12,4,11,13,590,12,10,MEPDG,0.00005230082000,0.00000498126400
C5B3H2S2P6L2M2J1E1A2,MSP,OGAB,12,4,11,13,590,12,10,MNAVG,0.00001405696000,0.00000049156470
C5B3H2S2P6L2M2J1E1A3,MSP,OGAB,12,4,11,13,590,12,10,MNHVY,0.00001148144000,0.00000689812500
C5B3H2S2P6L2M2J1E2A1,MSP,OGAB,12,4,11,13,590,12,40,MEPDG,0.00005230082000,0.00000498126400
C5B3H2S2P6L2M2J1E2A2,MSP,OGAB,12,4,11,13,590,12,40,MNAVG,0.00001405696000,0.00000049156470
C5B3H2S2P6L2M2J1E2A3,MSP,OGAB,12,4,11,13,590,12,40,MNHVY,0.00001148144000,0.00000689812500
C5B3H2S2P6L2M2J2E1A1,MSP,OGAB,12,4,11,13,590,15,10,MEPDG,0.00040276240000,0.00067825110000
C5B3H2S2P6L2M2J2E1A2,MSP,OGAB,12,4,11,13,590,15,10,MNAVG,0.00010433890000,0.00008869314000
C5B3H2S2P6L2M2J2E1A3,MSP,OGAB,12,4,11,13,590,15,10,MNHVY,0.00014151800000,0.00113260100000
C5B3H2S2P6L2M2J2E2A1,MSP,OGAB,12,4,11,13,590,15,40,MEPDG,0.00040276240000,0.00067825110000
C5B3H2S2P6L2M2J2E2A2,MSP,OGAB,12,4,11,13,590,15,40,MNAVG,0.00010433890000,0.00008869314000
C5B3H2S2P6L2M2J2E2A3,MSP,OGAB,12,4,11,13,590,15,40,MNHVY,0.00014151800000,0.00113260100000
C5B3H2S2P6L2M3J1E1A1,MSP,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000066787370,0.00000039093090
C5B3H2S2P6L2M3J1E1A2,MSP,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000018571780,0.00000002325276
C5B3H2S2P6L2M3J1E1A3,MSP,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000011525060,0.00000034326190
C5B3H2S2P6L2M3J1E2A1,MSP,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000066787370,0.00000039093090
C5B3H2S2P6L2M3J1E2A2,MSP,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000018571780,0.00000002325276
C5B3H2S2P6L2M3J1E2A3,MSP,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000011525060,0.00000034326190
C5B3H2S2P6L2M3J2E1A1,MSP,OGAB,12,4,11,13,840,15,10,MEPDG,0.00000701514100,0.00000310245600
C5B3H2S2P6L2M3J2E1A2,MSP,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000156778600,0.00000034014410
C5B3H2S2P6L2M3J2E1A3,MSP,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000166953700,0.00000462105800
C5B3H2S2P6L2M3J2E2A1,MSP,OGAB,12,4,11,13,840,15,40,MEPDG,0.00000701514100,0.00000310245600
C5B3H2S2P6L2M3J2E2A2,MSP,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000156778600,0.00000034014410
C5B3H2S2P6L2M3J2E2A3,MSP,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000166953700,0.00000462105800
C5B3H2S2P7L1M1J1E1A1,MSP,OGAB,12,4,12,12,340,12,10,MEPDG,0.03914398000000,0.00325093100000
```

```
C5B3H2S2P7L1M1J1E1A2,MSP,OGAB,12,4,12,12,340,12,10,MNAVG,0.00886436100000,0.00038910320000
C5B3H2S2P7L1M1J1E1A3,MSP,OGAB,12,4,12,12,340,12,10,MNHVY,0.01140971000000,0.00533022400000
C5B3H2S2P7L1M1J1E2A1,MSP,OGAB,12,4,12,12,340,12,40,MEPDG,0.01269435000000,0.00020101060000
C5B3H2S2P7L1M1J1E2A2,MSP,OGAB,12,4,12,12,340,12,40,MNAVG,0.00326043200000,0.00002589538000
C5B3H2S2P7L1M1J1E2A3,MSP,OGAB,12,4,12,12,340,12,40,MNHVY,0.00365527200000,0.00034522190000
C5B3H2S2P7L1M1J2E1A1,MSP,OGAB,12,4,12,12,340,15,10,MEPDG,0.15345360000000,0.00102570500000
C5B3H2S2P7L1M1J2E1A2,MSP,OGAB,12,4,12,12,340,15,10,MNAVG,0.04472813000000,0.00017507270000
C5B3H2S2P7L1M1J2E1A3,MSP,OGAB,12,4,12,12,340,15,10,MNHVY,0.08343527000000,0.00205771200000
C5B3H2S2P7L1M1J2E2A1,MSP,OGAB,12,4,12,12,340,15,40,MEPDG,0.05812989000000,0.00063521300000
C5B3H2S2P7L1M1J2E2A2,MSP,OGAB,12,4,12,12,340,15,40,MNAVG,0.01876723000000,0.00010950770000
C5B3H2S2P7L1M1J2E2A3,MSP,OGAB,12,4,12,12,340,15,40,MNHVY,0.03096364000000,0.00126606100000
C5B3H2S2P7L1M2J1E1A1,MSP,OGAB,12,4,12,12,590,12,10,MEPDG,0.00022211650000,0.00001865157000
C5B3H2S2P7L1M2J1E1A2,MSP,OGAB,12,4,12,12,590,12,10,MNAVG,0.00004195011000,0.00000158455400
C5B3H2S2P7L1M2J1E1A3,MSP,OGAB,12,4,12,12,590,12,10,MNHVY,0.00003636844000,0.00002347059000
C5B3H2S2P7L1M2J1E2A1,MSP,OGAB,12,4,12,12,590,12,40,MEPDG,0.00005012909000,0.00001285975000
C5B3H2S2P7L1M2J1E2A2,MSP,OGAB,12,4,12,12,590,12,40,MNAVG,0.00001209129000,0.00000104776400
C5B3H2S2P7L1M2J1E2A3,MSP,OGAB,12,4,12,12,590,12,40,MNHVY,0.00000934305500,0.00001541012000
C5B3H2S2P7L1M2J2E1A1,MSP,OGAB,12,4,12,12,590,15,10,MEPDG,0.00109173100000,0.00084558390000
C5B3H2S2P7L1M2J2E1A2,MSP,OGAB,12,4,12,12,590,15,10,MNAVG,0.00019711570000,0.00010366290000
C5B3H2S2P7L1M2J2E1A3,MSP,OGAB,12,4,12,12,590,15,10,MNHVY,0.00025135290000,0.00140475200000
C5B3H2S2P7L1M2J2E2A1,MSP,OGAB,12,4,12,12,590,15,40,MEPDG,0.00029433540000,0.00007268782000
C5B3H2S2P7L1M2J2E2A2,MSP,OGAB,12,4,12,12,590,15,40,MNAVG,0.00006515597000,0.00000952165800
C5B3H2S2P7L1M2J2E2A3,MSP,OGAB,12,4,12,12,590,15,40,MNHVY,0.00007247001000,0.00012580270000
C5B3H2S2P7L1M3J1E1A1,MSP,OGAB,12,4,12,12,840,12,10,MEPDG,0.00000357140300,0.00000087620340
C5B3H2S2P7L1M3J1E1A2,MSP,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000059078080,0.00000004862936
C5B3H2S2P7L1M3J1E1A3,MSP,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000039071440,0.00000073532210
C5B3H2S2P7L1M3J1E2A1,MSP,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000062730710,0.00000063919120
C5B3H2S2P7L1M3J1E2A2,MSP,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000014137970,0.00000003253582
C5B3H2S2P7L1M3J1E2A3,MSP,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000008516881,0.00000048857890
C5B3H2S2P7L1M3J2E1A1,MSP,OGAB,12,4,12,12,840,15,10,MEPDG,0.00001905112000,0.00000903712300
C5B3H2S2P7L1M3J2E1A2,MSP,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000287093500,0.00000086677280
C5B3H2S2P7L1M3J2E1A3,MSP,OGAB,12,4,12,12,840,15,10,MNHVY,0.00000286777900,0.00001255520000
C5B3H2S2P7L1M3J2E2A1,MSP,OGAB,12,4,12,12,840,15,40,MEPDG,0.00000420572000,0.00002117520000
C5B3H2S2P7L1M3J2E2A2,MSP,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000081805140,0.00000184350900
C5B3H2S2P7L1M3J2E2A3,MSP,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000075177000,0.00002641884000
C5B3H2S2P7L2M1J1E1A1,MSP,OGAB,12,4,12,13,340,12,10,MEPDG,0.00247971200000,0.00009576046000
C5B3H2S2P7L2M1J1E1A2,MSP,OGAB,12,4,12,13,340,12,10,MNAVG,0.00065515390000,0.00001244164000
C5B3H2S2P7L2M1J1E1A3,MSP,OGAB,12,4,12,13,340,12,10,MNHVY,0.00070391780000,0.00016529280000
C5B3H2S2P7L2M1J1E2A1,MSP,OGAB,12,4,12,13,340,12,40,MEPDG,0.00247971200000,0.00009576046000
C5B3H2S2P7L2M1J1E2A2,MSP,OGAB,12,4,12,13,340,12,40,MNAVG,0.00065515390000,0.00001244164000
C5B3H2S2P7L2M1J1E2A3,MSP,OGAB,12,4,12,13,340,12,40,MNHVY,0.00070391780000,0.00016529280000
C5B3H2S2P7L2M1J2E1A1,MSP,OGAB,12,4,12,13,340,15,10,MEPDG,0.01258860000000,0.00035211960000
C5B3H2S2P7L2M1J2E1A2,MSP,OGAB,12,4,12,13,340,15,10,MNAVG,0.00413852100000,0.00006166801000
C5B3H2S2P7L2M1J2E1A3,MSP,OGAB,12,4,12,13,340,15,10,MNHVY,0.00663165400000,0.00070551010000
C5B3H2S2P7L2M1J2E2A1,MSP,OGAB,12,4,12,13,340,15,40,MEPDG,0.01258860000000,0.00035211960000
C5B3H2S2P7L2M1J2E2A2,MSP,OGAB,12,4,12,13,340,15,40,MNAVG,0.00413852100000,0.00006166801000
C5B3H2S2P7L2M1J2E2A3,MSP,OGAB,12,4,12,13,340,15,40,MNHVY,0.00663165400000,0.00070551010000
C5B3H2S2P7L2M2J1E1A1,MSP,OGAB,12,4,12,13,590,12,10,MEPDG,0.00000837176600,0.00000554499700
C5B3H2S2P7L2M2J1E1A2,MSP,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000214810600,0.00000045396800
C5B3H2S2P7L2M2J1E1A3,MSP,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000160499000,0.00000666178200
```

```
C5B3H2S2P7L2M2J1E2A1,MSP,OGAB,12,4,12,13,590,12,40,MEPDG,0.00000837176600,0.00000554499700
C5B3H2S2P7L2M2J1E2A2,MSP,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000214810600,0.00000045396800
C5B3H2S2P7L2M2J1E2A3,MSP,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000160499000,0.00000666178200
C5B3H2S2P7L2M2J2E1A1,MSP,OGAB,12,4,12,13,590,15,10,MEPDG,0.00005406548000,0.00033437010000
C5B3H2S2P7L2M2J2E1A2,MSP,OGAB,12,4,12,13,590,15,10,MNAVG,0.00001257982000,0.00003851100000
C5B3H2S2P7L2M2J2E1A3,MSP,OGAB,12,4,12,13,590,15,10,MNHVY,0.00001349711000,0.00051835890000
C5B3H2S2P7L2M2J2E2A1,MSP,OGAB,12,4,12,13,590,15,40,MEPDG,0.00005406548000,0.00033437010000
C5B3H2S2P7L2M2J2E2A2,MSP,OGAB,12,4,12,13,590,15,40,MNAVG,0.00001257982000,0.00003851100000
C5B3H2S2P7L2M2J2E2A3,MSP,OGAB,12,4,12,13,590,15,40,MNHVY,0.00001349711000,0.00051835890000
C5B3H2S2P7L2M3J1E1A1,MSP,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000009331315,0.00000026744560
C5B3H2S2P7L2M3J1E1A2,MSP,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000002289836,0.00000001345958
C5B3H2S2P7L2M3J1E1A3,MSP,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000001334690,0.00000020179380
C5B3H2S2P7L2M3J1E2A1,MSP,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000009331315,0.00000026744560
C5B3H2S2P7L2M3J1E2A2,MSP,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000002289836,0.00000001345958
C5B3H2S2P7L2M3J1E2A3,MSP,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000001334690,0.00000020179380
C5B3H2S2P7L2M3J2E1A1,MSP,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000069562110,0.00000311912500
C5B3H2S2P7L2M3J2E1A2,MSP,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000014430450,0.00000028879210
C5B3H2S2P7L2M3J2E1A3,MSP,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000012822700,0.00000413061300
C5B3H2S2P7L2M3J2E2A1,MSP,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000069562110,0.00000311912500
C5B3H2S2P7L2M3J2E2A2,MSP,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000014430450,0.00000028879210
C5B3H2S2P7L2M3J2E2A3,MSP,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000012822700,0.00000413061300
C6B1H1S1P1L1M1J1E1A1,ROC,CL5S,4,12,6,12,340,12,10,MEPDG,166.11940000000000,2.57974800000000
C6B1H1S1P1L1M1J1E1A2,ROC,CL5S,4,12,6,12,340,12,10,MNAVG,137.71070000000000,0.34563590000000
C6B1H1S1P1L1M1J1E1A3,ROC,CL5S,4,12,6,12,340,12,10,MNHVY,241.70360000000000,3.91465700000000
C6B1H1S1P1L1M1J1E2A1,ROC,CL5S,4,12,6,12,340,12,40,MEPDG,102.95310000000000,1.49914300000000
C6B1H1S1P1L1M1J1E2A2,ROC,CL5S,4,12,6,12,340,12,40,MNAVG,79.83882000000000,0.19356460000000
C6B1H1S1P1L1M1J1E2A3,ROC,CL5S,4,12,6,12,340,12,40,MNHVY,144.55800000000000,2.22028900000000
C6B1H1S1P1L1M1J2E1A1,ROC,CL5S,4,12,6,12,340,15,10,MEPDG,192.45820000000000,2.54929300000000
C6B1H1S1P1L1M1J2E1A2,ROC,CL5S,4,12,6,12,340,15,10,MNAVG,163.11450000000000,0.47181140000000
C6B1H1S1P1L1M1J2E1A3,ROC,CL5S,4,12,6,12,340,15,10,MNHVY,289.64270000000000,4.62191100000000
C6B1H1S1P1L1M1J2E2A1,ROC,CL5S,4,12,6,12,340,15,40,MEPDG,121.17590000000000,1.50037800000000
C6B1H1S1P1L1M1J2E2A2,ROC,CL5S,4,12,6,12,340,15,40,MNAVG,96.61040000000000,0.27757020000000
C6B1H1S1P1L1M1J2E2A3,ROC,CL5S,4,12,6,12,340,15,40,MNHVY,177.09930000000000,2.72252700000000
C6B1H1S1P1L1M2J1E1A1,ROC,CL5S,4,12,6,12,590,12,10,MEPDG,11.00093000000000,0.25714520000000
C6B1H1S1P1L1M2J1E1A2,ROC,CL5S,4,12,6,12,590,12,10,MNAVG,7.10752200000000,0.03364158000000
C6B1H1S1P1L1M2J1E1A3,ROC,CL5S,4,12,6,12,590,12,10,MNHVY,11.24511000000000,0.37192980000000
C6B1H1S1P1L1M2J1E2A1,ROC,CL5S,4,12,6,12,590,12,40,MEPDG,5.84586700000000,0.13269480000000
C6B1H1S1P1L1M2J1E2A2,ROC,CL5S,4,12,6,12,590,12,40,MNAVG,3.57309000000000,0.01551245000000
C6B1H1S1P1L1M2J1E2A3,ROC,CL5S,4,12,6,12,590,12,40,MNHVY,5.65615300000000,0.17800970000000
C6B1H1S1P1L1M2J2E1A1,ROC,CL5S,4,12,6,12,590,15,10,MEPDG,16.58004000000000,0.57411160000000
C6B1H1S1P1L1M2J2E1A2,ROC,CL5S,4,12,6,12,590,15,10,MNAVG,11.82278000000000,0.10789770000000
C6B1H1S1P1L1M2J2E1A3,ROC,CL5S,4,12,6,12,590,15,10,MNHVY,19.85457000000000,1.03685800000000
C6B1H1S1P1L1M2J2E2A1,ROC,CL5S,4,12,6,12,590,15,40,MEPDG,9.30520500000000,0.29418040000000
C6B1H1S1P1L1M2J2E2A2,ROC,CL5S,4,12,6,12,590,15,40,MNAVG,6.39705900000000,0.05294007000000
C6B1H1S1P1L1M2J2E2A3,ROC,CL5S,4,12,6,12,590,15,40,MNHVY,10.84305000000000,0.52308490000000
C6B1H1S1P1L1M3J1E1A1,ROC,CL5S,4,12,6,12,840,12,10,MEPDG,1.27472000000000,0.03093413000000
C6B1H1S1P1L1M3J1E1A2,ROC,CL5S,4,12,6,12,840,12,10,MNAVG,0.62746800000000,0.00327233000000
C6B1H1S1P1L1M3J1E1A3,ROC,CL5S,4,12,6,12,840,12,10,MNHVY,0.91969660000000,0.03914053000000
C6B1H1S1P1L1M3J1E2A1,ROC,CL5S,4,12,6,12,840,12,40,MEPDG,0.58859670000000,0.01481645000000
C6B1H1S1P1L1M3J1E2A2,ROC,CL5S,4,12,6,12,840,12,40,MNAVG,0.27972750000000,0.00131754900000
```

```
C6B1H1S1P1L1M3J1E2A3,ROC,CL5S,4,12,6,12,840,12,40,MNHVY,0.39772590000000,0.01627397000000
C6B1H1S1P1L1M3J2E1A1,ROC,CL5S,4,12,6,12,840,15,10,MEPDG,2.58645100000000,0.11881260000000
C6B1H1S1P1L1M3J2E1A2,ROC,CL5S,4,12,6,12,840,15,10,MNAVG,1.56274100000000,0.02042564000000
C6B1H1S1P1L1M3J2E1A3,ROC,CL5S,4,12,6,12,840,15,10,MNHVY,2.62818800000000,0.20775240000000
C6B1H1S1P1L1M3J2E2A1,ROC,CL5S,4,12,6,12,840,15,40,MEPDG,1.29843200000000,0.05329723000000
C6B1H1S1P1L1M3J2E2A2,ROC,CL5S,4,12,6,12,840,15,40,MNAVG,0.77614770000000,0.00841943800000
C6B1H1S1P1L1M3J2E2A3,ROC,CL5S,4,12,6,12,840,15,40,MNHVY,1.28628600000000,0.08922021000000
C6B1H1S1P1L2M1J1E1A1,ROC,CL5S,4,12,6,13,340,12,10,MEPDG,26.2072100000000,0.57014910000000
C6B1H1S1P1L2M1J1E1A2,ROC,CL5S,4,12,6,13,340,12,10,MNAVG,19.4525800000000,0.07834622000000
C6B1H1S1P1L2M1J1E1A3,ROC,CL5S,4,12,6,13,340,12,10,MNHVY,35.6801800000000,0.86449860000000
C6B1H1S1P1L2M1J1E2A1,ROC,CL5S,4,12,6,13,340,12,40,MEPDG,26.2072100000000,0.57014910000000
C6B1H1S1P1L2M1J1E2A2,ROC,CL5S,4,12,6,13,340,12,40,MNAVG,19.4525800000000,0.07834622000000
C6B1H1S1P1L2M1J1E2A3,ROC,CL5S,4,12,6,13,340,12,40,MNHVY,35.6801800000000,0.86449860000000
C6B1H1S1P1L2M1J2E1A1,ROC,CL5S,4,12,6,13,340,15,10,MEPDG,31.3595000000000,0.68174270000000
C6B1H1S1P1L2M1J2E1A2,ROC,CL5S,4,12,6,13,340,15,10,MNAVG,24.0728000000000,0.13341750000000
C6B1H1S1P1L2M1J2E1A3,ROC,CL5S,4,12,6,13,340,15,10,MNHVY,44.6354900000000,1.25106000000000
C6B1H1S1P1L2M1J2E2A1,ROC,CL5S,4,12,6,13,340,15,40,MEPDG,31.3595000000000,0.68174270000000
C6B1H1S1P1L2M1J2E2A2,ROC,CL5S,4,12,6,13,340,15,40,MNAVG,24.0728000000000,0.13341750000000
C6B1H1S1P1L2M1J2E2A3,ROC,CL5S,4,12,6,13,340,15,40,MNHVY,44.6354900000000,1.25106000000000
C6B1H1S1P1L2M2J1E1A1,ROC,CL5S,4,12,6,13,590,12,10,MEPDG,1.38830600000000,0.04809408000000
C6B1H1S1P1L2M2J1E1A2,ROC,CL5S,4,12,6,13,590,12,10,MNAVG,0.81283000000000,0.00584669100000
C6B1H1S1P1L2M2J1E1A3,ROC,CL5S,4,12,6,13,590,12,10,MNHVY,1.30161200000000,0.06603011000000
C6B1H1S1P1L2M2J1E2A1,ROC,CL5S,4,12,6,13,590,12,40,MEPDG,1.38830600000000,0.04809408000000
C6B1H1S1P1L2M2J1E2A2,ROC,CL5S,4,12,6,13,590,12,40,MNAVG,0.81283000000000,0.00584669100000
C6B1H1S1P1L2M2J1E2A3,ROC,CL5S,4,12,6,13,590,12,40,MNHVY,1.30161200000000,0.06603011000000
C6B1H1S1P1L2M2J2E1A1,ROC,CL5S,4,12,6,13,590,15,10,MEPDG,2.31200600000000,0.13090950000000
C6B1H1S1P1L2M2J2E1A2,ROC,CL5S,4,12,6,13,590,15,10,MNAVG,1.55027400000000,0.02470003000000
C6B1H1S1P1L2M2J2E1A3,ROC,CL5S,4,12,6,13,590,15,10,MNHVY,2.65982300000000,0.23663010000000
C6B1H1S1P1L2M2J2E2A1,ROC,CL5S,4,12,6,13,590,15,40,MEPDG,2.31200600000000,0.13090950000000
C6B1H1S1P1L2M2J2E2A2,ROC,CL5S,4,12,6,13,590,15,40,MNAVG,1.55027400000000,0.02470003000000
C6B1H1S1P1L2M2J2E2A3,ROC,CL5S,4,12,6,13,590,15,40,MNHVY,2.65982300000000,0.23663010000000
C6B1H1S1P1L2M3J1E1A1,ROC,CL5S,4,12,6,13,840,12,10,MEPDG,0.13128340000000,0.00497940100000
C6B1H1S1P1L2M3J1E1A2,ROC,CL5S,4,12,6,13,840,12,10,MNAVG,0.06016675000000,0.00044281770000
C6B1H1S1P1L2M3J1E1A3,ROC,CL5S,4,12,6,13,840,12,10,MNHVY,0.08583842000000,0.00547167300000
C6B1H1S1P1L2M3J1E2A1,ROC,CL5S,4,12,6,13,840,12,40,MEPDG,0.13128340000000,0.00497940100000
C6B1H1S1P1L2M3J1E2A2,ROC,CL5S,4,12,6,13,840,12,40,MNAVG,0.06016675000000,0.00044281770000
C6B1H1S1P1L2M3J1E2A3,ROC,CL5S,4,12,6,13,840,12,40,MNHVY,0.08583842000000,0.00547167300000
C6B1H1S1P1L2M3J2E1A1,ROC,CL5S,4,12,6,13,840,15,10,MEPDG,0.31012510000000,0.02161449000000
C6B1H1S1P1L2M3J2E1A2,ROC,CL5S,4,12,6,13,840,15,10,MNAVG,0.18278670000000,0.00350587700000
C6B1H1S1P1L2M3J2E1A3,ROC,CL5S,4,12,6,13,840,15,10,MNHVY,0.30647980000000,0.03670634000000
C6B1H1S1P1L2M3J2E2A1,ROC,CL5S,4,12,6,13,840,15,40,MEPDG,0.31012510000000,0.02161449000000
C6B1H1S1P1L2M3J2E2A2,ROC,CL5S,4,12,6,13,840,15,40,MNAVG,0.18278670000000,0.00350587700000
C6B1H1S1P1L2M3J2E2A3,ROC,CL5S,4,12,6,13,840,15,40,MNHVY,0.30647980000000,0.03670634000000
C6B1H1S1P2L1M1J1E1A1,ROC,CL5S,4,12,7,12,340,12,10,MEPDG,56.5619700000000,1.82332600000000
C6B1H1S1P2L1M1J1E1A2,ROC,CL5S,4,12,7,12,340,12,10,MNAVG,42.5929500000000,0.28493610000000
C6B1H1S1P2L1M1J1E1A3,ROC,CL5S,4,12,7,12,340,12,10,MNHVY,72.6909700000000,3.02728900000000
C6B1H1S1P2L1M1J1E2A1,ROC,CL5S,4,12,7,12,340,12,40,MEPDG,32.7451500000000,1.03309200000000
C6B1H1S1P2L1M1J1E2A2,ROC,CL5S,4,12,7,12,340,12,40,MNAVG,23.4847500000000,0.15230700000000
C6B1H1S1P2L1M1J1E2A3,ROC,CL5S,4,12,7,12,340,12,40,MNHVY,40.3930000000000,1.65530200000000
C6B1H1S1P2L1M1J2E1A1,ROC,CL5S,4,12,7,12,340,15,10,MEPDG,79.7922400000000,2.88555200000000
```

```
C6B1H1S1P2L1M1J2E1A2,ROC,CL5S,4,12,7,12,340,15,10,MNAVG,64.15005000000000,0.58217660000000
C6B1H1S1P2L1M1J2E1A3,ROC,CL5S,4,12,7,12,340,15,10,MNHVY,113.15290000000000,5.45399900000000
C6B1H1S1P2L1M1J2E2A1,ROC,CL5S,4,12,7,12,340,15,40,MEPDG,48.23780000000000,1.68743100000000
C6B1H1S1P2L1M1J2E2A2,ROC,CL5S,4,12,7,12,340,15,40,MNAVG,37.43797000000000,0.33648500000000
C6B1H1S1P2L1M1J2E2A3,ROC,CL5S,4,12,7,12,340,15,40,MNHVY,66.83451000000000,3.17282000000000
C6B1H1S1P2L1M2J1E1A1,ROC,CL5S,4,12,7,12,590,12,10,MEPDG,2.64831000000000,0.12085880000000
C6B1H1S1P2L1M2J1E1A2,ROC,CL5S,4,12,7,12,590,12,10,MNAVG,1.35521400000000,0.01658919000000
C6B1H1S1P2L1M2J1E1A3,ROC,CL5S,4,12,7,12,590,12,10,MNHVY,2.10995600000000,0.18740060000000
C6B1H1S1P2L1M2J1E2A1,ROC,CL5S,4,12,7,12,590,12,40,MEPDG,1.24827200000000,0.06115850000000
C6B1H1S1P2L1M2J1E2A2,ROC,CL5S,4,12,7,12,590,12,40,MNAVG,0.62257890000000,0.00756109600000
C6B1H1S1P2L1M2J1E2A3,ROC,CL5S,4,12,7,12,590,12,40,MNHVY,0.92974730000000,0.08743212000000
C6B1H1S1P2L1M2J2E1A1,ROC,CL5S,4,12,7,12,590,15,10,MEPDG,5.83945100000000,0.41675390000000
C6B1H1S1P2L1M2J2E1A2,ROC,CL5S,4,12,7,12,590,15,10,MNAVG,3.66612500000000,0.08140651000000
C6B1H1S1P2L1M2J2E1A3,ROC,CL5S,4,12,7,12,590,15,10,MNHVY,6.49838000000000,0.78332630000000
C6B1H1S1P2L1M2J2E2A1,ROC,CL5S,4,12,7,12,590,15,40,MEPDG,3.01376600000000,0.21075610000000
C6B1H1S1P2L1M2J2E2A2,ROC,CL5S,4,12,7,12,590,15,40,MNAVG,1.89215800000000,0.03951550000000
C6B1H1S1P2L1M2J2E2A3,ROC,CL5S,4,12,7,12,590,15,40,MNHVY,3.27120900000000,0.38829020000000
C6B1H1S1P2L1M3J1E1A1,ROC,CL5S,4,12,7,12,840,12,10,MEPDG,0.21398260000000,0.00898418900000
C6B1H1S1P2L1M3J1E1A2,ROC,CL5S,4,12,7,12,840,12,10,MNAVG,0.07786832000000,0.00094977370000
C6B1H1S1P2L1M3J1E1A3,ROC,CL5S,4,12,7,12,840,12,10,MNHVY,0.10878040000000,0.01175302000000
C6B1H1S1P2L1M3J1E2A1,ROC,CL5S,4,12,7,12,840,12,40,MEPDG,0.08408764000000,0.00426898600000
C6B1H1S1P2L1M3J1E2A2,ROC,CL5S,4,12,7,12,840,12,40,MNAVG,0.03089540000000,0.00038079870000
C6B1H1S1P2L1M3J1E2A3,ROC,CL5S,4,12,7,12,840,12,40,MNHVY,0.03989333000000,0.00486308500000
C6B1H1S1P2L1M3J2E1A1,ROC,CL5S,4,12,7,12,840,15,10,MEPDG,0.72245530000000,0.05311240000000
C6B1H1S1P2L1M3J2E1A2,ROC,CL5S,4,12,7,12,840,15,10,MNAVG,0.35645480000000,0.00903766400000
C6B1H1S1P2L1M3J2E1A3,ROC,CL5S,4,12,7,12,840,15,10,MNHVY,0.65932790000000,0.09562045000000
C6B1H1S1P2L1M3J2E2A1,ROC,CL5S,4,12,7,12,840,15,40,MEPDG,0.32279280000000,0.02390206000000
C6B1H1S1P2L1M3J2E2A2,ROC,CL5S,4,12,7,12,840,15,40,MNAVG,0.16390810000000,0.00378799600000
C6B1H1S1P2L1M3J2E2A3,ROC,CL5S,4,12,7,12,840,15,40,MNHVY,0.28616740000000,0.04106083000000
C6B1H1S1P2L2M1J1E1A1,ROC,CL5S,4,12,7,13,340,12,10,MEPDG,8.18287200000000,0.41938600000000
C6B1H1S1P2L2M1J1E1A2,ROC,CL5S,4,12,7,13,340,12,10,MNAVG,5.64695400000000,0.06538288000000
C6B1H1S1P2L2M1J1E1A3,ROC,CL5S,4,12,7,13,340,12,10,MNHVY,9.80028300000000,0.68935950000000
C6B1H1S1P2L2M1J1E2A1,ROC,CL5S,4,12,7,13,340,12,40,MEPDG,8.18287200000000,0.41938600000000
C6B1H1S1P2L2M1J1E2A2,ROC,CL5S,4,12,7,13,340,12,40,MNAVG,5.64695400000000,0.06538288000000
C6B1H1S1P2L2M1J1E2A3,ROC,CL5S,4,12,7,13,340,12,40,MNHVY,9.80028300000000,0.68935950000000
C6B1H1S1P2L2M1J2E1A1,ROC,CL5S,4,12,7,13,340,15,10,MEPDG,12.57950000000000,0.82435540000000
C6B1H1S1P2L2M1J2E1A2,ROC,CL5S,4,12,7,13,340,15,10,MNAVG,9.53763400000000,0.17281070000000
C6B1H1S1P2L2M1J2E1A3,ROC,CL5S,4,12,7,13,340,15,10,MNHVY,17.14131000000000,1.56475300000000
C6B1H1S1P2L2M1J2E2A1,ROC,CL5S,4,12,7,13,340,15,40,MEPDG,12.57950000000000,0.82435540000000
C6B1H1S1P2L2M1J2E2A2,ROC,CL5S,4,12,7,13,340,15,40,MNAVG,9.53763400000000,0.17281070000000
C6B1H1S1P2L2M1J2E2A3,ROC,CL5S,4,12,7,13,340,15,40,MNHVY,17.14131000000000,1.56475300000000
C6B1H1S1P2L2M2J1E1A1,ROC,CL5S,4,12,7,13,590,12,10,MEPDG,0.28393610000000,0.02290803000000
C6B1H1S1P2L2M2J1E1A2,ROC,CL5S,4,12,7,13,590,12,10,MNAVG,0.13690850000000,0.00292270300000
C6B1H1S1P2L2M2J1E1A3,ROC,CL5S,4,12,7,13,590,12,10,MNHVY,0.20426870000000,0.03342147000000
C6B1H1S1P2L2M2J1E2A1,ROC,CL5S,4,12,7,13,590,12,40,MEPDG,0.28393610000000,0.02290803000000
C6B1H1S1P2L2M2J1E2A2,ROC,CL5S,4,12,7,13,590,12,40,MNAVG,0.13690850000000,0.00292270300000
C6B1H1S1P2L2M2J1E2A3,ROC,CL5S,4,12,7,13,590,12,40,MNHVY,0.20426870000000,0.03342147000000
C6B1H1S1P2L2M2J2E1A1,ROC,CL5S,4,12,7,13,590,15,10,MEPDG,0.74226270000000,0.09588426000000
C6B1H1S1P2L2M2J2E1A2,ROC,CL5S,4,12,7,13,590,15,10,MNAVG,0.46154890000000,0.01851889000000
C6B1H1S1P2L2M2J2E1A3,ROC,CL5S,4,12,7,13,590,15,10,MNHVY,0.80215020000000,0.17905150000000
```

```
C6B1H1S1P2L2M2J2E2A1,ROC,CL5S,4,12,7,13,590,15,40,MEPDG,0.74226270000000,0.09588426000000
C6B1H1S1P2L2M2J2E2A2,ROC,CL5S,4,12,7,13,590,15,40,MNAVG,0.46154890000000,0.01851889000000
C6B1H1S1P2L2M2J2E2A3,ROC,CL5S,4,12,7,13,590,15,40,MNHVY,0.80215020000000,0.17905150000000
C6B1H1S1P2L2M3J1E1A1,ROC,CL5S,4,12,7,13,840,12,10,MEPDG,0.01763409000000,0.00146998400000
C6B1H1S1P2L2M3J1E1A2,ROC,CL5S,4,12,7,13,840,12,10,MNAVG,0.00636949200000,0.00013130690000
C6B1H1S1P2L2M3J1E1A3,ROC,CL5S,4,12,7,13,840,12,10,MNHVY,0.00810251300000,0.00167077400000
C6B1H1S1P2L2M3J1E2A1,ROC,CL5S,4,12,7,13,840,12,40,MEPDG,0.01763409000000,0.00146998400000
C6B1H1S1P2L2M3J1E2A2,ROC,CL5S,4,12,7,13,840,12,40,MNAVG,0.00636949200000,0.00013130690000
C6B1H1S1P2L2M3J1E2A3,ROC,CL5S,4,12,7,13,840,12,40,MNHVY,0.00810251300000,0.00167077400000
C6B1H1S1P2L2M3J2E1A1,ROC,CL5S,4,12,7,13,840,15,10,MEPDG,0.07472649000000,0.00989258600000
C6B1H1S1P2L2M3J2E1A2,ROC,CL5S,4,12,7,13,840,15,10,MNAVG,0.03778570000000,0.00158698500000
C6B1H1S1P2L2M3J2E1A3,ROC,CL5S,4,12,7,13,840,15,10,MNHVY,0.06611795000000,0.01716155000000
C6B1H1S1P2L2M3J2E2A1,ROC,CL5S,4,12,7,13,840,15,40,MEPDG,0.07472649000000,0.00989258600000
C6B1H1S1P2L2M3J2E2A2,ROC,CL5S,4,12,7,13,840,15,40,MNAVG,0.03778570000000,0.00158698500000
C6B1H1S1P2L2M3J2E2A3,ROC,CL5S,4,12,7,13,840,15,40,MNHVY,0.06611795000000,0.01716155000000
C6B1H1S1P3L1M1J1E1A1,ROC,CL5S,4,12,8,12,340,12,10,MEPDG,18.1139800000000,1.33740800000000
C6B1H1S1P3L1M1J1E1A2,ROC,CL5S,4,12,8,12,340,12,10,MNAVG,11.4586700000000,0.22313490000000
C6B1H1S1P3L1M1J1E1A3,ROC,CL5S,4,12,8,12,340,12,10,MNHVY,19.1787200000000,2.37104000000000
C6B1H1S1P3L1M1J1E2A1,ROC,CL5S,4,12,8,12,340,12,40,MEPDG,9.58534800000000,0.74405490000000
C6B1H1S1P3L1M1J1E2A2,ROC,CL5S,4,12,8,12,340,12,40,MNAVG,5.89435600000000,0.11764920000000
C6B1H1S1P3L1M1J1E2A3,ROC,CL5S,4,12,8,12,340,12,40,MNHVY,9.62356400000000,1.26777400000000
C6B1H1S1P3L1M1J2E1A1,ROC,CL5S,4,12,8,12,340,15,10,MEPDG,33.3006300000000,2.92803000000000
C6B1H1S1P3L1M1J2E1A2,ROC,CL5S,4,12,8,12,340,15,10,MNAVG,24.0575400000000,0.61546290000000
C6B1H1S1P3L1M1J2E1A3,ROC,CL5S,4,12,8,12,340,15,10,MNHVY,43.3407400000000,5.72222500000000
C6B1H1S1P3L1M1J2E2A1,ROC,CL5S,4,12,8,12,340,15,40,MEPDG,18.9105500000000,1.69155300000000
C6B1H1S1P3L1M1J2E2A2,ROC,CL5S,4,12,8,12,340,15,40,MNAVG,13.5445200000000,0.35021250000000
C6B1H1S1P3L1M1J2E2A3,ROC,CL5S,4,12,8,12,340,15,40,MNHVY,24.0686100000000,3.27557800000000
C6B1H1S1P3L1M2J1E1A1,ROC,CL5S,4,12,8,12,590,12,10,MEPDG,0.52886090000000,0.05318616000000
C6B1H1S1P3L1M2J1E1A2,ROC,CL5S,4,12,8,12,590,12,10,MNAVG,0.19909130000000,0.00765653700000
C6B1H1S1P3L1M2J1E1A3,ROC,CL5S,4,12,8,12,590,12,10,MNHVY,0.29366950000000,0.08789432000000
C6B1H1S1P3L1M2J1E2A1,ROC,CL5S,4,12,8,12,590,12,40,MEPDG,0.21659730000000,0.02656488000000
C6B1H1S1P3L1M2J1E2A2,ROC,CL5S,4,12,8,12,590,12,40,MNAVG,0.08231377000000,0.00345772600000
C6B1H1S1P3L1M2J1E2A3,ROC,CL5S,4,12,8,12,590,12,40,MNHVY,0.11174930000000,0.04075574000000
C6B1H1S1P3L1M2J2E1A1,ROC,CL5S,4,12,8,12,590,15,10,MEPDG,1.71991700000000,0.25568090000000
C6B1H1S1P3L1M2J2E1A2,ROC,CL5S,4,12,8,12,590,15,10,MNAVG,0.86922590000000,0.04985560000000
C6B1H1S1P3L1M2J2E1A3,ROC,CL5S,4,12,8,12,590,15,10,MNHVY,1.62153400000000,0.49899450000000
C6B1H1S1P3L1M2J2E2A1,ROC,CL5S,4,12,8,12,590,15,40,MEPDG,0.79396420000000,0.12935260000000
C6B1H1S1P3L1M2J2E2A2,ROC,CL5S,4,12,8,12,590,15,40,MNAVG,0.41277840000000,0.02434710000000
C6B1H1S1P3L1M2J2E2A3,ROC,CL5S,4,12,8,12,590,15,40,MNHVY,0.72352140000000,0.24676280000000
C6B1H1S1P3L1M3J1E1A1,ROC,CL5S,4,12,8,12,840,12,10,MEPDG,0.02799525000000,0.00262670300000
C6B1H1S1P3L1M3J1E1A2,ROC,CL5S,4,12,8,12,840,12,10,MNAVG,0.00771335200000,0.00028697180000
C6B1H1S1P3L1M3J1E1A3,ROC,CL5S,4,12,8,12,840,12,10,MNHVY,0.00935937600000,0.00358653000000
C6B1H1S1P3L1M3J1E2A1,ROC,CL5S,4,12,8,12,840,12,40,MEPDG,0.00920570800000,0.00128896700000
C6B1H1S1P3L1M3J1E2A2,ROC,CL5S,4,12,8,12,840,12,40,MNAVG,0.00274848700000,0.00011983120000
C6B1H1S1P3L1M3J1E2A3,ROC,CL5S,4,12,8,12,840,12,40,MNHVY,0.00299919200000,0.00154845600000
C6B1H1S1P3L1M3J2E1A1,ROC,CL5S,4,12,8,12,840,15,10,MEPDG,0.14579260000000,0.02255557000000
C6B1H1S1P3L1M3J2E1A2,ROC,CL5S,4,12,8,12,840,15,10,MNAVG,0.05268897000000,0.00375608500000
C6B1H1S1P3L1M3J2E1A3,ROC,CL5S,4,12,8,12,840,15,10,MNHVY,0.09941442000000,0.04169632000000
C6B1H1S1P3L1M3J2E2A1,ROC,CL5S,4,12,8,12,840,15,40,MEPDG,0.05572481000000,0.01031515000000
C6B1H1S1P3L1M3J2E2A2,ROC,CL5S,4,12,8,12,840,15,40,MNAVG,0.02140857000000,0.00159811200000
```

```
C6B1H1S1P3L1M3J2E2A3,ROC,CL5S,4,12,8,12,840,15,40,MNHVY,0.03629090000000,0.01816275000000
C6B1H1S1P3L2M1J1E1A1,ROC,CL5S,4,12,8,13,340,12,10,MEPDG,2.31194600000000,0.31471230000000
C6B1H1S1P3L2M1J1E1A2,ROC,CL5S,4,12,8,13,340,12,10,MNAVG,1.37136400000000,0.05211580000000
C6B1H1S1P3L2M1J1E1A3,ROC,CL5S,4,12,8,13,340,12,10,MNHVY,2.24169700000000,0.54889360000000
C6B1H1S1P3L2M1J1E2A1,ROC,CL5S,4,12,8,13,340,12,40,MEPDG,2.31194600000000,0.31471230000000
C6B1H1S1P3L2M1J1E2A2,ROC,CL5S,4,12,8,13,340,12,40,MNAVG,1.37136400000000,0.05211580000000
C6B1H1S1P3L2M1J1E2A3,ROC,CL5S,4,12,8,13,340,12,40,MNHVY,2.24169700000000,0.54889360000000
C6B1H1S1P3L2M1J2E1A1,ROC,CL5S,4,12,8,13,340,15,10,MEPDG,4.87533000000000,0.85446170000000
C6B1H1S1P3L2M1J2E1A2,ROC,CL5S,4,12,8,13,340,15,10,MNAVG,3.44078200000000,0.18367960000000
C6B1H1S1P3L2M1J2E1A3,ROC,CL5S,4,12,8,13,340,15,10,MNHVY,6.12076500000000,1.66936500000000
C6B1H1S1P3L2M1J2E2A1,ROC,CL5S,4,12,8,13,340,15,40,MEPDG,4.87533000000000,0.85446170000000
C6B1H1S1P3L2M1J2E2A2,ROC,CL5S,4,12,8,13,340,15,40,MNAVG,3.44078200000000,0.18367960000000
C6B1H1S1P3L2M1J2E2A3,ROC,CL5S,4,12,8,13,340,15,40,MNHVY,6.12076500000000,1.66936500000000
C6B1H1S1P3L2M2J1E1A1,ROC,CL5S,4,12,8,13,590,12,10,MEPDG,0.04646648000000,0.01022528000000
C6B1H1S1P3L2M2J1E1A2,ROC,CL5S,4,12,8,13,590,12,10,MNAVG,0.01731510000000,0.00137153500000
C6B1H1S1P3L2M2J1E1A3,ROC,CL5S,4,12,8,13,590,12,10,MNHVY,0.02310908000000,0.01595163000000
C6B1H1S1P3L2M2J1E2A1,ROC,CL5S,4,12,8,13,590,12,40,MEPDG,0.04646648000000,0.01022528000000
C6B1H1S1P3L2M2J1E2A2,ROC,CL5S,4,12,8,13,590,12,40,MNAVG,0.01731510000000,0.00137153500000
C6B1H1S1P3L2M2J1E2A3,ROC,CL5S,4,12,8,13,590,12,40,MNHVY,0.02310908000000,0.01595163000000
C6B1H1S1P3L2M2J2E1A1,ROC,CL5S,4,12,8,13,590,15,10,MEPDG,0.18753330000000,0.06054958000000
C6B1H1S1P3L2M2J2E1A2,ROC,CL5S,4,12,8,13,590,15,10,MNAVG,0.09704939000000,0.01168541000000
C6B1H1S1P3L2M2J2E1A3,ROC,CL5S,4,12,8,13,590,15,10,MNHVY,0.16924720000000,0.11686450000000
C6B1H1S1P3L2M2J2E2A1,ROC,CL5S,4,12,8,13,590,15,40,MEPDG,0.18753330000000,0.06054958000000
C6B1H1S1P3L2M2J2E2A2,ROC,CL5S,4,12,8,13,590,15,40,MNAVG,0.09704939000000,0.01168541000000
C6B1H1S1P3L2M2J2E2A3,ROC,CL5S,4,12,8,13,590,15,40,MNHVY,0.16924720000000,0.11686450000000
C6B1H1S1P3L2M3J1E1A1,ROC,CL5S,4,12,8,13,840,12,10,MEPDG,0.00179434600000,0.00045827710000
C6B1H1S1P3L2M3J1E1A2,ROC,CL5S,4,12,8,13,840,12,10,MNAVG,0.00054207740000,0.00004254400000
C6B1H1S1P3L2M3J1E1A3,ROC,CL5S,4,12,8,13,840,12,10,MNHVY,0.00057628220000,0.00054759890000
C6B1H1S1P3L2M3J1E2A1,ROC,CL5S,4,12,8,13,840,12,40,MEPDG,0.00179434600000,0.00045827710000
C6B1H1S1P3L2M3J1E2A2,ROC,CL5S,4,12,8,13,840,12,40,MNAVG,0.00054207740000,0.00004254400000
C6B1H1S1P3L2M3J1E2A3,ROC,CL5S,4,12,8,13,840,12,40,MNHVY,0.00057628220000,0.00054759890000
C6B1H1S1P3L2M3J2E1A1,ROC,CL5S,4,12,8,13,840,15,10,MEPDG,0.01206436000000,0.00443888000000
C6B1H1S1P3L2M3J2E1A2,ROC,CL5S,4,12,8,13,840,15,10,MNAVG,0.00464618100000,0.00069847000000
C6B1H1S1P3L2M3J2E1A3,ROC,CL5S,4,12,8,13,840,15,10,MNHVY,0.00776216300000,0.00787607300000
C6B1H1S1P3L2M3J2E2A1,ROC,CL5S,4,12,8,13,840,15,40,MEPDG,0.01206436000000,0.00443888000000
C6B1H1S1P3L2M3J2E2A2,ROC,CL5S,4,12,8,13,840,15,40,MNAVG,0.00464618100000,0.00069847000000
C6B1H1S1P3L2M3J2E2A3,ROC,CL5S,4,12,8,13,840,15,40,MNHVY,0.00776216300000,0.00787607300000
C6B1H1S1P4L1M1J1E1A1,ROC,CL5S,4,12,9,12,340,12,10,MEPDG,5.19518100000000,0.82048460000000
C6B1H1S1P4L1M1J1E1A2,ROC,CL5S,4,12,9,12,340,12,10,MNAVG,2.59650000000000,0.13697820000000
C6B1H1S1P4L1M1J1E1A3,ROC,CL5S,4,12,9,12,340,12,10,MNHVY,4.22205700000000,1.50734600000000
C6B1H1S1P4L1M1J1E2A1,ROC,CL5S,4,12,9,12,340,12,40,MEPDG,2.46471800000000,0.45237710000000
C6B1H1S1P4L1M1J1E2A2,ROC,CL5S,4,12,9,12,340,12,40,MNAVG,1.21740400000000,0.07180975000000
C6B1H1S1P4L1M1J1E2A3,ROC,CL5S,4,12,9,12,340,12,40,MNHVY,1.86274000000000,0.79945430000000
C6B1H1S1P4L1M1J2E1A1,ROC,CL5S,4,12,9,12,340,15,10,MEPDG,12.38992000000000,2.31459600000000
C6B1H1S1P4L1M1J2E1A2,ROC,CL5S,4,12,9,12,340,15,10,MNAVG,7.65421200000000,0.48089960000000
C6B1H1S1P4L1M1J2E1A3,ROC,CL5S,4,12,9,12,340,15,10,MNHVY,14.16759000000000,4.63250800000000
C6B1H1S1P4L1M1J2E2A1,ROC,CL5S,4,12,9,12,340,15,40,MEPDG,6.45944700000000,1.33661300000000
C6B1H1S1P4L1M1J2E2A2,ROC,CL5S,4,12,9,12,340,15,40,MNAVG,4.03988600000000,0.27418170000000
C6B1H1S1P4L1M1J2E2A3,ROC,CL5S,4,12,9,12,340,15,40,MNHVY,7.17463400000000,2.64374300000000
C6B1H1S1P4L1M2J1E1A1,ROC,CL5S,4,12,9,12,590,12,10,MEPDG,0.08959679000000,0.02009585000000
```

```
C6B1H1S1P4L1M2J1E1A2,ROC,CL5S,4,12,9,12,590,12,10,MNAVG,0.02516727000000,0.00277139500000
C6B1H1S1P4L1M2J1E1A3,ROC,CL5S,4,12,9,12,590,12,10,MNHVY,0.03273754000000,0.03316634000000
C6B1H1S1P4L1M2J1E2A1,ROC,CL5S,4,12,9,12,590,12,40,MEPDG,0.03153670000000,0.01029685000000
C6B1H1S1P4L1M2J1E2A2,ROC,CL5S,4,12,9,12,590,12,40,MNAVG,0.00945639500000,0.00130431700000
C6B1H1S1P4L1M2J1E2A3,ROC,CL5S,4,12,9,12,590,12,40,MNHVY,0.01102541000000,0.01591576000000
C6B1H1S1P4L1M2J2E1A1,ROC,CL5S,4,12,9,12,590,15,10,MEPDG,0.39913390000000,0.13186860000000
C6B1H1S1P4L1M2J2E1A2,ROC,CL5S,4,12,9,12,590,15,10,MNAVG,0.15158320000000,0.02458450000000
C6B1H1S1P4L1M2J2E1A3,ROC,CL5S,4,12,9,12,590,15,10,MNHVY,0.28246970000000,0.26102680000000
C6B1H1S1P4L1M2J2E2A1,ROC,CL5S,4,12,9,12,590,15,40,MEPDG,0.16183950000000,0.06783424000000
C6B1H1S1P4L1M2J2E2A2,ROC,CL5S,4,12,9,12,590,15,40,MNAVG,0.06496150000000,0.01225996000000
C6B1H1S1P4L1M2J2E2A3,ROC,CL5S,4,12,9,12,590,15,40,MNHVY,0.10944910000000,0.13130190000000
C6B1H1S1P4L1M3J1E1A1,ROC,CL5S,4,12,9,12,840,12,10,MEPDG,0.00305472200000,0.00070174320000
C6B1H1S1P4L1M3J1E1A2,ROC,CL5S,4,12,9,12,840,12,10,MNAVG,0.00073191530000,0.00006985675000
C6B1H1S1P4L1M3J1E1A3,ROC,CL5S,4,12,9,12,840,12,10,MNHVY,0.00071831110000,0.00090983590000
C6B1H1S1P4L1M3J1E2A1,ROC,CL5S,4,12,9,12,840,12,40,MEPDG,0.00083394120000,0.00038141710000
C6B1H1S1P4L1M3J1E2A2,ROC,CL5S,4,12,9,12,840,12,40,MNAVG,0.00023373170000,0.00003312400000
C6B1H1S1P4L1M3J1E2A3,ROC,CL5S,4,12,9,12,840,12,40,MNHVY,0.00020746120000,0.00044047790000
C6B1H1S1P4L1M3J2E1A1,ROC,CL5S,4,12,9,12,840,15,10,MEPDG,0.02117408000000,0.00848599500000
C6B1H1S1P4L1M3J2E1A2,ROC,CL5S,4,12,9,12,840,15,10,MNAVG,0.00549566900000,0.00131441200000
C6B1H1S1P4L1M3J2E1A3,ROC,CL5S,4,12,9,12,840,15,10,MNHVY,0.00921886800000,0.01542563000000
C6B1H1S1P4L1M3J2E2A1,ROC,CL5S,4,12,9,12,840,15,40,MEPDG,0.00686335600000,0.00409859100000
C6B1H1S1P4L1M3J2E2A2,ROC,CL5S,4,12,9,12,840,15,40,MNAVG,0.00198658500000,0.00059485200000
C6B1H1S1P4L1M3J2E2A3,ROC,CL5S,4,12,9,12,840,15,40,MNHVY,0.00288793100000,0.00710957700000
C6B1H1S1P4L2M1J1E1A1,ROC,CL5S,4,12,9,13,340,12,10,MEPDG,0.56789850000000,0.19485970000000
C6B1H1S1P4L2M1J1E1A2,ROC,CL5S,4,12,9,13,340,12,10,MNAVG,0.27163060000000,0.03206821000000
C6B1H1S1P4L2M1J1E1A3,ROC,CL5S,4,12,9,13,340,12,10,MNHVY,0.41165460000000,0.35068460000000
C6B1H1S1P4L2M1J1E2A1,ROC,CL5S,4,12,9,13,340,12,40,MEPDG,0.56789850000000,0.19485970000000
C6B1H1S1P4L2M1J1E2A2,ROC,CL5S,4,12,9,13,340,12,40,MNAVG,0.27163060000000,0.03206821000000
C6B1H1S1P4L2M1J1E2A3,ROC,CL5S,4,12,9,13,340,12,40,MNHVY,0.41165460000000,0.35068460000000
C6B1H1S1P4L2M1J2E1A1,ROC,CL5S,4,12,9,13,340,15,10,MEPDG,1.61014400000000,0.69112300000000
C6B1H1S1P4L2M1J2E1A2,ROC,CL5S,4,12,9,13,340,15,10,MNAVG,0.99553390000000,0.14631550000000
C6B1H1S1P4L2M1J2E1A3,ROC,CL5S,4,12,9,13,340,15,10,MNHVY,1.75784000000000,1.37969100000000
C6B1H1S1P4L2M1J2E2A1,ROC,CL5S,4,12,9,13,340,15,40,MEPDG,1.61014400000000,0.69112300000000
C6B1H1S1P4L2M1J2E2A2,ROC,CL5S,4,12,9,13,340,15,40,MNAVG,0.99553390000000,0.14631550000000
C6B1H1S1P4L2M1J2E2A3,ROC,CL5S,4,12,9,13,340,15,40,MNHVY,1.75784000000000,1.37969100000000
C6B1H1S1P4L2M2J1E1A1,ROC,CL5S,4,12,9,13,590,12,10,MEPDG,0.00633085100000,0.00403307100000
C6B1H1S1P4L2M2J1E1A2,ROC,CL5S,4,12,9,13,590,12,10,MNAVG,0.00190834400000,0.00052298760000
C6B1H1S1P4L2M2J1E1A3,ROC,CL5S,4,12,9,13,590,12,10,MNHVY,0.00215754300000,0.00631032300000
C6B1H1S1P4L2M2J1E2A1,ROC,CL5S,4,12,9,13,590,12,40,MEPDG,0.00633085100000,0.00403307100000
C6B1H1S1P4L2M2J1E2A2,ROC,CL5S,4,12,9,13,590,12,40,MNAVG,0.00190834400000,0.00052298760000
C6B1H1S1P4L2M2J1E2A3,ROC,CL5S,4,12,9,13,590,12,40,MNHVY,0.00215754300000,0.00631032300000
C6B1H1S1P4L2M2J2E1A1,ROC,CL5S,4,12,9,13,590,15,10,MEPDG,0.03598464000000,0.03225315000000
C6B1H1S1P4L2M2J2E1A2,ROC,CL5S,4,12,9,13,590,15,10,MNAVG,0.01445588000000,0.00597287800000
C6B1H1S1P4L2M2J2E1A3,ROC,CL5S,4,12,9,13,590,15,10,MNHVY,0.02391532000000,0.06296729000000
C6B1H1S1P4L2M2J2E2A1,ROC,CL5S,4,12,9,13,590,15,40,MEPDG,0.03598464000000,0.03225315000000
C6B1H1S1P4L2M2J2E2A2,ROC,CL5S,4,12,9,13,590,15,40,MNAVG,0.01445588000000,0.00597287800000
C6B1H1S1P4L2M2J2E2A3,ROC,CL5S,4,12,9,13,590,15,40,MNHVY,0.02391532000000,0.06296729000000
C6B1H1S1P4L2M3J1E1A1,ROC,CL5S,4,12,9,13,840,12,10,MEPDG,0.00014995960000,0.00014304080000
C6B1H1S1P4L2M3J1E1A2,ROC,CL5S,4,12,9,13,840,12,10,MNAVG,0.00004357736000,0.00001231464000
C6B1H1S1P4L2M3J1E1A3,ROC,CL5S,4,12,9,13,840,12,10,MNHVY,0.00003752934000,0.00016347280000
```

```
C6B1H1S1P4L2M3J1E2A1,ROC,CL5S,4,12,9,13,840,12,40,MEPDG,0.00014995960000,0.00014304080000
C6B1H1S1P4L2M3J1E2A2,ROC,CL5S,4,12,9,13,840,12,40,MNAVG,0.00004357736000,0.00001231464000
C6B1H1S1P4L2M3J1E2A3,ROC,CL5S,4,12,9,13,840,12,40,MNHVY,0.00003752934000,0.00016347280000
C6B1H1S1P4L2M3J2E1A1,ROC,CL5S,4,12,9,13,840,15,10,MEPDG,0.00137858700000,0.00178836900000
C6B1H1S1P4L2M3J2E1A2,ROC,CL5S,4,12,9,13,840,15,10,MNAVG,0.00040728880000,0.00026313380000
C6B1H1S1P4L2M3J2E1A3,ROC,CL5S,4,12,9,13,840,15,10,MNHVY,0.00057603330000,0.00311562900000
C6B1H1S1P4L2M3J2E2A1,ROC,CL5S,4,12,9,13,840,15,40,MEPDG,0.00137858700000,0.00178836900000
C6B1H1S1P4L2M3J2E2A2,ROC,CL5S,4,12,9,13,840,15,40,MNAVG,0.00040728880000,0.00026313380000
C6B1H1S1P4L2M3J2E2A3,ROC,CL5S,4,12,9,13,840,15,40,MNHVY,0.00057603330000,0.00311562900000
C6B1H1S1P5L1M1J1E1A1,ROC,CL5S,4,12,10,12,340,12,10,MEPDG,1.39560400000000,0.44321280000000
C6B1H1S1P5L1M1J1E1A2,ROC,CL5S,4,12,10,12,340,12,10,MNAVG,0.53135720000000,0.06967112000000
C6B1H1S1P5L1M1J1E1A3,ROC,CL5S,4,12,10,12,340,12,10,MNHVY,0.82424470000000,0.81064770000000
C6B1H1S1P5L1M1J1E2A1,ROC,CL5S,4,12,10,12,340,12,40,MEPDG,0.59312160000000,0.24648980000000
C6B1H1S1P5L1M1J1E2A2,ROC,CL5S,4,12,10,12,340,12,40,MNAVG,0.22861910000000,0.03709414000000
C6B1H1S1P5L1M1J1E2A3,ROC,CL5S,4,12,10,12,340,12,40,MNHVY,0.32326140000000,0.43498380000000
C6B1H1S1P5L1M1J2E1A1,ROC,CL5S,4,12,10,12,340,15,10,MEPDG,4.28366600000000,1.57145100000000
C6B1H1S1P5L1M1J2E1A2,ROC,CL5S,4,12,10,12,340,15,10,MNAVG,2.17177200000000,0.31049330000000
C6B1H1S1P5L1M1J2E1A3,ROC,CL5S,4,12,10,12,340,15,10,MNHVY,4.10669500000000,3.18310200000000
C6B1H1S1P5L1M1J2E2A1,ROC,CL5S,4,12,10,12,340,15,40,MEPDG,2.04952800000000,0.91396670000000
C6B1H1S1P5L1M1J2E2A2,ROC,CL5S,4,12,10,12,340,15,40,MNAVG,1.07620400000000,0.17904450000000
C6B1H1S1P5L1M1J2E2A3,ROC,CL5S,4,12,10,12,340,15,40,MNHVY,1.90124100000000,1.82807700000000
C6B1H1S1P5L1M2J1E1A1,ROC,CL5S,4,12,10,12,590,12,10,MEPDG,0.01429234000000,0.00694244400000
C6B1H1S1P5L1M2J1E1A2,ROC,CL5S,4,12,10,12,590,12,10,MNAVG,0.00334449000000,0.00083794510000
C6B1H1S1P5L1M2J1E1A3,ROC,CL5S,4,12,10,12,590,12,10,MNHVY,0.00372453600000,0.01076612000000
C6B1H1S1P5L1M2J1E2A1,ROC,CL5S,4,12,10,12,590,12,40,MEPDG,0.00429921700000,0.00377972700000
C6B1H1S1P5L1M2J1E2A2,ROC,CL5S,4,12,10,12,590,12,40,MNAVG,0.00115314000000,0.00042990660000
C6B1H1S1P5L1M2J1E2A3,ROC,CL5S,4,12,10,12,590,12,40,MNHVY,0.00113851400000,0.00553906400000
C6B1H1S1P5L1M2J2E1A1,ROC,CL5S,4,12,10,12,590,15,10,MEPDG,0.08030754000000,0.06032531000000
C6B1H1S1P5L1M2J2E1A2,ROC,CL5S,4,12,10,12,590,15,10,MNAVG,0.02254431000000,0.01026692000000
C6B1H1S1P5L1M2J2E1A3,ROC,CL5S,4,12,10,12,590,15,10,MNHVY,0.03914740000000,0.11704640000000
C6B1H1S1P5L1M2J2E2A1,ROC,CL5S,4,12,10,12,590,15,40,MEPDG,0.02847056000000,0.03215511000000
C6B1H1S1P5L1M2J2E2A2,ROC,CL5S,4,12,10,12,590,15,40,MNAVG,0.00877110300000,0.00535209900000
C6B1H1S1P5L1M2J2E2A3,ROC,CL5S,4,12,10,12,590,15,40,MNHVY,0.01332693000000,0.06114058000000
C6B1H1S1P5L1M3J1E1A1,ROC,CL5S,4,12,10,12,840,12,10,MEPDG,0.00035340430000,0.00020719630000
C6B1H1S1P5L1M3J1E1A2,ROC,CL5S,4,12,10,12,840,12,10,MNAVG,0.00007865181000,0.00001751925000
C6B1H1S1P5L1M3J1E1A3,ROC,CL5S,4,12,10,12,840,12,10,MNHVY,0.00006488351000,0.00024499300000
C6B1H1S1P5L1M3J1E2A1,ROC,CL5S,4,12,10,12,840,12,40,MEPDG,0.00007940312000,0.00012215220000
C6B1H1S1P5L1M3J1E2A2,ROC,CL5S,4,12,10,12,840,12,40,MNAVG,0.00002200170000,0.00000919848000
C6B1H1S1P5L1M3J1E2A3,ROC,CL5S,4,12,10,12,840,12,40,MNHVY,0.00001617730000,0.00012848320000
C6B1H1S1P5L1M3J2E1A1,ROC,CL5S,4,12,10,12,840,15,10,MEPDG,0.00282508900000,0.00308444900000
C6B1H1S1P5L1M3J2E1A2,ROC,CL5S,4,12,10,12,840,15,10,MNAVG,0.00058207490000,0.00042425600000
C6B1H1S1P5L1M3J2E1A3,ROC,CL5S,4,12,10,12,840,15,10,MNHVY,0.00083674480000,0.00531316800000
C6B1H1S1P5L1M3J2E2A1,ROC,CL5S,4,12,10,12,840,15,40,MEPDG,0.00078003420000,0.00162359800000
C6B1H1S1P5L1M3J2E2A2,ROC,CL5S,4,12,10,12,840,15,40,MNAVG,0.00019012440000,0.00021206110000
C6B1H1S1P5L1M3J2E2A3,ROC,CL5S,4,12,10,12,840,15,40,MNHVY,0.00023424390000,0.00267752600000
C6B1H1S1P5L2M1J1E1A1,ROC,CL5S,4,12,10,13,340,12,10,MEPDG,0.13018630000000,0.10715400000000
C6B1H1S1P5L2M1J1E1A2,ROC,CL5S,4,12,10,13,340,12,10,MNAVG,0.04910508000000,0.01661190000000
C6B1H1S1P5L2M1J1E1A3,ROC,CL5S,4,12,10,13,340,12,10,MNHVY,0.06792788000000,0.19189410000000
C6B1H1S1P5L2M1J1E2A1,ROC,CL5S,4,12,10,13,340,12,40,MEPDG,0.13018630000000,0.10715400000000
C6B1H1S1P5L2M1J1E2A2,ROC,CL5S,4,12,10,13,340,12,40,MNAVG,0.04910508000000,0.01661190000000
```

```
C6B1H1S1P5L2M1J1E2A3,ROC,CL5S,4,12,10,13,340,12,40,MNHVY,0.06792788000000,0.19189410000000
C6B1H1S1P5L2M1J2E1A1,ROC,CL5S,4,12,10,13,340,15,10,MEPDG,0.49277780000000,0.47747790000000
C6B1H1S1P5L2M1J2E1A2,ROC,CL5S,4,12,10,13,340,15,10,MNAVG,0.25721690000000,0.09632453000000
C6B1H1S1P5L2M1J2E1A3,ROC,CL5S,4,12,10,13,340,15,10,MNHVY,0.44865400000000,0.96293380000000
C6B1H1S1P5L2M1J2E2A1,ROC,CL5S,4,12,10,13,340,15,40,MEPDG,0.49277780000000,0.47747790000000
C6B1H1S1P5L2M1J2E2A2,ROC,CL5S,4,12,10,13,340,15,40,MNAVG,0.25721690000000,0.09632453000000
C6B1H1S1P5L2M1J2E2A3,ROC,CL5S,4,12,10,13,340,15,40,MNHVY,0.44865400000000,0.96293380000000
C6B1H1S1P5L2M2J1E1A1,ROC,CL5S,4,12,10,13,590,12,10,MEPDG,0.00080705280000,0.00152574000000
C6B1H1S1P5L2M2J1E1A2,ROC,CL5S,4,12,10,13,590,12,10,MNAVG,0.00022351790000,0.00017647100000
C6B1H1S1P5L2M2J1E1A3,ROC,CL5S,4,12,10,13,590,12,10,MNHVY,0.00021263910000,0.00226131100000
C6B1H1S1P5L2M2J1E2A1,ROC,CL5S,4,12,10,13,590,12,40,MEPDG,0.00080705280000,0.00152574000000
C6B1H1S1P5L2M2J1E2A2,ROC,CL5S,4,12,10,13,590,12,40,MNAVG,0.00022351790000,0.00017647100000
C6B1H1S1P5L2M2J1E2A3,ROC,CL5S,4,12,10,13,590,12,40,MNHVY,0.00021263910000,0.00226131100000
C6B1H1S1P5L2M2J2E1A1,ROC,CL5S,4,12,10,13,590,15,10,MEPDG,0.00595992900000,0.01543478000000
C6B1H1S1P5L2M2J2E1A2,ROC,CL5S,4,12,10,13,590,15,10,MNAVG,0.00186457000000,0.00263323800000
C6B1H1S1P5L2M2J2E1A3,ROC,CL5S,4,12,10,13,590,15,10,MNHVY,0.00275626400000,0.02960705000000
C6B1H1S1P5L2M2J2E2A1,ROC,CL5S,4,12,10,13,590,15,40,MEPDG,0.00595992900000,0.01543478000000
C6B1H1S1P5L2M2J2E2A2,ROC,CL5S,4,12,10,13,590,15,40,MNAVG,0.00186457000000,0.00263323800000
C6B1H1S1P5L2M2J2E2A3,ROC,CL5S,4,12,10,13,590,15,40,MNHVY,0.00275626400000,0.02960705000000
C6B1H1S1P5L2M3J1E1A1,ROC,CL5S,4,12,10,13,840,12,10,MEPDG,0.00001312813000,0.00004913247000
C6B1H1S1P5L2M3J1E1A2,ROC,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000384371100,0.00000365896000
C6B1H1S1P5L2M3J1E1A3,ROC,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000272346600,0.00005116022000
C6B1H1S1P5L2M3J1E2A1,ROC,CL5S,4,12,10,13,840,12,40,MEPDG,0.00001312813000,0.00004913247000
C6B1H1S1P5L2M3J1E2A2,ROC,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000384371100,0.00000365896000
C6B1H1S1P5L2M3J1E2A3,ROC,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000272346600,0.00005116022000
C6B1H1S1P5L2M3J2E1A1,ROC,CL5S,4,12,10,13,840,15,10,MEPDG,0.00014514960000,0.00073105340000
C6B1H1S1P5L2M3J2E1A2,ROC,CL5S,4,12,10,13,840,15,10,MNAVG,0.00003674510000,0.00009658115000
C6B1H1S1P5L2M3J2E1A3,ROC,CL5S,4,12,10,13,840,15,10,MNHVY,0.00004373480000,0.00120988600000
C6B1H1S1P5L2M3J2E2A1,ROC,CL5S,4,12,10,13,840,15,40,MEPDG,0.00014514960000,0.00073105340000
C6B1H1S1P5L2M3J2E2A2,ROC,CL5S,4,12,10,13,840,15,40,MNAVG,0.00003674510000,0.00009658115000
C6B1H1S1P5L2M3J2E2A3,ROC,CL5S,4,12,10,13,840,15,40,MNHVY,0.00004373480000,0.00120988600000
C6B1H1S1P6L1M1J1E1A1,ROC,CL5S,4,12,11,12,340,12,10,MEPDG,0.34633910000000,0.21946040000000
C6B1H1S1P6L1M1J1E1A2,ROC,CL5S,4,12,11,12,340,12,10,MNAVG,0.10114090000000,0.03096910000000
C6B1H1S1P6L1M1J1E1A3,ROC,CL5S,4,12,11,12,340,12,10,MNHVY,0.14554430000000,0.38667580000000
C6B1H1S1P6L1M1J1E2A1,ROC,CL5S,4,12,11,12,340,12,40,MEPDG,0.13089340000000,0.12515780000000
C6B1H1S1P6L1M1J1E2A2,ROC,CL5S,4,12,11,12,340,12,40,MNAVG,0.04015110000000,0.01715462000000
C6B1H1S1P6L1M1J1E2A3,ROC,CL5S,4,12,11,12,340,12,40,MNHVY,0.05129610000000,0.21381610000000
C6B1H1S1P6L1M1J2E1A1,ROC,CL5S,4,12,11,12,340,15,10,MEPDG,1.31732400000000,0.96397450000000
C6B1H1S1P6L1M1J2E1A2,ROC,CL5S,4,12,11,12,340,15,10,MNAVG,0.52714710000000,0.17636210000000
C6B1H1S1P6L1M1J2E1A3,ROC,CL5S,4,12,11,12,340,15,10,MNHVY,0.99389480000000,1.93907400000000
C6B1H1S1P6L1M1J2E2A1,ROC,CL5S,4,12,11,12,340,15,40,MEPDG,0.57120100000000,0.56729020000000
C6B1H1S1P6L1M1J2E2A2,ROC,CL5S,4,12,11,12,340,15,40,MNAVG,0.24184760000000,0.10346070000000
C6B1H1S1P6L1M1J2E2A3,ROC,CL5S,4,12,11,12,340,15,40,MNHVY,0.41451740000000,1.12876100000000
C6B1H1S1P6L1M2J1E1A1,ROC,CL5S,4,12,11,12,590,12,10,MEPDG,0.00226030500000,0.00252255900000
C6B1H1S1P6L1M2J1E1A2,ROC,CL5S,4,12,11,12,590,12,10,MNAVG,0.00048107020000,0.00025594620000
C6B1H1S1P6L1M2J1E1A3,ROC,CL5S,4,12,11,12,590,12,10,MNHVY,0.00045376630000,0.00357036300000
C6B1H1S1P6L1M2J1E2A1,ROC,CL5S,4,12,11,12,590,12,40,MEPDG,0.00058582910000,0.00146981400000
C6B1H1S1P6L1M2J1E2A2,ROC,CL5S,4,12,11,12,590,12,40,MNAVG,0.00015174100000,0.00014354320000
C6B1H1S1P6L1M2J1E2A3,ROC,CL5S,4,12,11,12,590,12,40,MNHVY,0.00012694350000,0.00198602400000
C6B1H1S1P6L1M2J2E1A1,ROC,CL5S,4,12,11,12,590,15,10,MEPDG,0.01415362000000,0.02663191000000
```

```
C6B1H1S1P6L1M2J2E1A2,ROC,CL5S,4,12,11,12,590,15,10,MNAVG,0.00310897100000,0.00400096500000
C6B1H1S1P6L1M2J2E1A3,ROC,CL5S,4,12,11,12,590,15,10,MNHVY,0.00466052300000,0.04935690000000
C6B1H1S1P6L1M2J2E2A1,ROC,CL5S,4,12,11,12,590,15,40,MEPDG,0.00437465100000,0.01473457000000
C6B1H1S1P6L1M2J2E2A2,ROC,CL5S,4,12,11,12,590,15,40,MNAVG,0.00110858000000,0.00219382400000
C6B1H1S1P6L1M2J2E2A3,ROC,CL5S,4,12,11,12,590,15,40,MNHVY,0.00143310000000,0.02687048000000
C6B1H1S1P6L1M3J1E1A1,ROC,CL5S,4,12,11,12,840,12,10,MEPDG,0.00004867464000,0.00007027851000
C6B1H1S1P6L1M3J1E1A2,ROC,CL5S,4,12,11,12,840,12,10,MNAVG,0.00000926601700,0.00000512688300
C6B1H1S1P6L1M3J1E1A3,ROC,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000763635300,0.00007630919000
C6B1H1S1P6L1M3J1E2A1,ROC,CL5S,4,12,11,12,840,12,40,MEPDG,0.00000797404300,0.00004107004000
C6B1H1S1P6L1M3J1E2A2,ROC,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000212736900,0.00000277837800
C6B1H1S1P6L1M3J1E2A3,ROC,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000136726300,0.00004121322000
C6B1H1S1P6L1M3J2E1A1,ROC,CL5S,4,12,11,12,840,15,10,MEPDG,0.00028347840000,0.00119523500000
C6B1H1S1P6L1M3J2E1A2,ROC,CL5S,4,12,11,12,840,15,10,MNAVG,0.00005103971000,0.00013999210000
C6B1H1S1P6L1M3J2E1A3,ROC,CL5S,4,12,11,12,840,15,10,MNHVY,0.00005255619000,0.00189583400000
C6B1H1S1P6L1M3J2E2A1,ROC,CL5S,4,12,11,12,840,15,40,MEPDG,0.00006716075000,0.00067215340000
C6B1H1S1P6L1M3J2E2A2,ROC,CL5S,4,12,11,12,840,15,40,MNAVG,0.00001520326000,0.00007580787000
C6B1H1S1P6L1M3J2E2A3,ROC,CL5S,4,12,11,12,840,15,40,MNHVY,0.00001398647000,0.00102059100000
C6B1H1S1P6L2M1J1E1A1,ROC,CL5S,4,12,11,13,340,12,10,MEPDG,0.02727246000000,0.05511975000000
C6B1H1S1P6L2M1J1E1A2,ROC,CL5S,4,12,11,13,340,12,10,MNAVG,0.00834076200000,0.00770893700000
C6B1H1S1P6L2M1J1E1A3,ROC,CL5S,4,12,11,13,340,12,10,MNHVY,0.01029967000000,0.09536295000000
C6B1H1S1P6L2M1J1E2A1,ROC,CL5S,4,12,11,13,340,12,40,MEPDG,0.02727246000000,0.05511975000000
C6B1H1S1P6L2M1J1E2A2,ROC,CL5S,4,12,11,13,340,12,40,MNAVG,0.00834076200000,0.00770893700000
C6B1H1S1P6L2M1J1E2A3,ROC,CL5S,4,12,11,13,340,12,40,MNHVY,0.01029967000000,0.09536295000000
C6B1H1S1P6L2M1J2E1A1,ROC,CL5S,4,12,11,13,340,15,10,MEPDG,0.13082980000000,0.29820410000000
C6B1H1S1P6L2M1J2E1A2,ROC,CL5S,4,12,11,13,340,15,10,MNAVG,0.05533617000000,0.05592237000000
C6B1H1S1P6L2M1J2E1A3,ROC,CL5S,4,12,11,13,340,15,10,MNHVY,0.09278034000000,0.59838460000000
C6B1H1S1P6L2M1J2E2A1,ROC,CL5S,4,12,11,13,340,15,40,MEPDG,0.13082980000000,0.29820410000000
C6B1H1S1P6L2M1J2E2A2,ROC,CL5S,4,12,11,13,340,15,40,MNAVG,0.05533617000000,0.05592237000000
C6B1H1S1P6L2M1J2E2A3,ROC,CL5S,4,12,11,13,340,15,40,MNHVY,0.09278034000000,0.59838460000000
C6B1H1S1P6L2M2J1E1A1,ROC,CL5S,4,12,11,13,590,12,10,MEPDG,0.00010305900000,0.00061227500000
C6B1H1S1P6L2M2J1E1A2,ROC,CL5S,4,12,11,13,590,12,10,MNAVG,0.00002808433000,0.00006064811000
C6B1H1S1P6L2M2J1E1A3,ROC,CL5S,4,12,11,13,590,12,10,MNHVY,0.00002259052000,0.00083675810000
C6B1H1S1P6L2M2J1E2A1,ROC,CL5S,4,12,11,13,590,12,40,MEPDG,0.00010305900000,0.00061227500000
C6B1H1S1P6L2M2J1E2A2,ROC,CL5S,4,12,11,13,590,12,40,MNAVG,0.00002808433000,0.00006064811000
C6B1H1S1P6L2M2J1E2A3,ROC,CL5S,4,12,11,13,590,12,40,MNHVY,0.00002259052000,0.00083675810000
C6B1H1S1P6L2M2J2E1A1,ROC,CL5S,4,12,11,13,590,15,10,MEPDG,0.00085171630000,0.00719859600000
C6B1H1S1P6L2M2J2E1A2,ROC,CL5S,4,12,11,13,590,15,10,MNAVG,0.00022272690000,0.00109505000000
C6B1H1S1P6L2M2J2E1A3,ROC,CL5S,4,12,11,13,590,15,10,MNHVY,0.00027668610000,0.01326885000000
C6B1H1S1P6L2M2J2E2A1,ROC,CL5S,4,12,11,13,590,15,40,MEPDG,0.00085171630000,0.00719859600000
C6B1H1S1P6L2M2J2E2A2,ROC,CL5S,4,12,11,13,590,15,40,MNAVG,0.00022272690000,0.00109505000000
C6B1H1S1P6L2M2J2E2A3,ROC,CL5S,4,12,11,13,590,15,40,MNHVY,0.00027668610000,0.01326885000000
C6B1H1S1P6L2M3J1E1A1,ROC,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000161042500,0.00001769405000
C6B1H1S1P6L2M3J1E1A2,ROC,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000041505630,0.00000116025300
C6B1H1S1P6L2M3J1E1A3,ROC,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000029624040,0.00001719157000
C6B1H1S1P6L2M3J1E2A1,ROC,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000161042500,0.00001769405000
C6B1H1S1P6L2M3J1E2A2,ROC,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000041505630,0.00000116025300
C6B1H1S1P6L2M3J1E2A3,ROC,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000029624040,0.00001719157000
C6B1H1S1P6L2M3J2E1A1,ROC,CL5S,4,12,11,13,840,15,10,MEPDG,0.00001155515000,0.00031692240000
C6B1H1S1P6L2M3J2E1A2,ROC,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000276898900,0.00003590577000
C6B1H1S1P6L2M3J2E1A3,ROC,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000246717600,0.00048171860000
```

```
C6B1H1S1P6L2M3J2E2A1,ROC,CL5S,4,12,11,13,840,15,40,MEPDG,0.00001155515000,0.00031692240000
C6B1H1S1P6L2M3J2E2A2,ROC,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000276898900,0.00003590577000
C6B1H1S1P6L2M3J2E2A3,ROC,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000246717600,0.00048171860000
C6B1H1S1P7L1M1J1E1A1,ROC,CL5S,4,12,12,12,340,12,10,MEPDG,0.08332531000000,0.10472250000000
C6B1H1S1P7L1M1J1E1A2,ROC,CL5S,4,12,12,12,340,12,10,MNAVG,0.01968943000000,0.01290887000000
C6B1H1S1P7L1M1J1E1A3,ROC,CL5S,4,12,12,12,340,12,10,MNHVY,0.02572091000000,0.17228960000000
C6B1H1S1P7L1M1J1E2A1,ROC,CL5S,4,12,12,12,340,12,40,MEPDG,0.02810080000000,0.06179956000000
C6B1H1S1P7L1M1J1E2A2,ROC,CL5S,4,12,12,12,340,12,40,MNAVG,0.00737367100000,0.00749672400000
C6B1H1S1P7L1M1J1E2A3,ROC,CL5S,4,12,12,12,340,12,40,MNHVY,0.00841494300000,0.09916078000000
C6B1H1S1P7L1M1J2E1A1,ROC,CL5S,4,12,12,12,340,15,10,MEPDG,0.36859620000000,0.55730550000000
C6B1H1S1P7L1M1J2E1A2,ROC,CL5S,4,12,12,12,340,15,10,MNAVG,0.11308060000000,0.09314065000000
C6B1H1S1P7L1M1J2E1A3,ROC,CL5S,4,12,12,12,340,15,10,MNHVY,0.20456250000000,1.09068500000000
C6B1H1S1P7L1M1J2E2A1,ROC,CL5S,4,12,12,12,340,15,40,MEPDG,0.14251410000000,0.33423950000000
C6B1H1S1P7L1M1J2E2A2,ROC,CL5S,4,12,12,12,340,15,40,MNAVG,0.04736252000000,0.05605841000000
C6B1H1S1P7L1M1J2E2A3,ROC,CL5S,4,12,12,12,340,15,40,MNHVY,0.07545453000000,0.64893520000000
C6B1H1S1P7L1M2J1E1A1,ROC,CL5S,4,12,12,12,590,12,10,MEPDG,0.00039338830000,0.00098692180000
C6B1H1S1P7L1M2J1E1A2,ROC,CL5S,4,12,12,12,590,12,10,MNAVG,0.00007662865000,0.00008621623000
C6B1H1S1P7L1M2J1E1A3,ROC,CL5S,4,12,12,12,590,12,10,MNHVY,0.00006468120000,0.00126241300000
C6B1H1S1P7L1M2J1E2A1,ROC,CL5S,4,12,12,12,590,12,40,MEPDG,0.00009005809000,0.00062549150000
C6B1H1S1P7L1M2J1E2A2,ROC,CL5S,4,12,12,12,590,12,40,MNAVG,0.00002237675000,0.00005321745000
C6B1H1S1P7L1M2J1E2A3,ROC,CL5S,4,12,12,12,590,12,40,MNHVY,0.00001679708000,0.00077379280000
C6B1H1S1P7L1M2J2E1A1,ROC,CL5S,4,12,12,12,590,15,10,MEPDG,0.00219499000000,0.01178299000000
C6B1H1S1P7L1M2J2E1A2,ROC,CL5S,4,12,12,12,590,15,10,MNAVG,0.00040683420000,0.00154947100000
C6B1H1S1P7L1M2J2E1A3,ROC,CL5S,4,12,12,12,590,15,10,MNHVY,0.00048781450000,0.02045427000000
C6B1H1S1P7L1M2J2E2A1,ROC,CL5S,4,12,12,12,590,15,40,MEPDG,0.00058621740000,0.00684479900000
C6B1H1S1P7L1M2J2E2A2,ROC,CL5S,4,12,12,12,590,15,40,MNAVG,0.00013285330000,0.00090294170000
C6B1H1S1P7L1M2J2E2A3,ROC,CL5S,4,12,12,12,590,15,40,MNHVY,0.00013772360000,0.01176053000000
C6B1H1S1P7L1M3J1E1A1,ROC,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000646639700,0.00002805600000
C6B1H1S1P7L1M3J1E1A2,ROC,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000111707000,0.00000181084500
C6B1H1S1P7L1M3J1E1A3,ROC,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000074577620,0.00002754604000
C6B1H1S1P7L1M3J1E2A1,ROC,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000137734900,0.00002098316000
C6B1H1S1P7L1M3J1E2A2,ROC,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000030373610,0.00000122921100
C6B1H1S1P7L1M3J1E2A3,ROC,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000019621770,0.00001859050000
C6B1H1S1P7L1M3J2E1A1,ROC,CL5S,4,12,12,12,840,15,10,MEPDG,0.00003262976000,0.00048794410000
C6B1H1S1P7L1M3J2E1A2,ROC,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000523207200,0.00004855437000
C6B1H1S1P7L1M3J2E1A3,ROC,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000475339500,0.00069693260000
C6B1H1S1P7L1M3J2E2A1,ROC,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000669497500,0.00029733740000
C6B1H1S1P7L1M3J2E2A2,ROC,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000141258400,0.00002848935000
C6B1H1S1P7L1M3J2E2A3,ROC,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000113804800,0.00040658700000
C6B1H1S1P7L2M1J1E1A1,ROC,CL5S,4,12,12,13,340,12,10,MEPDG,0.00556609100000,0.02773563000000
C6B1H1S1P7L2M1J1E1A2,ROC,CL5S,4,12,12,13,340,12,10,MNAVG,0.00149175400000,0.00342634700000
C6B1H1S1P7L2M1J1E1A3,ROC,CL5S,4,12,12,13,340,12,10,MNHVY,0.00163106700000,0.04507842000000
C6B1H1S1P7L2M1J1E2A1,ROC,CL5S,4,12,12,13,340,12,40,MEPDG,0.00556609100000,0.02773563000000
C6B1H1S1P7L2M1J1E2A2,ROC,CL5S,4,12,12,13,340,12,40,MNAVG,0.00149175400000,0.00342634700000
C6B1H1S1P7L2M1J1E2A3,ROC,CL5S,4,12,12,13,340,12,40,MNHVY,0.00163106700000,0.04507842000000
C6B1H1S1P7L2M1J2E1A1,ROC,CL5S,4,12,12,13,340,15,10,MEPDG,0.03086703000000,0.17685040000000
C6B1H1S1P7L2M1J2E1A2,ROC,CL5S,4,12,12,13,340,15,10,MNAVG,0.01033541000000,0.03040535000000
C6B1H1S1P7L2M1J2E1A3,ROC,CL5S,4,12,12,13,340,15,10,MNHVY,0.01591436000000,0.34668750000000
C6B1H1S1P7L2M1J2E2A1,ROC,CL5S,4,12,12,13,340,15,40,MEPDG,0.03086703000000,0.17685040000000
C6B1H1S1P7L2M1J2E2A2,ROC,CL5S,4,12,12,13,340,15,40,MNAVG,0.01033541000000,0.03040535000000
```

```
C6B1H1S1P7L2M1J2E2A3,ROC,CL5S,4,12,12,13,340,15,40,MNHVY,0.01591436000000,0.34668750000000
C6B1H1S1P7L2M2J1E1A1,ROC,CL5S,4,12,12,13,590,12,10,MEPDG,0.00001520286000,0.00027311690000
C6B1H1S1P7L2M2J1E1A2,ROC,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000401945900,0.00002355227000
C6B1H1S1P7L2M2J1E1A3,ROC,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000292416600,0.00034191280000
C6B1H1S1P7L2M2J1E2A1,ROC,CL5S,4,12,12,13,590,12,40,MEPDG,0.00001520286000,0.00027311690000
C6B1H1S1P7L2M2J1E2A2,ROC,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000401945900,0.00002355227000
C6B1H1S1P7L2M2J1E2A3,ROC,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000292416600,0.00034191280000
C6B1H1S1P7L2M2J2E1A1,ROC,CL5S,4,12,12,13,590,15,10,MEPDG,0.00010650400000,0.00343110700000
C6B1H1S1P7L2M2J2E1A2,ROC,CL5S,4,12,12,13,590,15,10,MNAVG,0.00002540839000,0.00046271200000
C6B1H1S1P7L2M2J2E1A3,ROC,CL5S,4,12,12,13,590,15,10,MNHVY,0.00002528447000,0.00597596700000
C6B1H1S1P7L2M2J2E2A1,ROC,CL5S,4,12,12,13,590,15,40,MEPDG,0.00010650400000,0.00343110700000
C6B1H1S1P7L2M2J2E2A2,ROC,CL5S,4,12,12,13,590,15,40,MNAVG,0.00002540839000,0.00046271200000
C6B1H1S1P7L2M2J2E2A3,ROC,CL5S,4,12,12,13,590,15,40,MNHVY,0.00002528447000,0.00597596700000
C6B1H1S1P7L2M3J1E1A1,ROC,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000021006250,0.00000916206000
C6B1H1S1P7L2M3J1E1A2,ROC,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000005006186,0.00000052280760
C6B1H1S1P7L2M3J1E1A3,ROC,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000003124230,0.00000789175000
C6B1H1S1P7L2M3J1E2A1,ROC,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000021006250,0.00000916206000
C6B1H1S1P7L2M3J1E2A2,ROC,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000005006186,0.00000052280760
C6B1H1S1P7L2M3J1E2A3,ROC,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000003124230,0.00000789175000
C6B1H1S1P7L2M3J2E1A1,ROC,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000109253200,0.00014271450000
C6B1H1S1P7L2M3J2E1A2,ROC,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000024679110,0.00001363357000
C6B1H1S1P7L2M3J2E1A3,ROC,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000019311890,0.00019426860000
C6B1H1S1P7L2M3J2E2A1,ROC,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000109253200,0.00014271450000
C6B1H1S1P7L2M3J2E2A2,ROC,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000024679110,0.00001363357000
C6B1H1S1P7L2M3J2E2A3,ROC,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000019311890,0.00019426860000
C6B1H2S2P1L1M1J1E1A1,ROC,CL5S,12,4,6,12,340,12,10,MEPDG,54.94443000000000,0.00000000015139
C6B1H2S2P1L1M1J1E1A2,ROC,CL5S,12,4,6,12,340,12,10,MNAVG,42.17735000000000,0.00000000000873
C6B1H2S2P1L1M1J1E1A3,ROC,CL5S,12,4,6,12,340,12,10,MNHVY,71.81168000000000,0.00000000012281
C6B1H2S2P1L1M1J1E2A1,ROC,CL5S,12,4,6,12,340,12,40,MEPDG,32.52036000000000,0.00000000006265
C6B1H2S2P1L1M1J1E2A2,ROC,CL5S,12,4,6,12,340,12,40,MNAVG,23.65501000000000,0.00000000000412
C6B1H2S2P1L1M1J1E2A3,ROC,CL5S,12,4,6,12,340,12,40,MNHVY,41.12287000000000,0.00000000005712
C6B1H2S2P1L1M1J2E1A1,ROC,CL5S,12,4,6,12,340,15,10,MEPDG,67.85657000000000,0.00000000011130
C6B1H2S2P1L1M1J2E1A2,ROC,CL5S,12,4,6,12,340,15,10,MNAVG,54.32172000000000,0.00000000001077
C6B1H2S2P1L1M1J2E1A3,ROC,CL5S,12,4,6,12,340,15,10,MNHVY,94.37164000000000,0.00000000014059
C6B1H2S2P1L1M1J2E2A1,ROC,CL5S,12,4,6,12,340,15,40,MEPDG,41.25946000000000,0.00000000005382
C6B1H2S2P1L1M1J2E2A2,ROC,CL5S,12,4,6,12,340,15,40,MNAVG,31.56462000000000,0.00000000000591
C6B1H2S2P1L1M1J2E2A3,ROC,CL5S,12,4,6,12,340,15,40,MNHVY,56.08707000000000,0.00000000007446
C6B1H2S2P1L1M2J1E1A1,ROC,CL5S,12,4,6,12,590,12,10,MEPDG,5.66960600000000,0.00000000149360
C6B1H2S2P1L1M2J1E1A2,ROC,CL5S,12,4,6,12,590,12,10,MNAVG,3.56771600000000,0.00000000013222
C6B1H2S2P1L1M2J1E1A3,ROC,CL5S,12,4,6,12,590,12,10,MNHVY,5.82906300000000,0.00000000196359
C6B1H2S2P1L1M2J1E2A1,ROC,CL5S,12,4,6,12,590,12,40,MEPDG,2.95705300000000,0.00000000113727
C6B1H2S2P1L1M2J1E2A2,ROC,CL5S,12,4,6,12,590,12,40,MNAVG,1.79575200000000,0.00000000010307
C6B1H2S2P1L1M2J1E2A3,ROC,CL5S,12,4,6,12,590,12,40,MNHVY,2.92436600000000,0.00000000150667
C6B1H2S2P1L1M2J2E1A1,ROC,CL5S,12,4,6,12,590,15,10,MEPDG,9.41501400000000,0.00000000281589
C6B1H2S2P1L1M2J2E1A2,ROC,CL5S,12,4,6,12,590,15,10,MNAVG,6.72247300000000,0.00000000036454
C6B1H2S2P1L1M2J2E1A3,ROC,CL5S,12,4,6,12,590,15,10,MNHVY,11.66889000000000,0.00000000486982
C6B1H2S2P1L1M2J2E2A1,ROC,CL5S,12,4,6,12,590,15,40,MEPDG,5.26435900000000,0.00000000119281
C6B1H2S2P1L1M2J2E2A2,ROC,CL5S,12,4,6,12,590,15,40,MNAVG,3.69890700000000,0.00000000016030
C6B1H2S2P1L1M2J2E2A3,ROC,CL5S,12,4,6,12,590,15,40,MNHVY,6.45213500000000,0.00000000208287
C6B1H2S2P1L1M3J1E1A1,ROC,CL5S,12,4,6,12,840,12,10,MEPDG,0.78062240000000,0.00000000000000
```

```
C6B1H2S2P1L1M3J1E1A2,ROC,CL5S,12,4,6,12,840,12,10,MNAVG,0.38095690000000,0.00000000000000
C6B1H2S2P1L1M3J1E1A3,ROC,CL5S,12,4,6,12,840,12,10,MNHVY,0.59494230000000,0.00000000000000
C6B1H2S2P1L1M3J1E2A1,ROC,CL5S,12,4,6,12,840,12,40,MEPDG,0.35512550000000,0.00000000070954
C6B1H2S2P1L1M3J1E2A2,ROC,CL5S,12,4,6,12,840,12,40,MNAVG,0.17013350000000,0.00000000007668
C6B1H2S2P1L1M3J1E2A3,ROC,CL5S,12,4,6,12,840,12,40,MNHVY,0.25662680000000,0.00000000103578
C6B1H2S2P1L1M3J2E1A1,ROC,CL5S,12,4,6,12,840,15,10,MEPDG,1.78750800000000,0.00000000000001
C6B1H2S2P1L1M3J2E1A2,ROC,CL5S,12,4,6,12,840,15,10,MNAVG,1.09920700000000,0.00000000000000
C6B1H2S2P1L1M3J2E1A3,ROC,CL5S,12,4,6,12,840,15,10,MNHVY,1.98160200000000,0.00000000000001
C6B1H2S2P1L1M3J2E2A1,ROC,CL5S,12,4,6,12,840,15,40,MEPDG,0.89833270000000,0.00000000000001
C6B1H2S2P1L1M3J2E2A2,ROC,CL5S,12,4,6,12,840,15,40,MNAVG,0.55534290000000,0.00000000000000
C6B1H2S2P1L1M3J2E2A3,ROC,CL5S,12,4,6,12,840,15,40,MNHVY,0.98191750000000,0.00000000000000
C6B1H2S2P1L2M1J1E1A1,ROC,CL5S,12,4,6,13,340,12,10,MEPDG,8.16664500000000,0.00000000002189
C6B1H2S2P1L2M1J1E1A2,ROC,CL5S,12,4,6,13,340,12,10,MNAVG,5.71819300000000,0.00000000000161
C6B1H2S2P1L2M1J1E1A3,ROC,CL5S,12,4,6,13,340,12,10,MNHVY,10.06772000000000,0.00000000002201
C6B1H2S2P1L2M1J1E2A1,ROC,CL5S,12,4,6,13,340,12,40,MEPDG,8.16664500000000,0.00000000002189
C6B1H2S2P1L2M1J1E2A2,ROC,CL5S,12,4,6,13,340,12,40,MNAVG,5.71819300000000,0.00000000000161
C6B1H2S2P1L2M1J1E2A3,ROC,CL5S,12,4,6,13,340,12,40,MNHVY,10.06772000000000,0.00000000002201
C6B1H2S2P1L2M1J2E1A1,ROC,CL5S,12,4,6,13,340,15,10,MEPDG,10.62809000000000,0.00000000002190
C6B1H2S2P1L2M1J2E1A2,ROC,CL5S,12,4,6,13,340,15,10,MNAVG,7.89997900000000,0.00000000000272
C6B1H2S2P1L2M1J2E1A3,ROC,CL5S,12,4,6,13,340,15,10,MNHVY,14.18539000000000,0.00000000003291
C6B1H2S2P1L2M1J2E2A1,ROC,CL5S,12,4,6,13,340,15,40,MEPDG,10.62809000000000,0.00000000002190
C6B1H2S2P1L2M1J2E2A2,ROC,CL5S,12,4,6,13,340,15,40,MNAVG,7.89997900000000,0.00000000000272
C6B1H2S2P1L2M1J2E2A3,ROC,CL5S,12,4,6,13,340,15,40,MNHVY,14.18539000000000,0.00000000003291
C6B1H2S2P1L2M2J1E1A1,ROC,CL5S,12,4,6,13,590,12,10,MEPDG,0.70536920000000,0.00000000040508
C6B1H2S2P1L2M2J1E1A2,ROC,CL5S,12,4,6,13,590,12,10,MNAVG,0.41488800000000,0.00000000003832
C6B1H2S2P1L2M2J1E1A3,ROC,CL5S,12,4,6,13,590,12,10,MNHVY,0.68421470000000,0.00000000055636
C6B1H2S2P1L2M2J1E2A1,ROC,CL5S,12,4,6,13,590,12,40,MEPDG,0.70536920000000,0.00000000040508
C6B1H2S2P1L2M2J1E2A2,ROC,CL5S,12,4,6,13,590,12,40,MNAVG,0.41488800000000,0.00000000003832
C6B1H2S2P1L2M2J1E2A3,ROC,CL5S,12,4,6,13,590,12,40,MNHVY,0.68421470000000,0.00000000055636
C6B1H2S2P1L2M2J2E1A1,ROC,CL5S,12,4,6,13,590,15,10,MEPDG,1.33743000000000,0.00000000049744
C6B1H2S2P1L2M2J2E1A2,ROC,CL5S,12,4,6,13,590,15,10,MNAVG,0.93042560000000,0.00000000007029
C6B1H2S2P1L2M2J2E1A3,ROC,CL5S,12,4,6,13,590,15,10,MNHVY,1.64181900000000,0.00000000089637
C6B1H2S2P1L2M2J2E2A1,ROC,CL5S,12,4,6,13,590,15,40,MEPDG,1.33743000000000,0.00000000049744
C6B1H2S2P1L2M2J2E2A2,ROC,CL5S,12,4,6,13,590,15,40,MNAVG,0.93042560000000,0.00000000007029
C6B1H2S2P1L2M2J2E2A3,ROC,CL5S,12,4,6,13,590,15,40,MNHVY,1.64181900000000,0.00000000089637
C6B1H2S2P1L2M3J1E1A1,ROC,CL5S,12,4,6,13,840,12,10,MEPDG,0.07964115000000,0.00000000021967
C6B1H2S2P1L2M3J1E1A2,ROC,CL5S,12,4,6,13,840,12,10,MNAVG,0.03707419000000,0.00000000002415
C6B1H2S2P1L2M3J1E1A3,ROC,CL5S,12,4,6,13,840,12,10,MNHVY,0.05623374000000,0.00000000032505
C6B1H2S2P1L2M3J1E2A1,ROC,CL5S,12,4,6,13,840,12,40,MEPDG,0.07964115000000,0.00000000021967
C6B1H2S2P1L2M3J1E2A2,ROC,CL5S,12,4,6,13,840,12,40,MNAVG,0.03707419000000,0.00000000002415
C6B1H2S2P1L2M3J1E2A3,ROC,CL5S,12,4,6,13,840,12,40,MNHVY,0.05623374000000,0.00000000032505
C6B1H2S2P1L2M3J2E1A1,ROC,CL5S,12,4,6,13,840,15,10,MEPDG,0.21962510000000,0.00000000000000
C6B1H2S2P1L2M3J2E1A2,ROC,CL5S,12,4,6,13,840,15,10,MNAVG,0.13512560000000,0.00000000000000
C6B1H2S2P1L2M3J2E1A3,ROC,CL5S,12,4,6,13,840,15,10,MNHVY,0.24198460000000,0.00000000000000
C6B1H2S2P1L2M3J2E2A1,ROC,CL5S,12,4,6,13,840,15,40,MEPDG,0.21962510000000,0.00000000000000
C6B1H2S2P1L2M3J2E2A2,ROC,CL5S,12,4,6,13,840,15,40,MNAVG,0.13512560000000,0.00000000000000
C6B1H2S2P1L2M3J2E2A3,ROC,CL5S,12,4,6,13,840,15,40,MNHVY,0.24198460000000,0.00000000000000
C6B1H2S2P2L1M1J1E1A1,ROC,CL5S,12,4,7,12,340,12,10,MEPDG,26.36296000000000,0.00000005217429
C6B1H2S2P2L1M1J1E1A2,ROC,CL5S,12,4,7,12,340,12,10,MNAVG,19.03820000000000,0.00000000438050
C6B1H2S2P2L1M1J1E1A3,ROC,CL5S,12,4,7,12,340,12,10,MNHVY,32.85954000000000,0.00000006273780
```

```
C6B1H2S2P2L1M1J1E2A1,ROC,CL5S,12,4,7,12,340,12,40,MEPDG,14.90081000000000,0.00000003389107
C6B1H2S2P2L1M1J1E2A2,ROC,CL5S,12,4,7,12,340,12,40,MNAVG,10.43368000000000,0.00000000304162
C6B1H2S2P2L1M1J1E2A3,ROC,CL5S,12,4,7,12,340,12,40,MNHVY,18.03344000000000,0.00000004278144
C6B1H2S2P2L1M1J2E1A1,ROC,CL5S,12,4,7,12,340,15,10,MEPDG,41.14238000000000,0.00000013245620
C6B1H2S2P2L1M1J2E1A2,ROC,CL5S,12,4,7,12,340,15,10,MNAVG,32.50573000000000,0.00000001708190
C6B1H2S2P2L1M1J2E1A3,ROC,CL5S,12,4,7,12,340,15,10,MNHVY,58.30055000000000,0.00000021774590
C6B1H2S2P2L1M1J2E2A1,ROC,CL5S,12,4,7,12,340,15,40,MEPDG,24.67066000000000,0.00000006489674
C6B1H2S2P2L1M1J2E2A2,ROC,CL5S,12,4,7,12,340,15,40,MNAVG,19.18281000000000,0.00000000883910
C6B1H2S2P2L1M1J2E2A3,ROC,CL5S,12,4,7,12,340,15,40,MNHVY,34.59642000000000,0.00000010937160
C6B1H2S2P2L1M2J1E1A1,ROC,CL5S,12,4,7,12,590,12,10,MEPDG,1.61176300000000,0.00000009613177
C6B1H2S2P2L1M2J1E1A2,ROC,CL5S,12,4,7,12,590,12,10,MNAVG,0.81154580000000,0.00000001220423
C6B1H2S2P2L1M2J1E1A3,ROC,CL5S,12,4,7,12,590,12,10,MNHVY,1.32782300000000,0.00000016579020
C6B1H2S2P2L1M2J1E2A1,ROC,CL5S,12,4,7,12,590,12,40,MEPDG,0.74984720000000,0.00000003811476
C6B1H2S2P2L1M2J1E2A2,ROC,CL5S,12,4,7,12,590,12,40,MNAVG,0.37447320000000,0.00000000469819
C6B1H2S2P2L1M2J1E2A3,ROC,CL5S,12,4,7,12,590,12,40,MNHVY,0.58598770000000,0.00000006292763
C6B1H2S2P2L1M2J2E1A1,ROC,CL5S,12,4,7,12,590,15,10,MEPDG,4.05232200000000,0.00000000000137
C6B1H2S2P2L1M2J2E1A2,ROC,CL5S,12,4,7,12,590,15,10,MNAVG,2.56678100000000,0.00000000000010
C6B1H2S2P2L1M2J2E1A3,ROC,CL5S,12,4,7,12,590,15,10,MNHVY,4.81092300000000,0.00000000000129
C6B1H2S2P2L1M2J2E2A1,ROC,CL5S,12,4,7,12,590,15,40,MEPDG,2.10114700000000,0.00000000000085
C6B1H2S2P2L1M2J2E2A2,ROC,CL5S,12,4,7,12,590,15,40,MNAVG,1.35210400000000,0.00000000000007
C6B1H2S2P2L1M2J2E2A3,ROC,CL5S,12,4,7,12,590,15,40,MNHVY,2.46531000000000,0.00000000000094
C6B1H2S2P2L1M3J1E1A1,ROC,CL5S,12,4,7,12,840,12,10,MEPDG,0.15102790000000,0.00000004422838
C6B1H2S2P2L1M3J1E1A2,ROC,CL5S,12,4,7,12,840,12,10,MNAVG,0.05469049000000,0.00000000545827
C6B1H2S2P2L1M3J1E1A3,ROC,CL5S,12,4,7,12,840,12,10,MNHVY,0.08235406000000,0.00000006946208
C6B1H2S2P2L1M3J1E2A1,ROC,CL5S,12,4,7,12,840,12,40,MEPDG,0.05895985000000,0.00000491198400
C6B1H2S2P2L1M3J1E2A2,ROC,CL5S,12,4,7,12,840,12,40,MNAVG,0.02180992000000,0.00000056585050
C6B1H2S2P2L1M3J1E2A3,ROC,CL5S,12,4,7,12,840,12,40,MNHVY,0.03018461000000,0.00000720608300
C6B1H2S2P2L1M3J2E1A1,ROC,CL5S,12,4,7,12,840,15,10,MEPDG,0.58652790000000,0.00781186800000
C6B1H2S2P2L1M3J2E1A2,ROC,CL5S,12,4,7,12,840,15,10,MNAVG,0.29145130000000,0.00138825600000
C6B1H2S2P2L1M3J2E1A3,ROC,CL5S,12,4,7,12,840,15,10,MNHVY,0.58978220000000,0.01464765000000
C6B1H2S2P2L1M3J2E2A1,ROC,CL5S,12,4,7,12,840,15,40,MEPDG,0.26356600000000,0.00000000000198
C6B1H2S2P2L1M3J2E2A2,ROC,CL5S,12,4,7,12,840,15,40,MNAVG,0.13609120000000,0.00000000000011
C6B1H2S2P2L1M3J2E2A3,ROC,CL5S,12,4,7,12,840,15,40,MNHVY,0.25893580000000,0.00000000000150
C6B1H2S2P2L2M1J1E1A1,ROC,CL5S,12,4,7,13,340,12,10,MEPDG,3.73555200000000,0.00000001317610
C6B1H2S2P2L2M1J1E1A2,ROC,CL5S,12,4,7,13,340,12,10,MNAVG,2.54478500000000,0.00000000125836
C6B1H2S2P2L2M1J1E1A3,ROC,CL5S,12,4,7,13,340,12,10,MNHVY,4.43652300000000,0.00000001746026
C6B1H2S2P2L2M1J1E2A1,ROC,CL5S,12,4,7,13,340,12,40,MEPDG,3.73555200000000,0.00000001317610
C6B1H2S2P2L2M1J1E2A2,ROC,CL5S,12,4,7,13,340,12,40,MNAVG,2.54478500000000,0.00000000125836
C6B1H2S2P2L2M1J1E2A3,ROC,CL5S,12,4,7,13,340,12,40,MNHVY,4.43652300000000,0.00000001746026
C6B1H2S2P2L2M1J2E1A1,ROC,CL5S,12,4,7,13,340,15,10,MEPDG,6.57807100000000,0.00000002802703
C6B1H2S2P2L2M1J2E1A2,ROC,CL5S,12,4,7,13,340,15,10,MNAVG,5.06959700000000,0.00000000407214
C6B1H2S2P2L2M1J2E1A3,ROC,CL5S,12,4,7,13,340,15,10,MNHVY,9.19024400000000,0.00000004906846
C6B1H2S2P2L2M1J2E2A1,ROC,CL5S,12,4,7,13,340,15,40,MEPDG,6.57807100000000,0.00000002802703
C6B1H2S2P2L2M1J2E2A2,ROC,CL5S,12,4,7,13,340,15,40,MNAVG,5.06959700000000,0.00000000407214
C6B1H2S2P2L2M1J2E2A3,ROC,CL5S,12,4,7,13,340,15,40,MNHVY,9.19024400000000,0.00000004906846
C6B1H2S2P2L2M2J1E1A1,ROC,CL5S,12,4,7,13,590,12,10,MEPDG,0.17131750000000,0.00000001423668
C6B1H2S2P2L2M2J1E1A2,ROC,CL5S,12,4,7,13,590,12,10,MNAVG,0.08338902000000,0.00000000178698
C6B1H2S2P2L2M2J1E1A3,ROC,CL5S,12,4,7,13,590,12,10,MNHVY,0.13052800000000,0.00000002386123
C6B1H2S2P2L2M2J1E2A1,ROC,CL5S,12,4,7,13,590,12,40,MEPDG,0.17131750000000,0.00000001423668
C6B1H2S2P2L2M2J1E2A2,ROC,CL5S,12,4,7,13,590,12,40,MNAVG,0.08338902000000,0.00000000178698
```

```
C6B1H2S2P2L2M2J1E2A3,ROC,CL5S,12,4,7,13,590,12,40,MNHVY,0.13052800000000,0.00000002386123
C6B1H2S2P2L2M2J2E1A1,ROC,CL5S,12,4,7,13,590,15,10,MEPDG,0.53066780000000,0.00000000000034
C6B1H2S2P2L2M2J2E1A2,ROC,CL5S,12,4,7,13,590,15,10,MNAVG,0.34139690000000,0.00000000000003
C6B1H2S2P2L2M2J2E1A3,ROC,CL5S,12,4,7,13,590,15,10,MNHVY,0.62627140000000,0.00000000000042
C6B1H2S2P2L2M2J2E2A1,ROC,CL5S,12,4,7,13,590,15,40,MEPDG,0.53066780000000,0.00000000000034
C6B1H2S2P2L2M2J2E2A2,ROC,CL5S,12,4,7,13,590,15,40,MNAVG,0.34139690000000,0.00000000000003
C6B1H2S2P2L2M2J2E2A3,ROC,CL5S,12,4,7,13,590,15,40,MNHVY,0.62627140000000,0.00000000000042
C6B1H2S2P2L2M3J1E1A1,ROC,CL5S,12,4,7,13,840,12,10,MEPDG,0.01246229000000,0.00000404529100
C6B1H2S2P2L2M3J1E1A2,ROC,CL5S,12,4,7,13,840,12,10,MNAVG,0.00454261600000,0.00000045750440
C6B1H2S2P2L2M3J1E1A3,ROC,CL5S,12,4,7,13,840,12,10,MNHVY,0.00621524800000,0.00000581971300
C6B1H2S2P2L2M3J1E2A1,ROC,CL5S,12,4,7,13,840,12,40,MEPDG,0.01246229000000,0.00000404529100
C6B1H2S2P2L2M3J1E2A2,ROC,CL5S,12,4,7,13,840,12,40,MNAVG,0.00454261600000,0.00000045750440
C6B1H2S2P2L2M3J1E2A3,ROC,CL5S,12,4,7,13,840,12,40,MNHVY,0.00621524800000,0.00000581971300
C6B1H2S2P2L2M3J2E1A1,ROC,CL5S,12,4,7,13,840,15,10,MEPDG,0.06257020000000,0.00153180300000
C6B1H2S2P2L2M3J2E1A2,ROC,CL5S,12,4,7,13,840,15,10,MNAVG,0.03228215000000,0.00025738840000
C6B1H2S2P2L2M3J2E1A3,ROC,CL5S,12,4,7,13,840,15,10,MNHVY,0.06181687000000,0.00276680200000
C6B1H2S2P2L2M3J2E2A1,ROC,CL5S,12,4,7,13,840,15,40,MEPDG,0.06257020000000,0.00153180300000
C6B1H2S2P2L2M3J2E2A2,ROC,CL5S,12,4,7,13,840,15,40,MNAVG,0.03228215000000,0.00025738840000
C6B1H2S2P2L2M3J2E2A3,ROC,CL5S,12,4,7,13,840,15,40,MNHVY,0.06181687000000,0.00276680200000
C6B1H2S2P3L1M1J1E1A1,ROC,CL5S,12,4,8,12,340,12,10,MEPDG,9.49287600000000,0.00000237777500
C6B1H2S2P3L1M1J1E1A2,ROC,CL5S,12,4,8,12,340,12,10,MNAVG,5.75715400000000,0.00000027142830
C6B1H2S2P3L1M1J1E1A3,ROC,CL5S,12,4,8,12,340,12,10,MNHVY,9.88369800000000,0.00000379793600
C6B1H2S2P3L1M1J1E2A1,ROC,CL5S,12,4,8,12,340,12,40,MEPDG,4.89660100000000,0.00000158342900
C6B1H2S2P3L1M1J1E2A2,ROC,CL5S,12,4,8,12,340,12,40,MNAVG,2.93013800000000,0.00000018400870
C6B1H2S2P3L1M1J1E2A3,ROC,CL5S,12,4,8,12,340,12,40,MNHVY,4.88099800000000,0.00000252663600
C6B1H2S2P3L1M1J2E1A1,ROC,CL5S,12,4,8,12,340,15,10,MEPDG,19.20473000000000,0.00000559872200
C6B1H2S2P3L1M1J2E1A2,ROC,CL5S,12,4,8,12,340,15,10,MNAVG,13.63249000000000,0.00000089304310
C6B1H2S2P3L1M1J2E1A3,ROC,CL5S,12,4,8,12,340,15,10,MNHVY,25.27315000000000,0.00001082375000
C6B1H2S2P3L1M1J2E2A1,ROC,CL5S,12,4,8,12,340,15,40,MEPDG,10.81492000000000,0.00000384816800
C6B1H2S2P3L1M1J2E2A2,ROC,CL5S,12,4,8,12,340,15,40,MNAVG,7.73076600000000,0.00000063018540
C6B1H2S2P3L1M1J2E2A3,ROC,CL5S,12,4,8,12,340,15,40,MNHVY,14.07013000000000,0.00000744299200
C6B1H2S2P3L1M2J1E1A1,ROC,CL5S,12,4,8,12,590,12,10,MEPDG,0.34390650000000,0.00000060919070
C6B1H2S2P3L1M2J1E1A2,ROC,CL5S,12,4,8,12,590,12,10,MNAVG,0.12793310000000,0.00000008370210
C6B1H2S2P3L1M2J1E1A3,ROC,CL5S,12,4,8,12,590,12,10,MNHVY,0.19708720000000,0.00000107325400
C6B1H2S2P3L1M2J1E2A1,ROC,CL5S,12,4,8,12,590,12,40,MEPDG,0.13925290000000,0.00006072929000
C6B1H2S2P3L1M2J1E2A2,ROC,CL5S,12,4,8,12,590,12,40,MNAVG,0.05292491000000,0.00000996228800
C6B1H2S2P3L1M2J1E2A3,ROC,CL5S,12,4,8,12,590,12,40,MNHVY,0.07481942000000,0.00011182850000
C6B1H2S2P3L1M2J2E1A1,ROC,CL5S,12,4,8,12,590,15,10,MEPDG,1.25579400000000,0.00000696868500
C6B1H2S2P3L1M2J2E1A2,ROC,CL5S,12,4,8,12,590,15,10,MNAVG,0.63621740000000,0.00000125419800
C6B1H2S2P3L1M2J2E1A3,ROC,CL5S,12,4,8,12,590,15,10,MNHVY,1.25829600000000,0.00001421263000
C6B1H2S2P3L1M2J2E2A1,ROC,CL5S,12,4,8,12,590,15,40,MEPDG,0.57909670000000,0.00000298753700
C6B1H2S2P3L1M2J2E2A2,ROC,CL5S,12,4,8,12,590,15,40,MNAVG,0.30527200000000,0.00000052767170
C6B1H2S2P3L1M2J2E2A3,ROC,CL5S,12,4,8,12,590,15,40,MNHVY,0.56518990000000,0.00000596240700
C6B1H2S2P3L1M3J1E1A1,ROC,CL5S,12,4,8,12,840,12,10,MEPDG,0.02052307000000,0.00007804756000
C6B1H2S2P3L1M3J1E1A2,ROC,CL5S,12,4,8,12,840,12,10,MNAVG,0.00561590000000,0.00001020934000
C6B1H2S2P3L1M3J1E1A3,ROC,CL5S,12,4,8,12,840,12,10,MNHVY,0.00710495000000,0.00012588550000
C6B1H2S2P3L1M3J1E2A1,ROC,CL5S,12,4,8,12,840,12,40,MEPDG,0.00668234800000,0.00006211773000
C6B1H2S2P3L1M3J1E2A2,ROC,CL5S,12,4,8,12,840,12,40,MNAVG,0.00198254500000,0.00000683392000
C6B1H2S2P3L1M3J1E2A3,ROC,CL5S,12,4,8,12,840,12,40,MNHVY,0.00223469300000,0.00008809884000
C6B1H2S2P3L1M3J2E1A1,ROC,CL5S,12,4,8,12,840,15,10,MEPDG,0.11759430000000,0.00812112200000
```

```
C6B1H2S2P3L1M3J2E1A2,ROC,CL5S,12,4,8,12,840,15,10,MNAVG,0.04220454000000,0.00135972100000
C6B1H2S2P3L1M3J2E1A3,ROC,CL5S,12,4,8,12,840,15,10,MNHVY,0.08578516000000,0.01514725000000
C6B1H2S2P3L1M3J2E2A1,ROC,CL5S,12,4,8,12,840,15,40,MEPDG,0.04520516000000,0.00015743580000
C6B1H2S2P3L1M3J2E2A2,ROC,CL5S,12,4,8,12,840,15,40,MNAVG,0.01737075000000,0.00002503775000
C6B1H2S2P3L1M3J2E2A3,ROC,CL5S,12,4,8,12,840,15,40,MNHVY,0.03162173000000,0.00029036500000
C6B1H2S2P3L2M1J1E1A1,ROC,CL5S,12,4,8,13,340,12,10,MEPDG,1.18088100000000,0.00000063064820
C6B1H2S2P3L2M1J1E1A2,ROC,CL5S,12,4,8,13,340,12,10,MNAVG,0.68835850000000,0.00000007538603
C6B1H2S2P3L2M1J1E1A3,ROC,CL5S,12,4,8,13,340,12,10,MNHVY,1.14787600000000,0.00000102716600
C6B1H2S2P3L2M1J1E2A1,ROC,CL5S,12,4,8,13,340,12,40,MEPDG,1.18088100000000,0.00000063064820
C6B1H2S2P3L2M1J1E2A2,ROC,CL5S,12,4,8,13,340,12,40,MNAVG,0.68835850000000,0.00000007538603
C6B1H2S2P3L2M1J1E2A3,ROC,CL5S,12,4,8,13,340,12,40,MNHVY,1.14787600000000,0.00000102716600
C6B1H2S2P3L2M1J2E1A1,ROC,CL5S,12,4,8,13,340,15,10,MEPDG,2.84006600000000,0.00000197436500
C6B1H2S2P3L2M1J2E1A2,ROC,CL5S,12,4,8,13,340,15,10,MNAVG,2.02344200000000,0.00000033415070
C6B1H2S2P3L2M1J2E1A3,ROC,CL5S,12,4,8,13,340,15,10,MNHVY,3.68439600000000,0.00000387538900
C6B1H2S2P3L2M1J2E2A1,ROC,CL5S,12,4,8,13,340,15,40,MEPDG,2.84006600000000,0.00000197436500
C6B1H2S2P3L2M1J2E2A2,ROC,CL5S,12,4,8,13,340,15,40,MNAVG,2.02344200000000,0.00000033415070
C6B1H2S2P3L2M1J2E2A3,ROC,CL5S,12,4,8,13,340,15,40,MNHVY,3.68439600000000,0.00000387538900
C6B1H2S2P3L2M2J1E1A1,ROC,CL5S,12,4,8,13,590,12,10,MEPDG,0.02988905000000,0.00003078646000
C6B1H2S2P3L2M2J1E1A2,ROC,CL5S,12,4,8,13,590,12,10,MNAVG,0.01118869000000,0.00000509638000
C6B1H2S2P3L2M2J1E1A3,ROC,CL5S,12,4,8,13,590,12,10,MNHVY,0.01554780000000,0.00005665959000
C6B1H2S2P3L2M2J1E2A1,ROC,CL5S,12,4,8,13,590,12,40,MEPDG,0.02988905000000,0.00003078646000
C6B1H2S2P3L2M2J1E2A2,ROC,CL5S,12,4,8,13,590,12,40,MNAVG,0.01118869000000,0.00000509638000
C6B1H2S2P3L2M2J1E2A3,ROC,CL5S,12,4,8,13,590,12,40,MNHVY,0.01554780000000,0.00005665959000
C6B1H2S2P3L2M2J2E1A1,ROC,CL5S,12,4,8,13,590,15,10,MEPDG,0.13885200000000,0.00788027400000
C6B1H2S2P3L2M2J2E1A2,ROC,CL5S,12,4,8,13,590,15,10,MNAVG,0.07321952000000,0.00159157900000
C6B1H2S2P3L2M2J2E1A3,ROC,CL5S,12,4,8,13,590,15,10,MNHVY,0.13493030000000,0.01570155000000
C6B1H2S2P3L2M2J2E2A1,ROC,CL5S,12,4,8,13,590,15,40,MEPDG,0.13885200000000,0.00788027400000
C6B1H2S2P3L2M2J2E2A2,ROC,CL5S,12,4,8,13,590,15,40,MNAVG,0.07321952000000,0.00159157900000
C6B1H2S2P3L2M2J2E2A3,ROC,CL5S,12,4,8,13,590,15,40,MNHVY,0.13493030000000,0.01570155000000
C6B1H2S2P3L2M3J1E1A1,ROC,CL5S,12,4,8,13,840,12,10,MEPDG,0.00130691900000,0.00002888132000
C6B1H2S2P3L2M3J1E1A2,ROC,CL5S,12,4,8,13,840,12,10,MNAVG,0.00039172480000,0.00000309100500
C6B1H2S2P3L2M3J1E1A3,ROC,CL5S,12,4,8,13,840,12,10,MNHVY,0.00042984320000,0.00003988700000
C6B1H2S2P3L2M3J1E2A1,ROC,CL5S,12,4,8,13,840,12,40,MEPDG,0.00130691900000,0.00002888132000
C6B1H2S2P3L2M3J1E2A2,ROC,CL5S,12,4,8,13,840,12,40,MNAVG,0.00039172480000,0.00000309100500
C6B1H2S2P3L2M3J1E2A3,ROC,CL5S,12,4,8,13,840,12,40,MNHVY,0.00042984320000,0.00003988700000
C6B1H2S2P3L2M3J2E1A1,ROC,CL5S,12,4,8,13,840,15,10,MEPDG,0.00992291600000,0.00102312300000
C6B1H2S2P3L2M3J2E1A2,ROC,CL5S,12,4,8,13,840,15,10,MNAVG,0.00382632300000,0.00016608080000
C6B1H2S2P3L2M3J2E1A3,ROC,CL5S,12,4,8,13,840,15,10,MNHVY,0.00686907300000,0.00187014000000
C6B1H2S2P3L2M3J2E2A1,ROC,CL5S,12,4,8,13,840,15,40,MEPDG,0.00992291600000,0.00102312300000
C6B1H2S2P3L2M3J2E2A2,ROC,CL5S,12,4,8,13,840,15,40,MNAVG,0.00382632300000,0.00016608080000
C6B1H2S2P3L2M3J2E2A3,ROC,CL5S,12,4,8,13,840,15,40,MNHVY,0.00686907300000,0.00187014000000
C6B1H2S2P4L1M1J1E1A1,ROC,CL5S,12,4,9,12,340,12,10,MEPDG,3.09701900000000,0.00002303710000
C6B1H2S2P4L1M1J1E1A2,ROC,CL5S,12,4,9,12,340,12,10,MNAVG,1.50130500000000,0.00000303378900
C6B1H2S2P4L1M1J1E1A3,ROC,CL5S,12,4,9,12,340,12,10,MNHVY,2.53871700000000,0.00004088806000
C6B1H2S2P4L1M1J1E2A1,ROC,CL5S,12,4,9,12,340,12,40,MEPDG,1.44569000000000,0.00007058065000
C6B1H2S2P4L1M1J1E2A2,ROC,CL5S,12,4,9,12,340,12,40,MNAVG,0.70457580000000,0.00001281442000
C6B1H2S2P4L1M1J1E2A3,ROC,CL5S,12,4,9,12,340,12,40,MNHVY,1.11874600000000,0.00013836030000
C6B1H2S2P4L1M1J2E1A1,ROC,CL5S,12,4,9,12,340,15,10,MEPDG,8.26601100000000,0.00008892641000
C6B1H2S2P4L1M1J2E1A2,ROC,CL5S,12,4,9,12,340,15,10,MNAVG,5.08796400000000,0.00001553320000
C6B1H2S2P4L1M1J2E1A3,ROC,CL5S,12,4,9,12,340,15,10,MNHVY,9.83508900000000,0.00018065580000
```

```
C6B1H2S2P4L1M1J2E2A1,ROC,CL5S,12,4,9,12,340,15,40,MEPDG,4.32261600000000,0.00005481957000
C6B1H2S2P4L1M1J2E2A2,ROC,CL5S,12,4,9,12,340,15,40,MNAVG,2.73712200000000,0.00000971667200
C6B1H2S2P4L1M1J2E2A3,ROC,CL5S,12,4,9,12,340,15,40,MNHVY,5.06763300000000,0.00011064020000
C6B1H2S2P4L1M2J1E1A1,ROC,CL5S,12,4,9,12,590,12,10,MEPDG,0.06494729000000,0.00042951380000
C6B1H2S2P4L1M2J1E1A2,ROC,CL5S,12,4,9,12,590,12,10,MNAVG,0.01823414000000,0.00007006554000
C6B1H2S2P4L1M2J1E1A3,ROC,CL5S,12,4,9,12,590,12,10,MNHVY,0.02495452000000,0.00080799100000
C6B1H2S2P4L1M2J1E2A1,ROC,CL5S,12,4,9,12,590,12,40,MEPDG,0.02272873000000,0.00032290700000
C6B1H2S2P4L1M2J1E2A2,ROC,CL5S,12,4,9,12,590,12,40,MNAVG,0.00685478300000,0.00004904250000
C6B1H2S2P4L1M2J1E2A3,ROC,CL5S,12,4,9,12,590,12,40,MNHVY,0.00836521800000,0.00057708260000
C6B1H2S2P4L1M2J2E1A1,ROC,CL5S,12,4,9,12,590,15,10,MEPDG,0.33404310000000,0.05206236000000
C6B1H2S2P4L1M2J2E1A2,ROC,CL5S,12,4,9,12,590,15,10,MNAVG,0.12945020000000,0.00978323600000
C6B1H2S2P4L1M2J2E1A3,ROC,CL5S,12,4,9,12,590,15,10,MNHVY,0.26282800000000,0.10392200000000
C6B1H2S2P4L1M2J2E2A1,ROC,CL5S,12,4,9,12,590,15,40,MEPDG,0.13698850000000,0.00055032440000
C6B1H2S2P4L1M2J2E2A2,ROC,CL5S,12,4,9,12,590,15,40,MNAVG,0.05672239000000,0.00010660620000
C6B1H2S2P4L1M2J2E2A3,ROC,CL5S,12,4,9,12,590,15,40,MNHVY,0.10416820000000,0.00111611000000
C6B1H2S2P4L1M3J1E1A1,ROC,CL5S,12,4,9,12,840,12,10,MEPDG,0.00251636300000,0.00011296500000
C6B1H2S2P4L1M3J1E1A2,ROC,CL5S,12,4,9,12,840,12,10,MNAVG,0.00058738410000,0.00001278532000
C6B1H2S2P4L1M3J1E1A3,ROC,CL5S,12,4,9,12,840,12,10,MNHVY,0.00061720850000,0.00016634310000
C6B1H2S2P4L1M3J1E2A1,ROC,CL5S,12,4,9,12,840,12,40,MEPDG,0.00068760090000,0.00008149465000
C6B1H2S2P4L1M3J1E2A2,ROC,CL5S,12,4,9,12,840,12,40,MNAVG,0.00018714930000,0.00000781347400
C6B1H2S2P4L1M3J1E2A3,ROC,CL5S,12,4,9,12,840,12,40,MNHVY,0.00017532660000,0.00010434180000
C6B1H2S2P4L1M3J2E1A1,ROC,CL5S,12,4,9,12,840,15,10,MEPDG,0.01964596000000,0.00054890600000
C6B1H2S2P4L1M3J2E1A2,ROC,CL5S,12,4,9,12,840,15,10,MNAVG,0.00509147900000,0.00008758996000
C6B1H2S2P4L1M3J2E1A3,ROC,CL5S,12,4,9,12,840,15,10,MNHVY,0.00967531500000,0.00103509200000
C6B1H2S2P4L1M3J2E2A1,ROC,CL5S,12,4,9,12,840,15,40,MEPDG,0.00648973400000,0.00040616080000
C6B1H2S2P4L1M3J2E2A2,ROC,CL5S,12,4,9,12,840,15,40,MNAVG,0.00187919900000,0.00005935329000
C6B1H2S2P4L1M3J2E2A3,ROC,CL5S,12,4,9,12,840,15,40,MNHVY,0.00309096000000,0.00072110450000
C6B1H2S2P4L2M1J1E1A1,ROC,CL5S,12,4,9,13,340,12,10,MEPDG,0.33338940000000,0.00004149399000
C6B1H2S2P4L2M1J1E1A2,ROC,CL5S,12,4,9,13,340,12,10,MNAVG,0.15874130000000,0.00000780756000
C6B1H2S2P4L2M1J1E1A3,ROC,CL5S,12,4,9,13,340,12,10,MNHVY,0.24968510000000,0.00008235340000
C6B1H2S2P4L2M1J1E2A1,ROC,CL5S,12,4,9,13,340,12,40,MEPDG,0.33338940000000,0.00004149399000
C6B1H2S2P4L2M1J1E2A2,ROC,CL5S,12,4,9,13,340,12,40,MNAVG,0.15874130000000,0.00000780756000
C6B1H2S2P4L2M1J1E2A3,ROC,CL5S,12,4,9,13,340,12,40,MNHVY,0.24968510000000,0.00008235340000
C6B1H2S2P4L2M1J2E1A1,ROC,CL5S,12,4,9,13,340,15,10,MEPDG,1.10557800000000,0.00002932662000
C6B1H2S2P4L2M1J2E1A2,ROC,CL5S,12,4,9,13,340,15,10,MNAVG,0.70051080000000,0.00000531432000
C6B1H2S2P4L2M1J2E1A3,ROC,CL5S,12,4,9,13,340,15,10,MNHVY,1.29075500000000,0.00005962379000
C6B1H2S2P4L2M1J2E2A1,ROC,CL5S,12,4,9,13,340,15,40,MEPDG,1.10557800000000,0.00002932662000
C6B1H2S2P4L2M1J2E2A2,ROC,CL5S,12,4,9,13,340,15,40,MNAVG,0.70051080000000,0.00000531432000
C6B1H2S2P4L2M1J2E2A3,ROC,CL5S,12,4,9,13,340,15,40,MNHVY,1.29075500000000,0.00005962379000
C6B1H2S2P4L2M2J1E1A1,ROC,CL5S,12,4,9,13,590,12,10,MEPDG,0.00463268900000,0.00014852510000
C6B1H2S2P4L2M2J1E1A2,ROC,CL5S,12,4,9,13,590,12,10,MNAVG,0.00140549100000,0.00002264928000
C6B1H2S2P4L2M2J1E1A3,ROC,CL5S,12,4,9,13,590,12,10,MNHVY,0.00168799800000,0.00026498090000
C6B1H2S2P4L2M2J1E2A1,ROC,CL5S,12,4,9,13,590,12,40,MEPDG,0.00463268900000,0.00014852510000
C6B1H2S2P4L2M2J1E2A2,ROC,CL5S,12,4,9,13,590,12,40,MNAVG,0.00140549100000,0.00002264928000
C6B1H2S2P4L2M2J1E2A3,ROC,CL5S,12,4,9,13,590,12,40,MNHVY,0.00168799800000,0.00026498090000
C6B1H2S2P4L2M2J2E1A1,ROC,CL5S,12,4,9,13,590,15,10,MEPDG,0.03108998000000,0.01433965000000
C6B1H2S2P4L2M2J2E1A2,ROC,CL5S,12,4,9,13,590,15,10,MNAVG,0.01293364000000,0.00264308200000
C6B1H2S2P4L2M2J2E1A3,ROC,CL5S,12,4,9,13,590,15,10,MNHVY,0.02338828000000,0.02791285000000
C6B1H2S2P4L2M2J2E2A1,ROC,CL5S,12,4,9,13,590,15,40,MEPDG,0.03108998000000,0.01433965000000
C6B1H2S2P4L2M2J2E2A2,ROC,CL5S,12,4,9,13,590,15,40,MNAVG,0.01293364000000,0.00264308200000
```

```
C6B1H2S2P4L2M2J2E2A3,ROC,CL5S,12,4,9,13,590,15,40,MNHVY,0.02338828000000,0.02791285000000
C6B1H2S2P4L2M3J1E1A1,ROC,CL5S,12,4,9,13,840,12,10,MEPDG,0.00012420900000,0.00003540507000
C6B1H2S2P4L2M3J1E1A2,ROC,CL5S,12,4,9,13,840,12,10,MNAVG,0.00003495161000,0.00000328078400
C6B1H2S2P4L2M3J1E1A3,ROC,CL5S,12,4,9,13,840,12,10,MNHVY,0.00003169144000,0.00004387624000
C6B1H2S2P4L2M3J1E2A1,ROC,CL5S,12,4,9,13,840,12,40,MEPDG,0.00012420900000,0.00003540507000
C6B1H2S2P4L2M3J1E2A2,ROC,CL5S,12,4,9,13,840,12,40,MNAVG,0.00003495161000,0.00000328078400
C6B1H2S2P4L2M3J1E2A3,ROC,CL5S,12,4,9,13,840,12,40,MNHVY,0.00003169144000,0.00004387624000
C6B1H2S2P4L2M3J2E1A1,ROC,CL5S,12,4,9,13,840,15,10,MEPDG,0.00132488200000,0.00021506110000
C6B1H2S2P4L2M3J2E1A2,ROC,CL5S,12,4,9,13,840,15,10,MNAVG,0.00038974080000,0.00003123129000
C6B1H2S2P4L2M3J2E1A3,ROC,CL5S,12,4,9,13,840,15,10,MNHVY,0.00062554740000,0.00037835170000
C6B1H2S2P4L2M3J2E2A1,ROC,CL5S,12,4,9,13,840,15,40,MEPDG,0.00132488200000,0.00021506110000
C6B1H2S2P4L2M3J2E2A2,ROC,CL5S,12,4,9,13,840,15,40,MNAVG,0.00038974080000,0.00003123129000
C6B1H2S2P4L2M3J2E2A3,ROC,CL5S,12,4,9,13,840,15,40,MNHVY,0.00062554740000,0.00037835170000
C6B1H2S2P5L1M1J1E1A1,ROC,CL5S,12,4,10,12,340,12,10,MEPDG,0.89019850000000,0.00239344500000
C6B1H2S2P5L1M1J1E1A2,ROC,CL5S,12,4,10,12,340,12,10,MNAVG,0.33184150000000,0.00043871750000
C6B1H2S2P5L1M1J1E1A3,ROC,CL5S,12,4,10,12,340,12,10,MNHVY,0.53494330000000,0.00485795700000
C6B1H2S2P5L1M1J1E2A1,ROC,CL5S,12,4,10,12,340,12,40,MEPDG,0.37263870000000,0.00186903600000
C6B1H2S2P5L1M1J1E2A2,ROC,CL5S,12,4,10,12,340,12,40,MNAVG,0.14282820000000,0.00033687870000
C6B1H2S2P5L1M1J1E2A3,ROC,CL5S,12,4,10,12,340,12,40,MNHVY,0.20938630000000,0.00372675800000
C6B1H2S2P5L1M1J2E1A1,ROC,CL5S,12,4,10,12,340,15,10,MEPDG,3.03196800000000,0.00166440400000
C6B1H2S2P5L1M1J2E1A2,ROC,CL5S,12,4,10,12,340,15,10,MNAVG,1.54197200000000,0.00034342520000
C6B1H2S2P5L1M1J2E1A3,ROC,CL5S,12,4,10,12,340,15,10,MNHVY,3.06128100000000,0.00348265600000
C6B1H2S2P5L1M1J2E2A1,ROC,CL5S,12,4,10,12,340,15,40,MEPDG,1.45118800000000,0.17772560000000
C6B1H2S2P5L1M1J2E2A2,ROC,CL5S,12,4,10,12,340,15,40,MNAVG,0.77400940000000,0.03581602000000
C6B1H2S2P5L1M1J2E2A3,ROC,CL5S,12,4,10,12,340,15,40,MNHVY,1.43379200000000,0.36403290000000
C6B1H2S2P5L1M2J1E1A1,ROC,CL5S,12,4,10,12,590,12,10,MEPDG,0.01072673000000,0.00067176170000
C6B1H2S2P5L1M2J1E1A2,ROC,CL5S,12,4,10,12,590,12,10,MNAVG,0.00249435400000,0.00009247738000
C6B1H2S2P5L1M2J1E1A3,ROC,CL5S,12,4,10,12,590,12,10,MNHVY,0.00284982300000,0.00117767200000
C6B1H2S2P5L1M2J1E2A1,ROC,CL5S,12,4,10,12,590,12,40,MEPDG,0.00320580400000,0.00047091410000
C6B1H2S2P5L1M2J1E2A2,ROC,CL5S,12,4,10,12,590,12,40,MNAVG,0.00085542530000,0.00006146191000
C6B1H2S2P5L1M2J1E2A3,ROC,CL5S,12,4,10,12,590,12,40,MNHVY,0.00086137960000,0.00078167690000
C6B1H2S2P5L1M2J2E1A1,ROC,CL5S,12,4,10,12,590,15,10,MEPDG,0.06898556000000,0.00252872000000
C6B1H2S2P5L1M2J2E1A2,ROC,CL5S,12,4,10,12,590,15,10,MNAVG,0.01972055000000,0.00046172230000
C6B1H2S2P5L1M2J2E1A3,ROC,CL5S,12,4,10,12,590,15,10,MNHVY,0.03751137000000,0.00513535300000
C6B1H2S2P5L1M2J2E2A1,ROC,CL5S,12,4,10,12,590,15,40,MEPDG,0.02473494000000,0.01252249000000
C6B1H2S2P5L1M2J2E2A2,ROC,CL5S,12,4,10,12,590,15,40,MNAVG,0.00779473000000,0.00216100000000
C6B1H2S2P5L1M2J2E2A3,ROC,CL5S,12,4,10,12,590,15,40,MNHVY,0.01295788000000,0.02441601000000
C6B1H2S2P5L1M3J1E1A1,ROC,CL5S,12,4,10,12,840,12,10,MEPDG,0.00029603230000,0.00008116518000
C6B1H2S2P5L1M3J1E1A2,ROC,CL5S,12,4,10,12,840,12,10,MNAVG,0.00006415580000,0.00000725312000
C6B1H2S2P5L1M3J1E1A3,ROC,CL5S,12,4,10,12,840,12,10,MNHVY,0.00005474607000,0.00010296120000
C6B1H2S2P5L1M3J1E2A1,ROC,CL5S,12,4,10,12,840,12,40,MEPDG,0.00006736148000,0.00005835628000
C6B1H2S2P5L1M3J1E2A2,ROC,CL5S,12,4,10,12,840,12,40,MNAVG,0.00001809042000,0.00000452383100
C6B1H2S2P5L1M3J1E2A3,ROC,CL5S,12,4,10,12,840,12,40,MNHVY,0.00001378361000,0.00006407089000
C6B1H2S2P5L1M3J2E1A1,ROC,CL5S,12,4,10,12,840,15,10,MEPDG,0.00257621700000,0.00065536580000
C6B1H2S2P5L1M3J2E1A2,ROC,CL5S,12,4,10,12,840,15,10,MNAVG,0.00051920510000,0.00009076668000
C6B1H2S2P5L1M3J2E1A3,ROC,CL5S,12,4,10,12,840,15,10,MNHVY,0.00079738690000,0.00115217300000
C6B1H2S2P5L1M3J2E2A1,ROC,CL5S,12,4,10,12,840,15,40,MEPDG,0.00072749400000,0.00045401620000
C6B1H2S2P5L1M3J2E2A2,ROC,CL5S,12,4,10,12,840,15,40,MNAVG,0.00017273130000,0.00005763457000
C6B1H2S2P5L1M3J2E2A3,ROC,CL5S,12,4,10,12,840,15,40,MNHVY,0.00022860590000,0.00074379430000
C6B1H2S2P5L2M1J1E1A1,ROC,CL5S,12,4,10,13,340,12,10,MEPDG,0.08174466000000,0.00105365500000
```

```
C6B1H2S2P5L2M1J1E1A2,ROC,CL5S,12,4,10,13,340,12,10,MNAVG,0.03086926000000,0.00019210980000
C6B1H2S2P5L2M1J1E1A3,ROC,CL5S,12,4,10,13,340,12,10,MNHVY,0.04427749000000,0.00211027200000
C6B1H2S2P5L2M1J1E2A1,ROC,CL5S,12,4,10,13,340,12,40,MEPDG,0.08174466000000,0.00105365500000
C6B1H2S2P5L2M1J1E2A2,ROC,CL5S,12,4,10,13,340,12,40,MNAVG,0.03086926000000,0.00019210980000
C6B1H2S2P5L2M1J1E2A3,ROC,CL5S,12,4,10,13,340,12,40,MNHVY,0.04427749000000,0.00211027200000
C6B1H2S2P5L2M1J2E1A1,ROC,CL5S,12,4,10,13,340,15,10,MEPDG,0.35530170000000,0.09719178000000
C6B1H2S2P5L2M1J2E1A2,ROC,CL5S,12,4,10,13,340,15,10,MNAVG,0.18991900000000,0.02002316000000
C6B1H2S2P5L2M1J2E1A3,ROC,CL5S,12,4,10,13,340,15,10,MNHVY,0.34757530000000,0.19962170000000
C6B1H2S2P5L2M1J2E2A1,ROC,CL5S,12,4,10,13,340,15,40,MEPDG,0.35530170000000,0.09719178000000
C6B1H2S2P5L2M1J2E2A2,ROC,CL5S,12,4,10,13,340,15,40,MNAVG,0.18991900000000,0.02002316000000
C6B1H2S2P5L2M1J2E2A3,ROC,CL5S,12,4,10,13,340,15,40,MNHVY,0.34757530000000,0.19962170000000
C6B1H2S2P5L2M2J1E1A1,ROC,CL5S,12,4,10,13,590,12,10,MEPDG,0.00060334390000,0.00021289040000
C6B1H2S2P5L2M2J1E1A2,ROC,CL5S,12,4,10,13,590,12,10,MNAVG,0.00016602150000,0.00002774293000
C6B1H2S2P5L2M2J1E1A3,ROC,CL5S,12,4,10,13,590,12,10,MNHVY,0.00016127150000,0.00035235230000
C6B1H2S2P5L2M2J1E2A1,ROC,CL5S,12,4,10,13,590,12,40,MEPDG,0.00060334390000,0.00021289040000
C6B1H2S2P5L2M2J1E2A2,ROC,CL5S,12,4,10,13,590,12,40,MNAVG,0.00016602150000,0.00002774293000
C6B1H2S2P5L2M2J1E2A3,ROC,CL5S,12,4,10,13,590,12,40,MNHVY,0.00016127150000,0.00035235230000
C6B1H2S2P5L2M2J2E1A1,ROC,CL5S,12,4,10,13,590,15,10,MEPDG,0.00525061000000,0.00470412500000
C6B1H2S2P5L2M2J2E1A2,ROC,CL5S,12,4,10,13,590,15,10,MNAVG,0.00168121100000,0.00083577470000
C6B1H2S2P5L2M2J2E1A3,ROC,CL5S,12,4,10,13,590,15,10,MNHVY,0.00271749400000,0.00927076900000
C6B1H2S2P5L2M2J2E2A1,ROC,CL5S,12,4,10,13,590,15,40,MEPDG,0.00525061000000,0.00470412500000
C6B1H2S2P5L2M2J2E2A2,ROC,CL5S,12,4,10,13,590,15,40,MNAVG,0.00168121100000,0.00083577470000
C6B1H2S2P5L2M2J2E2A3,ROC,CL5S,12,4,10,13,590,15,40,MNHVY,0.00271749400000,0.00927076900000
C6B1H2S2P5L2M3J1E1A1,ROC,CL5S,12,4,10,13,840,12,10,MEPDG,0.00001055843000,0.00002491802000
C6B1H2S2P5L2M3J1E1A2,ROC,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000305627900,0.00000185700800
C6B1H2S2P5L2M3J1E1A3,ROC,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000216765300,0.00002632501000
C6B1H2S2P5L2M3J1E2A1,ROC,CL5S,12,4,10,13,840,12,40,MEPDG,0.00001055843000,0.00002491802000
C6B1H2S2P5L2M3J1E2A2,ROC,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000305627900,0.00000185700800
C6B1H2S2P5L2M3J1E2A3,ROC,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000216765300,0.00002632501000
C6B1H2S2P5L2M3J2E1A1,ROC,CL5S,12,4,10,13,840,15,10,MEPDG,0.00013731350000,0.00022522010000
C6B1H2S2P5L2M3J2E1A2,ROC,CL5S,12,4,10,13,840,15,10,MNAVG,0.00003378723000,0.00002832888000
C6B1H2S2P5L2M3J2E1A3,ROC,CL5S,12,4,10,13,840,15,10,MNHVY,0.00004307114000,0.00036463760000
C6B1H2S2P5L2M3J2E2A1,ROC,CL5S,12,4,10,13,840,15,40,MEPDG,0.00013731350000,0.00022522010000
C6B1H2S2P5L2M3J2E2A2,ROC,CL5S,12,4,10,13,840,15,40,MNAVG,0.00003378723000,0.00002832888000
C6B1H2S2P5L2M3J2E2A3,ROC,CL5S,12,4,10,13,840,15,40,MNHVY,0.00004307114000,0.00036463760000
C6B1H2S2P6L1M1J1E1A1,ROC,CL5S,12,4,11,12,340,12,10,MEPDG,0.23612230000000,0.00774735600000
C6B1H2S2P6L1M1J1E1A2,ROC,CL5S,12,4,11,12,340,12,10,MNAVG,0.06792222000000,0.00125203800000
C6B1H2S2P6L1M1J1E1A3,ROC,CL5S,12,4,11,12,340,12,10,MNHVY,0.10042470000000,0.01520197000000
C6B1H2S2P6L1M1J1E2A1,ROC,CL5S,12,4,11,12,340,12,40,MEPDG,0.08795113000000,0.00553696000000
C6B1H2S2P6L1M1J1E2A2,ROC,CL5S,12,4,11,12,340,12,40,MNAVG,0.02691231000000,0.00088788760000
C6B1H2S2P6L1M1J1E2A3,ROC,CL5S,12,4,11,12,340,12,40,MNHVY,0.03523551000000,0.01067387000000
C6B1H2S2P6L1M1J2E1A1,ROC,CL5S,12,4,11,12,340,15,10,MEPDG,0.98519560000000,0.37523110000000
C6B1H2S2P6L1M1J2E1A2,ROC,CL5S,12,4,11,12,340,15,10,MNAVG,0.39777020000000,0.06795782000000
C6B1H2S2P6L1M1J2E1A3,ROC,CL5S,12,4,11,12,340,15,10,MNHVY,0.79054300000000,0.75776960000000
C6B1H2S2P6L1M1J2E2A1,ROC,CL5S,12,4,11,12,340,15,40,MEPDG,0.43149820000000,0.01199022000000
C6B1H2S2P6L1M1J2E2A2,ROC,CL5S,12,4,11,12,340,15,40,MNAVG,0.18682860000000,0.00238733300000
C6B1H2S2P6L1M1J2E2A3,ROC,CL5S,12,4,11,12,340,15,40,MNHVY,0.33867700000000,0.02489776000000
C6B1H2S2P6L1M2J1E1A1,ROC,CL5S,12,4,11,12,590,12,10,MEPDG,0.00186840000000,0.00067140030000
C6B1H2S2P6L1M2J1E1A2,ROC,CL5S,12,4,11,12,590,12,10,MNAVG,0.00039143400000,0.00007465111000
C6B1H2S2P6L1M2J1E1A3,ROC,CL5S,12,4,11,12,590,12,10,MNHVY,0.00038857140000,0.00104703400000
```

```
C6B1H2S2P6L1M2J1E2A1,ROC,CL5S,12,4,11,12,590,12,40,MEPDG,0.00048584230000,0.00045818690000
C6B1H2S2P6L1M2J1E2A2,ROC,CL5S,12,4,11,12,590,12,40,MNAVG,0.00012338330000,0.00004844231000
C6B1H2S2P6L1M2J1E2A3,ROC,CL5S,12,4,11,12,590,12,40,MNHVY,0.00010827750000,0.00067535390000
C6B1H2S2P6L1M2J2E1A1,ROC,CL5S,12,4,11,12,590,15,10,MEPDG,0.01265643000000,0.00361568300000
C6B1H2S2P6L1M2J2E1A2,ROC,CL5S,12,4,11,12,590,15,10,MNAVG,0.00278397800000,0.00057271900000
C6B1H2S2P6L1M2J2E1A3,ROC,CL5S,12,4,11,12,590,15,10,MNHVY,0.00459161200000,0.00701703400000
C6B1H2S2P6L1M2J2E2A1,ROC,CL5S,12,4,11,12,590,15,40,MEPDG,0.00398738000000,0.00647286900000
C6B1H2S2P6L1M2J2E2A2,ROC,CL5S,12,4,11,12,590,15,40,MNAVG,0.00100947100000,0.00099540140000
C6B1H2S2P6L1M2J2E2A3,ROC,CL5S,12,4,11,12,590,15,40,MNHVY,0.00143516600000,0.01213892000000
C6B1H2S2P6L1M3J1E1A1,ROC,CL5S,12,4,11,12,840,12,10,MEPDG,0.00003576950000,0.00004521759000
C6B1H2S2P6L1M3J1E1A2,ROC,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000712003300,0.00000336944200
C6B1H2S2P6L1M3J1E1A3,ROC,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000514849900,0.00005051183000
C6B1H2S2P6L1M3J1E2A1,ROC,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000699084600,0.00003321444000
C6B1H2S2P6L1M3J1E2A2,ROC,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000181784100,0.00000218870600
C6B1H2S2P6L1M3J1E2A3,ROC,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000118895900,0.00003255613000
C6B1H2S2P6L1M3J2E1A1,ROC,CL5S,12,4,11,12,840,15,10,MEPDG,0.00029460050000,0.00045809010000
C6B1H2S2P6L1M3J2E1A2,ROC,CL5S,12,4,11,12,840,15,10,MNAVG,0.00005061068000,0.00005351279000
C6B1H2S2P6L1M3J2E1A3,ROC,CL5S,12,4,11,12,840,15,10,MNHVY,0.00006135066000,0.00073472890000
C6B1H2S2P6L1M3J2E2A1,ROC,CL5S,12,4,11,12,840,15,40,MEPDG,0.00007146458000,0.00030996390000
C6B1H2S2P6L1M3J2E2A2,ROC,CL5S,12,4,11,12,840,15,40,MNAVG,0.00001522830000,0.00003388894000
C6B1H2S2P6L1M3J2E2A3,ROC,CL5S,12,4,11,12,840,15,40,MNHVY,0.00001621589000,0.00046403440000
C6B1H2S2P6L2M1J1E1A1,ROC,CL5S,12,4,11,13,340,12,10,MEPDG,0.01828348000000,0.00290369600000
C6B1H2S2P6L2M1J1E1A2,ROC,CL5S,12,4,11,13,340,12,10,MNAVG,0.00560091500000,0.00046892360000
C6B1H2S2P6L2M1J1E1A3,ROC,CL5S,12,4,11,13,340,12,10,MNHVY,0.00708790300000,0.00562027400000
C6B1H2S2P6L2M1J1E2A1,ROC,CL5S,12,4,11,13,340,12,40,MEPDG,0.01828348000000,0.00290369600000
C6B1H2S2P6L2M1J1E2A2,ROC,CL5S,12,4,11,13,340,12,40,MNAVG,0.00560091500000,0.00046892360000
C6B1H2S2P6L2M1J1E2A3,ROC,CL5S,12,4,11,13,340,12,40,MNHVY,0.00708790300000,0.00562027400000
C6B1H2S2P6L2M1J2E1A1,ROC,CL5S,12,4,11,13,340,15,10,MEPDG,0.10040920000000,0.00758959700000
C6B1H2S2P6L2M1J2E1A2,ROC,CL5S,12,4,11,13,340,15,10,MNAVG,0.04369038000000,0.00153381400000
C6B1H2S2P6L2M1J2E1A3,ROC,CL5S,12,4,11,13,340,15,10,MNHVY,0.07760019000000,0.01578159000000
C6B1H2S2P6L2M1J2E2A1,ROC,CL5S,12,4,11,13,340,15,40,MEPDG,0.10040920000000,0.00758959700000
C6B1H2S2P6L2M1J2E2A2,ROC,CL5S,12,4,11,13,340,15,40,MNAVG,0.04369038000000,0.00153381400000
C6B1H2S2P6L2M1J2E2A3,ROC,CL5S,12,4,11,13,340,15,40,MNHVY,0.07760019000000,0.01578159000000
C6B1H2S2P6L2M2J1E1A1,ROC,CL5S,12,4,11,13,590,12,10,MEPDG,0.00008639774000,0.00020998300000
C6B1H2S2P6L2M2J1E1A2,ROC,CL5S,12,4,11,13,590,12,10,MNAVG,0.00002299527000,0.00002212100000
C6B1H2S2P6L2M2J1E1A3,ROC,CL5S,12,4,11,13,590,12,10,MNHVY,0.00001948185000,0.00030818270000
C6B1H2S2P6L2M2J1E2A1,ROC,CL5S,12,4,11,13,590,12,40,MEPDG,0.00008639774000,0.00020998300000
C6B1H2S2P6L2M2J1E2A2,ROC,CL5S,12,4,11,13,590,12,40,MNAVG,0.00002299527000,0.00002212100000
C6B1H2S2P6L2M2J1E2A3,ROC,CL5S,12,4,11,13,590,12,40,MNHVY,0.00001948185000,0.00030818270000
C6B1H2S2P6L2M2J2E1A1,ROC,CL5S,12,4,11,13,590,15,10,MEPDG,0.00078951450000,0.00130288600000
C6B1H2S2P6L2M2J2E1A2,ROC,CL5S,12,4,11,13,590,15,10,MNAVG,0.00020572380000,0.00020563900000
C6B1H2S2P6L2M2J2E1A3,ROC,CL5S,12,4,11,13,590,15,10,MNHVY,0.00028153350000,0.00248253100000
C6B1H2S2P6L2M2J2E2A1,ROC,CL5S,12,4,11,13,590,15,40,MEPDG,0.00078951450000,0.00130288600000
C6B1H2S2P6L2M2J2E2A2,ROC,CL5S,12,4,11,13,590,15,40,MNAVG,0.00020572380000,0.00020563900000
C6B1H2S2P6L2M2J2E2A3,ROC,CL5S,12,4,11,13,590,15,40,MNHVY,0.00028153350000,0.00248253100000
C6B1H2S2P6L2M3J1E1A1,ROC,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000123466800,0.00001504130000
C6B1H2S2P6L2M3J1E1A2,ROC,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000032780570,0.00000095752530
C6B1H2S2P6L2M3J1E1A3,ROC,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000021647670,0.00001422914000
C6B1H2S2P6L2M3J1E2A1,ROC,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000123466800,0.00001504130000
C6B1H2S2P6L2M3J1E2A2,ROC,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000032780570,0.00000095752530
```

```
C6B1H2S2P6L2M3J1E2A3,ROC,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000021647670,0.00001422914000
C6B1H2S2P6L2M3J2E1A1,ROC,CL5S,12,4,11,13,840,15,10,MEPDG,0.00001231593000,0.00015924480000
C6B1H2S2P6L2M3J2E1A2,ROC,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000278185900,0.00001716193000
C6B1H2S2P6L2M3J2E1A3,ROC,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000279421600,0.00023492920000
C6B1H2S2P6L2M3J2E2A1,ROC,CL5S,12,4,11,13,840,15,40,MEPDG,0.00001231593000,0.00015924480000
C6B1H2S2P6L2M3J2E2A2,ROC,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000278185900,0.00001716193000
C6B1H2S2P6L2M3J2E2A3,ROC,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000279421600,0.00023492920000
C6B1H2S2P7L1M1J1E1A1,ROC,CL5S,12,4,12,12,340,12,10,MEPDG,0.05991684000000,0.01133080000000
C6B1H2S2P7L1M1J1E1A2,ROC,CL5S,12,4,12,12,340,12,10,MNAVG,0.01401507000000,0.00159822700000
C6B1H2S2P7L1M1J1E1A3,ROC,CL5S,12,4,12,12,340,12,10,MNHVY,0.01853213000000,0.02088028000000
C6B1H2S2P7L1M1J1E2A1,ROC,CL5S,12,4,12,12,340,12,40,MEPDG,0.01989956000000,0.00772686200000
C6B1H2S2P7L1M1J1E2A2,ROC,CL5S,12,4,12,12,340,12,40,MNAVG,0.00520987800000,0.00108163700000
C6B1H2S2P7L1M1J1E2A3,ROC,CL5S,12,4,12,12,340,12,40,MNHVY,0.00600590500000,0.01400090000000
C6B1H2S2P7L1M1J2E1A1,ROC,CL5S,12,4,12,12,340,15,10,MEPDG,0.28540920000000,0.25968840000000
C6B1H2S2P7L1M1J2E1A2,ROC,CL5S,12,4,12,12,340,15,10,MNAVG,0.08911849000000,0.04316285000000
C6B1H2S2P7L1M1J2E1A3,ROC,CL5S,12,4,12,12,340,15,10,MNHVY,0.17112770000000,0.51010880000000
C6B1H2S2P7L1M1J2E2A1,ROC,CL5S,12,4,12,12,340,15,40,MEPDG,0.11118310000000,0.14752310000000
C6B1H2S2P7L1M1J2E2A2,ROC,CL5S,12,4,12,12,340,15,40,MNAVG,0.03794787000000,0.02493804000000
C6B1H2S2P7L1M1J2E2A3,ROC,CL5S,12,4,12,12,340,15,40,MNHVY,0.06436928000000,0.28947200000000
C6B1H2S2P7L1M2J1E1A1,ROC,CL5S,12,4,12,12,590,12,10,MEPDG,0.00032286880000,0.00043967970000
C6B1H2S2P7L1M2J1E1A2,ROC,CL5S,12,4,12,12,590,12,10,MNAVG,0.00006215387000,0.00004164502000
C6B1H2S2P7L1M2J1E1A3,ROC,CL5S,12,4,12,12,590,12,10,MNHVY,0.00005316257000,0.00061087820000
C6B1H2S2P7L1M2J1E2A1,ROC,CL5S,12,4,12,12,590,12,40,MEPDG,0.00007564508000,0.00030568910000
C6B1H2S2P7L1M2J1E2A2,ROC,CL5S,12,4,12,12,590,12,40,MNAVG,0.00001836163000,0.00002771663000
C6B1H2S2P7L1M2J1E2A3,ROC,CL5S,12,4,12,12,590,12,40,MNHVY,0.00001422360000,0.00040484690000
C6B1H2S2P7L1M2J2E1A1,ROC,CL5S,12,4,12,12,590,15,10,MEPDG,0.00198305100000,0.00293502300000
C6B1H2S2P7L1M2J2E1A2,ROC,CL5S,12,4,12,12,590,15,10,MNAVG,0.00036244310000,0.00040957210000
C6B1H2S2P7L1M2J2E1A3,ROC,CL5S,12,4,12,12,590,15,10,MNHVY,0.00047356040000,0.00536948100000
C6B1H2S2P7L1M2J2E2A1,ROC,CL5S,12,4,12,12,590,15,40,MEPDG,0.00053659750000,0.00199815700000
C6B1H2S2P7L1M2J2E2A2,ROC,CL5S,12,4,12,12,590,15,40,MNAVG,0.00011904140000,0.00027694800000
C6B1H2S2P7L1M2J2E2A3,ROC,CL5S,12,4,12,12,590,15,40,MNHVY,0.00013253800000,0.00359020400000
C6B1H2S2P7L1M3J1E1A1,ROC,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000637403400,0.00002368745000
C6B1H2S2P7L1M3J1E1A2,ROC,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000102092100,0.00000152135500
C6B1H2S2P7L1M3J1E1A3,ROC,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000072392210,0.00002314230000
C6B1H2S2P7L1M3J1E2A1,ROC,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000114737600,0.00001724127000
C6B1H2S2P7L1M3J1E2A2,ROC,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000025009110,0.00000100268600
C6B1H2S2P7L1M3J1E2A3,ROC,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000015821730,0.00001516179000
C6B1H2S2P7L1M3J2E1A1,ROC,CL5S,12,4,12,12,840,15,10,MEPDG,0.00003247871000,0.00028033000000
C6B1H2S2P7L1M3J2E1A2,ROC,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000498555800,0.00002797822000
C6B1H2S2P7L1M3J2E1A3,ROC,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000481575600,0.00040457920000
C6B1H2S2P7L1M3J2E2A1,ROC,CL5S,12,4,12,12,840,15,40,MEPDG,0.00000680381000,0.00019319430000
C6B1H2S2P7L1M3J2E2A2,ROC,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000137023400,0.00001805959000
C6B1H2S2P7L1M3J2E2A3,ROC,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000115390600,0.00025983560000
C6B1H2S2P7L2M1J1E1A1,ROC,CL5S,12,4,12,13,340,12,10,MEPDG,0.00392778300000,0.00390647600000
C6B1H2S2P7L2M1J1E1A2,ROC,CL5S,12,4,12,13,340,12,10,MNAVG,0.00105220400000,0.00055095550000
C6B1H2S2P7L2M1J1E1A3,ROC,CL5S,12,4,12,13,340,12,10,MNHVY,0.00116260700000,0.00710681900000
C6B1H2S2P7L2M1J1E2A1,ROC,CL5S,12,4,12,13,340,12,40,MEPDG,0.00392778300000,0.00390647600000
C6B1H2S2P7L2M1J1E2A2,ROC,CL5S,12,4,12,13,340,12,40,MNAVG,0.00105220400000,0.00055095550000
C6B1H2S2P7L2M1J1E2A3,ROC,CL5S,12,4,12,13,340,12,40,MNHVY,0.00116260700000,0.00710681900000
C6B1H2S2P7L2M1J2E1A1,ROC,CL5S,12,4,12,13,340,15,10,MEPDG,0.02442097000000,0.08454451000000
```

```
C6B1H2S2P7L2M1J2E1A2,ROC,CL5S,12,4,12,13,340,15,10,MNAVG,0.00842839100000,0.01442028000000
C6B1H2S2P7L2M1J2E1A3,ROC,CL5S,12,4,12,13,340,15,10,MNHVY,0.01385356000000,0.16598340000000
C6B1H2S2P7L2M1J2E2A1,ROC,CL5S,12,4,12,13,340,15,40,MEPDG,0.02442097000000,0.08454451000000
C6B1H2S2P7L2M1J2E2A2,ROC,CL5S,12,4,12,13,340,15,40,MNAVG,0.00842839100000,0.01442028000000
C6B1H2S2P7L2M1J2E2A3,ROC,CL5S,12,4,12,13,340,15,40,MNHVY,0.01385356000000,0.16598340000000
C6B1H2S2P7L2M2J1E1A1,ROC,CL5S,12,4,12,13,590,12,10,MEPDG,0.00001269893000,0.00014277210000
C6B1H2S2P7L2M2J1E1A2,ROC,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000327825000,0.00001291010000
C6B1H2S2P7L2M2J1E1A3,ROC,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000244809500,0.00018836160000
C6B1H2S2P7L2M2J1E2A1,ROC,CL5S,12,4,12,13,590,12,40,MEPDG,0.00001269893000,0.00014277210000
C6B1H2S2P7L2M2J1E2A2,ROC,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000327825000,0.00001291010000
C6B1H2S2P7L2M2J1E2A3,ROC,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000244809500,0.00018836160000
C6B1H2S2P7L2M2J2E1A1,ROC,CL5S,12,4,12,13,590,15,10,MEPDG,0.00009879948000,0.00107633200000
C6B1H2S2P7L2M2J2E1A2,ROC,CL5S,12,4,12,13,590,15,10,MNAVG,0.00002300778000,0.00015068110000
C6B1H2S2P7L2M2J2E1A3,ROC,CL5S,12,4,12,13,590,15,10,MNHVY,0.00002452627000,0.00194265900000
C6B1H2S2P7L2M2J2E2A1,ROC,CL5S,12,4,12,13,590,15,40,MEPDG,0.00009879948000,0.00107633200000
C6B1H2S2P7L2M2J2E2A2,ROC,CL5S,12,4,12,13,590,15,40,MNAVG,0.00002300778000,0.00015068110000
C6B1H2S2P7L2M2J2E2A3,ROC,CL5S,12,4,12,13,590,15,40,MNHVY,0.00002452627000,0.00194265900000
C6B1H2S2P7L2M3J1E1A1,ROC,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000017783240,0.00000789587100
C6B1H2S2P7L2M3J1E1A2,ROC,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000004178974,0.00000044787990
C6B1H2S2P7L2M3J1E1A3,ROC,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000002563285,0.00000675963800
C6B1H2S2P7L2M3J1E2A1,ROC,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000017783240,0.00000789587100
C6B1H2S2P7L2M3J1E2A2,ROC,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000004178974,0.00000044787990
C6B1H2S2P7L2M3J1E2A3,ROC,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000002563285,0.00000675963800
C6B1H2S2P7L2M3J2E1A1,ROC,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000117569100,0.00010880420000
C6B1H2S2P7L2M3J2E1A2,ROC,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000024754860,0.00000997417800
C6B1H2S2P7L2M3J2E1A3,ROC,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000021151310,0.00014351200000
C6B1H2S2P7L2M3J2E2A1,ROC,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000117569100,0.00010880420000
C6B1H2S2P7L2M3J2E2A2,ROC,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000024754860,0.00000997417800
C6B1H2S2P7L2M3J2E2A3,ROC,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000021151310,0.00014351200000
C6B2H1S1P1L1M1J1E1A1,ROC,CL5Q,4,12,6,12,340,12,10,MEPDG,146.62690000000000,2.12986200000000
C6B2H1S1P1L1M1J1E1A2,ROC,CL5Q,4,12,6,12,340,12,10,MNAVG,120.11720000000000,0.28548370000000
C6B2H1S1P1L1M1J1E1A3,ROC,CL5Q,4,12,6,12,340,12,10,MNHVY,209.54030000000000,3.22266100000000
C6B2H1S1P1L1M1J1E2A1,ROC,CL5Q,4,12,6,12,340,12,40,MEPDG,90.03126000000000,1.23309600000000
C6B2H1S1P1L1M1J1E2A2,ROC,CL5Q,4,12,6,12,340,12,40,MNAVG,68.99196000000000,0.15896550000000
C6B2H1S1P1L1M1J1E2A3,ROC,CL5Q,4,12,6,12,340,12,40,MNHVY,123.97090000000000,1.81849700000000
C6B2H1S1P1L1M1J2E1A1,ROC,CL5Q,4,12,6,12,340,15,10,MEPDG,170.53600000000000,2.13877700000000
C6B2H1S1P1L1M1J2E1A2,ROC,CL5Q,4,12,6,12,340,15,10,MNAVG,143.00270000000000,0.39541280000000
C6B2H1S1P1L1M1J2E1A3,ROC,CL5Q,4,12,6,12,340,15,10,MNHVY,252.65820000000000,3.87177200000000
C6B2H1S1P1L1M1J2E2A1,ROC,CL5Q,4,12,6,12,340,15,40,MEPDG,106.64440000000000,1.25585800000000
C6B2H1S1P1L1M1J2E2A2,ROC,CL5Q,4,12,6,12,340,15,40,MNAVG,84.17757000000000,0.23193110000000
C6B2H1S1P1L1M1J2E2A3,ROC,CL5Q,4,12,6,12,340,15,40,MNHVY,153.35850000000000,2.27492300000000
C6B2H1S1P1L1M2J1E1A1,ROC,CL5Q,4,12,6,12,590,12,10,MEPDG,9.70747500000000,0.22314670000000
C6B2H1S1P1L1M2J1E1A2,ROC,CL5Q,4,12,6,12,590,12,10,MNAVG,6.22820800000000,0.02969554000000
C6B2H1S1P1L1M2J1E1A3,ROC,CL5Q,4,12,6,12,590,12,10,MNHVY,9.82697900000000,0.32650910000000
C6B2H1S1P1L1M2J1E2A1,ROC,CL5Q,4,12,6,12,590,12,40,MEPDG,5.13513900000000,0.11485380000000
C6B2H1S1P1L1M2J1E2A2,ROC,CL5Q,4,12,6,12,590,12,40,MNAVG,3.11687000000000,0.01363247000000
C6B2H1S1P1L1M2J1E2A3,ROC,CL5Q,4,12,6,12,590,12,40,MNHVY,4.92568000000000,0.15595290000000
C6B2H1S1P1L1M2J2E1A1,ROC,CL5Q,4,12,6,12,590,15,10,MEPDG,14.76072000000000,0.51337720000000
C6B2H1S1P1L1M2J2E1A2,ROC,CL5Q,4,12,6,12,590,15,10,MNAVG,10.49129000000000,0.09733282000000
C6B2H1S1P1L1M2J2E1A3,ROC,CL5Q,4,12,6,12,590,15,10,MNHVY,17.60313000000000,0.93183280000000
```

```
C6B2H1S1P1L1M2J2E2A1,ROC,CL5Q,4,12,6,12,590,15,40,MEPDG,8.26675300000000,0.26229460000000
C6B2H1S1P1L1M2J2E2A2,ROC,CL5Q,4,12,6,12,590,15,40,MNAVG,5.66980600000000,0.04754686000000
C6B2H1S1P1L1M2J2E2A3,ROC,CL5Q,4,12,6,12,590,15,40,MNHVY,9.61329500000000,0.46852140000000
C6B2H1S1P1L1M3J1E1A1,ROC,CL5Q,4,12,6,12,840,12,10,MEPDG,1.12842800000000,0.02785602000000
C6B2H1S1P1L1M3J1E1A2,ROC,CL5Q,4,12,6,12,840,12,10,MNAVG,0.55352700000000,0.00299250900000
C6B2H1S1P1L1M3J1E1A3,ROC,CL5Q,4,12,6,12,840,12,10,MNHVY,0.81128960000000,0.03582340000000
C6B2H1S1P1L1M3J1E2A1,ROC,CL5Q,4,12,6,12,840,12,40,MEPDG,0.51754020000000,0.01331496000000
C6B2H1S1P1L1M3J1E2A2,ROC,CL5Q,4,12,6,12,840,12,40,MNAVG,0.24485130000000,0.00119932300000
C6B2H1S1P1L1M3J1E2A3,ROC,CL5Q,4,12,6,12,840,12,40,MNHVY,0.34809280000000,0.01487962000000
C6B2H1S1P1L1M3J2E1A1,ROC,CL5Q,4,12,6,12,840,15,10,MEPDG,2.33056700000000,0.11002720000000
C6B2H1S1P1L1M3J2E1A2,ROC,CL5Q,4,12,6,12,840,15,10,MNAVG,1.41106800000000,0.01902976000000
C6B2H1S1P1L1M3J2E1A3,ROC,CL5Q,4,12,6,12,840,15,10,MNHVY,2.38348700000000,0.19359370000000
C6B2H1S1P1L1M3J2E2A1,ROC,CL5Q,4,12,6,12,840,15,40,MEPDG,1.16981200000000,0.04927140000000
C6B2H1S1P1L1M3J2E2A2,ROC,CL5Q,4,12,6,12,840,15,40,MNAVG,0.70158500000000,0.00780725200000
C6B2H1S1P1L1M3J2E2A3,ROC,CL5Q,4,12,6,12,840,15,40,MNHVY,1.17004400000000,0.08292743000000
C6B2H1S1P1L2M1J1E1A1,ROC,CL5Q,4,12,6,13,340,12,10,MEPDG,22.82816000000000,0.46999100000000
C6B2H1S1P1L2M1J1E1A2,ROC,CL5Q,4,12,6,13,340,12,10,MNAVG,16.74010000000000,0.06471468000000
C6B2H1S1P1L2M1J1E1A3,ROC,CL5Q,4,12,6,13,340,12,10,MNHVY,30.47566000000000,0.71139750000000
C6B2H1S1P1L2M1J1E2A1,ROC,CL5Q,4,12,6,13,340,12,40,MEPDG,22.82816000000000,0.46999100000000
C6B2H1S1P1L2M1J1E2A2,ROC,CL5Q,4,12,6,13,340,12,40,MNAVG,16.74010000000000,0.06471468000000
C6B2H1S1P1L2M1J1E2A3,ROC,CL5Q,4,12,6,13,340,12,40,MNHVY,30.47566000000000,0.71139750000000
C6B2H1S1P1L2M1J2E1A1,ROC,CL5Q,4,12,6,13,340,15,10,MEPDG,27.50398000000000,0.57113830000000
C6B2H1S1P1L2M1J2E1A2,ROC,CL5Q,4,12,6,13,340,15,10,MNAVG,20.90189000000000,0.11163260000000
C6B2H1S1P1L2M1J2E1A3,ROC,CL5Q,4,12,6,13,340,15,10,MNHVY,38.52348000000000,1.04683400000000
C6B2H1S1P1L2M1J2E2A1,ROC,CL5Q,4,12,6,13,340,15,40,MEPDG,27.50398000000000,0.57113830000000
C6B2H1S1P1L2M1J2E2A2,ROC,CL5Q,4,12,6,13,340,15,40,MNAVG,20.90189000000000,0.11163260000000
C6B2H1S1P1L2M1J2E2A3,ROC,CL5Q,4,12,6,13,340,15,40,MNHVY,38.52348000000000,1.04683400000000
C6B2H1S1P1L2M2J1E1A1,ROC,CL5Q,4,12,6,13,590,12,10,MEPDG,1.21697000000000,0.04178319000000
C6B2H1S1P1L2M2J1E1A2,ROC,CL5Q,4,12,6,13,590,12,10,MNAVG,0.70808330000000,0.00515830100000
C6B2H1S1P1L2M2J1E1A3,ROC,CL5Q,4,12,6,13,590,12,10,MNHVY,1.13276900000000,0.05809527000000
C6B2H1S1P1L2M2J1E2A1,ROC,CL5Q,4,12,6,13,590,12,40,MEPDG,1.21697000000000,0.04178319000000
C6B2H1S1P1L2M2J1E2A2,ROC,CL5Q,4,12,6,13,590,12,40,MNAVG,0.70808330000000,0.00515830100000
C6B2H1S1P1L2M2J1E2A3,ROC,CL5Q,4,12,6,13,590,12,40,MNHVY,1.13276900000000,0.05809527000000
C6B2H1S1P1L2M2J2E1A1,ROC,CL5Q,4,12,6,13,590,15,10,MEPDG,2.05665400000000,0.11723590000000
C6B2H1S1P1L2M2J2E1A2,ROC,CL5Q,4,12,6,13,590,15,10,MNAVG,1.37880600000000,0.02224595000000
C6B2H1S1P1L2M2J2E1A3,ROC,CL5Q,4,12,6,13,590,15,10,MNHVY,2.36875600000000,0.21278000000000
C6B2H1S1P1L2M2J2E2A1,ROC,CL5Q,4,12,6,13,590,15,40,MEPDG,2.05665400000000,0.11723590000000
C6B2H1S1P1L2M2J2E2A2,ROC,CL5Q,4,12,6,13,590,15,40,MNAVG,1.37880600000000,0.02224595000000
C6B2H1S1P1L2M2J2E2A3,ROC,CL5Q,4,12,6,13,590,15,40,MNHVY,2.36875600000000,0.21278000000000
C6B2H1S1P1L2M3J1E1A1,ROC,CL5Q,4,12,6,13,840,12,10,MEPDG,0.11517550000000,0.00448657100000
C6B2H1S1P1L2M3J1E1A2,ROC,CL5Q,4,12,6,13,840,12,10,MNAVG,0.05259607000000,0.00040265160000
C6B2H1S1P1L2M3J1E1A3,ROC,CL5Q,4,12,6,13,840,12,10,MNHVY,0.07506681000000,0.00500268300000
C6B2H1S1P1L2M3J1E2A1,ROC,CL5Q,4,12,6,13,840,12,40,MEPDG,0.11517550000000,0.00448657100000
C6B2H1S1P1L2M3J1E2A2,ROC,CL5Q,4,12,6,13,840,12,40,MNAVG,0.05259607000000,0.00040265160000
C6B2H1S1P1L2M3J1E2A3,ROC,CL5Q,4,12,6,13,840,12,40,MNHVY,0.07506681000000,0.00500268300000
C6B2H1S1P1L2M3J2E1A1,ROC,CL5Q,4,12,6,13,840,15,10,MEPDG,0.27938800000000,0.02000891000000
C6B2H1S1P1L2M3J2E1A2,ROC,CL5Q,4,12,6,13,840,15,10,MNAVG,0.16542950000000,0.00324441000000
C6B2H1S1P1L2M3J2E1A3,ROC,CL5Q,4,12,6,13,840,15,10,MNHVY,0.27948890000000,0.03411540000000
C6B2H1S1P1L2M3J2E2A1,ROC,CL5Q,4,12,6,13,840,15,40,MEPDG,0.27938800000000,0.02000891000000
C6B2H1S1P1L2M3J2E2A2,ROC,CL5Q,4,12,6,13,840,15,40,MNAVG,0.16542950000000,0.00324441000000
```

```
C6B2H1S1P1L2M3J2E2A3,ROC,CL5Q,4,12,6,13,840,15,40,MNHVY,0.27948890000000,0.03411540000000
C6B2H1S1P2L1M1J1E1A1,ROC,CL5Q,4,12,7,12,340,12,10,MEPDG,49.48405000000000,1.52905100000000
C6B2H1S1P2L1M1J1E1A2,ROC,CL5Q,4,12,7,12,340,12,10,MNAVG,36.93578000000000,0.24202270000000
C6B2H1S1P2L1M1J1E1A3,ROC,CL5Q,4,12,7,12,340,12,10,MNHVY,62.75736000000000,2.55406200000000
C6B2H1S1P2L1M1J1E2A1,ROC,CL5Q,4,12,7,12,340,12,40,MEPDG,28.51880000000000,0.86371190000000
C6B2H1S1P2L1M1J1E2A2,ROC,CL5Q,4,12,7,12,340,12,40,MNAVG,20.26959000000000,0.12893550000000
C6B2H1S1P2L1M1J1E2A3,ROC,CL5Q,4,12,7,12,340,12,40,MNHVY,34.73690000000000,1.39272500000000
C6B2H1S1P2L1M1J2E1A1,ROC,CL5Q,4,12,7,12,340,15,10,MEPDG,70.32503000000000,2.47707100000000
C6B2H1S1P2L1M1J2E1A2,ROC,CL5Q,4,12,7,12,340,15,10,MNAVG,56.19721000000000,0.50291960000000
C6B2H1S1P2L1M1J2E1A3,ROC,CL5Q,4,12,7,12,340,15,10,MNHVY,98.84757000000000,4.69299900000000
C6B2H1S1P2L1M1J2E2A1,ROC,CL5Q,4,12,7,12,340,15,40,MEPDG,42.37317000000000,1.44836800000000
C6B2H1S1P2L1M1J2E2A2,ROC,CL5Q,4,12,7,12,340,15,40,MNAVG,32.69313000000000,0.29059910000000
C6B2H1S1P2L1M1J2E2A3,ROC,CL5Q,4,12,7,12,340,15,40,MNHVY,58.24589000000000,2.72951300000000
C6B2H1S1P2L1M2J1E1A1,ROC,CL5Q,4,12,7,12,590,12,10,MEPDG,2.33868000000000,0.10913510000000
C6B2H1S1P2L1M2J1E1A2,ROC,CL5Q,4,12,7,12,590,12,10,MNAVG,1.19020500000000,0.01522072000000
C6B2H1S1P2L1M2J1E1A3,ROC,CL5Q,4,12,7,12,590,12,10,MNHVY,1.84406000000000,0.17151660000000
C6B2H1S1P2L1M2J1E2A1,ROC,CL5Q,4,12,7,12,590,12,40,MEPDG,1.09938600000000,0.05496041000000
C6B2H1S1P2L1M2J1E2A2,ROC,CL5Q,4,12,7,12,590,12,40,MNAVG,0.54575930000000,0.00691288600000
C6B2H1S1P2L1M2J1E2A3,ROC,CL5Q,4,12,7,12,590,12,40,MNHVY,0.81291880000000,0.07971887000000
C6B2H1S1P2L1M2J2E1A1,ROC,CL5Q,4,12,7,12,590,15,10,MEPDG,5.17044000000000,0.38319270000000
C6B2H1S1P2L1M2J2E1A2,ROC,CL5Q,4,12,7,12,590,15,10,MNAVG,3.23116100000000,0.07529587000000
C6B2H1S1P2L1M2J2E1A3,ROC,CL5Q,4,12,7,12,590,15,10,MNHVY,5.69335700000000,0.72366580000000
C6B2H1S1P2L1M2J2E2A1,ROC,CL5Q,4,12,7,12,590,15,40,MEPDG,2.66332700000000,0.19403980000000
C6B2H1S1P2L1M2J2E2A2,ROC,CL5Q,4,12,7,12,590,15,40,MNAVG,1.66307000000000,0.03660597000000
C6B2H1S1P2L1M2J2E2A3,ROC,CL5Q,4,12,7,12,590,15,40,MNHVY,2.86181900000000,0.35923190000000
C6B2H1S1P2L1M3J1E1A1,ROC,CL5Q,4,12,7,12,840,12,10,MEPDG,0.18796570000000,0.00841031200000
C6B2H1S1P2L1M3J1E1A2,ROC,CL5Q,4,12,7,12,840,12,10,MNAVG,0.06834610000000,0.00090408200000
C6B2H1S1P2L1M3J1E1A3,ROC,CL5Q,4,12,7,12,840,12,10,MNHVY,0.09493256000000,0.01118930000000
C6B2H1S1P2L1M3J1E2A1,ROC,CL5Q,4,12,7,12,840,12,40,MEPDG,0.07357280000000,0.00396814000000
C6B2H1S1P2L1M3J1E2A2,ROC,CL5Q,4,12,7,12,840,12,40,MNAVG,0.02701885000000,0.00035813720000
C6B2H1S1P2L1M3J1E2A3,ROC,CL5Q,4,12,7,12,840,12,40,MNHVY,0.03476322000000,0.00458646300000
C6B2H1S1P2L1M3J2E1A1,ROC,CL5Q,4,12,7,12,840,15,10,MEPDG,0.63698330000000,0.05069249000000
C6B2H1S1P2L1M3J2E1A2,ROC,CL5Q,4,12,7,12,840,15,10,MNAVG,0.31348540000000,0.00867231200000
C6B2H1S1P2L1M3J2E1A3,ROC,CL5Q,4,12,7,12,840,15,10,MNHVY,0.57189370000000,0.09184347000000
C6B2H1S1P2L1M3J2E2A1,ROC,CL5Q,4,12,7,12,840,15,40,MEPDG,0.28307380000000,0.02272741000000
C6B2H1S1P2L1M3J2E2A2,ROC,CL5Q,4,12,7,12,840,15,40,MNAVG,0.14310940000000,0.00361033000000
C6B2H1S1P2L1M3J2E2A3,ROC,CL5Q,4,12,7,12,840,15,40,MNHVY,0.24624700000000,0.03925740000000
C6B2H1S1P2L2M1J1E1A1,ROC,CL5Q,4,12,7,13,340,12,10,MEPDG,7.10586200000000,0.35210510000000
C6B2H1S1P2L2M1J1E1A2,ROC,CL5Q,4,12,7,13,340,12,10,MNAVG,4.86108100000000,0.05565633000000
C6B2H1S1P2L2M1J1E1A3,ROC,CL5Q,4,12,7,13,340,12,10,MNHVY,8.41124700000000,0.58306100000000
C6B2H1S1P2L2M1J1E2A1,ROC,CL5Q,4,12,7,13,340,12,40,MEPDG,7.10586200000000,0.35210510000000
C6B2H1S1P2L2M1J1E2A2,ROC,CL5Q,4,12,7,13,340,12,40,MNAVG,4.86108100000000,0.05565633000000
C6B2H1S1P2L2M1J1E2A3,ROC,CL5Q,4,12,7,13,340,12,40,MNHVY,8.41124700000000,0.58306100000000
C6B2H1S1P2L2M1J2E1A1,ROC,CL5Q,4,12,7,13,340,15,10,MEPDG,11.03163000000000,0.71049750000000
C6B2H1S1P2L2M1J2E1A2,ROC,CL5Q,4,12,7,13,340,15,10,MNAVG,8.32121600000000,0.14978290000000
C6B2H1S1P2L2M1J2E1A3,ROC,CL5Q,4,12,7,13,340,15,10,MNHVY,14.93357000000000,1.35164700000000
C6B2H1S1P2L2M1J2E2A1,ROC,CL5Q,4,12,7,13,340,15,40,MEPDG,11.03163000000000,0.71049750000000
C6B2H1S1P2L2M1J2E2A2,ROC,CL5Q,4,12,7,13,340,15,40,MNAVG,8.32121600000000,0.14978290000000
C6B2H1S1P2L2M1J2E2A3,ROC,CL5Q,4,12,7,13,340,15,40,MNHVY,14.93357000000000,1.35164700000000
C6B2H1S1P2L2M2J1E1A1,ROC,CL5Q,4,12,7,13,590,12,10,MEPDG,0.24953660000000,0.02065506000000
```

```
C6B2H1S1P2L2M2J1E1A2,ROC,CL5Q,4,12,7,13,590,12,10,MNAVG,0.11982840000000,0.00268023500000
C6B2H1S1P2L2M2J1E1A3,ROC,CL5Q,4,12,7,13,590,12,10,MNHVY,0.17850530000000,0.03057049000000
C6B2H1S1P2L2M2J1E2A1,ROC,CL5Q,4,12,7,13,590,12,40,MEPDG,0.24953660000000,0.02065506000000
C6B2H1S1P2L2M2J1E2A2,ROC,CL5Q,4,12,7,13,590,12,40,MNAVG,0.11982840000000,0.00268023500000
C6B2H1S1P2L2M2J1E2A3,ROC,CL5Q,4,12,7,13,590,12,40,MNHVY,0.17850530000000,0.03057049000000
C6B2H1S1P2L2M2J2E1A1,ROC,CL5Q,4,12,7,13,590,15,10,MEPDG,0.65282530000000,0.08862812000000
C6B2H1S1P2L2M2J2E1A2,ROC,CL5Q,4,12,7,13,590,15,10,MNAVG,0.40327680000000,0.01719774000000
C6B2H1S1P2L2M2J2E1A3,ROC,CL5Q,4,12,7,13,590,15,10,MNHVY,0.69731190000000,0.16621030000000
C6B2H1S1P2L2M2J2E2A1,ROC,CL5Q,4,12,7,13,590,15,40,MEPDG,0.65282530000000,0.08862812000000
C6B2H1S1P2L2M2J2E2A2,ROC,CL5Q,4,12,7,13,590,15,40,MNAVG,0.40327680000000,0.01719774000000
C6B2H1S1P2L2M2J2E2A3,ROC,CL5Q,4,12,7,13,590,15,40,MNHVY,0.69731190000000,0.16621030000000
C6B2H1S1P2L2M3J1E1A1,ROC,CL5Q,4,12,7,13,840,12,10,MEPDG,0.01536533000000,0.00137405700000
C6B2H1S1P2L2M3J1E1A2,ROC,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00554608600000,0.00012387730000
C6B2H1S1P2L2M3J1E1A3,ROC,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00703142400000,0.00158213500000
C6B2H1S1P2L2M3J1E2A1,ROC,CL5Q,4,12,7,13,840,12,40,MEPDG,0.01536533000000,0.00137405700000
C6B2H1S1P2L2M3J1E2A2,ROC,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00554608600000,0.00012387730000
C6B2H1S1P2L2M3J1E2A3,ROC,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00703142400000,0.00158213500000
C6B2H1S1P2L2M3J2E1A1,ROC,CL5Q,4,12,7,13,840,15,10,MEPDG,0.06509461000000,0.00941853000000
C6B2H1S1P2L2M3J2E1A2,ROC,CL5Q,4,12,7,13,840,15,10,MNAVG,0.03271682000000,0.00151086600000
C6B2H1S1P2L2M3J2E1A3,ROC,CL5Q,4,12,7,13,840,15,10,MNHVY,0.05628356000000,0.01640465000000
C6B2H1S1P2L2M3J2E2A1,ROC,CL5Q,4,12,7,13,840,15,40,MEPDG,0.06509461000000,0.00941853000000
C6B2H1S1P2L2M3J2E2A2,ROC,CL5Q,4,12,7,13,840,15,40,MNAVG,0.03271682000000,0.00151086600000
C6B2H1S1P2L2M3J2E2A3,ROC,CL5Q,4,12,7,13,840,15,40,MNHVY,0.05628356000000,0.01640465000000
C6B2H1S1P3L1M1J1E1A1,ROC,CL5Q,4,12,8,12,340,12,10,MEPDG,15.85335000000000,1.16998700000000
C6B2H1S1P3L1M1J1E1A2,ROC,CL5Q,4,12,8,12,340,12,10,MNAVG,9.95619200000000,0.19797780000000
C6B2H1S1P3L1M1J1E1A3,ROC,CL5Q,4,12,8,12,340,12,10,MNHVY,16.57554000000000,2.09084900000000
C6B2H1S1P3L1M1J1E2A1,ROC,CL5Q,4,12,8,12,340,12,40,MEPDG,8.32952700000000,0.64958100000000
C6B2H1S1P3L1M1J1E2A2,ROC,CL5Q,4,12,8,12,340,12,40,MNAVG,5.07539200000000,0.10440730000000
C6B2H1S1P3L1M1J1E2A3,ROC,CL5Q,4,12,8,12,340,12,40,MNHVY,8.24561300000000,1.11740300000000
C6B2H1S1P3L1M1J2E1A1,ROC,CL5Q,4,12,8,12,340,15,10,MEPDG,29.41375000000000,2.59641700000000
C6B2H1S1P3L1M1J2E1A2,ROC,CL5Q,4,12,8,12,340,15,10,MNAVG,21.17139000000000,0.54947470000000
C6B2H1S1P3L1M1J2E1A3,ROC,CL5Q,4,12,8,12,340,15,10,MNHVY,38.03062000000000,5.08775600000000
C6B2H1S1P3L1M1J2E2A1,ROC,CL5Q,4,12,8,12,340,15,40,MEPDG,16.63259000000000,1.50154300000000
C6B2H1S1P3L1M1J2E2A2,ROC,CL5Q,4,12,8,12,340,15,40,MNAVG,11.85908000000000,0.31306080000000
C6B2H1S1P3L1M1J2E2A3,ROC,CL5Q,4,12,8,12,340,15,40,MNHVY,21.03007000000000,2.91609700000000
C6B2H1S1P3L1M2J1E1A1,ROC,CL5Q,4,12,8,12,590,12,10,MEPDG,0.46044930000000,0.04939229000000
C6B2H1S1P3L1M2J1E1A2,ROC,CL5Q,4,12,8,12,590,12,10,MNAVG,0.17286950000000,0.00724046200000
C6B2H1S1P3L1M2J1E1A3,ROC,CL5Q,4,12,8,12,590,12,10,MNHVY,0.25203830000000,0.08275008000000
C6B2H1S1P3L1M2J1E2A1,ROC,CL5Q,4,12,8,12,590,12,40,MEPDG,0.18717550000000,0.02454130000000
C6B2H1S1P3L1M2J1E2A2,ROC,CL5Q,4,12,8,12,590,12,40,MNAVG,0.07075414000000,0.00325156400000
C6B2H1S1P3L1M2J1E2A3,ROC,CL5Q,4,12,8,12,590,12,40,MNHVY,0.09492324000000,0.03823571000000
C6B2H1S1P3L1M2J2E1A1,ROC,CL5Q,4,12,8,12,590,15,10,MEPDG,1.52770500000000,0.24125190000000
C6B2H1S1P3L1M2J2E1A2,ROC,CL5Q,4,12,8,12,590,15,10,MNAVG,0.77246990000000,0.04740510000000
C6B2H1S1P3L1M2J2E1A3,ROC,CL5Q,4,12,8,12,590,15,10,MNHVY,1.43520800000000,0.47329490000000
C6B2H1S1P3L1M2J2E2A1,ROC,CL5Q,4,12,8,12,590,15,40,MEPDG,0.70410190000000,0.12208390000000
C6B2H1S1P3L1M2J2E2A2,ROC,CL5Q,4,12,8,12,590,15,40,MNAVG,0.36599890000000,0.02315355000000
C6B2H1S1P3L1M2J2E2A3,ROC,CL5Q,4,12,8,12,590,15,40,MNHVY,0.63996130000000,0.23424600000000
C6B2H1S1P3L1M3J1E1A1,ROC,CL5Q,4,12,8,12,840,12,10,MEPDG,0.02385641000000,0.00252783100000
C6B2H1S1P3L1M3J1E1A2,ROC,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00661201400000,0.00028106800000
C6B2H1S1P3L1M3J1E1A3,ROC,CL5Q,4,12,8,12,840,12,10,MNHVY,0.00788326900000,0.00351088800000
```

```
C6B2H1S1P3L1M3J1E2A1,ROC,CL5Q,4,12,8,12,840,12,40,MEPDG,0.00780563000000,0.00123444600000
C6B2H1S1P3L1M3J1E2A2,ROC,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00234500500000,0.00011616690000
C6B2H1S1P3L1M3J1E2A3,ROC,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00252910200000,0.00150338200000
C6B2H1S1P3L1M3J2E1A1,ROC,CL5Q,4,12,8,12,840,15,10,MEPDG,0.12704660000000,0.02195088000000
C6B2H1S1P3L1M3J2E1A2,ROC,CL5Q,4,12,8,12,840,15,10,MNAVG,0.04595117000000,0.00367351000000
C6B2H1S1P3L1M3J2E1A3,ROC,CL5Q,4,12,8,12,840,15,10,MNHVY,0.08511315000000,0.04081492000000
C6B2H1S1P3L1M3J2E2A1,ROC,CL5Q,4,12,8,12,840,15,40,MEPDG,0.04787256000000,0.01007124000000
C6B2H1S1P3L1M3J2E2A2,ROC,CL5Q,4,12,8,12,840,15,40,MNAVG,0.01828422000000,0.00156215900000
C6B2H1S1P3L1M3J2E2A3,ROC,CL5Q,4,12,8,12,840,15,40,MNHVY,0.03026336000000,0.01781397000000
C6B2H1S1P3L2M1J1E1A1,ROC,CL5Q,4,12,8,13,340,12,10,MEPDG,2.00261700000000,0.27643520000000
C6B2H1S1P3L2M1J1E1A2,ROC,CL5Q,4,12,8,13,340,12,10,MNAVG,1.17706400000000,0.04651057000000
C6B2H1S1P3L2M1J1E1A3,ROC,CL5Q,4,12,8,13,340,12,10,MNHVY,1.91576900000000,0.48689810000000
C6B2H1S1P3L2M1J1E2A1,ROC,CL5Q,4,12,8,13,340,12,40,MEPDG,2.00261700000000,0.27643520000000
C6B2H1S1P3L2M1J1E2A2,ROC,CL5Q,4,12,8,13,340,12,40,MNAVG,1.17706400000000,0.04651057000000
C6B2H1S1P3L2M1J1E2A3,ROC,CL5Q,4,12,8,13,340,12,40,MNHVY,1.91576900000000,0.48689810000000
C6B2H1S1P3L2M1J2E1A1,ROC,CL5Q,4,12,8,13,340,15,10,MEPDG,4.27961300000000,0.76197920000000
C6B2H1S1P3L2M1J2E1A2,ROC,CL5Q,4,12,8,13,340,15,10,MNAVG,3.00784600000000,0.16494080000000
C6B2H1S1P3L2M1J2E1A3,ROC,CL5Q,4,12,8,13,340,15,10,MNHVY,5.34300200000000,1.49245200000000
C6B2H1S1P3L2M1J2E2A1,ROC,CL5Q,4,12,8,13,340,15,40,MEPDG,4.27961300000000,0.76197920000000
C6B2H1S1P3L2M1J2E2A2,ROC,CL5Q,4,12,8,13,340,15,40,MNAVG,3.00784600000000,0.16494080000000
C6B2H1S1P3L2M1J2E2A3,ROC,CL5Q,4,12,8,13,340,15,40,MNHVY,5.34300200000000,1.49245200000000
C6B2H1S1P3L2M2J1E1A1,ROC,CL5Q,4,12,8,13,590,12,10,MEPDG,0.04000523000000,0.00950480300000
C6B2H1S1P3L2M2J1E1A2,ROC,CL5Q,4,12,8,13,590,12,10,MNAVG,0.01482690000000,0.00129722000000
C6B2H1S1P3L2M2J1E1A3,ROC,CL5Q,4,12,8,13,590,12,10,MNHVY,0.01956243000000,0.01504944000000
C6B2H1S1P3L2M2J1E2A1,ROC,CL5Q,4,12,8,13,590,12,40,MEPDG,0.04000523000000,0.00950480300000
C6B2H1S1P3L2M2J1E2A2,ROC,CL5Q,4,12,8,13,590,12,40,MNAVG,0.01482690000000,0.00129722000000
C6B2H1S1P3L2M2J1E2A3,ROC,CL5Q,4,12,8,13,590,12,40,MNHVY,0.01956243000000,0.01504944000000
C6B2H1S1P3L2M2J2E1A1,ROC,CL5Q,4,12,8,13,590,15,10,MEPDG,0.16662840000000,0.05742911000000
C6B2H1S1P3L2M2J2E1A2,ROC,CL5Q,4,12,8,13,590,15,10,MNAVG,0.08640265000000,0.01115271000000
C6B2H1S1P3L2M2J2E1A3,ROC,CL5Q,4,12,8,13,590,15,10,MNHVY,0.15057520000000,0.11140510000000
C6B2H1S1P3L2M2J2E2A1,ROC,CL5Q,4,12,8,13,590,15,40,MEPDG,0.16662840000000,0.05742911000000
C6B2H1S1P3L2M2J2E2A2,ROC,CL5Q,4,12,8,13,590,15,40,MNAVG,0.08640265000000,0.01115271000000
C6B2H1S1P3L2M2J2E2A3,ROC,CL5Q,4,12,8,13,590,15,40,MNHVY,0.15057520000000,0.11140510000000
C6B2H1S1P3L2M3J1E1A1,ROC,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00150309000000,0.00044455480000
C6B2H1S1P3L2M3J1E1A2,ROC,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00045647260000,0.00004172264000
C6B2H1S1P3L2M3J1E1A3,ROC,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00047605450000,0.00053819620000
C6B2H1S1P3L2M3J1E2A1,ROC,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00150309000000,0.00044455480000
C6B2H1S1P3L2M3J1E2A2,ROC,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00045647260000,0.00004172264000
C6B2H1S1P3L2M3J1E2A3,ROC,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00047605450000,0.00053819620000
C6B2H1S1P3L2M3J2E1A1,ROC,CL5Q,4,12,8,13,840,15,10,MEPDG,0.01029657000000,0.00431512500000
C6B2H1S1P3L2M3J2E1A2,ROC,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00393684700000,0.00067816690000
C6B2H1S1P3L2M3J2E1A3,ROC,CL5Q,4,12,8,13,840,15,10,MNHVY,0.00640658800000,0.00767711200000
C6B2H1S1P3L2M3J2E2A1,ROC,CL5Q,4,12,8,13,840,15,40,MEPDG,0.01029657000000,0.00431512500000
C6B2H1S1P3L2M3J2E2A2,ROC,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00393684700000,0.00067816690000
C6B2H1S1P3L2M3J2E2A3,ROC,CL5Q,4,12,8,13,840,15,40,MNHVY,0.00640658800000,0.00767711200000
C6B2H1S1P4L1M1J1E1A1,ROC,CL5Q,4,12,9,12,340,12,10,MEPDG,4.54263400000000,0.73541660000000
C6B2H1S1P4L1M1J1E1A2,ROC,CL5Q,4,12,9,12,340,12,10,MNAVG,2.25044700000000,0.12424520000000
C6B2H1S1P4L1M1J1E1A3,ROC,CL5Q,4,12,9,12,340,12,10,MNHVY,3.62815100000000,1.36122600000000
C6B2H1S1P4L1M1J1E2A1,ROC,CL5Q,4,12,9,12,340,12,40,MEPDG,2.14583300000000,0.40479480000000
C6B2H1S1P4L1M1J1E2A2,ROC,CL5Q,4,12,9,12,340,12,40,MNAVG,1.04984900000000,0.06505206000000
```

```
C6B2H1S1P4L1M1J1E2A3,ROC,CL5Q,4,12,9,12,340,12,40,MNHVY,1.59420100000000,0.72163320000000
C6B2H1S1P4L1M1J2E1A1,ROC,CL5Q,4,12,9,12,340,15,10,MEPDG,11.04656000000000,2.09789500000000
C6B2H1S1P4L1M1J2E1A2,ROC,CL5Q,4,12,9,12,340,15,10,MNAVG,6.81106000000000,0.43852060000000
C6B2H1S1P4L1M1J2E1A3,ROC,CL5Q,4,12,9,12,340,15,10,MNHVY,12.57788000000000,4.21028900000000
C6B2H1S1P4L1M1J2E2A1,ROC,CL5Q,4,12,9,12,340,15,40,MEPDG,5.74801400000000,1.21402700000000
C6B2H1S1P4L1M1J2E2A2,ROC,CL5Q,4,12,9,12,340,15,40,MNAVG,3.58755800000000,0.25066040000000
C6B2H1S1P4L1M1J2E2A3,ROC,CL5Q,4,12,9,12,340,15,40,MNHVY,6.36290200000000,2.40861200000000
C6B2H1S1P4L1M2J1E1A1,ROC,CL5Q,4,12,9,12,590,12,10,MEPDG,0.07735249000000,0.01905851000000
C6B2H1S1P4L1M2J1E1A2,ROC,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02172758000000,0.00267652500000
C6B2H1S1P4L1M2J1E1A3,ROC,CL5Q,4,12,9,12,590,12,10,MNHVY,0.02781537000000,0.03188783000000
C6B2H1S1P4L1M2J1E2A1,ROC,CL5Q,4,12,9,12,590,12,40,MEPDG,0.02700349000000,0.00976337000000
C6B2H1S1P4L1M2J1E2A2,ROC,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00809744100000,0.00126151600000
C6B2H1S1P4L1M2J1E2A3,ROC,CL5Q,4,12,9,12,590,12,40,MNHVY,0.00930323900000,0.01532820000000
C6B2H1S1P4L1M2J2E1A1,ROC,CL5Q,4,12,9,12,590,15,10,MEPDG,0.35348960000000,0.12636620000000
C6B2H1S1P4L1M2J2E1A2,ROC,CL5Q,4,12,9,12,590,15,10,MNAVG,0.13410260000000,0.02373987000000
C6B2H1S1P4L1M2J2E1A3,ROC,CL5Q,4,12,9,12,590,15,10,MNHVY,0.24802960000000,0.25140450000000
C6B2H1S1P4L1M2J2E2A1,ROC,CL5Q,4,12,9,12,590,15,40,MEPDG,0.14187890000000,0.06490247000000
C6B2H1S1P4L1M2J2E2A2,ROC,CL5Q,4,12,9,12,590,15,40,MNAVG,0.05666786000000,0.01181497000000
C6B2H1S1P4L1M2J2E2A3,ROC,CL5Q,4,12,9,12,590,15,40,MNHVY,0.09436721000000,0.12628320000000
C6B2H1S1P4L1M3J1E1A1,ROC,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00253630400000,0.00068974330000
C6B2H1S1P4L1M3J1E1A2,ROC,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00061721830000,0.00006998631000
C6B2H1S1P4L1M3J1E1A3,ROC,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00059027230000,0.00091067540000
C6B2H1S1P4L1M3J1E2A1,ROC,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00067774740000,0.00037353840000
C6B2H1S1P4L1M3J1E2A2,ROC,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00019316920000,0.00003277238000
C6B2H1S1P4L1M3J1E2A3,ROC,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00016599100000,0.00043631410000
C6B2H1S1P4L1M3J2E1A1,ROC,CL5Q,4,12,9,12,840,15,10,MEPDG,0.01830880000000,0.00836143400000
C6B2H1S1P4L1M3J2E1A2,ROC,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00475787400000,0.00130293000000
C6B2H1S1P4L1M3J2E1A3,ROC,CL5Q,4,12,9,12,840,15,10,MNHVY,0.00780553800000,0.01528701000000
C6B2H1S1P4L1M3J2E2A1,ROC,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00587355000000,0.00405449400000
C6B2H1S1P4L1M3J2E2A2,ROC,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00169947800000,0.00059087590000
C6B2H1S1P4L1M3J2E2A3,ROC,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00241242800000,0.00706730800000
C6B2H1S1P4L2M1J1E1A1,ROC,CL5Q,4,12,9,13,340,12,10,MEPDG,0.49291290000000,0.17540190000000
C6B2H1S1P4L2M1J1E1A2,ROC,CL5Q,4,12,9,13,340,12,10,MNAVG,0.23355050000000,0.02928003000000
C6B2H1S1P4L2M1J1E1A3,ROC,CL5Q,4,12,9,13,340,12,10,MNHVY,0.35142240000000,0.31845470000000
C6B2H1S1P4L2M1J1E2A1,ROC,CL5Q,4,12,9,13,340,12,40,MEPDG,0.49291290000000,0.17540190000000
C6B2H1S1P4L2M1J1E2A2,ROC,CL5Q,4,12,9,13,340,12,40,MNAVG,0.23355050000000,0.02928003000000
C6B2H1S1P4L2M1J1E2A3,ROC,CL5Q,4,12,9,13,340,12,40,MNHVY,0.35142240000000,0.31845470000000
C6B2H1S1P4L2M1J2E1A1,ROC,CL5Q,4,12,9,13,340,15,10,MEPDG,1.43542800000000,0.63088600000000
C6B2H1S1P4L2M1J2E1A2,ROC,CL5Q,4,12,9,13,340,15,10,MNAVG,0.88710580000000,0.13437250000000
C6B2H1S1P4L2M1J2E1A3,ROC,CL5Q,4,12,9,13,340,15,10,MNHVY,1.56626500000000,1.26286200000000
C6B2H1S1P4L2M1J2E2A1,ROC,CL5Q,4,12,9,13,340,15,40,MEPDG,1.43542800000000,0.63088600000000
C6B2H1S1P4L2M1J2E2A2,ROC,CL5Q,4,12,9,13,340,15,40,MNAVG,0.88710580000000,0.13437250000000
C6B2H1S1P4L2M1J2E2A3,ROC,CL5Q,4,12,9,13,340,15,40,MNHVY,1.56626500000000,1.26286200000000
C6B2H1S1P4L2M2J1E1A1,ROC,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00539485200000,0.00382849000000
C6B2H1S1P4L2M2J1E1A2,ROC,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00162662300000,0.00050548420000
C6B2H1S1P4L2M2J1E1A3,ROC,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00181232500000,0.00607569400000
C6B2H1S1P4L2M2J1E2A1,ROC,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00539485200000,0.00382849000000
C6B2H1S1P4L2M2J1E2A2,ROC,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00162662300000,0.00050548420000
C6B2H1S1P4L2M2J1E2A3,ROC,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00181232500000,0.00607569400000
C6B2H1S1P4L2M2J2E1A1,ROC,CL5Q,4,12,9,13,590,15,10,MEPDG,0.03139925000000,0.03099072000000
```

```
C6B2H1S1P4L2M2J2E1A2,ROC,CL5Q,4,12,9,13,590,15,10,MNAVG,0.01253469000000,0.00577973100000
C6B2H1S1P4L2M2J2E1A3,ROC,CL5Q,4,12,9,13,590,15,10,MNHVY,0.02047932000000,0.06077925000000
C6B2H1S1P4L2M2J2E2A1,ROC,CL5Q,4,12,9,13,590,15,40,MEPDG,0.03139925000000,0.03099072000000
C6B2H1S1P4L2M2J2E2A2,ROC,CL5Q,4,12,9,13,590,15,40,MNAVG,0.01253469000000,0.00577973100000
C6B2H1S1P4L2M2J2E2A3,ROC,CL5Q,4,12,9,13,590,15,40,MNHVY,0.02047932000000,0.06077925000000
C6B2H1S1P4L2M3J1E1A1,ROC,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00012051640000,0.00014040040000
C6B2H1S1P4L2M3J1E1A2,ROC,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00003563801000,0.00001214925000
C6B2H1S1P4L2M3J1E1A3,ROC,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00002965351000,0.00016160530000
C6B2H1S1P4L2M3J1E2A1,ROC,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00012051640000,0.00014040040000
C6B2H1S1P4L2M3J1E2A2,ROC,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00003563801000,0.00001214925000
C6B2H1S1P4L2M3J1E2A3,ROC,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00002965351000,0.00016160530000
C6B2H1S1P4L2M3J2E1A1,ROC,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00116606900000,0.00178302100000
C6B2H1S1P4L2M3J2E1A2,ROC,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00034332370000,0.00026264140000
C6B2H1S1P4L2M3J2E1A3,ROC,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00047127950000,0.00311571300000
C6B2H1S1P4L2M3J2E2A1,ROC,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00116606900000,0.00178302100000
C6B2H1S1P4L2M3J2E2A2,ROC,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00034332370000,0.00026264140000
C6B2H1S1P4L2M3J2E2A3,ROC,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00047127950000,0.00311571300000
C6B2H1S1P5L1M1J1E1A1,ROC,CL5Q,4,12,10,12,340,12,10,MEPDG,1.20010500000000,0.40448560000000
C6B2H1S1P5L1M1J1E1A2,ROC,CL5Q,4,12,10,12,340,12,10,MNAVG,0.45243100000000,0.06448054000000
C6B2H1S1P5L1M1J1E1A3,ROC,CL5Q,4,12,10,12,340,12,10,MNHVY,0.69083870000000,0.74626460000000
C6B2H1S1P5L1M1J1E2A1,ROC,CL5Q,4,12,10,12,340,12,40,MEPDG,0.50610250000000,0.22479820000000
C6B2H1S1P5L1M1J1E2A2,ROC,CL5Q,4,12,10,12,340,12,40,MNAVG,0.19278930000000,0.03439097000000
C6B2H1S1P5L1M1J1E2A3,ROC,CL5Q,4,12,10,12,340,12,40,MNHVY,0.26831610000000,0.40097250000000
C6B2H1S1P5L1M1J2E1A1,ROC,CL5Q,4,12,10,12,340,15,10,MEPDG,3.75869400000000,1.44398500000000
C6B2H1S1P5L1M1J2E1A2,ROC,CL5Q,4,12,10,12,340,15,10,MNAVG,1.89917800000000,0.28721530000000
C6B2H1S1P5L1M1J2E1A3,ROC,CL5Q,4,12,10,12,340,15,10,MNHVY,3.57236100000000,2.93416000000000
C6B2H1S1P5L1M1J2E2A1,ROC,CL5Q,4,12,10,12,340,15,40,MEPDG,1.78760000000000,0.84080220000000
C6B2H1S1P5L1M1J2E2A2,ROC,CL5Q,4,12,10,12,340,15,40,MNAVG,0.93363390000000,0.16587850000000
C6B2H1S1P5L1M1J2E2A3,ROC,CL5Q,4,12,10,12,340,15,40,MNHVY,1.64065500000000,1.68781100000000
C6B2H1S1P5L1M2J1E1A1,ROC,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01167076000000,0.00668810900000
C6B2H1S1P5L1M2J1E1A2,ROC,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00275406300000,0.00082329640000
C6B2H1S1P5L1M2J1E1A3,ROC,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00293840400000,0.01054240000000
C6B2H1S1P5L1M2J1E2A1,ROC,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00346005200000,0.00364973800000
C6B2H1S1P5L1M2J1E2A2,ROC,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00093747260000,0.00042369840000
C6B2H1S1P5L1M2J1E2A3,ROC,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00089027800000,0.00544241500000
C6B2H1S1P5L1M2J2E1A1,ROC,CL5Q,4,12,10,12,590,15,10,MEPDG,0.06844368000000,0.05884118000000
C6B2H1S1P5L1M2J2E1A2,ROC,CL5Q,4,12,10,12,590,15,10,MNAVG,0.01912077000000,0.01012443000000
C6B2H1S1P5L1M2J2E1A3,ROC,CL5Q,4,12,10,12,590,15,10,MNHVY,0.03239804000000,0.11491620000000
C6B2H1S1P5L1M2J2E2A1,ROC,CL5Q,4,12,10,12,590,15,40,MEPDG,0.02404212000000,0.03123235000000
C6B2H1S1P5L1M2J2E2A2,ROC,CL5Q,4,12,10,12,590,15,40,MNAVG,0.00735586900000,0.00525253200000
C6B2H1S1P5L1M2J2E2A3,ROC,CL5Q,4,12,10,12,590,15,40,MNHVY,0.01089429000000,0.05976842000000
C6B2H1S1P5L1M3J1E1A1,ROC,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00026154200000,0.00020591930000
C6B2H1S1P5L1M3J1E1A2,ROC,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00006060546000,0.00001766448000
C6B2H1S1P5L1M3J1E1A3,ROC,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00004662536000,0.00024714780000
C6B2H1S1P5L1M3J1E2A1,ROC,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00005767116000,0.00012184520000
C6B2H1S1P5L1M3J1E2A2,ROC,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00001662247000,0.00000927290500
C6B2H1S1P5L1M3J1E2A3,ROC,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00001159885000,0.00012967090000
C6B2H1S1P5L1M3J2E1A1,ROC,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00221575800000,0.00307488300000
C6B2H1S1P5L1M3J2E1A2,ROC,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00046033310000,0.00042620130000
C6B2H1S1P5L1M3J2E1A3,ROC,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00059698430000,0.00533308900000
```

```
C6B2H1S1P5L1M3J2E2A1,ROC,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00060219140000,0.00163397900000
C6B2H1S1P5L1M3J2E2A2,ROC,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00014841130000,0.00021465000000
C6B2H1S1P5L1M3J2E2A3,ROC,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00016679330000,0.00270981900000
C6B2H1S1P5L2M1J1E1A1,ROC,CL5Q,4,12,10,13,340,12,10,MEPDG,0.11056730000000,0.09813165000000
C6B2H1S1P5L2M1J1E1A2,ROC,CL5Q,4,12,10,13,340,12,10,MNAVG,0.04120943000000,0.01545844000000
C6B2H1S1P5L2M1J1E1A3,ROC,CL5Q,4,12,10,13,340,12,10,MNHVY,0.05611109000000,0.17754290000000
C6B2H1S1P5L2M1J1E2A1,ROC,CL5Q,4,12,10,13,340,12,40,MEPDG,0.11056730000000,0.09813165000000
C6B2H1S1P5L2M1J1E2A2,ROC,CL5Q,4,12,10,13,340,12,40,MNAVG,0.04120943000000,0.01545844000000
C6B2H1S1P5L2M1J1E2A3,ROC,CL5Q,4,12,10,13,340,12,40,MNHVY,0.05611109000000,0.17754290000000
C6B2H1S1P5L2M1J2E1A1,ROC,CL5Q,4,12,10,13,340,15,10,MEPDG,0.42849450000000,0.44158360000000
C6B2H1S1P5L2M1J2E1A2,ROC,CL5Q,4,12,10,13,340,15,10,MNAVG,0.22239250000000,0.08970897000000
C6B2H1S1P5L2M1J2E1A3,ROC,CL5Q,4,12,10,13,340,15,10,MNHVY,0.38605870000000,0.89350650000000
C6B2H1S1P5L2M1J2E2A1,ROC,CL5Q,4,12,10,13,340,15,40,MEPDG,0.42849450000000,0.44158360000000
C6B2H1S1P5L2M1J2E2A2,ROC,CL5Q,4,12,10,13,340,15,40,MNAVG,0.22239250000000,0.08970897000000
C6B2H1S1P5L2M1J2E2A3,ROC,CL5Q,4,12,10,13,340,15,40,MNHVY,0.38605870000000,0.89350650000000
C6B2H1S1P5L2M2J1E1A1,ROC,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00064326650000,0.00146750000000
C6B2H1S1P5L2M2J1E1A2,ROC,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00018004720000,0.00017288010000
C6B2H1S1P5L2M2J1E1A3,ROC,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00016461490000,0.00220929000000
C6B2H1S1P5L2M2J1E2A1,ROC,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00064326650000,0.00146750000000
C6B2H1S1P5L2M2J1E2A2,ROC,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00018004720000,0.00017288010000
C6B2H1S1P5L2M2J1E2A3,ROC,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00016461490000,0.00220929000000
C6B2H1S1P5L2M2J2E1A1,ROC,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00496823100000,0.01511658000000
C6B2H1S1P5L2M2J2E1A2,ROC,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00153803300000,0.00260408300000
C6B2H1S1P5L2M2J2E1A3,ROC,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00220187500000,0.02916917000000
C6B2H1S1P5L2M2J2E2A1,ROC,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00496823100000,0.01511658000000
C6B2H1S1P5L2M2J2E2A2,ROC,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00153803300000,0.00260408300000
C6B2H1S1P5L2M2J2E2A3,ROC,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00220187500000,0.02916917000000
C6B2H1S1P5L2M3J1E1A1,ROC,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00000948313200,0.00004901629000
C6B2H1S1P5L2M3J1E1A2,ROC,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000288142100,0.00000369093000
C6B2H1S1P5L2M3J1E1A3,ROC,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000195314300,0.00005166654000
C6B2H1S1P5L2M3J1E2A1,ROC,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00000948313200,0.00004901629000
C6B2H1S1P5L2M3J1E2A2,ROC,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000288142100,0.00000369093000
C6B2H1S1P5L2M3J1E2A3,ROC,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000195314300,0.00005166654000
C6B2H1S1P5L2M3J2E1A1,ROC,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00011040040000,0.00073991420000
C6B2H1S1P5L2M3J2E1A2,ROC,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00002830145000,0.00009804936000
C6B2H1S1P5L2M3J2E1A3,ROC,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00003065670000,0.00122897700000
C6B2H1S1P5L2M3J2E2A1,ROC,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00011040040000,0.00073991420000
C6B2H1S1P5L2M3J2E2A2,ROC,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00002830145000,0.00009804936000
C6B2H1S1P5L2M3J2E2A3,ROC,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00003065670000,0.00122897700000
C6B2H1S1P6L1M1J1E1A1,ROC,CL5Q,4,12,11,12,340,12,10,MEPDG,0.29814570000000,0.20308970000000
C6B2H1S1P6L1M1J1E1A2,ROC,CL5Q,4,12,11,12,340,12,10,MNAVG,0.08640783000000,0.02903382000000
C6B2H1S1P6L1M1J1E1A3,ROC,CL5Q,4,12,11,12,340,12,10,MNHVY,0.12155890000000,0.36127500000000
C6B2H1S1P6L1M1J1E2A1,ROC,CL5Q,4,12,11,12,340,12,40,MEPDG,0.11185850000000,0.11558200000000
C6B2H1S1P6L1M1J1E2A2,ROC,CL5Q,4,12,11,12,340,12,40,MNAVG,0.03406120000000,0.01606850000000
C6B2H1S1P6L1M1J1E2A3,ROC,CL5Q,4,12,11,12,340,12,40,MNHVY,0.04262383000000,0.19957490000000
C6B2H1S1P6L1M1J2E1A1,ROC,CL5Q,4,12,11,12,340,15,10,MEPDG,1.16477000000000,0.89466240000000
C6B2H1S1P6L1M1J2E1A2,ROC,CL5Q,4,12,11,12,340,15,10,MNAVG,0.46504390000000,0.16485620000000
C6B2H1S1P6L1M1J2E1A3,ROC,CL5Q,4,12,11,12,340,15,10,MNHVY,0.87044190000000,1.80624800000000
C6B2H1S1P6L1M1J2E2A1,ROC,CL5Q,4,12,11,12,340,15,40,MEPDG,0.50119920000000,0.52711830000000
C6B2H1S1P6L1M1J2E2A2,ROC,CL5Q,4,12,11,12,340,15,40,MNAVG,0.21110680000000,0.09686646000000
```

```
C6B2H1S1P6L1M1J2E2A3,ROC,CL5Q,4,12,11,12,340,15,40,MNHVY,0.35885430000000,1.05322000000000
C6B2H1S1P6L1M2J1E1A1,ROC,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00179846500000,0.00245666900000
C6B2H1S1P6L1M2J1E1A2,ROC,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00039129150000,0.00025306260000
C6B2H1S1P6L1M2J1E1A3,ROC,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00035291480000,0.00352888400000
C6B2H1S1P6L1M2J1E2A1,ROC,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00045781240000,0.00142852600000
C6B2H1S1P6L1M2J1E2A2,ROC,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00012145070000,0.00014145690000
C6B2H1S1P6L1M2J1E2A3,ROC,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00009780348000,0.00195693900000
C6B2H1S1P6L1M2J2E1A1,ROC,CL5Q,4,12,11,12,590,15,10,MEPDG,0.01187399000000,0.02613897000000
C6B2H1S1P6L1M2J2E1A2,ROC,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00260296200000,0.00396392900000
C6B2H1S1P6L1M2J2E1A3,ROC,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00372118700000,0.04878863000000
C6B2H1S1P6L1M2J2E2A1,ROC,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00361376700000,0.01441349000000
C6B2H1S1P6L1M2J2E2A2,ROC,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00091327780000,0.00216538100000
C6B2H1S1P6L1M2J2E2A3,ROC,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00112340400000,0.02645784000000
C6B2H1S1P6L1M3J1E1A1,ROC,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00003271618000,0.00006861419000
C6B2H1S1P6L1M3J1E1A2,ROC,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000669562700,0.00000505266100
C6B2H1S1P6L1M3J1E1A3,ROC,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000495670500,0.00007532065000
C6B2H1S1P6L1M3J1E2A1,ROC,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000547070000,0.00004085313000
C6B2H1S1P6L1M3J1E2A2,ROC,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000153336700,0.00000274474800
C6B2H1S1P6L1M3J1E2A3,ROC,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000093481380,0.00004074936000
C6B2H1S1P6L1M3J2E1A1,ROC,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00022678170000,0.00120388100000
C6B2H1S1P6L1M3J2E1A2,ROC,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00004187307000,0.00014145550000
C6B2H1S1P6L1M3J2E1A3,ROC,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00004108003000,0.00191754100000
C6B2H1S1P6L1M3J2E2A1,ROC,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00005119583000,0.00068082500000
C6B2H1S1P6L1M3J2E2A2,ROC,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00001193644000,0.00007667785000
C6B2H1S1P6L1M3J2E2A3,ROC,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00001024358000,0.00103407900000
C6B2H1S1P6L2M1J1E1A1,ROC,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02319340000000,0.05111108000000
C6B2H1S1P6L2M1J1E1A2,ROC,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00704542400000,0.00725282700000
C6B2H1S1P6L2M1J1E1A3,ROC,CL5Q,4,12,11,13,340,12,10,MNHVY,0.00852498000000,0.08938076000000
C6B2H1S1P6L2M1J1E2A1,ROC,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02319340000000,0.05111108000000
C6B2H1S1P6L2M1J1E2A2,ROC,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00704542400000,0.00725282700000
C6B2H1S1P6L2M1J1E2A3,ROC,CL5Q,4,12,11,13,340,12,40,MNHVY,0.00852498000000,0.08938076000000
C6B2H1S1P6L2M1J2E1A1,ROC,CL5Q,4,12,11,13,340,15,10,MEPDG,0.11434660000000,0.27818140000000
C6B2H1S1P6L2M1J2E1A2,ROC,CL5Q,4,12,11,13,340,15,10,MNAVG,0.04806903000000,0.05255022000000
C6B2H1S1P6L2M1J2E1A3,ROC,CL5Q,4,12,11,13,340,15,10,MNHVY,0.07993016000000,0.56026510000000
C6B2H1S1P6L2M1J2E2A1,ROC,CL5Q,4,12,11,13,340,15,40,MEPDG,0.11434660000000,0.27818140000000
C6B2H1S1P6L2M1J2E2A2,ROC,CL5Q,4,12,11,13,340,15,40,MNAVG,0.04806903000000,0.05255022000000
C6B2H1S1P6L2M1J2E2A3,ROC,CL5Q,4,12,11,13,340,15,40,MNHVY,0.07993016000000,0.56026510000000
C6B2H1S1P6L2M2J1E1A1,ROC,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00007972733000,0.00059492980000
C6B2H1S1P6L2M2J1E1A2,ROC,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00002226064000,0.00005959932000
C6B2H1S1P6L2M2J1E1A3,ROC,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00001725625000,0.00082271220000
C6B2H1S1P6L2M2J1E2A1,ROC,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00007972733000,0.00059492980000
C6B2H1S1P6L2M2J1E2A2,ROC,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00002226064000,0.00005959932000
C6B2H1S1P6L2M2J1E2A3,ROC,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00001725625000,0.00082271220000
C6B2H1S1P6L2M2J2E1A1,ROC,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00069718480000,0.00712531800000
C6B2H1S1P6L2M2J2E1A2,ROC,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00018180930000,0.00109333600000
C6B2H1S1P6L2M2J2E1A3,ROC,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00021453130000,0.01321703000000
C6B2H1S1P6L2M2J2E2A1,ROC,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00069718480000,0.00712531800000
C6B2H1S1P6L2M2J2E2A2,ROC,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00018180930000,0.00109333600000
C6B2H1S1P6L2M2J2E2A3,ROC,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00021453130000,0.01321703000000
C6B2H1S1P6L2M3J1E1A1,ROC,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000083087670,0.00001672226000
```

```
C6B2H1S1P6L2M3J1E1A2,ROC,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000024993220,0.00000108714600
C6B2H1S1P6L2M3J1E1A3,ROC,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000014729510,0.00001611635000
C6B2H1S1P6L2M3J1E2A1,ROC,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000083087670,0.00001672226000
C6B2H1S1P6L2M3J1E2A2,ROC,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000024993220,0.00000108714600
C6B2H1S1P6L2M3J1E2A3,ROC,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000014729510,0.00001611635000
C6B2H1S1P6L2M3J2E1A1,ROC,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00000865636700,0.00032120370000
C6B2H1S1P6L2M3J2E1A2,ROC,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000214009600,0.00003591089000
C6B2H1S1P6L2M3J2E1A3,ROC,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000177538300,0.00048411740000
C6B2H1S1P6L2M3J2E2A1,ROC,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00000865636700,0.00032120370000
C6B2H1S1P6L2M3J2E2A2,ROC,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000214009600,0.00003591089000
C6B2H1S1P6L2M3J2E2A3,ROC,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000177538300,0.00048411740000
C6B2H1S1P7L1M1J1E1A1,ROC,CL5Q,4,12,12,12,340,12,10,MEPDG,0.07089207000000,0.09809208000000
C6B2H1S1P7L1M1J1E1A2,ROC,CL5Q,4,12,12,12,340,12,10,MNAVG,0.01673052000000,0.01224487000000
C6B2H1S1P7L1M1J1E1A3,ROC,CL5Q,4,12,12,12,340,12,10,MNHVY,0.02121186000000,0.16310360000000
C6B2H1S1P7L1M1J1E2A1,ROC,CL5Q,4,12,12,12,340,12,40,MEPDG,0.02361132000000,0.05787524000000
C6B2H1S1P7L1M1J1E2A2,ROC,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00619416500000,0.00712999400000
C6B2H1S1P7L1M1J1E2A3,ROC,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00687206500000,0.09402499000000
C6B2H1S1P7L1M1J2E1A1,ROC,CL5Q,4,12,12,12,340,15,10,MEPDG,0.32605680000000,0.52144820000000
C6B2H1S1P7L1M1J2E1A2,ROC,CL5Q,4,12,12,12,340,15,10,MNAVG,0.10007240000000,0.08784893000000
C6B2H1S1P7L1M1J2E1A3,ROC,CL5Q,4,12,12,12,340,15,10,MNHVY,0.17934610000000,1.02509400000000
C6B2H1S1P7L1M1J2E2A1,ROC,CL5Q,4,12,12,12,340,15,40,MEPDG,0.12540550000000,0.31294800000000
C6B2H1S1P7L1M1J2E2A2,ROC,CL5Q,4,12,12,12,340,15,40,MNAVG,0.04163964000000,0.05296563000000
C6B2H1S1P7L1M1J2E2A3,ROC,CL5Q,4,12,12,12,340,15,40,MNHVY,0.06575740000000,0.61037820000000
C6B2H1S1P7L1M2J1E1A1,ROC,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00029923790000,0.00096441140000
C6B2H1S1P7L1M2J1E1A2,ROC,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00006021946000,0.00008535208000
C6B2H1S1P7L1M2J1E1A3,ROC,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00004808686000,0.00124954300000
C6B2H1S1P7L1M2J1E2A1,ROC,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00006837634000,0.00060834840000
C6B2H1S1P7L1M2J1E2A2,ROC,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00001752065000,0.00005246266000
C6B2H1S1P7L1M2J1E2A3,ROC,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00001274295000,0.00076296010000
C6B2H1S1P7L1M2J2E1A1,ROC,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00180685300000,0.01168406000000
C6B2H1S1P7L1M2J2E1A2,ROC,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00033877170000,0.00155174500000
C6B2H1S1P7L1M2J2E1A3,ROC,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00038377820000,0.02044780000000
C6B2H1S1P7L1M2J2E2A1,ROC,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00047782220000,0.00674473000000
C6B2H1S1P7L1M2J2E2A2,ROC,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00010986990000,0.00089766970000
C6B2H1S1P7L1M2J2E2A3,ROC,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00010910740000,0.01167252000000
C6B2H1S1P7L1M3J1E1A1,ROC,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000438921200,0.00002801387000
C6B2H1S1P7L1M3J1E1A2,ROC,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000080171430,0.00000181442200
C6B2H1S1P7L1M3J1E1A3,ROC,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000050373730,0.00002761024000
C6B2H1S1P7L1M3J1E2A1,ROC,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000074654020,0.00002037529000
C6B2H1S1P7L1M3J1E2A2,ROC,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000018686990,0.00000119477300
C6B2H1S1P7L1M3J1E2A3,ROC,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000010728200,0.00001807153000
C6B2H1S1P7L1M3J2E1A1,ROC,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00002302508000,0.00049747890000
C6B2H1S1P7L1M3J2E1A2,ROC,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000387956800,0.00004960264000
C6B2H1S1P7L1M3J2E1A3,ROC,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000309984300,0.00071281600000
C6B2H1S1P7L1M3J2E2A1,ROC,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000463653900,0.00030041020000
C6B2H1S1P7L1M3J2E2A2,ROC,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000103045200,0.00002880201000
C6B2H1S1P7L1M3J2E2A3,ROC,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000076050880,0.00041123280000
C6B2H1S1P7L2M1J1E1A1,ROC,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00465862000000,0.02608441000000
C6B2H1S1P7L2M1J1E1A2,ROC,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00125044600000,0.00327177500000
C6B2H1S1P7L2M1J1E1A3,ROC,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00133220400000,0.04292316000000
```

```
C6B2H1S1P7L2M1J1E2A1,ROC,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00465862000000,0.02608441000000
C6B2H1S1P7L2M1J1E2A2,ROC,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00125044600000,0.00327177500000
C6B2H1S1P7L2M1J1E2A3,ROC,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00133220400000,0.04292316000000
C6B2H1S1P7L2M1J2E1A1,ROC,CL5Q,4,12,12,13,340,15,10,MEPDG,0.02709471000000,0.16646370000000
C6B2H1S1P7L2M1J2E1A2,ROC,CL5Q,4,12,12,13,340,15,10,MNAVG,0.00906431100000,0.02887332000000
C6B2H1S1P7L2M1J2E1A3,ROC,CL5Q,4,12,12,13,340,15,10,MNHVY,0.01384697000000,0.32777880000000
C6B2H1S1P7L2M1J2E2A1,ROC,CL5Q,4,12,12,13,340,15,40,MEPDG,0.02709471000000,0.16646370000000
C6B2H1S1P7L2M1J2E2A2,ROC,CL5Q,4,12,12,13,340,15,40,MNAVG,0.00906431100000,0.02887332000000
C6B2H1S1P7L2M1J2E2A3,ROC,CL5Q,4,12,12,13,340,15,40,MNHVY,0.01384697000000,0.32777880000000
C6B2H1S1P7L2M2J1E1A1,ROC,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00001100090000,0.00026720310000
C6B2H1S1P7L2M2J1E1A2,ROC,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000302217700,0.00002331948000
C6B2H1S1P7L2M2J1E1A3,ROC,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000208149700,0.00033868830000
C6B2H1S1P7L2M2J1E2A1,ROC,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00001100090000,0.00026720310000
C6B2H1S1P7L2M2J1E2A2,ROC,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000302217700,0.00002331948000
C6B2H1S1P7L2M2J1E2A3,ROC,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000208149700,0.00033868830000
C6B2H1S1P7L2M2J2E1A1,ROC,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00008594601000,0.00340733900000
C6B2H1S1P7L2M2J2E1A2,ROC,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00002081358000,0.00046312160000
C6B2H1S1P7L2M2J2E1A3,ROC,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00001985116000,0.00597379700000
C6B2H1S1P7L2M2J2E2A1,ROC,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00008594601000,0.00340733900000
C6B2H1S1P7L2M2J2E2A2,ROC,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00002081358000,0.00046312160000
C6B2H1S1P7L2M2J2E2A3,ROC,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00001985116000,0.00597379700000
C6B2H1S1P7L2M3J1E1A1,ROC,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000011029500,0.00000879464400
C6B2H1S1P7L2M3J1E1A2,ROC,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000002992762,0.00000050217910
C6B2H1S1P7L2M3J1E1A3,ROC,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000001670548,0.00000758068600
C6B2H1S1P7L2M3J1E2A1,ROC,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000011029500,0.00000879464400
C6B2H1S1P7L2M3J1E2A2,ROC,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000002992762,0.00000050217910
C6B2H1S1P7L2M3J1E2A3,ROC,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000001670548,0.00000758068600
C6B2H1S1P7L2M3J2E1A1,ROC,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000074319980,0.00011947800000
C6B2H1S1P7L2M3J2E1A2,ROC,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000017698040,0.00001120653000
C6B2H1S1P7L2M3J2E1A3,ROC,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000012788620,0.00016066270000
C6B2H1S1P7L2M3J2E2A1,ROC,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000074319980,0.00011947800000
C6B2H1S1P7L2M3J2E2A2,ROC,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000017698040,0.00001120653000
C6B2H1S1P7L2M3J2E2A3,ROC,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000012788620,0.00016066270000
C6B2H2S2P1L1M1J1E1A1,ROC,CL5Q,12,4,6,12,340,12,10,MEPDG,35.90950000000000,0.00000000000020
C6B2H2S2P1L1M1J1E1A2,ROC,CL5Q,12,4,6,12,340,12,10,MNAVG,26.78580000000000,0.00000000000001
C6B2H2S2P1L1M1J1E1A3,ROC,CL5Q,12,4,6,12,340,12,10,MNHVY,45.17665000000000,0.00000000000012
C6B2H2S2P1L1M1J1E2A1,ROC,CL5Q,12,4,6,12,340,12,40,MEPDG,20.96188000000000,0.00000000000009
C6B2H2S2P1L1M1J1E2A2,ROC,CL5Q,12,4,6,12,340,12,40,MNAVG,14.89384000000000,0.00000000000000
C6B2H2S2P1L1M1J1E2A3,ROC,CL5Q,12,4,6,12,340,12,40,MNHVY,25.59160000000000,0.00000000000006
C6B2H2S2P1L1M1J2E1A1,ROC,CL5Q,12,4,6,12,340,15,10,MEPDG,45.45985000000000,0.00000000000016
C6B2H2S2P1L1M1J2E1A2,ROC,CL5Q,12,4,6,12,340,15,10,MNAVG,35.60659000000000,0.00000000000001
C6B2H2S2P1L1M1J2E1A3,ROC,CL5Q,12,4,6,12,340,15,10,MNHVY,61.52169000000000,0.00000000000018
C6B2H2S2P1L1M1J2E2A1,ROC,CL5Q,12,4,6,12,340,15,40,MEPDG,27.31556000000000,0.00000000000009
C6B2H2S2P1L1M1J2E2A2,ROC,CL5Q,12,4,6,12,340,15,40,MNAVG,20.55951000000000,0.00000000000001
C6B2H2S2P1L1M1J2E2A3,ROC,CL5Q,12,4,6,12,340,15,40,MNHVY,36.24799000000000,0.00000000000011
C6B2H2S2P1L1M2J1E1A1,ROC,CL5Q,12,4,6,12,590,12,10,MEPDG,4.41833800000000,0.00000000000244
C6B2H2S2P1L1M2J1E1A2,ROC,CL5Q,12,4,6,12,590,12,10,MNAVG,2.78443700000000,0.00000000000010
C6B2H2S2P1L1M2J1E1A3,ROC,CL5Q,12,4,6,12,590,12,10,MNHVY,4.64393400000000,0.00000000000136
C6B2H2S2P1L1M2J1E2A1,ROC,CL5Q,12,4,6,12,590,12,40,MEPDG,2.29906200000000,0.00000000000125
C6B2H2S2P1L1M2J1E2A2,ROC,CL5Q,12,4,6,12,590,12,40,MNAVG,1.40717300000000,0.00000000000006
```

```
C6B2H2S2P1L1M2J1E2A3,ROC,CL5Q,12,4,6,12,590,12,40,MNHVY,2.33983300000000,0.00000000000081
C6B2H2S2P1L1M2J2E1A1,ROC,CL5Q,12,4,6,12,590,15,10,MEPDG,7.75844700000000,0.00000000000739
C6B2H2S2P1L1M2J2E1A2,ROC,CL5Q,12,4,6,12,590,15,10,MNAVG,5.60812300000000,0.00000000000057
C6B2H2S2P1L1M2J2E1A3,ROC,CL5Q,12,4,6,12,590,15,10,MNHVY,9.93863700000000,0.00000000000793
C6B2H2S2P1L1M2J2E2A1,ROC,CL5Q,12,4,6,12,590,15,40,MEPDG,4.36555100000000,0.00000000000286
C6B2H2S2P1L1M2J2E2A2,ROC,CL5Q,12,4,6,12,590,15,40,MNAVG,3.12699200000000,0.00000000000025
C6B2H2S2P1L1M2J2E2A3,ROC,CL5Q,12,4,6,12,590,15,40,MNHVY,5.56350700000000,0.00000000000337
C6B2H2S2P1L1M3J1E1A1,ROC,CL5Q,12,4,6,12,840,12,10,MEPDG,0.64251290000000,0.00000000000735
C6B2H2S2P1L1M3J1E1A2,ROC,CL5Q,12,4,6,12,840,12,10,MNAVG,0.31503130000000,0.00000000000046
C6B2H2S2P1L1M3J1E1A3,ROC,CL5Q,12,4,6,12,840,12,10,MNHVY,0.50792280000000,0.00000000000700
C6B2H2S2P1L1M3J1E2A1,ROC,CL5Q,12,4,6,12,840,12,40,MEPDG,0.29222530000000,0.00000000000236
C6B2H2S2P1L1M3J1E2A2,ROC,CL5Q,12,4,6,12,840,12,40,MNAVG,0.14134430000000,0.00000000000015
C6B2H2S2P1L1M3J1E2A3,ROC,CL5Q,12,4,6,12,840,12,40,MNHVY,0.22023820000000,0.00000000000220
C6B2H2S2P1L1M3J2E1A1,ROC,CL5Q,12,4,6,12,840,15,10,MEPDG,1.58499800000000,0.00000000003644
C6B2H2S2P1L1M3J2E1A2,ROC,CL5Q,12,4,6,12,840,15,10,MNAVG,0.99070940000000,0.00000000000362
C6B2H2S2P1L1M3J2E1A3,ROC,CL5Q,12,4,6,12,840,15,10,MNHVY,1.84919000000000,0.00000000005272
C6B2H2S2P1L1M3J2E2A1,ROC,CL5Q,12,4,6,12,840,15,40,MEPDG,0.80197980000000,0.00000000001676
C6B2H2S2P1L1M3J2E2A2,ROC,CL5Q,12,4,6,12,840,15,40,MNAVG,0.50586120000000,0.00000000000173
C6B2H2S2P1L1M3J2E2A3,ROC,CL5Q,12,4,6,12,840,15,40,MNHVY,0.92686980000000,0.00000000002460
C6B2H2S2P1L2M1J1E1A1,ROC,CL5Q,12,4,6,13,340,12,10,MEPDG,5.24470700000000,0.00000000000003
C6B2H2S2P1L2M1J1E1A2,ROC,CL5Q,12,4,6,13,340,12,10,MNAVG,3.59744100000000,0.00000000000000
C6B2H2S2P1L2M1J1E1A3,ROC,CL5Q,12,4,6,13,340,12,10,MNHVY,6.26153700000000,0.00000000000003
C6B2H2S2P1L2M1J1E2A1,ROC,CL5Q,12,4,6,13,340,12,40,MEPDG,5.24470700000000,0.00000000000003
C6B2H2S2P1L2M1J1E2A2,ROC,CL5Q,12,4,6,13,340,12,40,MNAVG,3.59744100000000,0.00000000000000
C6B2H2S2P1L2M1J1E2A3,ROC,CL5Q,12,4,6,13,340,12,40,MNHVY,6.26153700000000,0.00000000000003
C6B2H2S2P1L2M1J2E1A1,ROC,CL5Q,12,4,6,13,340,15,10,MEPDG,7.01937700000000,0.00000000000004
C6B2H2S2P1L2M1J2E1A2,ROC,CL5Q,12,4,6,13,340,15,10,MNAVG,5.14962100000000,0.00000000000000
C6B2H2S2P1L2M1J2E1A3,ROC,CL5Q,12,4,6,13,340,15,10,MNHVY,9.17441200000000,0.00000000000006
C6B2H2S2P1L2M1J2E2A1,ROC,CL5Q,12,4,6,13,340,15,40,MEPDG,7.01937700000000,0.00000000000004
C6B2H2S2P1L2M1J2E2A2,ROC,CL5Q,12,4,6,13,340,15,40,MNAVG,5.14962100000000,0.00000000000000
C6B2H2S2P1L2M1J2E2A3,ROC,CL5Q,12,4,6,13,340,15,40,MNHVY,9.17441200000000,0.00000000000006
C6B2H2S2P1L2M2J1E1A1,ROC,CL5Q,12,4,6,13,590,12,10,MEPDG,0.55083860000000,0.00000000000055
C6B2H2S2P1L2M2J1E1A2,ROC,CL5Q,12,4,6,13,590,12,10,MNAVG,0.32768110000000,0.00000000000003
C6B2H2S2P1L2M2J1E1A3,ROC,CL5Q,12,4,6,13,590,12,10,MNHVY,0.55250810000000,0.00000000000040
C6B2H2S2P1L2M2J1E2A1,ROC,CL5Q,12,4,6,13,590,12,40,MEPDG,0.55083860000000,0.00000000000055
C6B2H2S2P1L2M2J1E2A2,ROC,CL5Q,12,4,6,13,590,12,40,MNAVG,0.32768110000000,0.00000000000003
C6B2H2S2P1L2M2J1E2A3,ROC,CL5Q,12,4,6,13,590,12,40,MNHVY,0.55250810000000,0.00000000000040
C6B2H2S2P1L2M2J2E1A1,ROC,CL5Q,12,4,6,13,590,15,10,MEPDG,1.12752100000000,0.00000000000155
C6B2H2S2P1L2M2J2E1A2,ROC,CL5Q,12,4,6,13,590,15,10,MNAVG,0.80442050000000,0.00000000000015
C6B2H2S2P1L2M2J2E1A3,ROC,CL5Q,12,4,6,13,590,15,10,MNHVY,1.44822200000000,0.00000000000203
C6B2H2S2P1L2M2J2E2A1,ROC,CL5Q,12,4,6,13,590,15,40,MEPDG,1.12752100000000,0.00000000000155
C6B2H2S2P1L2M2J2E2A2,ROC,CL5Q,12,4,6,13,590,15,40,MNAVG,0.80442050000000,0.00000000000015
C6B2H2S2P1L2M2J2E2A3,ROC,CL5Q,12,4,6,13,590,15,40,MNHVY,1.44822200000000,0.00000000000203
C6B2H2S2P1L2M3J1E1A1,ROC,CL5Q,12,4,6,13,840,12,10,MEPDG,0.06586571000000,0.00000000000116
C6B2H2S2P1L2M3J1E1A2,ROC,CL5Q,12,4,6,13,840,12,10,MNAVG,0.03101790000000,0.00000000000008
C6B2H2S2P1L2M3J1E1A3,ROC,CL5Q,12,4,6,13,840,12,10,MNHVY,0.04871805000000,0.00000000000114
C6B2H2S2P1L2M3J1E2A1,ROC,CL5Q,12,4,6,13,840,12,40,MEPDG,0.06586571000000,0.00000000000116
C6B2H2S2P1L2M3J1E2A2,ROC,CL5Q,12,4,6,13,840,12,40,MNAVG,0.03101790000000,0.00000000000008
C6B2H2S2P1L2M3J1E2A3,ROC,CL5Q,12,4,6,13,840,12,40,MNHVY,0.04871805000000,0.00000000000114
C6B2H2S2P1L2M3J2E1A1,ROC,CL5Q,12,4,6,13,840,15,10,MEPDG,0.19930140000000,0.00000000000633
```

```
C6B2H2S2P1L2M3J2E1A2,ROC,CL5Q,12,4,6,13,840,15,10,MNAVG,0.12550100000000,0.00000000000069
C6B2H2S2P1L2M3J2E1A3,ROC,CL5Q,12,4,6,13,840,15,10,MNHVY,0.23326780000000,0.00000000000966
C6B2H2S2P1L2M3J2E2A1,ROC,CL5Q,12,4,6,13,840,15,40,MEPDG,0.19930140000000,0.00000000000633
C6B2H2S2P1L2M3J2E2A2,ROC,CL5Q,12,4,6,13,840,15,40,MNAVG,0.12550100000000,0.00000000000069
C6B2H2S2P1L2M3J2E2A3,ROC,CL5Q,12,4,6,13,840,15,40,MNHVY,0.23326780000000,0.00000000000966
C6B2H2S2P2L1M1J1E1A1,ROC,CL5Q,12,4,7,12,340,12,10,MEPDG,19.77717000000000,0.00000000005340
C6B2H2S2P2L1M1J1E1A2,ROC,CL5Q,12,4,7,12,340,12,10,MNAVG,14.18820000000000,0.00000000000232
C6B2H2S2P2L1M1J1E1A3,ROC,CL5Q,12,4,7,12,340,12,10,MNHVY,24.75624000000000,0.00000000003278
C6B2H2S2P2L1M1J1E2A1,ROC,CL5Q,12,4,7,12,340,12,40,MEPDG,11.16036000000000,0.00000000003214
C6B2H2S2P2L1M1J1E2A2,ROC,CL5Q,12,4,7,12,340,12,40,MNAVG,7.81401900000000,0.00000000000169
C6B2H2S2P2L1M1J1E2A3,ROC,CL5Q,12,4,7,12,340,12,40,MNHVY,13.65204000000000,0.00000000002365
C6B2H2S2P2L1M1J2E1A1,ROC,CL5Q,12,4,7,12,340,15,10,MEPDG,32.57256000000000,0.00000000017329
C6B2H2S2P2L1M1J2E1A2,ROC,CL5Q,12,4,7,12,340,15,10,MNAVG,25.86523000000000,0.00000000001582
C6B2H2S2P2L1M1J2E1A3,ROC,CL5Q,12,4,7,12,340,15,10,MNHVY,46.91968000000000,0.00000000020891
C6B2H2S2P2L1M1J2E2A1,ROC,CL5Q,12,4,7,12,340,15,40,MEPDG,19.61640000000000,0.00000000008246
C6B2H2S2P2L1M1J2E2A2,ROC,CL5Q,12,4,7,12,340,15,40,MNAVG,15.43239000000000,0.00000000000856
C6B2H2S2P2L1M1J2E2A3,ROC,CL5Q,12,4,7,12,340,15,40,MNHVY,28.11857000000000,0.00000000010943
C6B2H2S2P2L1M2J1E1A1,ROC,CL5Q,12,4,7,12,590,12,10,MEPDG,1.33187100000000,0.00000000070640
C6B2H2S2P2L1M2J1E1A2,ROC,CL5Q,12,4,7,12,590,12,10,MNAVG,0.67486160000000,0.00000000004780
C6B2H2S2P2L1M2J1E1A3,ROC,CL5Q,12,4,7,12,590,12,10,MNHVY,1.14007400000000,0.00000000071513
C6B2H2S2P2L1M2J1E2A1,ROC,CL5Q,12,4,7,12,590,12,40,MEPDG,0.62092650000000,0.00000000026734
C6B2H2S2P2L1M2J1E2A2,ROC,CL5Q,12,4,7,12,590,12,40,MNAVG,0.31365000000000,0.00000000001816
C6B2H2S2P2L1M2J1E2A3,ROC,CL5Q,12,4,7,12,590,12,40,MNHVY,0.50795660000000,0.00000000027003
C6B2H2S2P2L1M2J2E1A1,ROC,CL5Q,12,4,7,12,590,15,10,MEPDG,3.56203600000000,0.00000000308724
C6B2H2S2P2L1M2J2E1A2,ROC,CL5Q,12,4,7,12,590,15,10,MNAVG,2.28011100000000,0.00000000033588
C6B2H2S2P2L1M2J2E1A3,ROC,CL5Q,12,4,7,12,590,15,10,MNHVY,4.39150100000000,0.00000000469397
C6B2H2S2P2L1M2J2E2A1,ROC,CL5Q,12,4,7,12,590,15,40,MEPDG,1.85961500000000,0.00000000167143
C6B2H2S2P2L1M2J2E2A2,ROC,CL5Q,12,4,7,12,590,15,40,MNAVG,1.21463800000000,0.00000000018997
C6B2H2S2P2L1M2J2E2A3,ROC,CL5Q,12,4,7,12,590,15,40,MNHVY,2.27459400000000,0.00000000259663
C6B2H2S2P2L1M3J1E1A1,ROC,CL5Q,12,4,7,12,840,12,10,MEPDG,0.12965560000000,0.00001101598000
C6B2H2S2P2L1M3J1E1A2,ROC,CL5Q,12,4,7,12,840,12,10,MNAVG,0.04719676000000,0.00000149760000
C6B2H2S2P2L1M3J1E1A3,ROC,CL5Q,12,4,7,12,840,12,10,MNHVY,0.07384736000000,0.00001820686000
C6B2H2S2P2L1M3J1E2A1,ROC,CL5Q,12,4,7,12,840,12,40,MEPDG,0.05094187000000,0.00001553841000
C6B2H2S2P2L1M3J1E2A2,ROC,CL5Q,12,4,7,12,840,12,40,MNAVG,0.01900821000000,0.00000175370800
C6B2H2S2P2L1M3J1E2A3,ROC,CL5Q,12,4,7,12,840,12,40,MNHVY,0.02740863000000,0.00002245726000
C6B2H2S2P2L1M3J2E1A1,ROC,CL5Q,12,4,7,12,840,15,10,MEPDG,0.54961420000000,0.00541267200000
C6B2H2S2P2L1M3J2E1A2,ROC,CL5Q,12,4,7,12,840,15,10,MNAVG,0.27535600000000,0.00095319380000
C6B2H2S2P2L1M3J2E1A3,ROC,CL5Q,12,4,7,12,840,15,10,MNHVY,0.58219800000000,0.01015178000000
C6B2H2S2P2L1M3J2E2A1,ROC,CL5Q,12,4,7,12,840,15,40,MEPDG,0.24717040000000,0.00000000201071
C6B2H2S2P2L1M3J2E2A2,ROC,CL5Q,12,4,7,12,840,15,40,MNAVG,0.12896240000000,0.00000000024553
C6B2H2S2P2L1M3J2E2A3,ROC,CL5Q,12,4,7,12,840,15,40,MNHVY,0.25555970000000,0.00000000334974
C6B2H2S2P2L2M1J1E1A1,ROC,CL5Q,12,4,7,13,340,12,10,MEPDG,2.81222100000000,0.00000000001167
C6B2H2S2P2L2M1J1E1A2,ROC,CL5Q,12,4,7,13,340,12,10,MNAVG,1.92418300000000,0.00000000000069
C6B2H2S2P2L2M1J1E1A3,ROC,CL5Q,12,4,7,13,340,12,10,MNHVY,3.39175200000000,0.00000000000959
C6B2H2S2P2L2M1J1E2A1,ROC,CL5Q,12,4,7,13,340,12,40,MEPDG,2.81222100000000,0.00000000001167
C6B2H2S2P2L2M1J1E2A2,ROC,CL5Q,12,4,7,13,340,12,40,MNAVG,1.92418300000000,0.00000000000069
C6B2H2S2P2L2M1J1E2A3,ROC,CL5Q,12,4,7,13,340,12,40,MNHVY,3.39175200000000,0.00000000000959
C6B2H2S2P2L2M1J2E1A1,ROC,CL5Q,12,4,7,13,340,15,10,MEPDG,5.32012000000000,0.00000000003425
C6B2H2S2P2L2M1J2E1A2,ROC,CL5Q,12,4,7,13,340,15,10,MNAVG,4.17480900000000,0.00000000000399
C6B2H2S2P2L2M1J2E1A3,ROC,CL5Q,12,4,7,13,340,15,10,MNHVY,7.64348600000000,0.00000000004924
```

```
C6B2H2S2P2L2M1J2E2A1,ROC,CL5Q,12,4,7,13,340,15,40,MEPDG,5.32012000000000,0.00000000003425
C6B2H2S2P2L2M1J2E2A2,ROC,CL5Q,12,4,7,13,340,15,40,MNAVG,4.17480900000000,0.00000000000399
C6B2H2S2P2L2M1J2E2A3,ROC,CL5Q,12,4,7,13,340,15,40,MNHVY,7.64348600000000,0.00000000004924
C6B2H2S2P2L2M2J1E1A1,ROC,CL5Q,12,4,7,13,590,12,10,MEPDG,0.14250790000000,0.00000000012139
C6B2H2S2P2L2M2J1E1A2,ROC,CL5Q,12,4,7,13,590,12,10,MNAVG,0.07034115000000,0.00000000000879
C6B2H2S2P2L2M2J1E1A3,ROC,CL5Q,12,4,7,13,590,12,10,MNHVY,0.11410950000000,0.00000000012996
C6B2H2S2P2L2M2J1E2A1,ROC,CL5Q,12,4,7,13,590,12,40,MEPDG,0.14250790000000,0.00000000012139
C6B2H2S2P2L2M2J1E2A2,ROC,CL5Q,12,4,7,13,590,12,40,MNAVG,0.07034115000000,0.00000000000879
C6B2H2S2P2L2M2J1E2A3,ROC,CL5Q,12,4,7,13,590,12,40,MNHVY,0.11410950000000,0.00000000012996
C6B2H2S2P2L2M2J2E1A1,ROC,CL5Q,12,4,7,13,590,15,10,MEPDG,0.47666290000000,0.00000000070538
C6B2H2S2P2L2M2J2E1A2,ROC,CL5Q,12,4,7,13,590,15,10,MNAVG,0.31205570000000,0.00000000008443
C6B2H2S2P2L2M2J2E1A3,ROC,CL5Q,12,4,7,13,590,15,10,MNHVY,0.58827100000000,0.00000000113503
C6B2H2S2P2L2M2J2E2A1,ROC,CL5Q,12,4,7,13,590,15,40,MEPDG,0.47666290000000,0.00000000070538
C6B2H2S2P2L2M2J2E2A2,ROC,CL5Q,12,4,7,13,590,15,40,MNAVG,0.31205570000000,0.00000000008443
C6B2H2S2P2L2M2J2E2A3,ROC,CL5Q,12,4,7,13,590,15,40,MNHVY,0.58827100000000,0.00000000113503
C6B2H2S2P2L2M3J1E1A1,ROC,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01080531000000,0.00000765225100
C6B2H2S2P2L2M3J1E1A2,ROC,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00397468300000,0.00000084180900
C6B2H2S2P2L2M3J1E1A3,ROC,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00567621800000,0.00001079199000
C6B2H2S2P2L2M3J1E2A1,ROC,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01080531000000,0.00000765225100
C6B2H2S2P2L2M3J1E2A2,ROC,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00397468300000,0.00000084180900
C6B2H2S2P2L2M3J1E2A3,ROC,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00567621800000,0.00001079199000
C6B2H2S2P2L2M3J2E1A1,ROC,CL5Q,12,4,7,13,840,15,10,MEPDG,0.05933930000000,0.00167755800000
C6B2H2S2P2L2M3J2E1A2,ROC,CL5Q,12,4,7,13,840,15,10,MNAVG,0.03092852000000,0.00026768200000
C6B2H2S2P2L2M3J2E1A3,ROC,CL5Q,12,4,7,13,840,15,10,MNHVY,0.06170084000000,0.00291656000000
C6B2H2S2P2L2M3J2E2A1,ROC,CL5Q,12,4,7,13,840,15,40,MEPDG,0.05933930000000,0.00167755800000
C6B2H2S2P2L2M3J2E2A2,ROC,CL5Q,12,4,7,13,840,15,40,MNAVG,0.03092852000000,0.00026768200000
C6B2H2S2P2L2M3J2E2A3,ROC,CL5Q,12,4,7,13,840,15,40,MNHVY,0.06170084000000,0.00291656000000
C6B2H2S2P3L1M1J1E1A1,ROC,CL5Q,12,4,8,12,340,12,10,MEPDG,7.78292700000000,0.00000001342765
C6B2H2S2P3L1M1J1E1A2,ROC,CL5Q,12,4,8,12,340,12,10,MNAVG,4.74067100000000,0.00000000084996
C6B2H2S2P3L1M1J1E1A3,ROC,CL5Q,12,4,8,12,340,12,10,MNHVY,8.34596700000000,0.00000001225918
C6B2H2S2P3L1M1J1E2A1,ROC,CL5Q,12,4,8,12,340,12,40,MEPDG,4.01801300000000,0.00000000610880
C6B2H2S2P3L1M1J1E2A2,ROC,CL5Q,12,4,8,12,340,12,40,MNAVG,2.43174600000000,0.00000000041126
C6B2H2S2P3L1M1J1E2A3,ROC,CL5Q,12,4,8,12,340,12,40,MNHVY,4.15843500000000,0.00000000588202
C6B2H2S2P3L1M1J2E1A1,ROC,CL5Q,12,4,8,12,340,15,10,MEPDG,16.83791000000000,0.00000005343193
C6B2H2S2P3L1M1J2E1A2,ROC,CL5Q,12,4,8,12,340,15,10,MNAVG,12.14016000000000,0.00000000570323
C6B2H2S2P3L1M1J2E1A3,ROC,CL5Q,12,4,8,12,340,15,10,MNHVY,22.97744000000000,0.00000007623401
C6B2H2S2P3L1M1J2E2A1,ROC,CL5Q,12,4,8,12,340,15,40,MEPDG,9.57912600000000,0.00000003558378
C6B2H2S2P3L1M1J2E2A2,ROC,CL5Q,12,4,8,12,340,15,40,MNAVG,6.99793500000000,0.00000000417998
C6B2H2S2P3L1M1J2E2A3,ROC,CL5Q,12,4,8,12,340,15,40,MNHVY,13.00012000000000,0.00000005409361
C6B2H2S2P3L1M2J1E1A1,ROC,CL5Q,12,4,8,12,590,12,10,MEPDG,0.30508750000000,0.00007929620000
C6B2H2S2P3L1M2J1E1A2,ROC,CL5Q,12,4,8,12,590,12,10,MNAVG,0.11563450000000,0.00001396812000
C6B2H2S2P3L1M2J1E1A3,ROC,CL5Q,12,4,8,12,590,12,10,MNHVY,0.18661560000000,0.00015298470000
C6B2H2S2P3L1M2J1E2A1,ROC,CL5Q,12,4,8,12,590,12,40,MEPDG,0.12376680000000,0.00007105607000
C6B2H2S2P3L1M2J1E2A2,ROC,CL5Q,12,4,8,12,590,12,40,MNAVG,0.04809190000000,0.00001151255000
C6B2H2S2P3L1M2J1E2A3,ROC,CL5Q,12,4,8,12,590,12,40,MNHVY,0.07117535000000,0.00013025740000
C6B2H2S2P3L1M2J2E1A1,ROC,CL5Q,12,4,8,12,590,15,10,MEPDG,1.22886400000000,0.00000024378430
C6B2H2S2P3L1M2J2E1A2,ROC,CL5Q,12,4,8,12,590,15,10,MNAVG,0.63589780000000,0.00000003238320
C6B2H2S2P3L1M2J2E1A3,ROC,CL5Q,12,4,8,12,590,15,10,MNHVY,1.31554700000000,0.00000043824490
C6B2H2S2P3L1M2J2E2A1,ROC,CL5Q,12,4,8,12,590,15,40,MEPDG,0.57484090000000,0.01775623000000
C6B2H2S2P3L1M2J2E2A2,ROC,CL5Q,12,4,8,12,590,15,40,MNAVG,0.31138970000000,0.00344065300000
```

```
C6B2H2S2P3L1M2J2E2A3,ROC,CL5Q,12,4,8,12,590,15,40,MNHVY,0.60364330000000,0.03489742000000
C6B2H2S2P3L1M3J1E1A1,ROC,CL5Q,12,4,8,12,840,12,10,MEPDG,0.01880499000000,0.00044549670000
C6B2H2S2P3L1M3J1E1A2,ROC,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00516326800000,0.00005517634000
C6B2H2S2P3L1M3J1E1A3,ROC,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00694277900000,0.00068139510000
C6B2H2S2P3L1M3J1E2A1,ROC,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00625587400000,0.00006185935000
C6B2H2S2P3L1M3J1E2A2,ROC,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00186101600000,0.00000666325500
C6B2H2S2P3L1M3J1E2A3,ROC,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00225004300000,0.00008643312000
C6B2H2S2P3L1M3J2E1A1,ROC,CL5Q,12,4,8,12,840,15,10,MEPDG,0.12435510000000,0.00609894100000
C6B2H2S2P3L1M3J2E1A2,ROC,CL5Q,12,4,8,12,840,15,10,MNAVG,0.04548227000000,0.00101726100000
C6B2H2S2P3L1M3J2E1A3,ROC,CL5Q,12,4,8,12,840,15,10,MNHVY,0.10011540000000,0.01138864000000
C6B2H2S2P3L1M3J2E2A1,ROC,CL5Q,12,4,8,12,840,15,40,MEPDG,0.04838537000000,0.00018862030000
C6B2H2S2P3L1M3J2E2A2,ROC,CL5Q,12,4,8,12,840,15,40,MNAVG,0.01897238000000,0.00002956823000
C6B2H2S2P3L1M3J2E2A3,ROC,CL5Q,12,4,8,12,840,15,40,MNHVY,0.03748026000000,0.00034574060000
C6B2H2S2P3L2M1J1E1A1,ROC,CL5Q,12,4,8,13,340,12,10,MEPDG,0.97676900000000,0.00000000223716
C6B2H2S2P3L2M1J1E1A2,ROC,CL5Q,12,4,8,13,340,12,10,MNAVG,0.57825910000000,0.00000000016075
C6B2H2S2P3L2M1J1E1A3,ROC,CL5Q,12,4,8,13,340,12,10,MNHVY,0.99099890000000,0.00000000227845
C6B2H2S2P3L2M1J1E2A1,ROC,CL5Q,12,4,8,13,340,12,40,MEPDG,0.97676900000000,0.00000000223716
C6B2H2S2P3L2M1J1E2A2,ROC,CL5Q,12,4,8,13,340,12,40,MNAVG,0.57825910000000,0.00000000016075
C6B2H2S2P3L2M1J1E2A3,ROC,CL5Q,12,4,8,13,340,12,40,MNHVY,0.99099890000000,0.00000000227845
C6B2H2S2P3L2M1J2E1A1,ROC,CL5Q,12,4,8,13,340,15,10,MEPDG,2.57325800000000,0.00000001611812
C6B2H2S2P3L2M1J2E1A2,ROC,CL5Q,12,4,8,13,340,15,10,MNAVG,1.88499400000000,0.00000000203572
C6B2H2S2P3L2M1J2E1A3,ROC,CL5Q,12,4,8,13,340,15,10,MNHVY,3.50378100000000,0.00000002565713
C6B2H2S2P3L2M1J2E2A1,ROC,CL5Q,12,4,8,13,340,15,40,MEPDG,2.57325800000000,0.00000001611812
C6B2H2S2P3L2M1J2E2A2,ROC,CL5Q,12,4,8,13,340,15,40,MNAVG,1.88499400000000,0.00000000203572
C6B2H2S2P3L2M1J2E2A3,ROC,CL5Q,12,4,8,13,340,15,40,MNHVY,3.50378100000000,0.00000002565713
C6B2H2S2P3L2M2J1E1A1,ROC,CL5Q,12,4,8,13,590,12,10,MEPDG,0.02673515000000,0.00004425483000
C6B2H2S2P3L2M2J1E1A2,ROC,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01024446000000,0.00000722075800
C6B2H2S2P3L2M2J1E1A3,ROC,CL5Q,12,4,8,13,590,12,10,MNHVY,0.01493553000000,0.00008106101000
C6B2H2S2P3L2M2J1E2A1,ROC,CL5Q,12,4,8,13,590,12,40,MEPDG,0.02673515000000,0.00004425483000
C6B2H2S2P3L2M2J1E2A2,ROC,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01024446000000,0.00000722075800
C6B2H2S2P3L2M2J1E2A3,ROC,CL5Q,12,4,8,13,590,12,40,MNHVY,0.01493553000000,0.00008106101000
C6B2H2S2P3L2M2J2E1A1,ROC,CL5Q,12,4,8,13,590,15,10,MEPDG,0.14062090000000,0.00001347002000
C6B2H2S2P3L2M2J2E1A2,ROC,CL5Q,12,4,8,13,590,15,10,MNAVG,0.07638980000000,0.00000273206400
C6B2H2S2P3L2M2J2E1A3,ROC,CL5Q,12,4,8,13,590,15,10,MNHVY,0.14766800000000,0.00002737059000
C6B2H2S2P3L2M2J2E2A1,ROC,CL5Q,12,4,8,13,590,15,40,MEPDG,0.14062090000000,0.00001347002000
C6B2H2S2P3L2M2J2E2A2,ROC,CL5Q,12,4,8,13,590,15,40,MNAVG,0.07638980000000,0.00000273206400
C6B2H2S2P3L2M2J2E2A3,ROC,CL5Q,12,4,8,13,590,15,40,MNHVY,0.14766800000000,0.00002737059000
C6B2H2S2P3L2M3J1E1A1,ROC,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00122909200000,0.00002846517000
C6B2H2S2P3L2M3J1E1A2,ROC,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00036853180000,0.00000297558800
C6B2H2S2P3L2M3J1E1A3,ROC,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00043361320000,0.00003864840000
C6B2H2S2P3L2M3J1E2A1,ROC,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00122909200000,0.00002846517000
C6B2H2S2P3L2M3J1E2A2,ROC,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00036853180000,0.00000297558800
C6B2H2S2P3L2M3J1E2A3,ROC,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00043361320000,0.00003864840000
C6B2H2S2P3L2M3J2E1A1,ROC,CL5Q,12,4,8,13,840,15,10,MEPDG,0.01081031000000,0.00155685500000
C6B2H2S2P3L2M3J2E1A2,ROC,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00425289900000,0.00024842630000
C6B2H2S2P3L2M3J2E1A3,ROC,CL5Q,12,4,8,13,840,15,10,MNHVY,0.00830217600000,0.00278622600000
C6B2H2S2P3L2M3J2E2A1,ROC,CL5Q,12,4,8,13,840,15,40,MEPDG,0.01081031000000,0.00155685500000
C6B2H2S2P3L2M3J2E2A2,ROC,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00425289900000,0.00024842630000
C6B2H2S2P3L2M3J2E2A3,ROC,CL5Q,12,4,8,13,840,15,40,MNHVY,0.00830217600000,0.00278622600000
C6B2H2S2P4L1M1J1E1A1,ROC,CL5Q,12,4,9,12,340,12,10,MEPDG,2.50705200000000,0.00015458530000
```

```
C6B2H2S2P4L1M1J1E1A2,ROC,CL5Q,12,4,9,12,340,12,10,MNAVG,1.21337100000000,0.00003030008000
C6B2H2S2P4L1M1J1E1A3,ROC,CL5Q,12,4,9,12,340,12,10,MNHVY,2.09404100000000,0.00031788850000
C6B2H2S2P4L1M1J1E2A1,ROC,CL5Q,12,4,9,12,340,12,40,MEPDG,1.16182600000000,0.00022184270000
C6B2H2S2P4L1M1J1E2A2,ROC,CL5Q,12,4,9,12,340,12,40,MNAVG,0.56731720000000,0.00004257150000
C6B2H2S2P4L1M1J1E2A3,ROC,CL5Q,12,4,9,12,340,12,40,MNHVY,0.91749950000000,0.00044819350000
C6B2H2S2P4L1M1J2E1A1,ROC,CL5Q,12,4,9,12,340,15,10,MEPDG,7.14071700000000,0.00000247648600
C6B2H2S2P4L1M1J2E1A2,ROC,CL5Q,12,4,9,12,340,15,10,MNAVG,4.43860900000000,0.00000032093040
C6B2H2S2P4L1M1J2E1A3,ROC,CL5Q,12,4,9,12,340,15,10,MNHVY,8.75026700000000,0.00000417870500
C6B2H2S2P4L1M1J2E2A1,ROC,CL5Q,12,4,9,12,340,15,40,MEPDG,3.75109800000000,0.00000133639400
C6B2H2S2P4L1M1J2E2A2,ROC,CL5Q,12,4,9,12,340,15,40,MNAVG,2.40896700000000,0.00000018036180
C6B2H2S2P4L1M1J2E2A3,ROC,CL5Q,12,4,9,12,340,15,40,MNHVY,4.54780000000000,0.00000229318900
C6B2H2S2P4L1M2J1E1A1,ROC,CL5Q,12,4,9,12,590,12,10,MEPDG,0.05511888000000,0.00471813700000
C6B2H2S2P4L1M2J1E1A2,ROC,CL5Q,12,4,9,12,590,12,10,MNAVG,0.01556300000000,0.00069767690000
C6B2H2S2P4L1M2J1E1A3,ROC,CL5Q,12,4,9,12,590,12,10,MNHVY,0.02176104000000,0.00828441800000
C6B2H2S2P4L1M2J1E2A1,ROC,CL5Q,12,4,9,12,590,12,40,MEPDG,0.01931451000000,0.00029962400000
C6B2H2S2P4L1M2J1E2A2,ROC,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00586286500000,0.00004493017000
C6B2H2S2P4L1M2J1E2A3,ROC,CL5Q,12,4,9,12,590,12,40,MNHVY,0.00731746200000,0.00053271790000
C6B2H2S2P4L1M2J2E1A1,ROC,CL5Q,12,4,9,12,590,15,10,MEPDG,0.30717320000000,0.00057241020000
C6B2H2S2P4L1M2J2E1A2,ROC,CL5Q,12,4,9,12,590,15,10,MNAVG,0.12012070000000,0.00011386760000
C6B2H2S2P4L1M2J2E1A3,ROC,CL5Q,12,4,9,12,590,15,10,MNHVY,0.25174210000000,0.00118419100000
C6B2H2S2P4L1M2J2E2A1,ROC,CL5Q,12,4,9,12,590,15,40,MEPDG,0.12618020000000,0.02251857000000
C6B2H2S2P4L1M2J2E2A2,ROC,CL5Q,12,4,9,12,590,15,40,MNAVG,0.05278512000000,0.00402655900000
C6B2H2S2P4L1M2J2E2A3,ROC,CL5Q,12,4,9,12,590,15,40,MNHVY,0.09981354000000,0.04351997000000
C6B2H2S2P4L1M3J1E1A1,ROC,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00211665200000,0.00010090610000
C6B2H2S2P4L1M3J1E1A2,ROC,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00049738360000,0.00001136102000
C6B2H2S2P4L1M3J1E1A3,ROC,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00051354150000,0.00014831310000
C6B2H2S2P4L1M3J1E2A1,ROC,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00057820070000,0.00007464267000
C6B2H2S2P4L1M3J1E2A2,ROC,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00015833460000,0.00000709680100
C6B2H2S2P4L1M3J1E2A3,ROC,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00014604210000,0.00009504842000
C6B2H2S2P4L1M3J2E1A1,ROC,CL5Q,12,4,9,12,840,15,10,MEPDG,0.01853613000000,0.00401569400000
C6B2H2S2P4L1M3J2E1A2,ROC,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00482916700000,0.00062416820000
C6B2H2S2P4L1M3J2E1A3,ROC,CL5Q,12,4,9,12,840,15,10,MNHVY,0.00951066400000,0.00733126600000
C6B2H2S2P4L1M3J2E2A1,ROC,CL5Q,12,4,9,12,840,15,40,MEPDG,0.00613362900000,0.00039240940000
C6B2H2S2P4L1M3J2E2A2,ROC,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00178276900000,0.00005662442000
C6B2H2S2P4L1M3J2E2A3,ROC,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00303266100000,0.00069235560000
C6B2H2S2P4L2M1J1E1A1,ROC,CL5Q,12,4,9,13,340,12,10,MEPDG,0.26854260000000,0.00019365390000
C6B2H2S2P4L2M1J1E1A2,ROC,CL5Q,12,4,9,13,340,12,10,MNAVG,0.12842700000000,0.00003783798000
C6B2H2S2P4L2M1J1E1A3,ROC,CL5Q,12,4,9,13,340,12,10,MNHVY,0.20585460000000,0.00039280310000
C6B2H2S2P4L2M1J1E2A1,ROC,CL5Q,12,4,9,13,340,12,40,MEPDG,0.26854260000000,0.00019365390000
C6B2H2S2P4L2M1J1E2A2,ROC,CL5Q,12,4,9,13,340,12,40,MNAVG,0.12842700000000,0.00003783798000
C6B2H2S2P4L2M1J1E2A3,ROC,CL5Q,12,4,9,13,340,12,40,MNHVY,0.20585460000000,0.00039280310000
C6B2H2S2P4L2M1J2E1A1,ROC,CL5Q,12,4,9,13,340,15,10,MEPDG,0.97270630000000,0.00000063214720
C6B2H2S2P4L2M1J2E1A2,ROC,CL5Q,12,4,9,13,340,15,10,MNAVG,0.62741430000000,0.00000008915940
C6B2H2S2P4L2M1J2E1A3,ROC,CL5Q,12,4,9,13,340,15,10,MNHVY,1.17927200000000,0.00000111138100
C6B2H2S2P4L2M1J2E2A1,ROC,CL5Q,12,4,9,13,340,15,40,MEPDG,0.97270630000000,0.00000063214720
C6B2H2S2P4L2M1J2E2A2,ROC,CL5Q,12,4,9,13,340,15,40,MNAVG,0.62741430000000,0.00000008915940
C6B2H2S2P4L2M1J2E2A3,ROC,CL5Q,12,4,9,13,340,15,40,MNHVY,1.17927200000000,0.00000111138100
C6B2H2S2P4L2M2J1E1A1,ROC,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00389269000000,0.00013721030000
C6B2H2S2P4L2M2J1E1A2,ROC,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00118809700000,0.00002064242000
C6B2H2S2P4L2M2J1E1A3,ROC,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00143879200000,0.00024348580000
```

```
C6B2H2S2P4L2M2J1E2A1,ROC,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00389269000000,0.00013721030000
C6B2H2S2P4L2M2J1E2A2,ROC,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00118809700000,0.00002064242000
C6B2H2S2P4L2M2J1E2A3,ROC,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00143879200000,0.00024348580000
C6B2H2S2P4L2M2J2E1A1,ROC,CL5Q,12,4,9,13,590,15,10,MEPDG,0.02887429000000,0.01066370000000
C6B2H2S2P4L2M2J2E1A2,ROC,CL5Q,12,4,9,13,590,15,10,MNAVG,0.01217074000000,0.00195712400000
C6B2H2S2P4L2M2J2E1A3,ROC,CL5Q,12,4,9,13,590,15,10,MNHVY,0.02266512000000,0.02076904000000
C6B2H2S2P4L2M2J2E2A1,ROC,CL5Q,12,4,9,13,590,15,40,MEPDG,0.02887429000000,0.01066370000000
C6B2H2S2P4L2M2J2E2A2,ROC,CL5Q,12,4,9,13,590,15,40,MNAVG,0.01217074000000,0.00195712400000
C6B2H2S2P4L2M2J2E2A3,ROC,CL5Q,12,4,9,13,590,15,40,MNHVY,0.02266512000000,0.02076904000000
C6B2H2S2P4L2M3J1E1A1,ROC,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00010474530000,0.00003212571000
C6B2H2S2P4L2M3J1E1A2,ROC,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00002964033000,0.00000294699700
C6B2H2S2P4L2M3J1E1A3,ROC,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00002653960000,0.00003953750000
C6B2H2S2P4L2M3J1E2A1,ROC,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00010474530000,0.00003212571000
C6B2H2S2P4L2M3J1E2A2,ROC,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00002964033000,0.00000294699700
C6B2H2S2P4L2M3J1E2A3,ROC,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00002653960000,0.00003953750000
C6B2H2S2P4L2M3J2E1A1,ROC,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00125825500000,0.00086402090000
C6B2H2S2P4L2M3J2E1A2,ROC,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00037166900000,0.00012752160000
C6B2H2S2P4L2M3J2E1A3,ROC,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00061278030000,0.00151254200000
C6B2H2S2P4L2M3J2E2A1,ROC,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00125825500000,0.00086402090000
C6B2H2S2P4L2M3J2E2A2,ROC,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00037166900000,0.00012752160000
C6B2H2S2P4L2M3J2E2A3,ROC,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00061278030000,0.00151254200000
C6B2H2S2P5L1M1J1E1A1,ROC,CL5Q,12,4,10,12,340,12,10,MEPDG,0.72964630000000,0.00258269200000
C6B2H2S2P5L1M1J1E1A2,ROC,CL5Q,12,4,10,12,340,12,10,MNAVG,0.27220930000000,0.00046487070000
C6B2H2S2P5L1M1J1E1A3,ROC,CL5Q,12,4,10,12,340,12,10,MNHVY,0.44667630000000,0.00524148900000
C6B2H2S2P5L1M1J1E2A1,ROC,CL5Q,12,4,10,12,340,12,40,MEPDG,0.30454850000000,0.00219586000000
C6B2H2S2P5L1M1J1E2A2,ROC,CL5Q,12,4,10,12,340,12,40,MNAVG,0.11737710000000,0.00039003750000
C6B2H2S2P5L1M1J1E2A3,ROC,CL5Q,12,4,10,12,340,12,40,MNHVY,0.17526090000000,0.00437253200000
C6B2H2S2P5L1M1J2E1A1,ROC,CL5Q,12,4,10,12,340,15,10,MEPDG,2.66367600000000,0.34018560000000
C6B2H2S2P5L1M1J2E1A2,ROC,CL5Q,12,4,10,12,340,15,10,MNAVG,1.37048800000000,0.06461316000000
C6B2H2S2P5L1M1J2E1A3,ROC,CL5Q,12,4,10,12,340,15,10,MNHVY,2.78023800000000,0.68767140000000
C6B2H2S2P5L1M1J2E2A1,ROC,CL5Q,12,4,10,12,340,15,40,MEPDG,1.28135900000000,0.16267350000000
C6B2H2S2P5L1M1J2E2A2,ROC,CL5Q,12,4,10,12,340,15,40,MNAVG,0.69379100000000,0.03163421000000
C6B2H2S2P5L1M1J2E2A3,ROC,CL5Q,12,4,10,12,340,15,40,MNHVY,1.31388500000000,0.32984980000000
C6B2H2S2P5L1M2J1E1A1,ROC,CL5Q,12,4,10,12,590,12,10,MEPDG,0.00915973200000,0.00061906550000
C6B2H2S2P5L1M2J1E1A2,ROC,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00213863600000,0.00008426353000
C6B2H2S2P5L1M2J1E1A3,ROC,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00248743300000,0.00108148100000
C6B2H2S2P5L1M2J1E2A1,ROC,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00273423700000,0.00042628840000
C6B2H2S2P5L1M2J1E2A2,ROC,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00073123460000,0.00005494077000
C6B2H2S2P5L1M2J1E2A3,ROC,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00074914210000,0.00070364840000
C6B2H2S2P5L1M2J2E1A1,ROC,CL5Q,12,4,10,12,590,15,10,MEPDG,0.06492861000000,0.02568315000000
C6B2H2S2P5L1M2J2E1A2,ROC,CL5Q,12,4,10,12,590,15,10,MNAVG,0.01884989000000,0.00432436000000
C6B2H2S2P5L1M2J2E1A3,ROC,CL5Q,12,4,10,12,590,15,10,MNHVY,0.03754792000000,0.04974648000000
C6B2H2S2P5L1M2J2E2A1,ROC,CL5Q,12,4,10,12,590,15,40,MEPDG,0.02336898000000,0.01392659000000
C6B2H2S2P5L1M2J2E2A2,ROC,CL5Q,12,4,10,12,590,15,40,MNAVG,0.00747790300000,0.00230145200000
C6B2H2S2P5L1M2J2E2A3,ROC,CL5Q,12,4,10,12,590,15,40,MNHVY,0.01299291000000,0.02645814000000
C6B2H2S2P5L1M3J1E1A1,ROC,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00024472530000,0.00007480288000
C6B2H2S2P5L1M3J1E1A2,ROC,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00005375890000,0.00000668349700
C6B2H2S2P5L1M3J1E1A3,ROC,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00004478933000,0.00009510217000
C6B2H2S2P5L1M3J1E2A1,ROC,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00005535148000,0.00005281921000
C6B2H2S2P5L1M3J1E2A2,ROC,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00001506217000,0.00000407663000
```

```
C6B2H2S2P5L1M3J1E2A3,ROC,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00001125688000,0.00005787017000
C6B2H2S2P5L1M3J2E1A1,ROC,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00242272800000,0.00061253570000
C6B2H2S2P5L1M3J2E1A2,ROC,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00048797430000,0.00008426794000
C6B2H2S2P5L1M3J2E1A3,ROC,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00077477170000,0.00107361100000
C6B2H2S2P5L1M3J2E2A1,ROC,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00068165460000,0.00042180050000
C6B2H2S2P5L1M3J2E2A2,ROC,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00016157120000,0.00005306362000
C6B2H2S2P5L1M3J2E2A3,ROC,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00021743680000,0.00068719360000
C6B2H2S2P5L2M1J1E1A1,ROC,CL5Q,12,4,10,13,340,12,10,MEPDG,0.06689820000000,0.00122561300000
C6B2H2S2P5L2M1J1E1A2,ROC,CL5Q,12,4,10,13,340,12,10,MNAVG,0.02545027000000,0.00021973700000
C6B2H2S2P5L2M1J1E1A3,ROC,CL5Q,12,4,10,13,340,12,10,MNHVY,0.03720981000000,0.00245076700000
C6B2H2S2P5L2M1J1E2A1,ROC,CL5Q,12,4,10,13,340,12,40,MEPDG,0.06689820000000,0.00122561300000
C6B2H2S2P5L2M1J1E2A2,ROC,CL5Q,12,4,10,13,340,12,40,MNAVG,0.02545027000000,0.00021973700000
C6B2H2S2P5L2M1J1E2A3,ROC,CL5Q,12,4,10,13,340,12,40,MNHVY,0.03720981000000,0.00245076700000
C6B2H2S2P5L2M1J2E1A1,ROC,CL5Q,12,4,10,13,340,15,10,MEPDG,0.31725880000000,0.08644238000000
C6B2H2S2P5L2M1J2E1A2,ROC,CL5Q,12,4,10,13,340,15,10,MNAVG,0.17263460000000,0.01722969000000
C6B2H2S2P5L2M1J2E1A3,ROC,CL5Q,12,4,10,13,340,15,10,MNHVY,0.32324610000000,0.17612950000000
C6B2H2S2P5L2M1J2E2A1,ROC,CL5Q,12,4,10,13,340,15,40,MEPDG,0.31725880000000,0.08644238000000
C6B2H2S2P5L2M1J2E2A2,ROC,CL5Q,12,4,10,13,340,15,40,MNAVG,0.17263460000000,0.01722969000000
C6B2H2S2P5L2M1J2E2A3,ROC,CL5Q,12,4,10,13,340,15,40,MNHVY,0.32324610000000,0.17612950000000
C6B2H2S2P5L2M2J1E1A1,ROC,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00051378040000,0.00019460200000
C6B2H2S2P5L2M2J1E1A2,ROC,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00014153940000,0.00002501160000
C6B2H2S2P5L2M2J1E1A3,ROC,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00013968880000,0.00032012990000
C6B2H2S2P5L2M2J1E2A1,ROC,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00051378040000,0.00019460200000
C6B2H2S2P5L2M2J1E2A2,ROC,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00014153940000,0.00002501160000
C6B2H2S2P5L2M2J1E2A3,ROC,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00013968880000,0.00032012990000
C6B2H2S2P5L2M2J2E1A1,ROC,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00498764000000,0.00671497400000
C6B2H2S2P5L2M2J2E1A2,ROC,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00161718900000,0.00113761600000
C6B2H2S2P5L2M2J2E1A3,ROC,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00272784900000,0.01288717000000
C6B2H2S2P5L2M2J2E2A1,ROC,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00498764000000,0.00671497400000
C6B2H2S2P5L2M2J2E2A2,ROC,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00161718900000,0.00113761600000
C6B2H2S2P5L2M2J2E2A3,ROC,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00272784900000,0.01288717000000
C6B2H2S2P5L2M3J1E1A1,ROC,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00000922540300,0.00002267084000
C6B2H2S2P5L2M3J1E1A2,ROC,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000264371700,0.00000168087300
C6B2H2S2P5L2M3J1E1A3,ROC,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000191114900,0.00002387871000
C6B2H2S2P5L2M3J1E2A1,ROC,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00000922540300,0.00002267084000
C6B2H2S2P5L2M3J1E2A2,ROC,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000264371700,0.00000168087300
C6B2H2S2P5L2M3J1E2A3,ROC,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000191114900,0.00002387871000
C6B2H2S2P5L2M3J2E1A1,ROC,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00012891190000,0.00021174460000
C6B2H2S2P5L2M3J2E1A2,ROC,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00003161744000,0.00002631574000
C6B2H2S2P5L2M3J2E1A3,ROC,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00004102224000,0.00034022110000
C6B2H2S2P5L2M3J2E2A1,ROC,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00012891190000,0.00021174460000
C6B2H2S2P5L2M3J2E2A2,ROC,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00003161744000,0.00002631574000
C6B2H2S2P5L2M3J2E2A3,ROC,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00004102224000,0.00034022110000
C6B2H2S2P6L1M1J1E1A1,ROC,CL5Q,12,4,11,12,340,12,10,MEPDG,0.19452060000000,0.00732392200000
C6B2H2S2P6L1M1J1E1A2,ROC,CL5Q,12,4,11,12,340,12,10,MNAVG,0.05616649000000,0.00116811000000
C6B2H2S2P6L1M1J1E1A3,ROC,CL5Q,12,4,11,12,340,12,10,MNHVY,0.08410493000000,0.01433393000000
C6B2H2S2P6L1M1J1E2A1,ROC,CL5Q,12,4,11,12,340,12,40,MEPDG,0.07233334000000,0.00513082300000
C6B2H2S2P6L1M1J1E2A2,ROC,CL5Q,12,4,11,12,340,12,40,MNAVG,0.02228595000000,0.00081184680000
C6B2H2S2P6L1M1J1E2A3,ROC,CL5Q,12,4,11,12,340,12,40,MNHVY,0.02958681000000,0.00986388600000
C6B2H2S2P6L1M1J2E1A1,ROC,CL5Q,12,4,11,12,340,15,10,MEPDG,0.88838830000000,0.01493607000000
```

```
C6B2H2S2P6L1M1J2E1A2,ROC,CL5Q,12,4,11,12,340,15,10,MNAVG,0.36653220000000,0.00295286300000
C6B2H2S2P6L1M1J2E1A3,ROC,CL5Q,12,4,11,12,340,15,10,MNHVY,0.75108930000000,0.03132216000000
C6B2H2S2P6L1M1J2E2A1,ROC,CL5Q,12,4,11,12,340,15,40,MEPDG,0.38846790000000,0.17095640000000
C6B2H2S2P6L1M1J2E2A2,ROC,CL5Q,12,4,11,12,340,15,40,MNAVG,0.17188280000000,0.03040717000000
C6B2H2S2P6L1M1J2E2A3,ROC,CL5Q,12,4,11,12,340,15,40,MNHVY,0.32057910000000,0.33913210000000
C6B2H2S2P6L1M2J1E1A1,ROC,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00152926900000,0.00060811580000
C6B2H2S2P6L1M2J1E1A2,ROC,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00032403600000,0.00006725152000
C6B2H2S2P6L1M2J1E1A3,ROC,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00031325910000,0.00094677770000
C6B2H2S2P6L1M2J1E2A1,ROC,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00039706940000,0.00041588190000
C6B2H2S2P6L1M2J1E2A2,ROC,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00010188470000,0.00004363271000
C6B2H2S2P6L1M2J1E2A3,ROC,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00008767402000,0.00061071470000
C6B2H2S2P6L1M2J2E1A1,ROC,CL5Q,12,4,11,12,590,15,10,MEPDG,0.01163266000000,0.01337864000000
C6B2H2S2P6L1M2J2E1A2,ROC,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00258487700000,0.00200792600000
C6B2H2S2P6L1M2J2E1A3,ROC,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00440448300000,0.02502220000000
C6B2H2S2P6L1M2J2E2A1,ROC,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00366985000000,0.00225171500000
C6B2H2S2P6L1M2J2E2A2,ROC,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00093646270000,0.00034973460000
C6B2H2S2P6L1M2J2E2A3,ROC,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00136488900000,0.00426773700000
C6B2H2S2P6L1M3J1E1A1,ROC,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00003043468000,0.00004474112000
C6B2H2S2P6L1M3J1E1A2,ROC,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000606158300,0.00000330539600
C6B2H2S2P6L1M3J1E1A3,ROC,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000441544500,0.00004967025000
C6B2H2S2P6L1M3J1E2A1,ROC,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000595144500,0.00003371308000
C6B2H2S2P6L1M3J1E2A2,ROC,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000154405000,0.00000218816600
C6B2H2S2P6L1M3J1E2A3,ROC,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000101610900,0.00003262120000
C6B2H2S2P6L1M3J2E1A1,ROC,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00026272890000,0.00065523280000
C6B2H2S2P6L1M3J2E1A2,ROC,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00004544524000,0.00007546952000
C6B2H2S2P6L1M3J2E1A3,ROC,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00005404740000,0.00103768800000
C6B2H2S2P6L1M3J2E2A1,ROC,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00006279290000,0.00031130410000
C6B2H2S2P6L1M3J2E2A2,ROC,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00001353365000,0.00003333879000
C6B2H2S2P6L1M3J2E2A3,ROC,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00001388871000,0.00045916390000
C6B2H2S2P6L2M1J1E1A1,ROC,CL5Q,12,4,11,13,340,12,10,MEPDG,0.01505239000000,0.00265173900000
C6B2H2S2P6L2M1J1E1A2,ROC,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00464694800000,0.00042256490000
C6B2H2S2P6L2M1J1E1A3,ROC,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00596847100000,0.00511845900000
C6B2H2S2P6L2M1J1E2A1,ROC,CL5Q,12,4,11,13,340,12,40,MEPDG,0.01505239000000,0.00265173900000
C6B2H2S2P6L2M1J1E2A2,ROC,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00464694800000,0.00042256490000
C6B2H2S2P6L2M1J1E2A3,ROC,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00596847100000,0.00511845900000
C6B2H2S2P6L2M1J2E1A1,ROC,CL5Q,12,4,11,13,340,15,10,MEPDG,0.09143003000000,0.09013846000000
C6B2H2S2P6L2M1J2E1A2,ROC,CL5Q,12,4,11,13,340,15,10,MNAVG,0.04076235000000,0.01644068000000
C6B2H2S2P6L2M1J2E1A3,ROC,CL5Q,12,4,11,13,340,15,10,MNHVY,0.07460574000000,0.18015890000000
C6B2H2S2P6L2M1J2E2A1,ROC,CL5Q,12,4,11,13,340,15,40,MEPDG,0.09143003000000,0.09013846000000
C6B2H2S2P6L2M1J2E2A2,ROC,CL5Q,12,4,11,13,340,15,40,MNAVG,0.04076235000000,0.01644068000000
C6B2H2S2P6L2M1J2E2A3,ROC,CL5Q,12,4,11,13,340,15,40,MNHVY,0.07460574000000,0.18015890000000
C6B2H2S2P6L2M2J1E1A1,ROC,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00007001277000,0.00019080540000
C6B2H2S2P6L2M2J1E1A2,ROC,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00001884700000,0.00001992250000
C6B2H2S2P6L2M2J1E1A3,ROC,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00001561847000,0.00027869210000
C6B2H2S2P6L2M2J1E2A1,ROC,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00007001277000,0.00019080540000
C6B2H2S2P6L2M2J1E2A2,ROC,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00001884700000,0.00001992250000
C6B2H2S2P6L2M2J1E2A3,ROC,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00001561847000,0.00027869210000
C6B2H2S2P6L2M2J2E1A1,ROC,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00072940540000,0.00123716700000
C6B2H2S2P6L2M2J2E1A2,ROC,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00019139630000,0.00019356260000
C6B2H2S2P6L2M2J2E1A3,ROC,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00026777090000,0.00234969400000
```

```
C6B2H2S2P6L2M2J2E2A1,ROC,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00072940540000,0.00123716700000
C6B2H2S2P6L2M2J2E2A2,ROC,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00019139630000,0.00019356260000
C6B2H2S2P6L2M2J2E2A3,ROC,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00026777090000,0.00234969400000
C6B2H2S2P6L2M3J1E1A1,ROC,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000093589800,0.00001360324000
C6B2H2S2P6L2M3J1E1A2,ROC,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000025919710,0.00000085204470
C6B2H2S2P6L2M3J1E1A3,ROC,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000016545070,0.00001267920000
C6B2H2S2P6L2M3J1E2A1,ROC,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000093589800,0.00001360324000
C6B2H2S2P6L2M3J1E2A2,ROC,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000025919710,0.00000085204470
C6B2H2S2P6L2M3J1E2A3,ROC,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000016545070,0.00001267920000
C6B2H2S2P6L2M3J2E1A1,ROC,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00001108136000,0.00015774210000
C6B2H2S2P6L2M3J2E1A2,ROC,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000251679600,0.00001661654000
C6B2H2S2P6L2M3J2E1A3,ROC,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000249803000,0.00022881200000
C6B2H2S2P6L2M3J2E2A1,ROC,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00001108136000,0.00015774210000
C6B2H2S2P6L2M3J2E2A2,ROC,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000251679600,0.00001661654000
C6B2H2S2P6L2M3J2E2A3,ROC,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000249803000,0.00022881200000
C6B2H2S2P7L1M1J1E1A1,ROC,CL5Q,12,4,12,12,340,12,10,MEPDG,0.04895466000000,0.00979627800000
C6B2H2S2P7L1M1J1E1A2,ROC,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01149783000000,0.00137266300000
C6B2H2S2P7L1M1J1E1A3,ROC,CL5Q,12,4,12,12,340,12,10,MNHVY,0.01522332000000,0.01801330000000
C6B2H2S2P7L1M1J1E2A1,ROC,CL5Q,12,4,12,12,340,12,40,MEPDG,0.01617846000000,0.00674203800000
C6B2H2S2P7L1M1J1E2A2,ROC,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00425649700000,0.00093874850000
C6B2H2S2P7L1M1J1E2A3,ROC,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00491441100000,0.01220083000000
C6B2H2S2P7L1M1J2E1A1,ROC,CL5Q,12,4,12,12,340,15,10,MEPDG,0.25247090000000,0.20996030000000
C6B2H2S2P7L1M1J2E1A2,ROC,CL5Q,12,4,12,12,340,15,10,MNAVG,0.08027438000000,0.03454910000000
C6B2H2S2P7L1M1J2E1A3,ROC,CL5Q,12,4,12,12,340,15,10,MNHVY,0.15821890000000,0.41033440000000
C6B2H2S2P7L1M1J2E2A1,ROC,CL5Q,12,4,12,12,340,15,40,MEPDG,0.09904483000000,0.12310150000000
C6B2H2S2P7L1M1J2E2A2,ROC,CL5Q,12,4,12,12,340,15,40,MNAVG,0.03449681000000,0.02054990000000
C6B2H2S2P7L1M1J2E2A3,ROC,CL5Q,12,4,12,12,340,15,40,MNHVY,0.06019952000000,0.24002770000000
C6B2H2S2P7L1M2J1E1A1,ROC,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00026631810000,0.00041408470000
C6B2H2S2P7L1M2J1E1A2,ROC,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00005162799000,0.00003881773000
C6B2H2S2P7L1M2J1E1A3,ROC,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00004424225000,0.00057132260000
C6B2H2S2P7L1M2J1E2A1,ROC,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00005996913000,0.00028882680000
C6B2H2S2P7L1M2J1E2A2,ROC,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00001478652000,0.00002580780000
C6B2H2S2P7L1M2J1E2A3,ROC,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00001125053000,0.00037839690000
C6B2H2S2P7L1M2J2E1A1,ROC,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00178566800000,0.00290836900000
C6B2H2S2P7L1M2J2E1A2,ROC,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00032799220000,0.00040198020000
C6B2H2S2P7L1M2J2E1A3,ROC,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00044233670000,0.00529767200000
C6B2H2S2P7L1M2J2E2A1,ROC,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00048631950000,0.00192065300000
C6B2H2S2P7L1M2J2E2A2,ROC,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00010815660000,0.00026286130000
C6B2H2S2P7L1M2J2E2A3,ROC,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00012419720000,0.00342795500000
C6B2H2S2P7L1M3J1E1A1,ROC,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000489685800,0.00002241321000
C6B2H2S2P7L1M3J1E1A2,ROC,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000080775540,0.00000142535500
C6B2H2S2P7L1M3J1E1A3,ROC,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000056038770,0.00002169553000
C6B2H2S2P7L1M3J1E2A1,ROC,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000089156440,0.00001660458000
C6B2H2S2P7L1M3J1E2A2,ROC,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000019826070,0.00000095279300
C6B2H2S2P7L1M3J1E2A3,ROC,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000012418520,0.00001441294000
C6B2H2S2P7L1M3J2E1A1,ROC,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00002606993000,0.00028504830000
C6B2H2S2P7L1M3J2E1A2,ROC,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000410988000,0.00002803336000
C6B2H2S2P7L1M3J2E1A3,ROC,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000366454300,0.00040694150000
C6B2H2S2P7L1M3J2E2A1,ROC,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00000536770300,0.00020706090000
C6B2H2S2P7L1M3J2E2A2,ROC,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000111706700,0.00001888658000
```

```
C6B2H2S2P7L1M3J2E2A3,ROC,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000087734270,0.00027303310000
C6B2H2S2P7L2M1J1E1A1,ROC,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00318971300000,0.00340673500000
C6B2H2S2P7L2M1J1E1A2,ROC,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00085861280000,0.00047830460000
C6B2H2S2P7L2M1J1E1A3,ROC,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00095084370000,0.00619221200000
C6B2H2S2P7L2M1J1E2A1,ROC,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00318971300000,0.00340673500000
C6B2H2S2P7L2M1J1E2A2,ROC,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00085861280000,0.00047830460000
C6B2H2S2P7L2M1J1E2A3,ROC,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00095084370000,0.00619221200000
C6B2H2S2P7L2M1J2E1A1,ROC,CL5Q,12,4,12,13,340,15,10,MEPDG,0.02193218000000,0.06249223000000
C6B2H2S2P7L2M1J2E1A2,ROC,CL5Q,12,4,12,13,340,15,10,MNAVG,0.00773193000000,0.01075407000000
C6B2H2S2P7L2M1J2E1A3,ROC,CL5Q,12,4,12,13,340,15,10,MNHVY,0.01309481000000,0.12348140000000
C6B2H2S2P7L2M1J2E2A1,ROC,CL5Q,12,4,12,13,340,15,40,MEPDG,0.02193218000000,0.06249223000000
C6B2H2S2P7L2M1J2E2A2,ROC,CL5Q,12,4,12,13,340,15,40,MNAVG,0.00773193000000,0.01075407000000
C6B2H2S2P7L2M1J2E2A3,ROC,CL5Q,12,4,12,13,340,15,40,MNHVY,0.01309481000000,0.12348140000000
C6B2H2S2P7L2M2J1E1A1,ROC,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00001005101000,0.00013533980000
C6B2H2S2P7L2M2J1E1A2,ROC,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000263450100,0.00001202686000
C6B2H2S2P7L2M2J1E1A3,ROC,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000193570400,0.00017620260000
C6B2H2S2P7L2M2J1E2A1,ROC,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00001005101000,0.00013533980000
C6B2H2S2P7L2M2J1E2A2,ROC,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000263450100,0.00001202686000
C6B2H2S2P7L2M2J1E2A3,ROC,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000193570400,0.00017620260000
C6B2H2S2P7L2M2J2E1A1,ROC,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00009029551000,0.00105201600000
C6B2H2S2P7L2M2J2E1A2,ROC,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00002106792000,0.00014514170000
C6B2H2S2P7L2M2J2E1A3,ROC,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00002323440000,0.00188385500000
C6B2H2S2P7L2M2J2E2A1,ROC,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00009029551000,0.00105201600000
C6B2H2S2P7L2M2J2E2A2,ROC,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00002106792000,0.00014514170000
C6B2H2S2P7L2M2J2E2A3,ROC,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00002323440000,0.00188385500000
C6B2H2S2P7L2M3J1E1A1,ROC,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000013498500,0.00000735082200
C6B2H2S2P7L2M3J1E1A2,ROC,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000003248556,0.00000041052450
C6B2H2S2P7L2M3J1E1A3,ROC,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000001967274,0.00000619699300
C6B2H2S2P7L2M3J1E2A1,ROC,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000013498500,0.00000735082200
C6B2H2S2P7L2M3J1E2A2,ROC,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000003248556,0.00000041052450
C6B2H2S2P7L2M3J1E2A3,ROC,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000001967274,0.00000619699300
C6B2H2S2P7L2M3J2E1A1,ROC,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000088304620,0.00011242440000
C6B2H2S2P7L2M3J2E1A2,ROC,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000019692820,0.00001006582000
C6B2H2S2P7L2M3J2E1A3,ROC,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000015028050,0.00014543010000
C6B2H2S2P7L2M3J2E2A1,ROC,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000088304620,0.00011242440000
C6B2H2S2P7L2M3J2E2A2,ROC,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000019692820,0.00001006582000
C6B2H2S2P7L2M3J2E2A3,ROC,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000015028050,0.00014543010000
C6B3H1S1P1L1M1J1E1A1,ROC,OGAB,4,12,6,12,340,12,10,MEPDG,163.92740000000000,2.06515300000000
C6B3H1S1P1L1M1J1E1A2,ROC,OGAB,4,12,6,12,340,12,10,MNAVG,136.63490000000000,0.25813430000000
C6B3H1S1P1L1M1J1E1A3,ROC,OGAB,4,12,6,12,340,12,10,MNHVY,240.45180000000000,3.00091300000000
C6B3H1S1P1L1M1J1E2A1,ROC,OGAB,4,12,6,12,340,12,40,MEPDG,101.37110000000000,1.19660200000000
C6B3H1S1P1L1M1J1E2A2,ROC,OGAB,4,12,6,12,340,12,40,MNAVG,79.56744000000000,0.14316310000000
C6B3H1S1P1L1M1J1E2A3,ROC,OGAB,4,12,6,12,340,12,40,MNHVY,143.83070000000000,1.68733000000000
C6B3H1S1P1L1M1J2E1A1,ROC,OGAB,4,12,6,12,340,15,10,MEPDG,195.12370000000000,1.96768100000000
C6B3H1S1P1L1M1J2E1A2,ROC,OGAB,4,12,6,12,340,15,10,MNAVG,167.10510000000000,0.34711590000000
C6B3H1S1P1L1M1J2E1A3,ROC,OGAB,4,12,6,12,340,15,10,MNHVY,297.93960000000000,3.49312900000000
C6B3H1S1P1L1M1J2E2A1,ROC,OGAB,4,12,6,12,340,15,40,MEPDG,123.27290000000000,1.14177900000000
C6B3H1S1P1L1M1J2E2A2,ROC,OGAB,4,12,6,12,340,15,40,MNAVG,100.13850000000000,0.20125230000000
C6B3H1S1P1L1M1J2E2A3,ROC,OGAB,4,12,6,12,340,15,40,MNHVY,183.54200000000000,2.02755700000000
C6B3H1S1P1L1M2J1E1A1,ROC,OGAB,4,12,6,12,590,12,10,MEPDG,11.79525000000000,0.23573610000000
```

```
C6B3H1S1P1L1M2J1E1A2,ROC,OGAB,4,12,6,12,590,12,10,MNAVG,7.51127900000000,0.02779106000000
C6B3H1S1P1L1M2J1E1A3,ROC,OGAB,4,12,6,12,590,12,10,MNHVY,12.1019600000000,0.31653730000000
C6B3H1S1P1L1M2J1E2A1,ROC,OGAB,4,12,6,12,590,12,40,MEPDG,6.21369600000000,0.12477800000000
C6B3H1S1P1L1M2J1E2A2,ROC,OGAB,4,12,6,12,590,12,40,MNAVG,3.78344400000000,0.01304734000000
C6B3H1S1P1L1M2J1E2A3,ROC,OGAB,4,12,6,12,590,12,40,MNHVY,6.02550700000000,0.15400540000000
C6B3H1S1P1L1M2J2E1A1,ROC,OGAB,4,12,6,12,590,15,10,MEPDG,18.6566300000000,0.48870720000000
C6B3H1S1P1L1M2J2E1A2,ROC,OGAB,4,12,6,12,590,15,10,MNAVG,13.2885500000000,0.08630993000000
C6B3H1S1P1L1M2J2E1A3,ROC,OGAB,4,12,6,12,590,15,10,MNHVY,22.8499600000000,0.85411150000000
C6B3H1S1P1L1M2J2E2A1,ROC,OGAB,4,12,6,12,590,15,40,MEPDG,10.4207600000000,0.25395540000000
C6B3H1S1P1L1M2J2E2A2,ROC,OGAB,4,12,6,12,590,15,40,MNAVG,7.23894200000000,0.04298545000000
C6B3H1S1P1L1M2J2E2A3,ROC,OGAB,4,12,6,12,590,15,40,MNHVY,12.4254100000000,0.43597570000000
C6B3H1S1P1L1M3J1E1A1,ROC,OGAB,4,12,6,12,840,12,10,MEPDG,1.41704500000000,0.02864663000000
C6B3H1S1P1L1M3J1E1A2,ROC,OGAB,4,12,6,12,840,12,10,MNAVG,0.67811010000000,0.00271419400000
C6B3H1S1P1L1M3J1E1A3,ROC,OGAB,4,12,6,12,840,12,10,MNHVY,1.01659000000000,0.03303586000000
C6B3H1S1P1L1M3J1E2A1,ROC,OGAB,4,12,6,12,840,12,40,MEPDG,0.64600720000000,0.01429123000000
C6B3H1S1P1L1M3J1E2A2,ROC,OGAB,4,12,6,12,840,12,40,MNAVG,0.30111410000000,0.00113770000000
C6B3H1S1P1L1M3J1E2A3,ROC,OGAB,4,12,6,12,840,12,40,MNHVY,0.43091570000000,0.01424208000000
C6B3H1S1P1L1M3J2E1A1,ROC,OGAB,4,12,6,12,840,15,10,MEPDG,3.02177500000000,0.10023590000000
C6B3H1S1P1L1M3J2E1A2,ROC,OGAB,4,12,6,12,840,15,10,MNAVG,1.79946100000000,0.01625059000000
C6B3H1S1P1L1M3J2E1A3,ROC,OGAB,4,12,6,12,840,15,10,MNHVY,3.13362100000000,0.16828240000000
C6B3H1S1P1L1M3J2E2A1,ROC,OGAB,4,12,6,12,840,15,40,MEPDG,1.50548800000000,0.04640319000000
C6B3H1S1P1L1M3J2E2A2,ROC,OGAB,4,12,6,12,840,15,40,MNAVG,0.89708170000000,0.00692505900000
C6B3H1S1P1L1M3J2E2A3,ROC,OGAB,4,12,6,12,840,15,40,MNHVY,1.51872000000000,0.07439905000000
C6B3H1S1P1L2M1J1E1A1,ROC,OGAB,4,12,6,13,340,12,10,MEPDG,25.9816600000000,0.44425180000000
C6B3H1S1P1L2M1J1E1A2,ROC,OGAB,4,12,6,13,340,12,10,MNAVG,19.5932700000000,0.05619235000000
C6B3H1S1P1L2M1J1E1A3,ROC,OGAB,4,12,6,13,340,12,10,MNHVY,35.8146800000000,0.63952210000000
C6B3H1S1P1L2M1J1E2A1,ROC,OGAB,4,12,6,13,340,12,40,MEPDG,25.9816600000000,0.44425180000000
C6B3H1S1P1L2M1J1E2A2,ROC,OGAB,4,12,6,13,340,12,40,MNAVG,19.5932700000000,0.05619235000000
C6B3H1S1P1L2M1J1E2A3,ROC,OGAB,4,12,6,13,340,12,40,MNHVY,35.8146800000000,0.63952210000000
C6B3H1S1P1L2M1J2E1A1,ROC,OGAB,4,12,6,13,340,15,10,MEPDG,32.3126000000000,0.50143390000000
C6B3H1S1P1L2M1J2E1A2,ROC,OGAB,4,12,6,13,340,15,10,MNAVG,25.4231400000000,0.09350757000000
C6B3H1S1P1L2M1J2E1A3,ROC,OGAB,4,12,6,13,340,15,10,MNHVY,47.0205300000000,0.90248840000000
C6B3H1S1P1L2M1J2E2A1,ROC,OGAB,4,12,6,13,340,15,40,MEPDG,32.3126000000000,0.50143390000000
C6B3H1S1P1L2M1J2E2A2,ROC,OGAB,4,12,6,13,340,15,40,MNAVG,25.4231400000000,0.09350757000000
C6B3H1S1P1L2M1J2E2A3,ROC,OGAB,4,12,6,13,340,15,40,MNHVY,47.0205300000000,0.90248840000000
C6B3H1S1P1L2M2J1E1A1,ROC,OGAB,4,12,6,13,590,12,10,MEPDG,1.48049300000000,0.04449650000000
C6B3H1S1P1L2M2J1E1A2,ROC,OGAB,4,12,6,13,590,12,10,MNAVG,0.86590860000000,0.00481717900000
C6B3H1S1P1L2M2J1E1A3,ROC,OGAB,4,12,6,13,590,12,10,MNHVY,1.38900300000000,0.05601629000000
C6B3H1S1P1L2M2J1E2A1,ROC,OGAB,4,12,6,13,590,12,40,MEPDG,1.48049300000000,0.04449650000000
C6B3H1S1P1L2M2J1E2A2,ROC,OGAB,4,12,6,13,590,12,40,MNAVG,0.86590860000000,0.00481717900000
C6B3H1S1P1L2M2J1E2A3,ROC,OGAB,4,12,6,13,590,12,40,MNHVY,1.38900300000000,0.05601629000000
C6B3H1S1P1L2M2J2E1A1,ROC,OGAB,4,12,6,13,590,15,10,MEPDG,2.61536800000000,0.11020880000000
C6B3H1S1P1L2M2J2E1A2,ROC,OGAB,4,12,6,13,590,15,10,MNAVG,1.78068400000000,0.01962925000000
C6B3H1S1P1L2M2J2E1A3,ROC,OGAB,4,12,6,13,590,15,10,MNHVY,3.08122300000000,0.19296060000000
C6B3H1S1P1L2M2J2E2A1,ROC,OGAB,4,12,6,13,590,15,40,MEPDG,2.61536800000000,0.11020880000000
C6B3H1S1P1L2M2J2E2A2,ROC,OGAB,4,12,6,13,590,15,40,MNAVG,1.78068400000000,0.01962925000000
C6B3H1S1P1L2M2J2E2A3,ROC,OGAB,4,12,6,13,590,15,40,MNHVY,3.08122300000000,0.19296060000000
C6B3H1S1P1L2M3J1E1A1,ROC,OGAB,4,12,6,13,840,12,10,MEPDG,0.14431530000000,0.00478302600000
C6B3H1S1P1L2M3J1E1A2,ROC,OGAB,4,12,6,13,840,12,10,MNAVG,0.06505092000000,0.00038007910000
C6B3H1S1P1L2M3J1E1A3,ROC,OGAB,4,12,6,13,840,12,10,MNHVY,0.09285630000000,0.00475702400000
```

```
C6B3H1S1P1L2M3J1E2A1,ROC,OGAB,4,12,6,13,840,12,40,MEPDG,0.14431530000000,0.00478302600000
C6B3H1S1P1L2M3J1E2A2,ROC,OGAB,4,12,6,13,840,12,40,MNAVG,0.06505092000000,0.00038007910000
C6B3H1S1P1L2M3J1E2A3,ROC,OGAB,4,12,6,13,840,12,40,MNHVY,0.09285630000000,0.00475702400000
C6B3H1S1P1L2M3J2E1A1,ROC,OGAB,4,12,6,13,840,15,10,MEPDG,0.36190570000000,0.01866435000000
C6B3H1S1P1L2M3J2E1A2,ROC,OGAB,4,12,6,13,840,15,10,MNAVG,0.21331780000000,0.00287554500000
C6B3H1S1P1L2M3J2E1A3,ROC,OGAB,4,12,6,13,840,15,10,MNHVY,0.36359400000000,0.03046527000000
C6B3H1S1P1L2M3J2E2A1,ROC,OGAB,4,12,6,13,840,15,40,MEPDG,0.36190570000000,0.01866435000000
C6B3H1S1P1L2M3J2E2A2,ROC,OGAB,4,12,6,13,840,15,40,MNAVG,0.21331780000000,0.00287554500000
C6B3H1S1P1L2M3J2E2A3,ROC,OGAB,4,12,6,13,840,15,40,MNHVY,0.36359400000000,0.03046527000000
C6B3H1S1P2L1M1J1E1A1,ROC,OGAB,4,12,7,12,340,12,10,MEPDG,58.32107000000000,1.63805400000000
C6B3H1S1P2L1M1J1E1A2,ROC,OGAB,4,12,7,12,340,12,10,MNAVG,43.31230000000000,0.23618980000000
C6B3H1S1P2L1M1J1E1A3,ROC,OGAB,4,12,7,12,340,12,10,MNHVY,74.91360000000000,2.60137300000000
C6B3H1S1P2L1M1J1E2A1,ROC,OGAB,4,12,7,12,340,12,40,MEPDG,33.43587000000000,0.93416500000000
C6B3H1S1P2L1M1J1E2A2,ROC,OGAB,4,12,7,12,340,12,40,MNAVG,23.88652000000000,0.12577670000000
C6B3H1S1P2L1M1J1E2A3,ROC,OGAB,4,12,7,12,340,12,40,MNHVY,41.20509000000000,1.41885300000000
C6B3H1S1P2L1M1J2E1A1,ROC,OGAB,4,12,7,12,340,15,10,MEPDG,86.41216000000000,2.48435400000000
C6B3H1S1P2L1M1J2E1A2,ROC,OGAB,4,12,7,12,340,15,10,MNAVG,69.22896000000000,0.47539290000000
C6B3H1S1P2L1M1J2E1A3,ROC,OGAB,4,12,7,12,340,15,10,MNHVY,124.24200000000000,4.60501100000000
C6B3H1S1P2L1M1J2E2A1,ROC,OGAB,4,12,7,12,340,15,40,MEPDG,51.99770000000000,1.44174300000000
C6B3H1S1P2L1M1J2E2A2,ROC,OGAB,4,12,7,12,340,15,40,MNAVG,40.65594000000000,0.27221630000000
C6B3H1S1P2L1M1J2E2A3,ROC,OGAB,4,12,7,12,340,15,40,MNHVY,73.14995000000000,2.65438900000000
C6B3H1S1P2L1M2J1E1A1,ROC,OGAB,4,12,7,12,590,12,10,MEPDG,2.89207400000000,0.10713600000000
C6B3H1S1P2L1M2J1E1A2,ROC,OGAB,4,12,7,12,590,12,10,MNAVG,1.43415500000000,0.01344139000000
C6B3H1S1P2L1M2J1E1A3,ROC,OGAB,4,12,7,12,590,12,10,MNHVY,2.29652400000000,0.15599150000000
C6B3H1S1P2L1M2J1E2A1,ROC,OGAB,4,12,7,12,590,12,40,MEPDG,1.34632400000000,0.05557282000000
C6B3H1S1P2L1M2J1E2A2,ROC,OGAB,4,12,7,12,590,12,40,MNAVG,0.65710970000000,0.00624152400000
C6B3H1S1P2L1M2J1E2A3,ROC,OGAB,4,12,7,12,590,12,40,MNHVY,0.99534970000000,0.07387206000000
C6B3H1S1P2L1M2J2E1A1,ROC,OGAB,4,12,7,12,590,15,10,MEPDG,6.67415000000000,0.34738810000000
C6B3H1S1P2L1M2J2E1A2,ROC,OGAB,4,12,7,12,590,15,10,MNAVG,4.11230300000000,0.06462730000000
C6B3H1S1P2L1M2J2E1A3,ROC,OGAB,4,12,7,12,590,15,10,MNHVY,7.55422900000000,0.63691500000000
C6B3H1S1P2L1M2J2E2A1,ROC,OGAB,4,12,7,12,590,15,40,MEPDG,3.41950800000000,0.17810980000000
C6B3H1S1P2L1M2J2E2A2,ROC,OGAB,4,12,7,12,590,15,40,MNAVG,2.12941600000000,0.03177281000000
C6B3H1S1P2L1M2J2E2A3,ROC,OGAB,4,12,7,12,590,15,40,MNHVY,3.77206900000000,0.31918400000000
C6B3H1S1P2L1M3J1E1A1,ROC,OGAB,4,12,7,12,840,12,10,MEPDG,0.24316860000000,0.00806778300000
C6B3H1S1P2L1M3J1E1A2,ROC,OGAB,4,12,7,12,840,12,10,MNAVG,0.08453161000000,0.00077570190000
C6B3H1S1P2L1M3J1E1A3,ROC,OGAB,4,12,7,12,840,12,10,MNHVY,0.12119410000000,0.00974561400000
C6B3H1S1P2L1M3J1E2A1,ROC,OGAB,4,12,7,12,840,12,40,MEPDG,0.09448663000000,0.00398913800000
C6B3H1S1P2L1M3J1E2A2,ROC,OGAB,4,12,7,12,840,12,40,MNAVG,0.03354679000000,0.00032349700000
C6B3H1S1P2L1M3J1E2A3,ROC,OGAB,4,12,7,12,840,12,40,MNHVY,0.04374468000000,0.00417683500000
C6B3H1S1P2L1M3J2E1A1,ROC,OGAB,4,12,7,12,840,15,10,MEPDG,0.83761390000000,0.04447898000000
C6B3H1S1P2L1M3J2E1A2,ROC,OGAB,4,12,7,12,840,15,10,MNAVG,0.39687620000000,0.00722331100000
C6B3H1S1P2L1M3J2E1A3,ROC,OGAB,4,12,7,12,840,15,10,MNHVY,0.76116040000000,0.07747449000000
C6B3H1S1P2L1M3J2E2A1,ROC,OGAB,4,12,7,12,840,15,40,MEPDG,0.36840700000000,0.02061684000000
C6B3H1S1P2L1M3J2E2A2,ROC,OGAB,4,12,7,12,840,15,40,MNAVG,0.18110730000000,0.00311678900000
C6B3H1S1P2L1M3J2E2A3,ROC,OGAB,4,12,7,12,840,15,40,MNHVY,0.32265970000000,0.03417114000000
C6B3H1S1P2L2M1J1E1A1,ROC,OGAB,4,12,7,13,340,12,10,MEPDG,8.38465400000000,0.36801320000000
C6B3H1S1P2L2M1J1E1A2,ROC,OGAB,4,12,7,13,340,12,10,MNAVG,5.77995800000000,0.05199999000000
C6B3H1S1P2L2M1J1E1A3,ROC,OGAB,4,12,7,13,340,12,10,MNHVY,10.02372000000000,0.57115290000000
C6B3H1S1P2L2M1J1E2A1,ROC,OGAB,4,12,7,13,340,12,40,MEPDG,8.38465400000000,0.36801320000000
C6B3H1S1P2L2M1J1E2A2,ROC,OGAB,4,12,7,13,340,12,40,MNAVG,5.77995800000000,0.05199999000000
```

```
C6B3H1S1P2L2M1J1E2A3,ROC,OGAB,4,12,7,13,340,12,40,MNHVY,10.02372000000000,0.57115290000000
C6B3H1S1P2L2M1J2E1A1,ROC,OGAB,4,12,7,13,340,15,10,MEPDG,13.71395000000000,0.67976460000000
C6B3H1S1P2L2M1J2E1A2,ROC,OGAB,4,12,7,13,340,15,10,MNAVG,10.52605000000000,0.13513750000000
C6B3H1S1P2L2M1J2E1A3,ROC,OGAB,4,12,7,13,340,15,10,MNHVY,18.99635000000000,1.26691500000000
C6B3H1S1P2L2M1J2E2A1,ROC,OGAB,4,12,7,13,340,15,40,MEPDG,13.71395000000000,0.67976460000000
C6B3H1S1P2L2M1J2E2A2,ROC,OGAB,4,12,7,13,340,15,40,MNAVG,10.52605000000000,0.13513750000000
C6B3H1S1P2L2M1J2E2A3,ROC,OGAB,4,12,7,13,340,15,40,MNHVY,18.99635000000000,1.26691500000000
C6B3H1S1P2L2M2J1E1A1,ROC,OGAB,4,12,7,13,590,12,10,MEPDG,0.30647550000000,0.02049513000000
C6B3H1S1P2L2M2J1E1A2,ROC,OGAB,4,12,7,13,590,12,10,MNAVG,0.14496950000000,0.00236560100000
C6B3H1S1P2L2M2J1E1A3,ROC,OGAB,4,12,7,13,590,12,10,MNHVY,0.21824740000000,0.02772024000000
C6B3H1S1P2L2M2J1E2A1,ROC,OGAB,4,12,7,13,590,12,40,MEPDG,0.30647550000000,0.02049513000000
C6B3H1S1P2L2M2J1E2A2,ROC,OGAB,4,12,7,13,590,12,40,MNAVG,0.14496950000000,0.00236560100000
C6B3H1S1P2L2M2J1E2A3,ROC,OGAB,4,12,7,13,590,12,40,MNHVY,0.21824740000000,0.02772024000000
C6B3H1S1P2L2M2J2E1A1,ROC,OGAB,4,12,7,13,590,15,10,MEPDG,0.84735270000000,0.07957308000000
C6B3H1S1P2L2M2J2E1A2,ROC,OGAB,4,12,7,13,590,15,10,MNAVG,0.52419780000000,0.01467555000000
C6B3H1S1P2L2M2J2E1A3,ROC,OGAB,4,12,7,13,590,15,10,MNHVY,0.92897930000000,0.14488130000000
C6B3H1S1P2L2M2J2E2A1,ROC,OGAB,4,12,7,13,590,15,40,MEPDG,0.84735270000000,0.07957308000000
C6B3H1S1P2L2M2J2E2A2,ROC,OGAB,4,12,7,13,590,15,40,MNAVG,0.52419780000000,0.01467555000000
C6B3H1S1P2L2M2J2E2A3,ROC,OGAB,4,12,7,13,590,15,40,MNHVY,0.92897930000000,0.14488130000000
C6B3H1S1P2L2M3J1E1A1,ROC,OGAB,4,12,7,13,840,12,10,MEPDG,0.01980042000000,0.00137381400000
C6B3H1S1P2L2M3J1E1A2,ROC,OGAB,4,12,7,13,840,12,10,MNAVG,0.00693155500000,0.00011147550000
C6B3H1S1P2L2M3J1E1A3,ROC,OGAB,4,12,7,13,840,12,10,MNHVY,0.00884324100000,0.00143358000000
C6B3H1S1P2L2M3J1E2A1,ROC,OGAB,4,12,7,13,840,12,40,MEPDG,0.01980042000000,0.00137381400000
C6B3H1S1P2L2M3J1E2A2,ROC,OGAB,4,12,7,13,840,12,40,MNAVG,0.00693155500000,0.00011147550000
C6B3H1S1P2L2M3J1E2A3,ROC,OGAB,4,12,7,13,840,12,40,MNHVY,0.00884324100000,0.00143358000000
C6B3H1S1P2L2M3J2E1A1,ROC,OGAB,4,12,7,13,840,15,10,MEPDG,0.08534624000000,0.00850177600000
C6B3H1S1P2L2M3J2E1A2,ROC,OGAB,4,12,7,13,840,15,10,MNAVG,0.04186796000000,0.00130606400000
C6B3H1S1P2L2M3J2E1A3,ROC,OGAB,4,12,7,13,840,15,10,MNHVY,0.07426187000000,0.01426881000000
C6B3H1S1P2L2M3J2E2A1,ROC,OGAB,4,12,7,13,840,15,40,MEPDG,0.08534624000000,0.00850177600000
C6B3H1S1P2L2M3J2E2A2,ROC,OGAB,4,12,7,13,840,15,40,MNAVG,0.04186796000000,0.00130606400000
C6B3H1S1P2L2M3J2E2A3,ROC,OGAB,4,12,7,13,840,15,40,MNHVY,0.07426187000000,0.01426881000000
C6B3H1S1P3L1M1J1E1A1,ROC,OGAB,4,12,8,12,340,12,10,MEPDG,18.49394000000000,1.16523700000000
C6B3H1S1P3L1M1J1E1A2,ROC,OGAB,4,12,8,12,340,12,10,MNAVG,11.35787000000000,0.18126430000000
C6B3H1S1P3L1M1J1E1A3,ROC,OGAB,4,12,8,12,340,12,10,MNHVY,19.41975000000000,1.99025500000000
C6B3H1S1P3L1M1J1E2A1,ROC,OGAB,4,12,8,12,340,12,40,MEPDG,9.61449100000000,0.65350600000000
C6B3H1S1P3L1M1J1E2A2,ROC,OGAB,4,12,8,12,340,12,40,MNAVG,5.78462300000000,0.09563100000000
C6B3H1S1P3L1M1J1E2A3,ROC,OGAB,4,12,8,12,340,12,40,MNHVY,9.52557800000000,1.06468900000000
C6B3H1S1P3L1M1J2E1A1,ROC,OGAB,4,12,8,12,340,15,10,MEPDG,35.32507000000000,2.46013600000000
C6B3H1S1P3L1M1J2E1A2,ROC,OGAB,4,12,8,12,340,15,10,MNAVG,25.05033000000000,0.49533920000000
C6B3H1S1P3L1M1J2E1A3,ROC,OGAB,4,12,8,12,340,15,10,MNHVY,46.29334000000000,4.73935000000000
C6B3H1S1P3L1M1J2E2A1,ROC,OGAB,4,12,8,12,340,15,40,MEPDG,19.80855000000000,1.41677400000000
C6B3H1S1P3L1M1J2E2A2,ROC,OGAB,4,12,8,12,340,15,40,MNAVG,14.05313000000000,0.28032630000000
C6B3H1S1P3L1M1J2E2A3,ROC,OGAB,4,12,8,12,340,15,40,MNHVY,25.35295000000000,2.69955800000000
C6B3H1S1P3L1M2J1E1A1,ROC,OGAB,4,12,8,12,590,12,10,MEPDG,0.56833550000000,0.04559904000000
C6B3H1S1P3L1M2J1E1A2,ROC,OGAB,4,12,8,12,590,12,10,MNAVG,0.20309380000000,0.00605198300000
C6B3H1S1P3L1M2J1E1A3,ROC,OGAB,4,12,8,12,590,12,10,MNHVY,0.30559730000000,0.07122183000000
C6B3H1S1P3L1M2J1E2A1,ROC,OGAB,4,12,8,12,590,12,40,MEPDG,0.22936380000000,0.02348345000000
C6B3H1S1P3L1M2J1E2A2,ROC,OGAB,4,12,8,12,590,12,40,MNAVG,0.08351344000000,0.00280046000000
C6B3H1S1P3L1M2J1E2A3,ROC,OGAB,4,12,8,12,590,12,40,MNHVY,0.11391220000000,0.03378621000000
C6B3H1S1P3L1M2J2E1A1,ROC,OGAB,4,12,8,12,590,15,10,MEPDG,1.86194700000000,0.21065120000000
```

```
C6B3H1S1P3L1M2J2E1A2,ROC,OGAB,4,12,8,12,590,15,10,MNAVG,0.89844820000000,0.03939429000000
C6B3H1S1P3L1M2J2E1A3,ROC,OGAB,4,12,8,12,590,15,10,MNHVY,1.73252500000000,0.40250060000000
C6B3H1S1P3L1M2J2E2A1,ROC,OGAB,4,12,8,12,590,15,40,MEPDG,0.84882410000000,0.10814840000000
C6B3H1S1P3L1M2J2E2A2,ROC,OGAB,4,12,8,12,590,15,40,MNAVG,0.42553970000000,0.01950911000000
C6B3H1S1P3L1M2J2E2A3,ROC,OGAB,4,12,8,12,590,15,40,MNHVY,0.76170680000000,0.20145510000000
C6B3H1S1P3L1M3J1E1A1,ROC,OGAB,4,12,8,12,840,12,10,MEPDG,0.03157172000000,0.00227600200000
C6B3H1S1P3L1M3J1E1A2,ROC,OGAB,4,12,8,12,840,12,10,MNAVG,0.00819900300000,0.00022690740000
C6B3H1S1P3L1M3J1E1A3,ROC,OGAB,4,12,8,12,840,12,10,MNHVY,0.00996144700000,0.00287691000000
C6B3H1S1P3L1M3J1E2A1,ROC,OGAB,4,12,8,12,840,12,40,MEPDG,0.01024734000000,0.00115620600000
C6B3H1S1P3L1M3J1E2A2,ROC,OGAB,4,12,8,12,840,12,40,MNAVG,0.00292485900000,0.00009806493000
C6B3H1S1P3L1M3J1E2A3,ROC,OGAB,4,12,8,12,840,12,40,MNHVY,0.00314930000000,0.00128087000000
C6B3H1S1P3L1M3J2E1A1,ROC,OGAB,4,12,8,12,840,15,10,MEPDG,0.15758800000000,0.01873963000000
C6B3H1S1P3L1M3J2E1A2,ROC,OGAB,4,12,8,12,840,15,10,MNAVG,0.05310293000000,0.00298173900000
C6B3H1S1P3L1M3J2E1A3,ROC,OGAB,4,12,8,12,840,15,10,MNHVY,0.10184220000000,0.03359825000000
C6B3H1S1P3L1M3J2E2A1,ROC,OGAB,4,12,8,12,840,15,40,MEPDG,0.05917517000000,0.00889005500000
C6B3H1S1P3L1M3J2E2A2,ROC,OGAB,4,12,8,12,840,15,40,MNAVG,0.02139880000000,0.00131867600000
C6B3H1S1P3L1M3J2E2A3,ROC,OGAB,4,12,8,12,840,15,40,MNHVY,0.03623148000000,0.01516887000000
C6B3H1S1P3L2M1J1E1A1,ROC,OGAB,4,12,8,13,340,12,10,MEPDG,2.31906400000000,0.26896420000000
C6B3H1S1P3L2M1J1E1A2,ROC,OGAB,4,12,8,13,340,12,10,MNAVG,1.34897900000000,0.04096108000000
C6B3H1S1P3L2M1J1E1A3,ROC,OGAB,4,12,8,13,340,12,10,MNHVY,2.21453900000000,0.44749650000000
C6B3H1S1P3L2M1J1E2A1,ROC,OGAB,4,12,8,13,340,12,40,MEPDG,2.31906400000000,0.26896420000000
C6B3H1S1P3L2M1J1E2A2,ROC,OGAB,4,12,8,13,340,12,40,MNAVG,1.34897900000000,0.04096108000000
C6B3H1S1P3L2M1J1E2A3,ROC,OGAB,4,12,8,13,340,12,40,MNHVY,2.21453900000000,0.44749650000000
C6B3H1S1P3L2M1J2E1A1,ROC,OGAB,4,12,8,13,340,15,10,MEPDG,5.14008500000000,0.69496670000000
C6B3H1S1P3L2M1J2E1A2,ROC,OGAB,4,12,8,13,340,15,10,MNAVG,3.60642300000000,0.14310810000000
C6B3H1S1P3L2M1J2E1A3,ROC,OGAB,4,12,8,13,340,15,10,MNHVY,6.49113400000000,1.33832500000000
C6B3H1S1P3L2M1J2E2A1,ROC,OGAB,4,12,8,13,340,15,40,MEPDG,5.14008500000000,0.69496670000000
C6B3H1S1P3L2M1J2E2A2,ROC,OGAB,4,12,8,13,340,15,40,MNAVG,3.60642300000000,0.14310810000000
C6B3H1S1P3L2M1J2E2A3,ROC,OGAB,4,12,8,13,340,15,40,MNHVY,6.49113400000000,1.33832500000000
C6B3H1S1P3L2M2J1E1A1,ROC,OGAB,4,12,8,13,590,12,10,MEPDG,0.04912480000000,0.00897022300000
C6B3H1S1P3L2M2J1E1A2,ROC,OGAB,4,12,8,13,590,12,10,MNAVG,0.01759184000000,0.00110130000000
C6B3H1S1P3L2M2J1E1A3,ROC,OGAB,4,12,8,13,590,12,10,MNHVY,0.02344507000000,0.01311538000000
C6B3H1S1P3L2M2J1E2A1,ROC,OGAB,4,12,8,13,590,12,40,MEPDG,0.04912480000000,0.00897022300000
C6B3H1S1P3L2M2J1E2A2,ROC,OGAB,4,12,8,13,590,12,40,MNAVG,0.01759184000000,0.00110130000000
C6B3H1S1P3L2M2J1E2A3,ROC,OGAB,4,12,8,13,590,12,40,MNHVY,0.02344507000000,0.01311538000000
C6B3H1S1P3L2M2J2E1A1,ROC,OGAB,4,12,8,13,590,15,10,MEPDG,0.20038530000000,0.04990303000000
C6B3H1S1P3L2M2J2E1A2,ROC,OGAB,4,12,8,13,590,15,10,MNAVG,0.10020280000000,0.00923894300000
C6B3H1S1P3L2M2J2E1A3,ROC,OGAB,4,12,8,13,590,15,10,MNHVY,0.17754180000000,0.09419072000000
C6B3H1S1P3L2M2J2E2A1,ROC,OGAB,4,12,8,13,590,15,40,MEPDG,0.20038530000000,0.04990303000000
C6B3H1S1P3L2M2J2E2A2,ROC,OGAB,4,12,8,13,590,15,40,MNAVG,0.10020280000000,0.00923894300000
C6B3H1S1P3L2M2J2E2A3,ROC,OGAB,4,12,8,13,590,15,40,MNHVY,0.17754180000000,0.09419072000000
C6B3H1S1P3L2M3J1E1A1,ROC,OGAB,4,12,8,13,840,12,10,MEPDG,0.00198556800000,0.00041281090000
C6B3H1S1P3L2M3J1E1A2,ROC,OGAB,4,12,8,13,840,12,10,MNAVG,0.00057614940000,0.00003502473000
C6B3H1S1P3L2M3J1E1A3,ROC,OGAB,4,12,8,13,840,12,10,MNHVY,0.00059839940000,0.00045553530000
C6B3H1S1P3L2M3J1E2A1,ROC,OGAB,4,12,8,13,840,12,40,MEPDG,0.00198556800000,0.00041281090000
C6B3H1S1P3L2M3J1E2A2,ROC,OGAB,4,12,8,13,840,12,40,MNAVG,0.00057614940000,0.00003502473000
C6B3H1S1P3L2M3J1E2A3,ROC,OGAB,4,12,8,13,840,12,40,MNHVY,0.00059839940000,0.00045553530000
C6B3H1S1P3L2M3J2E1A1,ROC,OGAB,4,12,8,13,840,15,10,MEPDG,0.01254388000000,0.00379520800000
C6B3H1S1P3L2M3J2E1A2,ROC,OGAB,4,12,8,13,840,15,10,MNAVG,0.00454008400000,0.00057347010000
C6B3H1S1P3L2M3J2E1A3,ROC,OGAB,4,12,8,13,840,15,10,MNHVY,0.00740831400000,0.00653830000000
```

```
C6B3H1S1P3L2M3J2E2A1,ROC,OGAB,4,12,8,13,840,15,40,MEPDG,0.01254388000000,0.00379520800000
C6B3H1S1P3L2M3J2E2A2,ROC,OGAB,4,12,8,13,840,15,40,MNAVG,0.00454008400000,0.00057347010000
C6B3H1S1P3L2M3J2E2A3,ROC,OGAB,4,12,8,13,840,15,40,MNHVY,0.00740831400000,0.00653830000000
C6B3H1S1P4L1M1J1E1A1,ROC,OGAB,4,12,9,12,340,12,10,MEPDG,5.42031400000000,0.69970410000000
C6B3H1S1P4L1M1J1E1A2,ROC,OGAB,4,12,9,12,340,12,10,MNAVG,2.61232000000000,0.10963320000000
C6B3H1S1P4L1M1J1E1A3,ROC,OGAB,4,12,9,12,340,12,10,MNHVY,4.38091300000000,1.24153100000000
C6B3H1S1P4L1M1J1E2A1,ROC,OGAB,4,12,9,12,340,12,40,MEPDG,2.53955700000000,0.38914620000000
C6B3H1S1P4L1M1J1E2A2,ROC,OGAB,4,12,9,12,340,12,40,MNAVG,1.22120000000000,0.05745487000000
C6B3H1S1P4L1M1J1E2A3,ROC,OGAB,4,12,9,12,340,12,40,MNHVY,1.90475800000000,0.65939850000000
C6B3H1S1P4L1M1J2E1A1,ROC,OGAB,4,12,9,12,340,15,10,MEPDG,13.41208000000000,1.91864000000000
C6B3H1S1P4L1M1J2E1A2,ROC,OGAB,4,12,9,12,340,15,10,MNAVG,8.09026200000000,0.38346320000000
C6B3H1S1P4L1M1J2E1A3,ROC,OGAB,4,12,9,12,340,15,10,MNHVY,15.50114000000000,3.78885500000000
C6B3H1S1P4L1M1J2E2A1,ROC,OGAB,4,12,9,12,340,15,40,MEPDG,6.94280400000000,1.10581300000000
C6B3H1S1P4L1M1J2E2A2,ROC,OGAB,4,12,9,12,340,15,40,MNAVG,4.28476200000000,0.21768310000000
C6B3H1S1P4L1M1J2E2A3,ROC,OGAB,4,12,9,12,340,15,40,MNHVY,7.80655600000000,2.15433700000000
C6B3H1S1P4L1M2J1E1A1,ROC,OGAB,4,12,9,12,590,12,10,MEPDG,0.09981108000000,0.01698031000000
C6B3H1S1P4L1M2J1E1A2,ROC,OGAB,4,12,9,12,590,12,10,MNAVG,0.02656553000000,0.00216887000000
C6B3H1S1P4L1M2J1E1A3,ROC,OGAB,4,12,9,12,590,12,10,MNHVY,0.03552055000000,0.02649080000000
C6B3H1S1P4L1M2J1E2A1,ROC,OGAB,4,12,9,12,590,12,40,MEPDG,0.03472872000000,0.00894382400000
C6B3H1S1P4L1M2J1E2A2,ROC,OGAB,4,12,9,12,590,12,40,MNAVG,0.00997891000000,0.00104482600000
C6B3H1S1P4L1M2J1E2A3,ROC,OGAB,4,12,9,12,590,12,40,MNHVY,0.01177323000000,0.01299372000000
C6B3H1S1P4L1M2J2E1A1,ROC,OGAB,4,12,9,12,590,15,10,MEPDG,0.44870200000000,0.10825310000000
C6B3H1S1P4L1M2J2E1A2,ROC,OGAB,4,12,9,12,590,15,10,MNAVG,0.16262370000000,0.01934389000000
C6B3H1S1P4L1M2J2E1A3,ROC,OGAB,4,12,9,12,590,15,10,MNHVY,0.31882140000000,0.20970220000000
C6B3H1S1P4L1M2J2E2A1,ROC,OGAB,4,12,9,12,590,15,40,MEPDG,0.18051130000000,0.05635405000000
C6B3H1S1P4L1M2J2E2A2,ROC,OGAB,4,12,9,12,590,15,40,MNAVG,0.06992005000000,0.00974294400000
C6B3H1S1P4L1M2J2E2A3,ROC,OGAB,4,12,9,12,590,15,40,MNHVY,0.12275060000000,0.10647870000000
C6B3H1S1P4L1M3J1E1A1,ROC,OGAB,4,12,9,12,840,12,10,MEPDG,0.00374766000000,0.00060652700000
C6B3H1S1P4L1M3J1E1A2,ROC,OGAB,4,12,9,12,840,12,10,MNAVG,0.00083910510000,0.00005560788000
C6B3H1S1P4L1M3J1E1A3,ROC,OGAB,4,12,9,12,840,12,10,MNHVY,0.00083380710000,0.00073141080000
C6B3H1S1P4L1M3J1E2A1,ROC,OGAB,4,12,9,12,840,12,40,MEPDG,0.00101322200000,0.00033950040000
C6B3H1S1P4L1M3J1E2A2,ROC,OGAB,4,12,9,12,840,12,40,MNAVG,0.00026969160000,0.00002733741000
C6B3H1S1P4L1M3J1E2A3,ROC,OGAB,4,12,9,12,840,12,40,MNHVY,0.00023735010000,0.00036596770000
C6B3H1S1P4L1M3J2E1A1,ROC,OGAB,4,12,9,12,840,15,10,MEPDG,0.02409660000000,0.00710427200000
C6B3H1S1P4L1M3J2E1A2,ROC,OGAB,4,12,9,12,840,15,10,MNAVG,0.00584962400000,0.00105562000000
C6B3H1S1P4L1M3J2E1A3,ROC,OGAB,4,12,9,12,840,15,10,MNHVY,0.01011764000000,0.01253502000000
C6B3H1S1P4L1M3J2E2A1,ROC,OGAB,4,12,9,12,840,15,40,MEPDG,0.00772353600000,0.00352067100000
C6B3H1S1P4L1M3J2E2A2,ROC,OGAB,4,12,9,12,840,15,40,MNAVG,0.00211207000000,0.00049142350000
C6B3H1S1P4L1M3J2E2A3,ROC,OGAB,4,12,9,12,840,15,40,MNHVY,0.00310896600000,0.00592971200000
C6B3H1S1P4L2M1J1E1A1,ROC,OGAB,4,12,9,13,340,12,10,MEPDG,0.58549850000000,0.16464330000000
C6B3H1S1P4L2M1J1E1A2,ROC,OGAB,4,12,9,13,340,12,10,MNAVG,0.27348700000000,0.02518385000000
C6B3H1S1P4L2M1J1E1A3,ROC,OGAB,4,12,9,13,340,12,10,MNHVY,0.42067640000000,0.28394100000000
C6B3H1S1P4L2M1J1E2A1,ROC,OGAB,4,12,9,13,340,12,40,MEPDG,0.58549850000000,0.16464330000000
C6B3H1S1P4L2M1J1E2A2,ROC,OGAB,4,12,9,13,340,12,40,MNAVG,0.27348700000000,0.02518385000000
C6B3H1S1P4L2M1J1E2A3,ROC,OGAB,4,12,9,13,340,12,40,MNHVY,0.42067640000000,0.28394100000000
C6B3H1S1P4L2M1J2E1A1,ROC,OGAB,4,12,9,13,340,15,10,MEPDG,1.74911300000000,0.55897950000000
C6B3H1S1P4L2M1J2E1A2,ROC,OGAB,4,12,9,13,340,15,10,MNAVG,1.07304500000000,0.11371440000000
C6B3H1S1P4L2M1J2E1A3,ROC,OGAB,4,12,9,13,340,15,10,MNHVY,1.93912500000000,1.10109400000000
C6B3H1S1P4L2M1J2E2A1,ROC,OGAB,4,12,9,13,340,15,40,MEPDG,1.74911300000000,0.55897950000000
C6B3H1S1P4L2M1J2E2A2,ROC,OGAB,4,12,9,13,340,15,40,MNAVG,1.07304500000000,0.11371440000000
```

```
C6B3H1S1P4L2M1J2E2A3,ROC,OGAB,4,12,9,13,340,15,40,MNHVY,1.93912500000000,1.10109400000000
C6B3H1S1P4L2M2J1E1A1,ROC,OGAB,4,12,9,13,590,12,10,MEPDG,0.00696274700000,0.00349303300000
C6B3H1S1P4L2M2J1E1A2,ROC,OGAB,4,12,9,13,590,12,10,MNAVG,0.00201898000000,0.00041753870000
C6B3H1S1P4L2M2J1E1A3,ROC,OGAB,4,12,9,13,590,12,10,MNHVY,0.00229549600000,0.00513630800000
C6B3H1S1P4L2M2J1E2A1,ROC,OGAB,4,12,9,13,590,12,40,MEPDG,0.00696274700000,0.00349303300000
C6B3H1S1P4L2M2J1E2A2,ROC,OGAB,4,12,9,13,590,12,40,MNAVG,0.00201898000000,0.00041753870000
C6B3H1S1P4L2M2J1E2A3,ROC,OGAB,4,12,9,13,590,12,40,MNHVY,0.00229549600000,0.00513630800000
C6B3H1S1P4L2M2J2E1A1,ROC,OGAB,4,12,9,13,590,15,10,MEPDG,0.04026446000000,0.02656084000000
C6B3H1S1P4L2M2J2E1A2,ROC,OGAB,4,12,9,13,590,15,10,MNAVG,0.01566803000000,0.00471445300000
C6B3H1S1P4L2M2J2E1A3,ROC,OGAB,4,12,9,13,590,15,10,MNHVY,0.02693882000000,0.05071968000000
C6B3H1S1P4L2M2J2E2A1,ROC,OGAB,4,12,9,13,590,15,40,MEPDG,0.04026446000000,0.02656084000000
C6B3H1S1P4L2M2J2E2A2,ROC,OGAB,4,12,9,13,590,15,40,MNAVG,0.01566803000000,0.00471445300000
C6B3H1S1P4L2M2J2E2A3,ROC,OGAB,4,12,9,13,590,15,40,MNHVY,0.02693882000000,0.05071968000000
C6B3H1S1P4L2M3J1E1A1,ROC,OGAB,4,12,9,13,840,12,10,MEPDG,0.00018137860000,0.00012675820000
C6B3H1S1P4L2M3J1E1A2,ROC,OGAB,4,12,9,13,840,12,10,MNAVG,0.00005040429000,0.00001014070000
C6B3H1S1P4L2M3J1E1A3,ROC,OGAB,4,12,9,13,840,12,10,MNHVY,0.00004264785000,0.00013542210000
C6B3H1S1P4L2M3J1E2A1,ROC,OGAB,4,12,9,13,840,12,40,MEPDG,0.00018137860000,0.00012675820000
C6B3H1S1P4L2M3J1E2A2,ROC,OGAB,4,12,9,13,840,12,40,MNAVG,0.00005040429000,0.00001014070000
C6B3H1S1P4L2M3J1E2A3,ROC,OGAB,4,12,9,13,840,12,40,MNHVY,0.00004264785000,0.00013542210000
C6B3H1S1P4L2M3J2E1A1,ROC,OGAB,4,12,9,13,840,15,10,MEPDG,0.00153890000000,0.00153992000000
C6B3H1S1P4L2M3J2E1A2,ROC,OGAB,4,12,9,13,840,15,10,MNAVG,0.00042998490000,0.00021855140000
C6B3H1S1P4L2M3J2E1A3,ROC,OGAB,4,12,9,13,840,15,10,MNHVY,0.00060770010000,0.00261099000000
C6B3H1S1P4L2M3J2E2A1,ROC,OGAB,4,12,9,13,840,15,40,MEPDG,0.00153890000000,0.00153992000000
C6B3H1S1P4L2M3J2E2A2,ROC,OGAB,4,12,9,13,840,15,40,MNAVG,0.00042998490000,0.00021855140000
C6B3H1S1P4L2M3J2E2A3,ROC,OGAB,4,12,9,13,840,15,40,MNHVY,0.00060770010000,0.00261099000000
C6B3H1S1P5L1M1J1E1A1,ROC,OGAB,4,12,10,12,340,12,10,MEPDG,1.47168200000000,0.37514000000000
C6B3H1S1P5L1M1J1E1A2,ROC,OGAB,4,12,10,12,340,12,10,MNAVG,0.53648600000000,0.05558897000000
C6B3H1S1P5L1M1J1E1A3,ROC,OGAB,4,12,10,12,340,12,10,MNHVY,0.86189340000000,0.66216220000000
C6B3H1S1P5L1M1J1E2A1,ROC,OGAB,4,12,10,12,340,12,40,MEPDG,0.61657040000000,0.21117140000000
C6B3H1S1P5L1M1J1E2A2,ROC,OGAB,4,12,10,12,340,12,40,MNAVG,0.22951430000000,0.02978239000000
C6B3H1S1P5L1M1J1E2A3,ROC,OGAB,4,12,10,12,340,12,40,MNHVY,0.33149390000000,0.35780580000000
C6B3H1S1P5L1M1J2E1A1,ROC,OGAB,4,12,10,12,340,15,10,MEPDG,4.61187400000000,1.29943700000000
C6B3H1S1P5L1M1J2E1A2,ROC,OGAB,4,12,10,12,340,15,10,MNAVG,2.26014100000000,0.24689620000000
C6B3H1S1P5L1M1J2E1A3,ROC,OGAB,4,12,10,12,340,15,10,MNHVY,4.44255300000000,2.59390100000000
C6B3H1S1P5L1M1J2E2A1,ROC,OGAB,4,12,10,12,340,15,40,MEPDG,2.17239300000000,0.75587030000000
C6B3H1S1P5L1M1J2E2A2,ROC,OGAB,4,12,10,12,340,15,40,MNAVG,1.11031900000000,0.14206630000000
C6B3H1S1P5L1M1J2E2A3,ROC,OGAB,4,12,10,12,340,15,40,MNHVY,2.01658300000000,1.48767400000000
C6B3H1S1P5L1M2J1E1A1,ROC,OGAB,4,12,10,12,590,12,10,MEPDG,0.01674413000000,0.00589378900000
C6B3H1S1P5L1M2J1E1A2,ROC,OGAB,4,12,10,12,590,12,10,MNAVG,0.00369027000000,0.00066201280000
C6B3H1S1P5L1M2J1E1A3,ROC,OGAB,4,12,10,12,590,12,10,MNHVY,0.00423230300000,0.00862599300000
C6B3H1S1P5L1M2J1E2A1,ROC,OGAB,4,12,10,12,590,12,40,MEPDG,0.00501730000000,0.00329244200000
C6B3H1S1P5L1M2J1E2A2,ROC,OGAB,4,12,10,12,590,12,40,MNAVG,0.00128115300000,0.00034744250000
C6B3H1S1P5L1M2J1E2A3,ROC,OGAB,4,12,10,12,590,12,40,MNHVY,0.00128322400000,0.00453882900000
C6B3H1S1P5L1M2J2E1A1,ROC,OGAB,4,12,10,12,590,15,10,MEPDG,0.09028292000000,0.04986262000000
C6B3H1S1P5L1M2J2E1A2,ROC,OGAB,4,12,10,12,590,15,10,MNAVG,0.02399375000000,0.00812963100000
C6B3H1S1P5L1M2J2E1A3,ROC,OGAB,4,12,10,12,590,15,10,MNHVY,0.04369520000000,0.09436781000000
C6B3H1S1P5L1M2J2E2A1,ROC,OGAB,4,12,10,12,590,15,40,MEPDG,0.03168780000000,0.02695307000000
C6B3H1S1P5L1M2J2E2A2,ROC,OGAB,4,12,10,12,590,15,40,MNAVG,0.00932087000000,0.00429033300000
C6B3H1S1P5L1M2J2E2A3,ROC,OGAB,4,12,10,12,590,15,40,MNHVY,0.01465133000000,0.04991408000000
C6B3H1S1P5L1M3J1E1A1,ROC,OGAB,4,12,10,12,840,12,10,MEPDG,0.00045808640000,0.00018079690000
```

```
C6B3H1S1P5L1M3J1E1A2,ROC,OGAB,4,12,10,12,840,12,10,MNAVG,0.00009387361000,0.00001434207000
C6B3H1S1P5L1M3J1E1A3,ROC,OGAB,4,12,10,12,840,12,10,MNHVY,0.00007852413000,0.00020155980000
C6B3H1S1P5L1M3J1E2A1,ROC,OGAB,4,12,10,12,840,12,40,MEPDG,0.00010462960000,0.00011022080000
C6B3H1S1P5L1M3J1E2A2,ROC,OGAB,4,12,10,12,840,12,40,MNAVG,0.00002709003000,0.00000785204200
C6B3H1S1P5L1M3J1E2A3,ROC,OGAB,4,12,10,12,840,12,40,MNHVY,0.00002018989000,0.00011011280000
C6B3H1S1P5L1M3J2E1A1,ROC,OGAB,4,12,10,12,840,15,10,MEPDG,0.00308649200000,0.00260140400000
C6B3H1S1P5L1M3J2E1A2,ROC,OGAB,4,12,10,12,840,15,10,MNAVG,0.00058967110000,0.00034438820000
C6B3H1S1P5L1M3J2E1A3,ROC,OGAB,4,12,10,12,840,15,10,MNHVY,0.00080242510000,0.00435102000000
C6B3H1S1P5L1M3J2E2A1,ROC,OGAB,4,12,10,12,840,15,40,MEPDG,0.00084198480000,0.00139010900000
C6B3H1S1P5L1M3J2E2A2,ROC,OGAB,4,12,10,12,840,15,40,MNAVG,0.00019309910000,0.00017503300000
C6B3H1S1P5L1M3J2E2A3,ROC,OGAB,4,12,10,12,840,15,40,MNHVY,0.00022194460000,0.00222725400000
C6B3H1S1P5L2M1J1E1A1,ROC,OGAB,4,12,10,13,340,12,10,MEPDG,0.13520860000000,0.09052617000000
C6B3H1S1P5L2M1J1E1A2,ROC,OGAB,4,12,10,13,340,12,10,MNAVG,0.04939800000000,0.01312615000000
C6B3H1S1P5L2M1J1E1A3,ROC,OGAB,4,12,10,13,340,12,10,MNHVY,0.06943727000000,0.15551420000000
C6B3H1S1P5L2M1J1E2A1,ROC,OGAB,4,12,10,13,340,12,40,MEPDG,0.13520860000000,0.09052617000000
C6B3H1S1P5L2M1J1E2A2,ROC,OGAB,4,12,10,13,340,12,40,MNAVG,0.04939800000000,0.01312615000000
C6B3H1S1P5L2M1J1E2A3,ROC,OGAB,4,12,10,13,340,12,40,MNHVY,0.06943727000000,0.15551420000000
C6B3H1S1P5L2M1J2E1A1,ROC,OGAB,4,12,10,13,340,15,10,MEPDG,0.52383460000000,0.38787410000000
C6B3H1S1P5L2M1J2E1A2,ROC,OGAB,4,12,10,13,340,15,10,MNAVG,0.26686990000000,0.07516347000000
C6B3H1S1P5L2M1J2E1A3,ROC,OGAB,4,12,10,13,340,15,10,MNHVY,0.47678870000000,0.77118250000000
C6B3H1S1P5L2M1J2E2A1,ROC,OGAB,4,12,10,13,340,15,40,MEPDG,0.52383460000000,0.38787410000000
C6B3H1S1P5L2M1J2E2A2,ROC,OGAB,4,12,10,13,340,15,40,MNAVG,0.26686990000000,0.07516347000000
C6B3H1S1P5L2M1J2E2A3,ROC,OGAB,4,12,10,13,340,15,40,MNHVY,0.47678870000000,0.77118250000000
C6B3H1S1P5L2M2J1E1A1,ROC,OGAB,4,12,10,13,590,12,10,MEPDG,0.00094251940000,0.00132917500000
C6B3H1S1P5L2M2J1E1A2,ROC,OGAB,4,12,10,13,590,12,10,MNAVG,0.00024950930000,0.00014268800000
C6B3H1S1P5L2M2J1E1A3,ROC,OGAB,4,12,10,13,590,12,10,MNHVY,0.00023937200000,0.00185371700000
C6B3H1S1P5L2M2J1E2A1,ROC,OGAB,4,12,10,13,590,12,40,MEPDG,0.00094251940000,0.00132917500000
C6B3H1S1P5L2M2J1E2A2,ROC,OGAB,4,12,10,13,590,12,40,MNAVG,0.00024950930000,0.00014268800000
C6B3H1S1P5L2M2J1E2A3,ROC,OGAB,4,12,10,13,590,12,40,MNHVY,0.00023937200000,0.00185371700000
C6B3H1S1P5L2M2J2E1A1,ROC,OGAB,4,12,10,13,590,15,10,MEPDG,0.00659806700000,0.01284797000000
C6B3H1S1P5L2M2J2E1A2,ROC,OGAB,4,12,10,13,590,15,10,MNAVG,0.00197173200000,0.00209892300000
C6B3H1S1P5L2M2J2E1A3,ROC,OGAB,4,12,10,13,590,15,10,MNHVY,0.00298380200000,0.02404165000000
C6B3H1S1P5L2M2J2E2A1,ROC,OGAB,4,12,10,13,590,15,40,MEPDG,0.00659806700000,0.01284797000000
C6B3H1S1P5L2M2J2E2A2,ROC,OGAB,4,12,10,13,590,15,40,MNAVG,0.00197173200000,0.00209892300000
C6B3H1S1P5L2M2J2E2A3,ROC,OGAB,4,12,10,13,590,15,40,MNHVY,0.00298380200000,0.02404165000000
C6B3H1S1P5L2M3J1E1A1,ROC,OGAB,4,12,10,13,840,12,10,MEPDG,0.00001743421000,0.00004406656000
C6B3H1S1P5L2M3J1E1A2,ROC,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000479810200,0.00000310845200
C6B3H1S1P5L2M3J1E1A3,ROC,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000344364400,0.00004360803000
C6B3H1S1P5L2M3J1E2A1,ROC,OGAB,4,12,10,13,840,12,40,MEPDG,0.00001743421000,0.00004406656000
C6B3H1S1P5L2M3J1E2A2,ROC,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000479810200,0.00000310845200
C6B3H1S1P5L2M3J1E2A3,ROC,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000344364400,0.00004360803000
C6B3H1S1P5L2M3J2E1A1,ROC,OGAB,4,12,10,13,840,15,10,MEPDG,0.00015511880000,0.00062627230000
C6B3H1S1P5L2M3J2E1A2,ROC,OGAB,4,12,10,13,840,15,10,MNAVG,0.00003719536000,0.00007994739000
C6B3H1S1P5L2M3J2E1A3,ROC,OGAB,4,12,10,13,840,15,10,MNHVY,0.00004076320000,0.00100909500000
C6B3H1S1P5L2M3J2E2A1,ROC,OGAB,4,12,10,13,840,15,40,MEPDG,0.00015511880000,0.00062627230000
C6B3H1S1P5L2M3J2E2A2,ROC,OGAB,4,12,10,13,840,15,40,MNAVG,0.00003719536000,0.00007994739000
C6B3H1S1P5L2M3J2E2A3,ROC,OGAB,4,12,10,13,840,15,40,MNHVY,0.00004076320000,0.00100909500000
C6B3H1S1P6L1M1J1E1A1,ROC,OGAB,4,12,11,12,340,12,10,MEPDG,0.37653730000000,0.18571810000000
C6B3H1S1P6L1M1J1E1A2,ROC,OGAB,4,12,11,12,340,12,10,MNAVG,0.10515800000000,0.02471838000000
C6B3H1S1P6L1M1J1E1A3,ROC,OGAB,4,12,11,12,340,12,10,MNHVY,0.15754810000000,0.31429910000000
```

```
C6B3H1S1P6L1M1J1E2A1,ROC,OGAB,4,12,11,12,340,12,40,MEPDG,0.14100000000000,0.10755010000000
C6B3H1S1P6L1M1J1E2A2,ROC,OGAB,4,12,11,12,340,12,40,MNAVG,0.04177980000000,0.01383484000000
C6B3H1S1P6L1M1J1E2A3,ROC,OGAB,4,12,11,12,340,12,40,MNHVY,0.05481884000000,0.17580110000000
C6B3H1S1P6L1M1J2E1A1,ROC,OGAB,4,12,11,12,340,15,10,MEPDG,1.43932800000000,0.80238560000000
C6B3H1S1P6L1M1J2E1A2,ROC,OGAB,4,12,11,12,340,15,10,MNAVG,0.55321090000000,0.14103530000000
C6B3H1S1P6L1M1J2E1A3,ROC,OGAB,4,12,11,12,340,15,10,MNHVY,1.08992700000000,1.58553200000000
C6B3H1S1P6L1M1J2E2A1,ROC,OGAB,4,12,11,12,340,15,40,MEPDG,0.61504870000000,0.47214960000000
C6B3H1S1P6L1M1J2E2A2,ROC,OGAB,4,12,11,12,340,15,40,MNAVG,0.25174550000000,0.08252869000000
C6B3H1S1P6L1M1J2E2A3,ROC,OGAB,4,12,11,12,340,15,40,MNHVY,0.44554230000000,0.92191150000000
C6B3H1S1P6L1M2J1E1A1,ROC,OGAB,4,12,11,12,590,12,10,MEPDG,0.00291870700000,0.00219226100000
C6B3H1S1P6L1M2J1E1A2,ROC,OGAB,4,12,11,12,590,12,10,MNAVG,0.00057666090000,0.00020994390000
C6B3H1S1P6L1M2J1E1A3,ROC,OGAB,4,12,11,12,590,12,10,MNHVY,0.00057562740000,0.00294940900000
C6B3H1S1P6L1M2J1E2A1,ROC,OGAB,4,12,11,12,590,12,40,MEPDG,0.00076469160000,0.00130464600000
C6B3H1S1P6L1M2J1E2A2,ROC,OGAB,4,12,11,12,590,12,40,MNAVG,0.00018555230000,0.00012006510000
C6B3H1S1P6L1M2J1E2A3,ROC,OGAB,4,12,11,12,590,12,40,MNHVY,0.00016187510000,0.00167266000000
C6B3H1S1P6L1M2J2E1A1,ROC,OGAB,4,12,11,12,590,15,10,MEPDG,0.01612843000000,0.02229894000000
C6B3H1S1P6L1M2J2E1A2,ROC,OGAB,4,12,11,12,590,15,10,MNAVG,0.00331721000000,0.00322115300000
C6B3H1S1P6L1M2J2E1A3,ROC,OGAB,4,12,11,12,590,15,10,MNHVY,0.00513183900000,0.04024633000000
C6B3H1S1P6L1M2J2E2A1,ROC,OGAB,4,12,11,12,590,15,40,MEPDG,0.00495403100000,0.01249956000000
C6B3H1S1P6L1M2J2E2A2,ROC,OGAB,4,12,11,12,590,15,40,MNAVG,0.00118606900000,0.00178765200000
C6B3H1S1P6L1M2J2E2A3,ROC,OGAB,4,12,11,12,590,15,40,MNHVY,0.00155688400000,0.02218247000000
C6B3H1S1P6L1M3J1E1A1,ROC,OGAB,4,12,11,12,840,12,10,MEPDG,0.00006577528000,0.00006092152000
C6B3H1S1P6L1M3J1E1A2,ROC,OGAB,4,12,11,12,840,12,10,MNAVG,0.00001184673000,0.00000429683800
C6B3H1S1P6L1M3J1E1A3,ROC,OGAB,4,12,11,12,840,12,10,MNHVY,0.00000924065300,0.00006403140000
C6B3H1S1P6L1M3J1E2A1,ROC,OGAB,4,12,11,12,840,12,40,MEPDG,0.00001287512000,0.00003772960000
C6B3H1S1P6L1M3J1E2A2,ROC,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000308059700,0.00000248718200
C6B3H1S1P6L1M3J1E2A3,ROC,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000210416800,0.00003691358000
C6B3H1S1P6L1M3J2E1A1,ROC,OGAB,4,12,11,12,840,15,10,MEPDG,0.00034962040000,0.00100825800000
C6B3H1S1P6L1M3J2E1A2,ROC,OGAB,4,12,11,12,840,15,10,MNAVG,0.00005812111000,0.00011410730000
C6B3H1S1P6L1M3J2E1A3,ROC,OGAB,4,12,11,12,840,15,10,MNHVY,0.00006093004000,0.00155399500000
C6B3H1S1P6L1M3J2E2A1,ROC,OGAB,4,12,11,12,840,15,40,MEPDG,0.00008181621000,0.00058346240000
C6B3H1S1P6L1M3J2E2A2,ROC,OGAB,4,12,11,12,840,15,40,MNAVG,0.00001735325000,0.00006384191000
C6B3H1S1P6L1M3J2E2A3,ROC,OGAB,4,12,11,12,840,15,40,MNHVY,0.00001568283000,0.00086371900000
C6B3H1S1P6L2M1J1E1A1,ROC,OGAB,4,12,11,13,340,12,10,MEPDG,0.02939592000000,0.04696554000000
C6B3H1S1P6L2M1J1E1A2,ROC,OGAB,4,12,11,13,340,12,10,MNAVG,0.00871480500000,0.00616140300000
C6B3H1S1P6L2M1J1E1A3,ROC,OGAB,4,12,11,13,340,12,10,MNHVY,0.01099696000000,0.07769228000000
C6B3H1S1P6L2M1J1E2A1,ROC,OGAB,4,12,11,13,340,12,40,MEPDG,0.02939592000000,0.04696554000000
C6B3H1S1P6L2M1J1E2A2,ROC,OGAB,4,12,11,13,340,12,40,MNAVG,0.00871480500000,0.00616140300000
C6B3H1S1P6L2M1J1E2A3,ROC,OGAB,4,12,11,13,340,12,40,MNHVY,0.01099696000000,0.07769228000000
C6B3H1S1P6L2M1J2E1A1,ROC,OGAB,4,12,11,13,340,15,10,MEPDG,0.14108450000000,0.24441690000000
C6B3H1S1P6L2M1J2E1A2,ROC,OGAB,4,12,11,13,340,15,10,MNAVG,0.05782824000000,0.04396030000000
C6B3H1S1P6L2M1J2E1A3,ROC,OGAB,4,12,11,13,340,15,10,MNHVY,0.09970335000000,0.48193070000000
C6B3H1S1P6L2M1J2E2A1,ROC,OGAB,4,12,11,13,340,15,40,MEPDG,0.14108450000000,0.24441690000000
C6B3H1S1P6L2M1J2E2A2,ROC,OGAB,4,12,11,13,340,15,40,MNAVG,0.05782824000000,0.04396030000000
C6B3H1S1P6L2M1J2E2A3,ROC,OGAB,4,12,11,13,340,15,40,MNHVY,0.09970335000000,0.48193070000000
C6B3H1S1P6L2M2J1E1A1,ROC,OGAB,4,12,11,13,590,12,10,MEPDG,0.00013560190000,0.00054576380000
C6B3H1S1P6L2M2J1E1A2,ROC,OGAB,4,12,11,13,590,12,10,MNAVG,0.00003475370000,0.00005098995000
C6B3H1S1P6L2M2J1E1A3,ROC,OGAB,4,12,11,13,590,12,10,MNHVY,0.00002903489000,0.00070834150000
C6B3H1S1P6L2M2J1E2A1,ROC,OGAB,4,12,11,13,590,12,40,MEPDG,0.00013560190000,0.00054576380000
C6B3H1S1P6L2M2J1E2A2,ROC,OGAB,4,12,11,13,590,12,40,MNAVG,0.00003475370000,0.00005098995000
```

```
C6B3H1S1P6L2M2J1E2A3,ROC,OGAB,4,12,11,13,590,12,40,MNHVY,0.00002903489000,0.00070834150000
C6B3H1S1P6L2M2J2E1A1,ROC,OGAB,4,12,11,13,590,15,10,MEPDG,0.00096584220000,0.00606152300000
C6B3H1S1P6L2M2J2E1A2,ROC,OGAB,4,12,11,13,590,15,10,MNAVG,0.00023960850000,0.00088674160000
C6B3H1S1P6L2M2J2E1A3,ROC,OGAB,4,12,11,13,590,15,10,MNHVY,0.00030033770000,0.01088450000000
C6B3H1S1P6L2M2J2E2A1,ROC,OGAB,4,12,11,13,590,15,40,MEPDG,0.00096584220000,0.00606152300000
C6B3H1S1P6L2M2J2E2A2,ROC,OGAB,4,12,11,13,590,15,40,MNAVG,0.00023960850000,0.00088674160000
C6B3H1S1P6L2M2J2E2A3,ROC,OGAB,4,12,11,13,590,15,40,MNHVY,0.00030033770000,0.01088450000000
C6B3H1S1P6L2M3J1E1A1,ROC,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000204293000,0.00001519313000
C6B3H1S1P6L2M3J1E1A2,ROC,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000052638720,0.00000097190380
C6B3H1S1P6L2M3J1E1A3,ROC,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000034690050,0.00001439812000
C6B3H1S1P6L2M3J1E2A1,ROC,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000204293000,0.00001519313000
C6B3H1S1P6L2M3J1E2A2,ROC,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000052638720,0.00000097190380
C6B3H1S1P6L2M3J1E2A3,ROC,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000034690050,0.00001439812000
C6B3H1S1P6L2M3J2E1A1,ROC,OGAB,4,12,11,13,840,15,10,MEPDG,0.00001403679000,0.00027460520000
C6B3H1S1P6L2M3J2E1A2,ROC,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000317469600,0.00003019953000
C6B3H1S1P6L2M3J2E1A3,ROC,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000275005800,0.00040718510000
C6B3H1S1P6L2M3J2E2A1,ROC,OGAB,4,12,11,13,840,15,40,MEPDG,0.00001403679000,0.00027460520000
C6B3H1S1P6L2M3J2E2A2,ROC,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000317469600,0.00003019953000
C6B3H1S1P6L2M3J2E2A3,ROC,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000275005800,0.00040718510000
C6B3H1S1P7L1M1J1E1A1,ROC,OGAB,4,12,12,12,340,12,10,MEPDG,0.09612799000000,0.08979098000000
C6B3H1S1P7L1M1J1E1A2,ROC,OGAB,4,12,12,12,340,12,10,MNAVG,0.02174818000000,0.01047383000000
C6B3H1S1P7L1M1J1E1A3,ROC,OGAB,4,12,12,12,340,12,10,MNHVY,0.02997705000000,0.14156020000000
C6B3H1S1P7L1M1J1E2A1,ROC,OGAB,4,12,12,12,340,12,40,MEPDG,0.03230401000000,0.05382332000000
C6B3H1S1P7L1M1J1E2A2,ROC,OGAB,4,12,12,12,340,12,40,MNAVG,0.00817343500000,0.00616389800000
C6B3H1S1P7L1M1J1E2A3,ROC,OGAB,4,12,12,12,340,12,40,MNHVY,0.00968645000000,0.08257262000000
C6B3H1S1P7L1M1J2E1A1,ROC,OGAB,4,12,12,12,340,15,10,MEPDG,0.40861290000000,0.46607230000000
C6B3H1S1P7L1M1J2E1A2,ROC,OGAB,4,12,12,12,340,15,10,MNAVG,0.11960160000000,0.07486351000000
C6B3H1S1P7L1M1J2E1A3,ROC,OGAB,4,12,12,12,340,15,10,MNHVY,0.22644850000000,0.89270330000000
C6B3H1S1P7L1M1J2E2A1,ROC,OGAB,4,12,12,12,340,15,40,MEPDG,0.15676710000000,0.27974080000000
C6B3H1S1P7L1M1J2E2A2,ROC,OGAB,4,12,12,12,340,15,40,MNAVG,0.05009495000000,0.04499886000000
C6B3H1S1P7L1M1J2E2A3,ROC,OGAB,4,12,12,12,340,15,40,MNHVY,0.08267060000000,0.53102320000000
C6B3H1S1P7L1M2J1E1A1,ROC,OGAB,4,12,12,12,590,12,10,MEPDG,0.00055655760000,0.00086975380000
C6B3H1S1P7L1M2J1E1A2,ROC,OGAB,4,12,12,12,590,12,10,MNAVG,0.00009842891000,0.00007280887000
C6B3H1S1P7L1M2J1E1A3,ROC,OGAB,4,12,12,12,590,12,10,MNHVY,0.00009026784000,0.00106783800000
C6B3H1S1P7L1M2J1E2A1,ROC,OGAB,4,12,12,12,590,12,40,MEPDG,0.00012987300000,0.00056002800000
C6B3H1S1P7L1M2J1E2A2,ROC,OGAB,4,12,12,12,590,12,40,MNAVG,0.00002953332000,0.00004567832000
C6B3H1S1P7L1M2J1E2A3,ROC,OGAB,4,12,12,12,590,12,40,MNHVY,0.00002360238000,0.00066527430000
C6B3H1S1P7L1M2J2E1A1,ROC,OGAB,4,12,12,12,590,15,10,MEPDG,0.00258578000000,0.00992497300000
C6B3H1S1P7L1M2J2E1A2,ROC,OGAB,4,12,12,12,590,15,10,MNAVG,0.00044550150000,0.00126053300000
C6B3H1S1P7L1M2J2E1A3,ROC,OGAB,4,12,12,12,590,15,10,MNHVY,0.00055091210000,0.01676847000000
C6B3H1S1P7L1M2J2E2A1,ROC,OGAB,4,12,12,12,590,15,40,MEPDG,0.00069172410000,0.00579827700000
C6B3H1S1P7L1M2J2E2A2,ROC,OGAB,4,12,12,12,590,15,40,MNAVG,0.00014708070000,0.00073815930000
C6B3H1S1P7L1M2J2E2A3,ROC,OGAB,4,12,12,12,590,15,40,MNHVY,0.00015466310000,0.00969129500000
C6B3H1S1P7L1M3J1E1A1,ROC,OGAB,4,12,12,12,840,12,10,MEPDG,0.00001121329000,0.00002486134000
C6B3H1S1P7L1M3J1E1A2,ROC,OGAB,4,12,12,12,840,12,10,MNAVG,0.00000165867600,0.00000157944300
C6B3H1S1P7L1M3J1E1A3,ROC,OGAB,4,12,12,12,840,12,10,MNHVY,0.00000123017500,0.00002398678000
C6B3H1S1P7L1M3J1E2A1,ROC,OGAB,4,12,12,12,840,12,40,MEPDG,0.00000238231900,0.00001849972000
C6B3H1S1P7L1M3J1E2A2,ROC,OGAB,4,12,12,12,840,12,40,MNAVG,0.00000045557910,0.00000107332400
C6B3H1S1P7L1M3J1E2A3,ROC,OGAB,4,12,12,12,840,12,40,MNHVY,0.00000031549460,0.00001621275000
C6B3H1S1P7L1M3J2E1A1,ROC,OGAB,4,12,12,12,840,15,10,MEPDG,0.00004236862000,0.00041205410000
```

```
C6B3H1S1P7L1M3J2E1A2,ROC,OGAB,4,12,12,12,840,15,10,MNAVG,0.00000623126200,0.00004016651000
C6B3H1S1P7L1M3J2E1A3,ROC,OGAB,4,12,12,12,840,15,10,MNHVY,0.00000549164500,0.00057691320000
C6B3H1S1P7L1M3J2E2A1,ROC,OGAB,4,12,12,12,840,15,40,MEPDG,0.00000880129800,0.00025668290000
C6B3H1S1P7L1M3J2E2A2,ROC,OGAB,4,12,12,12,840,15,40,MNAVG,0.00000173227300,0.00002416640000
C6B3H1S1P7L1M3J2E2A3,ROC,OGAB,4,12,12,12,840,15,40,MNHVY,0.00000134144100,0.00034501750000
C6B3H1S1P7L2M1J1E1A1,ROC,OGAB,4,12,12,13,340,12,10,MEPDG,0.00642052200000,0.02411151000000
C6B3H1S1P7L2M1J1E1A2,ROC,OGAB,4,12,12,13,340,12,10,MNAVG,0.00166361100000,0.00281121500000
C6B3H1S1P7L2M1J1E1A3,ROC,OGAB,4,12,12,13,340,12,10,MNHVY,0.00187963200000,0.03745569000000
C6B3H1S1P7L2M1J1E2A1,ROC,OGAB,4,12,12,13,340,12,40,MEPDG,0.00642052200000,0.02411151000000
C6B3H1S1P7L2M1J1E2A2,ROC,OGAB,4,12,12,13,340,12,40,MNAVG,0.00166361100000,0.00281121500000
C6B3H1S1P7L2M1J1E2A3,ROC,OGAB,4,12,12,13,340,12,40,MNHVY,0.00187963200000,0.03745569000000
C6B3H1S1P7L2M1J2E1A1,ROC,OGAB,4,12,12,13,340,15,10,MEPDG,0.03400882000000,0.14613070000000
C6B3H1S1P7L2M1J2E1A2,ROC,OGAB,4,12,12,13,340,15,10,MNAVG,0.01097679000000,0.02412090000000
C6B3H1S1P7L2M1J2E1A3,ROC,OGAB,4,12,12,13,340,15,10,MNHVY,0.01743137000000,0.28038990000000
C6B3H1S1P7L2M1J2E2A1,ROC,OGAB,4,12,12,13,340,15,40,MEPDG,0.03400882000000,0.14613070000000
C6B3H1S1P7L2M1J2E2A2,ROC,OGAB,4,12,12,13,340,15,40,MNAVG,0.01097679000000,0.02412090000000
C6B3H1S1P7L2M1J2E2A3,ROC,OGAB,4,12,12,13,340,15,40,MNHVY,0.01743137000000,0.28038990000000
C6B3H1S1P7L2M2J1E1A1,ROC,OGAB,4,12,12,13,590,12,10,MEPDG,0.00002197614000,0.00024623270000
C6B3H1S1P7L2M2J1E1A2,ROC,OGAB,4,12,12,13,590,12,10,MNAVG,0.00000535192800,0.00002049003000
C6B3H1S1P7L2M2J1E1A3,ROC,OGAB,4,12,12,13,590,12,10,MNHVY,0.00000409697100,0.00029796910000
C6B3H1S1P7L2M2J1E2A1,ROC,OGAB,4,12,12,13,590,12,40,MEPDG,0.00002197614000,0.00024623270000
C6B3H1S1P7L2M2J1E2A2,ROC,OGAB,4,12,12,13,590,12,40,MNAVG,0.00000535192800,0.00002049003000
C6B3H1S1P7L2M2J1E2A3,ROC,OGAB,4,12,12,13,590,12,40,MNHVY,0.00000409697100,0.00029796910000
C6B3H1S1P7L2M2J2E1A1,ROC,OGAB,4,12,12,13,590,15,10,MEPDG,0.00012590870000,0.00289685300000
C6B3H1S1P7L2M2J2E1A2,ROC,OGAB,4,12,12,13,590,15,10,MNAVG,0.00002830168000,0.00037744620000
C6B3H1S1P7L2M2J2E1A3,ROC,OGAB,4,12,12,13,590,15,10,MNHVY,0.00002836027000,0.00491403600000
C6B3H1S1P7L2M2J2E2A1,ROC,OGAB,4,12,12,13,590,15,40,MEPDG,0.00012590870000,0.00289685300000
C6B3H1S1P7L2M2J2E2A2,ROC,OGAB,4,12,12,13,590,15,40,MNAVG,0.00002830168000,0.00037744620000
C6B3H1S1P7L2M2J2E2A3,ROC,OGAB,4,12,12,13,590,15,40,MNHVY,0.00002836027000,0.00491403600000
C6B3H1S1P7L2M3J1E1A1,ROC,OGAB,4,12,12,13,840,12,10,MEPDG,0.00000036924440,0.00000855794200
C6B3H1S1P7L2M3J1E1A2,ROC,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000007652209,0.00000048589240
C6B3H1S1P7L2M3J1E1A3,ROC,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000005080776,0.00000732724500
C6B3H1S1P7L2M3J1E2A1,ROC,OGAB,4,12,12,13,840,12,40,MEPDG,0.00000036924440,0.00000855794200
C6B3H1S1P7L2M3J1E2A2,ROC,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000007652209,0.00000048589240
C6B3H1S1P7L2M3J1E2A3,ROC,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000005080776,0.00000732724500
C6B3H1S1P7L2M3J2E1A1,ROC,OGAB,4,12,12,13,840,15,10,MEPDG,0.00000143236400,0.00012458790000
C6B3H1S1P7L2M3J2E1A2,ROC,OGAB,4,12,12,13,840,15,10,MNAVG,0.00000030500780,0.00001179766000
C6B3H1S1P7L2M3J2E1A3,ROC,OGAB,4,12,12,13,840,15,10,MNHVY,0.00000022767960,0.00016795540000
C6B3H1S1P7L2M3J2E2A1,ROC,OGAB,4,12,12,13,840,15,40,MEPDG,0.00000143236400,0.00012458790000
C6B3H1S1P7L2M3J2E2A2,ROC,OGAB,4,12,12,13,840,15,40,MNAVG,0.00000030500780,0.00001179766000
C6B3H1S1P7L2M3J2E2A3,ROC,OGAB,4,12,12,13,840,15,40,MNHVY,0.00000022767960,0.00016795540000
C6B3H2S2P1L1M1J1E1A1,ROC,OGAB,12,4,6,12,340,12,10,MEPDG,55.26957000000000,0.00000000000135
C6B3H2S2P1L1M1J1E1A2,ROC,OGAB,12,4,6,12,340,12,10,MNAVG,42.99195000000000,0.00000000000005
C6B3H2S2P1L1M1J1E1A3,ROC,OGAB,12,4,6,12,340,12,10,MNHVY,74.06329000000000,0.00000000000076
C6B3H2S2P1L1M1J1E2A1,ROC,OGAB,12,4,6,12,340,12,40,MEPDG,32.93784000000000,0.00000000000050
C6B3H2S2P1L1M1J1E2A2,ROC,OGAB,12,4,6,12,340,12,40,MNAVG,24.48343000000000,0.00000000000002
C6B3H2S2P1L1M1J1E2A3,ROC,OGAB,12,4,6,12,340,12,40,MNHVY,42.99227000000000,0.00000000000033
C6B3H2S2P1L1M1J2E1A1,ROC,OGAB,12,4,6,12,340,15,10,MEPDG,70.23720000000000,0.00000000000078
C6B3H2S2P1L1M1J2E1A2,ROC,OGAB,12,4,6,12,340,15,10,MNAVG,57.27255000000000,0.00000000000006
C6B3H2S2P1L1M1J2E1A3,ROC,OGAB,12,4,6,12,340,15,10,MNHVY,100.68290000000000,0.00000000000081
```

```
C6B3H2S2P1L1M1J2E2A1,ROC,OGAB,12,4,6,12,340,15,40,MEPDG,43.1310700000000,0.00000000000035
C6B3H2S2P1L1M1J2E2A2,ROC,OGAB,12,4,6,12,340,15,40,MNAVG,33.9109800000000,0.00000000000003
C6B3H2S2P1L1M1J2E2A3,ROC,OGAB,12,4,6,12,340,15,40,MNHVY,60.8236700000000,0.00000000000042
C6B3H2S2P1L1M2J1E1A1,ROC,OGAB,12,4,6,12,590,12,10,MEPDG,6.02939700000000,0.00000000003507
C6B3H2S2P1L1M2J1E1A2,ROC,OGAB,12,4,6,12,590,12,10,MNAVG,3.79266200000000,0.00000000000201
C6B3H2S2P1L1M2J1E1A3,ROC,OGAB,12,4,6,12,590,12,10,MNHVY,6.34764200000000,0.00000000002977
C6B3H2S2P1L1M2J1E2A1,ROC,OGAB,12,4,6,12,590,12,40,MEPDG,3.15754700000000,0.00000000001445
C6B3H2S2P1L1M2J1E2A2,ROC,OGAB,12,4,6,12,590,12,40,MNAVG,1.93608000000000,0.00000000000086
C6B3H2S2P1L1M2J1E2A3,ROC,OGAB,12,4,6,12,590,12,40,MNHVY,3.21922600000000,0.00000000001259
C6B3H2S2P1L1M2J2E1A1,ROC,OGAB,12,4,6,12,590,15,10,MEPDG,10.5100700000000,0.00000000003737
C6B3H2S2P1L1M2J2E1A2,ROC,OGAB,12,4,6,12,590,15,10,MNAVG,7.57660800000000,0.00000000000356
C6B3H2S2P1L1M2J2E1A3,ROC,OGAB,12,4,6,12,590,15,10,MNHVY,13.4965100000000,0.00000000004984
C6B3H2S2P1L1M2J2E2A1,ROC,OGAB,12,4,6,12,590,15,40,MEPDG,5.96979800000000,0.00000000001307
C6B3H2S2P1L1M2J2E2A2,ROC,OGAB,12,4,6,12,590,15,40,MNAVG,4.28813000000000,0.00000000000133
C6B3H2S2P1L1M2J2E2A3,ROC,OGAB,12,4,6,12,590,15,40,MNHVY,7.65007400000000,0.00000000001819
C6B3H2S2P1L1M3J1E1A1,ROC,OGAB,12,4,6,12,840,12,10,MEPDG,0.86525380000000,0.00000000000001
C6B3H2S2P1L1M3J1E1A2,ROC,OGAB,12,4,6,12,840,12,10,MNAVG,0.41991480000000,0.00000000000000
C6B3H2S2P1L1M3J1E1A3,ROC,OGAB,12,4,6,12,840,12,10,MNHVY,0.68147740000000,0.00000000000000
C6B3H2S2P1L1M3J1E2A1,ROC,OGAB,12,4,6,12,840,12,40,MEPDG,0.39312010000000,0.00000000000000
C6B3H2S2P1L1M3J1E2A2,ROC,OGAB,12,4,6,12,840,12,40,MNAVG,0.18888490000000,0.00000000000000
C6B3H2S2P1L1M3J1E2A3,ROC,OGAB,12,4,6,12,840,12,40,MNHVY,0.29398620000000,0.00000000000000
C6B3H2S2P1L1M3J2E1A1,ROC,OGAB,12,4,6,12,840,15,10,MEPDG,2.06996800000000,0.00000000000007
C6B3H2S2P1L1M3J2E1A2,ROC,OGAB,12,4,6,12,840,15,10,MNAVG,1.27568000000000,0.00000000000000
C6B3H2S2P1L1M3J2E1A3,ROC,OGAB,12,4,6,12,840,15,10,MNHVY,2.38319400000000,0.00000000000006
C6B3H2S2P1L1M3J2E2A1,ROC,OGAB,12,4,6,12,840,15,40,MEPDG,1.04251700000000,0.00000000000003
C6B3H2S2P1L1M3J2E2A2,ROC,OGAB,12,4,6,12,840,15,40,MNAVG,0.65132960000000,0.00000000000000
C6B3H2S2P1L1M3J2E2A3,ROC,OGAB,12,4,6,12,840,15,40,MNHVY,1.18503300000000,0.00000000000003
C6B3H2S2P1L2M1J1E1A1,ROC,OGAB,12,4,6,13,340,12,10,MEPDG,8.37652200000000,0.00000000000016
C6B3H2S2P1L2M1J1E1A2,ROC,OGAB,12,4,6,13,340,12,10,MNAVG,6.03172400000000,0.00000000000001
C6B3H2S2P1L2M1J1E1A3,ROC,OGAB,12,4,6,13,340,12,10,MNHVY,10.7139100000000,0.00000000000013
C6B3H2S2P1L2M1J1E2A1,ROC,OGAB,12,4,6,13,340,12,40,MEPDG,8.37652200000000,0.00000000000016
C6B3H2S2P1L2M1J1E2A2,ROC,OGAB,12,4,6,13,340,12,40,MNAVG,6.03172400000000,0.00000000000001
C6B3H2S2P1L2M1J1E2A3,ROC,OGAB,12,4,6,13,340,12,40,MNHVY,10.7139100000000,0.00000000000013
C6B3H2S2P1L2M1J2E1A1,ROC,OGAB,12,4,6,13,340,15,10,MEPDG,11.3271200000000,0.00000000000013
C6B3H2S2P1L2M1J2E1A2,ROC,OGAB,12,4,6,13,340,15,10,MNAVG,8.72355300000000,0.00000000000001
C6B3H2S2P1L2M1J2E1A3,ROC,OGAB,12,4,6,13,340,15,10,MNHVY,15.7809100000000,0.00000000000018
C6B3H2S2P1L2M1J2E2A1,ROC,OGAB,12,4,6,13,340,15,40,MEPDG,11.3271200000000,0.00000000000013
C6B3H2S2P1L2M1J2E2A2,ROC,OGAB,12,4,6,13,340,15,40,MNAVG,8.72355300000000,0.00000000000001
C6B3H2S2P1L2M1J2E2A3,ROC,OGAB,12,4,6,13,340,15,40,MNHVY,15.7809100000000,0.00000000000018
C6B3H2S2P1L2M2J1E1A1,ROC,OGAB,12,4,6,13,590,12,10,MEPDG,0.75855800000000,0.00000000000682
C6B3H2S2P1L2M2J1E1A2,ROC,OGAB,12,4,6,13,590,12,10,MNAVG,0.45218580000000,0.00000000000045
C6B3H2S2P1L2M2J1E1A3,ROC,OGAB,12,4,6,13,590,12,10,MNHVY,0.76009530000000,0.00000000000653
C6B3H2S2P1L2M2J1E2A1,ROC,OGAB,12,4,6,13,590,12,40,MEPDG,0.75855800000000,0.00000000000682
C6B3H2S2P1L2M2J1E2A2,ROC,OGAB,12,4,6,13,590,12,40,MNAVG,0.45218580000000,0.00000000000045
C6B3H2S2P1L2M2J1E2A3,ROC,OGAB,12,4,6,13,590,12,40,MNHVY,0.76009530000000,0.00000000000653
C6B3H2S2P1L2M2J2E1A1,ROC,OGAB,12,4,6,13,590,15,10,MEPDG,1.54704900000000,0.00000000000461
C6B3H2S2P1L2M2J2E1A2,ROC,OGAB,12,4,6,13,590,15,10,MNAVG,1.10727400000000,0.00000000000051
C6B3H2S2P1L2M2J2E1A3,ROC,OGAB,12,4,6,13,590,15,10,MNHVY,1.99532900000000,0.00000000000679
C6B3H2S2P1L2M2J2E2A1,ROC,OGAB,12,4,6,13,590,15,40,MEPDG,1.54704900000000,0.00000000000461
C6B3H2S2P1L2M2J2E2A2,ROC,OGAB,12,4,6,13,590,15,40,MNAVG,1.10727400000000,0.00000000000051
```

```
C6B3H2S2P1L2M2J2E2A3,ROC,OGAB,12,4,6,13,590,15,40,MNHVY,1.99532900000000,0.00000000000679
C6B3H2S2P1L2M3J1E1A1,ROC,OGAB,12,4,6,13,840,12,10,MEPDG,0.08699525000000,0.00000000000000
C6B3H2S2P1L2M3J1E1A2,ROC,OGAB,12,4,6,13,840,12,10,MNAVG,0.04054210000000,0.00000000000000
C6B3H2S2P1L2M3J1E1A3,ROC,OGAB,12,4,6,13,840,12,10,MNHVY,0.06238297000000,0.00000000000000
C6B3H2S2P1L2M3J1E2A1,ROC,OGAB,12,4,6,13,840,12,40,MEPDG,0.08699525000000,0.00000000000000
C6B3H2S2P1L2M3J1E2A2,ROC,OGAB,12,4,6,13,840,12,40,MNAVG,0.04054210000000,0.00000000000000
C6B3H2S2P1L2M3J1E2A3,ROC,OGAB,12,4,6,13,840,12,40,MNHVY,0.06238297000000,0.00000000000000
C6B3H2S2P1L2M3J2E1A1,ROC,OGAB,12,4,6,13,840,15,10,MEPDG,0.26473580000000,0.00000000000001
C6B3H2S2P1L2M3J2E1A2,ROC,OGAB,12,4,6,13,840,15,10,MNAVG,0.16594790000000,0.00000000000000
C6B3H2S2P1L2M3J2E1A3,ROC,OGAB,12,4,6,13,840,15,10,MNHVY,0.30873980000000,0.00000000000001
C6B3H2S2P1L2M3J2E2A1,ROC,OGAB,12,4,6,13,840,15,40,MEPDG,0.26473580000000,0.00000000000001
C6B3H2S2P1L2M3J2E2A2,ROC,OGAB,12,4,6,13,840,15,40,MNAVG,0.16594790000000,0.00000000000000
C6B3H2S2P1L2M3J2E2A3,ROC,OGAB,12,4,6,13,840,15,40,MNHVY,0.30873980000000,0.00000000000001
C6B3H2S2P2L1M1J1E1A1,ROC,OGAB,12,4,7,12,340,12,10,MEPDG,26.80725000000000,0.00000000075622
C6B3H2S2P2L1M1J1E1A2,ROC,OGAB,12,4,7,12,340,12,10,MNAVG,19.24868000000000,0.00000000003918
C6B3H2S2P2L1M1J1E1A3,ROC,OGAB,12,4,7,12,340,12,10,MNHVY,33.78379000000000,0.00000000056310
C6B3H2S2P2L1M1J1E2A1,ROC,OGAB,12,4,7,12,340,12,40,MEPDG,15.11912000000000,0.00000000040804
C6B3H2S2P2L1M1J1E2A2,ROC,OGAB,12,4,7,12,340,12,40,MNAVG,10.61503000000000,0.00000000002365
C6B3H2S2P2L1M1J1E2A3,ROC,OGAB,12,4,7,12,340,12,40,MNHVY,18.55302000000000,0.00000000033749
C6B3H2S2P2L1M1J2E1A1,ROC,OGAB,12,4,7,12,340,15,10,MEPDG,43.79662000000000,0.00000000143434
C6B3H2S2P2L1M1J2E1A2,ROC,OGAB,12,4,7,12,340,15,10,MNAVG,34.71240000000000,0.00000000013487
C6B3H2S2P2L1M1J2E1A3,ROC,OGAB,12,4,7,12,340,15,10,MNHVY,63.41272000000000,0.00000000181834
C6B3H2S2P2L1M1J2E2A1,ROC,OGAB,12,4,7,12,340,15,40,MEPDG,26.29857000000000,0.00000000069617
C6B3H2S2P2L1M1J2E2A2,ROC,OGAB,12,4,7,12,340,15,40,MNAVG,20.68277000000000,0.00000000007235
C6B3H2S2P2L1M1J2E2A3,ROC,OGAB,12,4,7,12,340,15,40,MNHVY,37.76954000000000,0.00000000094761
C6B3H2S2P2L1M2J1E1A1,ROC,OGAB,12,4,7,12,590,12,10,MEPDG,1.74122200000000,0.00000000176490
C6B3H2S2P2L1M2J1E1A2,ROC,OGAB,12,4,7,12,590,12,10,MNAVG,0.87068930000000,0.00000000016138
C6B3H2S2P2L1M2J1E1A3,ROC,OGAB,12,4,7,12,590,12,10,MNHVY,1.47448300000000,0.00000000241206
C6B3H2S2P2L1M2J1E2A1,ROC,OGAB,12,4,7,12,590,12,40,MEPDG,0.80744390000000,0.00000000097737
C6B3H2S2P2L1M2J1E2A2,ROC,OGAB,12,4,7,12,590,12,40,MNAVG,0.40355620000000,0.00000000008748
C6B3H2S2P2L1M2J1E2A3,ROC,OGAB,12,4,7,12,590,12,40,MNHVY,0.64912160000000,0.00000000129060
C6B3H2S2P2L1M2J2E1A1,ROC,OGAB,12,4,7,12,590,15,10,MEPDG,4.55989600000000,0.00000000000244
C6B3H2S2P2L1M2J2E1A2,ROC,OGAB,12,4,7,12,590,15,10,MNAVG,2.87561500000000,0.00000000000019
C6B3H2S2P2L1M2J2E1A3,ROC,OGAB,12,4,7,12,590,15,10,MNHVY,5.57009300000000,0.00000000000257
C6B3H2S2P2L1M2J2E2A1,ROC,OGAB,12,4,7,12,590,15,40,MEPDG,2.35685300000000,0.00000000000135
C6B3H2S2P2L1M2J2E2A2,ROC,OGAB,12,4,7,12,590,15,40,MNAVG,1.52015400000000,0.00000000000012
C6B3H2S2P2L1M2J2E2A3,ROC,OGAB,12,4,7,12,590,15,40,MNHVY,2.84276500000000,0.00000000000163
C6B3H2S2P2L1M3J1E1A1,ROC,OGAB,12,4,7,12,840,12,10,MEPDG,0.16700670000000,0.00000368298400
C6B3H2S2P2L1M3J1E1A2,ROC,OGAB,12,4,7,12,840,12,10,MNAVG,0.05948880000000,0.00000049235640
C6B3H2S2P2L1M3J1E1A3,ROC,OGAB,12,4,7,12,840,12,10,MNHVY,0.09252779000000,0.00000599860700
C6B3H2S2P2L1M3J1E2A1,ROC,OGAB,12,4,7,12,840,12,40,MEPDG,0.06525410000000,0.00001141534000
C6B3H2S2P2L1M3J1E2A2,ROC,OGAB,12,4,7,12,840,12,40,MNAVG,0.02391313000000,0.00000128204300
C6B3H2S2P2L1M3J1E2A3,ROC,OGAB,12,4,7,12,840,12,40,MNHVY,0.03395944000000,0.00001637340000
C6B3H2S2P2L1M3J2E1A1,ROC,OGAB,12,4,7,12,840,15,10,MEPDG,0.67838330000000,0.01308100000000
C6B3H2S2P2L1M3J2E1A2,ROC,OGAB,12,4,7,12,840,15,10,MNAVG,0.33249960000000,0.00210723200000
C6B3H2S2P2L1M3J2E1A3,ROC,OGAB,12,4,7,12,840,15,10,MNHVY,0.70107290000000,0.02282831000000
C6B3H2S2P2L1M3J2E2A1,ROC,OGAB,12,4,7,12,840,15,40,MEPDG,0.30250610000000,0.00498111800000
C6B3H2S2P2L1M3J2E2A2,ROC,OGAB,12,4,7,12,840,15,40,MNAVG,0.15505960000000,0.00076196730000
C6B3H2S2P2L1M3J2E2A3,ROC,OGAB,12,4,7,12,840,15,40,MNHVY,0.30417190000000,0.00840024100000
C6B3H2S2P2L2M1J1E1A1,ROC,OGAB,12,4,7,13,340,12,10,MEPDG,3.81721600000000,0.00000000016126
```

```
C6B3H2S2P2L2M1J1E1A2,ROC,OGAB,12,4,7,13,340,12,10,MNAVG,2.61705600000000,0.00000000001044
C6B3H2S2P2L2M1J1E1A3,ROC,OGAB,12,4,7,13,340,12,10,MNHVY,4.60421200000000,0.00000000014755
C6B3H2S2P2L2M1J1E2A1,ROC,OGAB,12,4,7,13,340,12,40,MEPDG,3.81721600000000,0.00000000016126
C6B3H2S2P2L2M1J1E2A2,ROC,OGAB,12,4,7,13,340,12,40,MNAVG,2.61705600000000,0.00000000001044
C6B3H2S2P2L2M1J1E2A3,ROC,OGAB,12,4,7,13,340,12,40,MNHVY,4.60421200000000,0.00000000014755
C6B3H2S2P2L2M1J2E1A1,ROC,OGAB,12,4,7,13,340,15,10,MEPDG,7.12641200000000,0.00000000027948
C6B3H2S2P2L2M1J2E1A2,ROC,OGAB,12,4,7,13,340,15,10,MNAVG,5.58339200000000,0.00000000003201
C6B3H2S2P2L2M1J2E1A3,ROC,OGAB,12,4,7,13,340,15,10,MNHVY,10.22483000000000,0.00000000040760
C6B3H2S2P2L2M1J2E2A1,ROC,OGAB,12,4,7,13,340,15,40,MEPDG,7.12641200000000,0.00000000027948
C6B3H2S2P2L2M1J2E2A2,ROC,OGAB,12,4,7,13,340,15,40,MNAVG,5.58339200000000,0.00000000003201
C6B3H2S2P2L2M1J2E2A3,ROC,OGAB,12,4,7,13,340,15,40,MNHVY,10.22483000000000,0.00000000040760
C6B3H2S2P2L2M2J1E1A1,ROC,OGAB,12,4,7,13,590,12,10,MEPDG,0.18700740000000,0.00000000035071
C6B3H2S2P2L2M2J1E1A2,ROC,OGAB,12,4,7,13,590,12,10,MNAVG,0.09155735000000,0.00000000003229
C6B3H2S2P2L2M2J1E1A3,ROC,OGAB,12,4,7,13,590,12,10,MNHVY,0.14793200000000,0.00000000047450
C6B3H2S2P2L2M2J1E2A1,ROC,OGAB,12,4,7,13,590,12,40,MEPDG,0.18700740000000,0.00000000035071
C6B3H2S2P2L2M2J1E2A2,ROC,OGAB,12,4,7,13,590,12,40,MNAVG,0.09155735000000,0.00000000003229
C6B3H2S2P2L2M2J1E2A3,ROC,OGAB,12,4,7,13,590,12,40,MNHVY,0.14793200000000,0.00000000047450
C6B3H2S2P2L2M2J2E1A1,ROC,OGAB,12,4,7,13,590,15,10,MEPDG,0.60131760000000,0.00000000000061
C6B3H2S2P2L2M2J2E1A2,ROC,OGAB,12,4,7,13,590,15,10,MNAVG,0.38859110000000,0.00000000000006
C6B3H2S2P2L2M2J2E1A3,ROC,OGAB,12,4,7,13,590,15,10,MNHVY,0.72921820000000,0.00000000000080
C6B3H2S2P2L2M2J2E2A1,ROC,OGAB,12,4,7,13,590,15,40,MEPDG,0.60131760000000,0.00000000000061
C6B3H2S2P2L2M2J2E2A2,ROC,OGAB,12,4,7,13,590,15,40,MNAVG,0.38859110000000,0.00000000000006
C6B3H2S2P2L2M2J2E2A3,ROC,OGAB,12,4,7,13,590,15,40,MNHVY,0.72921820000000,0.00000000000080
C6B3H2S2P2L2M3J1E1A1,ROC,OGAB,12,4,7,13,840,12,10,MEPDG,0.01381147000000,0.00000559903000
C6B3H2S2P2L2M3J1E1A2,ROC,OGAB,12,4,7,13,840,12,10,MNAVG,0.00499823900000,0.00000061444980
C6B3H2S2P2L2M3J1E1A3,ROC,OGAB,12,4,7,13,840,12,10,MNHVY,0.00698282800000,0.00000784787400
C6B3H2S2P2L2M3J1E2A1,ROC,OGAB,12,4,7,13,840,12,40,MEPDG,0.01381147000000,0.00000559903000
C6B3H2S2P2L2M3J1E2A2,ROC,OGAB,12,4,7,13,840,12,40,MNAVG,0.00499823900000,0.00000061444980
C6B3H2S2P2L2M3J1E2A3,ROC,OGAB,12,4,7,13,840,12,40,MNHVY,0.00698282800000,0.00000784787400
C6B3H2S2P2L2M3J2E1A1,ROC,OGAB,12,4,7,13,840,15,10,MEPDG,0.07216863000000,0.00000000000151
C6B3H2S2P2L2M3J2E1A2,ROC,OGAB,12,4,7,13,840,15,10,MNAVG,0.03702904000000,0.00000000000011
C6B3H2S2P2L2M3J2E1A3,ROC,OGAB,12,4,7,13,840,15,10,MNHVY,0.07269019000000,0.00000000000155
C6B3H2S2P2L2M3J2E2A1,ROC,OGAB,12,4,7,13,840,15,40,MEPDG,0.07216863000000,0.00000000000151
C6B3H2S2P2L2M3J2E2A2,ROC,OGAB,12,4,7,13,840,15,40,MNAVG,0.03702904000000,0.00000000000011
C6B3H2S2P2L2M3J2E2A3,ROC,OGAB,12,4,7,13,840,15,40,MNHVY,0.07269019000000,0.00000000000155
C6B3H2S2P3L1M1J1E1A1,ROC,OGAB,12,4,8,12,340,12,10,MEPDG,9.86102400000000,0.00000006758390
C6B3H2S2P3L1M1J1E1A2,ROC,OGAB,12,4,8,12,340,12,10,MNAVG,5.91038800000000,0.00000000531277
C6B3H2S2P3L1M1J1E1A3,ROC,OGAB,12,4,8,12,340,12,10,MNHVY,10.40305000000000,0.00000007727959
C6B3H2S2P3L1M1J1E2A1,ROC,OGAB,12,4,8,12,340,12,40,MEPDG,5.06107600000000,0.00000004125067
C6B3H2S2P3L1M1J1E2A2,ROC,OGAB,12,4,8,12,340,12,40,MNAVG,3.01719900000000,0.00000000342100
C6B3H2S2P3L1M1J1E2A3,ROC,OGAB,12,4,8,12,340,12,40,MNHVY,5.12078200000000,0.00000004911555
C6B3H2S2P3L1M1J2E1A1,ROC,OGAB,12,4,8,12,340,15,10,MEPDG,20.86525000000000,0.00000021646960
C6B3H2S2P3L1M1J2E1A2,ROC,OGAB,12,4,8,12,340,15,10,MNAVG,14.78392000000000,0.00000002679587
C6B3H2S2P3L1M1J2E1A3,ROC,OGAB,12,4,8,12,340,15,10,MNHVY,28.11147000000000,0.00000035129120
C6B3H2S2P3L1M1J2E2A1,ROC,OGAB,12,4,8,12,340,15,40,MEPDG,11.74851000000000,0.00000018520720
C6B3H2S2P3L1M1J2E2A2,ROC,OGAB,12,4,8,12,340,15,40,MNAVG,8.44708600000000,0.00000002450882
C6B3H2S2P3L1M1J2E2A3,ROC,OGAB,12,4,8,12,340,15,40,MNHVY,15.67650000000000,0.00000031123400
C6B3H2S2P3L1M2J1E1A1,ROC,OGAB,12,4,8,12,590,12,10,MEPDG,0.37619290000000,0.00478690300000
C6B3H2S2P3L1M2J1E1A2,ROC,OGAB,12,4,8,12,590,12,10,MNAVG,0.13805490000000,0.00076267330000
C6B3H2S2P3L1M2J1E1A3,ROC,OGAB,12,4,8,12,590,12,10,MNHVY,0.22034650000000,0.00860405700000
```

```
C6B3H2S2P3L1M2J1E2A1,ROC,OGAB,12,4,8,12,590,12,40,MEPDG,0.15138480000000,0.00008201483000
C6B3H2S2P3L1M2J1E2A2,ROC,OGAB,12,4,8,12,590,12,40,MNAVG,0.05717826000000,0.00001315508000
C6B3H2S2P3L1M2J1E2A3,ROC,OGAB,12,4,8,12,590,12,40,MNHVY,0.08289062000000,0.00014909840000
C6B3H2S2P3L1M2J2E1A1,ROC,OGAB,12,4,8,12,590,15,10,MEPDG,1.43480800000000,0.06373002000000
C6B3H2S2P3L1M2J2E1A2,ROC,OGAB,12,4,8,12,590,15,10,MNAVG,0.71829970000000,0.01191199000000
C6B3H2S2P3L1M2J2E1A3,ROC,OGAB,12,4,8,12,590,15,10,MNHVY,1.48494200000000,0.12276410000000
C6B3H2S2P3L1M2J2E2A1,ROC,OGAB,12,4,8,12,590,15,40,MEPDG,0.66202880000000,0.00614266900000
C6B3H2S2P3L1M2J2E2A2,ROC,OGAB,12,4,8,12,590,15,40,MNAVG,0.34744740000000,0.00121190000000
C6B3H2S2P3L1M2J2E2A3,ROC,OGAB,12,4,8,12,590,15,40,MNHVY,0.66857500000000,0.01223544000000
C6B3H2S2P3L1M3J1E1A1,ROC,OGAB,12,4,8,12,840,12,10,MEPDG,0.02316504000000,0.00007188120000
C6B3H2S2P3L1M3J1E1A2,ROC,OGAB,12,4,8,12,840,12,10,MNAVG,0.00615186100000,0.00000912373600
C6B3H2S2P3L1M3J1E1A3,ROC,OGAB,12,4,8,12,840,12,10,MNHVY,0.00806083100000,0.00011323930000
C6B3H2S2P3L1M3J1E2A1,ROC,OGAB,12,4,8,12,840,12,40,MEPDG,0.00753824200000,0.00006047681000
C6B3H2S2P3L1M3J1E2A2,ROC,OGAB,12,4,8,12,840,12,40,MNAVG,0.00219129600000,0.00000644716500
C6B3H2S2P3L1M3J1E2A3,ROC,OGAB,12,4,8,12,840,12,40,MNHVY,0.00252834200000,0.00008356388000
C6B3H2S2P3L1M3J2E1A1,ROC,OGAB,12,4,8,12,840,15,10,MEPDG,0.13828160000000,0.00796066000000
C6B3H2S2P3L1M3J2E1A2,ROC,OGAB,12,4,8,12,840,15,10,MNAVG,0.04860497000000,0.00128744700000
C6B3H2S2P3L1M3J2E1A3,ROC,OGAB,12,4,8,12,840,15,10,MNHVY,0.10409750000000,0.01443291000000
C6B3H2S2P3L1M3J2E2A1,ROC,OGAB,12,4,8,12,840,15,40,MEPDG,0.05318638000000,0.00402335800000
C6B3H2S2P3L1M3J2E2A2,ROC,OGAB,12,4,8,12,840,15,40,MNAVG,0.02017041000000,0.00061111150000
C6B3H2S2P3L1M3J2E2A3,ROC,OGAB,12,4,8,12,840,15,40,MNHVY,0.03836958000000,0.00698142900000
C6B3H2S2P3L2M1J1E1A1,ROC,OGAB,12,4,8,13,340,12,10,MEPDG,1.22623200000000,0.00000001488744
C6B3H2S2P3L2M1J1E1A2,ROC,OGAB,12,4,8,13,340,12,10,MNAVG,0.71385190000000,0.00000000128774
C6B3H2S2P3L2M1J1E1A3,ROC,OGAB,12,4,8,13,340,12,10,MNHVY,1.21014500000000,0.00000001832155
C6B3H2S2P3L2M1J1E2A1,ROC,OGAB,12,4,8,13,340,12,40,MEPDG,1.22623200000000,0.00000001488744
C6B3H2S2P3L2M1J1E2A2,ROC,OGAB,12,4,8,13,340,12,40,MNAVG,0.71385190000000,0.00000000128774
C6B3H2S2P3L2M1J1E2A3,ROC,OGAB,12,4,8,13,340,12,40,MNHVY,1.21014500000000,0.00000001832155
C6B3H2S2P3L2M1J2E1A1,ROC,OGAB,12,4,8,13,340,15,10,MEPDG,3.12954100000000,0.00000008506275
C6B3H2S2P3L2M1J2E1A2,ROC,OGAB,12,4,8,13,340,15,10,MNAVG,2.25211500000000,0.00000001185545
C6B3H2S2P3L2M1J2E1A3,ROC,OGAB,12,4,8,13,340,15,10,MNHVY,4.17336100000000,0.00000014736680
C6B3H2S2P3L2M1J2E2A1,ROC,OGAB,12,4,8,13,340,15,40,MEPDG,3.12954100000000,0.00000008506275
C6B3H2S2P3L2M1J2E2A2,ROC,OGAB,12,4,8,13,340,15,40,MNAVG,2.25211500000000,0.00000001185545
C6B3H2S2P3L2M1J2E2A3,ROC,OGAB,12,4,8,13,340,15,40,MNHVY,4.17336100000000,0.00000014736680
C6B3H2S2P3L2M2J1E1A1,ROC,OGAB,12,4,8,13,590,12,10,MEPDG,0.03261380000000,0.00003898172000
C6B3H2S2P3L2M2J1E1A2,ROC,OGAB,12,4,8,13,590,12,10,MNAVG,0.01216273000000,0.00000631077800
C6B3H2S2P3L2M2J1E1A3,ROC,OGAB,12,4,8,13,590,12,10,MNHVY,0.01728985000000,0.00007083144000
C6B3H2S2P3L2M2J1E2A1,ROC,OGAB,12,4,8,13,590,12,40,MEPDG,0.03261380000000,0.00003898172000
C6B3H2S2P3L2M2J1E2A2,ROC,OGAB,12,4,8,13,590,12,40,MNAVG,0.01216273000000,0.00000631077800
C6B3H2S2P3L2M2J1E2A3,ROC,OGAB,12,4,8,13,590,12,40,MNHVY,0.01728985000000,0.00007083144000
C6B3H2S2P3L2M2J2E1A1,ROC,OGAB,12,4,8,13,590,15,10,MEPDG,0.16072710000000,0.00000014098240
C6B3H2S2P3L2M2J2E1A2,ROC,OGAB,12,4,8,13,590,15,10,MNAVG,0.08463060000000,0.00000002190942
C6B3H2S2P3L2M2J2E1A3,ROC,OGAB,12,4,8,13,590,15,10,MNHVY,0.16205310000000,0.00000027028370
C6B3H2S2P3L2M2J2E2A1,ROC,OGAB,12,4,8,13,590,15,40,MEPDG,0.16072710000000,0.00000014098240
C6B3H2S2P3L2M2J2E2A2,ROC,OGAB,12,4,8,13,590,15,40,MNAVG,0.08463060000000,0.00000002190942
C6B3H2S2P3L2M2J2E2A3,ROC,OGAB,12,4,8,13,590,15,40,MNHVY,0.16205310000000,0.00000027028370
C6B3H2S2P3L2M3J1E1A1,ROC,OGAB,12,4,8,13,840,12,10,MEPDG,0.00147003100000,0.00002640292000
C6B3H2S2P3L2M3J1E1A2,ROC,OGAB,12,4,8,13,840,12,10,MNAVG,0.00043285360000,0.00000274096500
C6B3H2S2P3L2M3J1E1A3,ROC,OGAB,12,4,8,13,840,12,10,MNHVY,0.00048179410000,0.00003551746000
C6B3H2S2P3L2M3J1E2A1,ROC,OGAB,12,4,8,13,840,12,40,MEPDG,0.00147003100000,0.00002640292000
C6B3H2S2P3L2M3J1E2A2,ROC,OGAB,12,4,8,13,840,12,40,MNAVG,0.00043285360000,0.00000274096500
```

```
C6B3H2S2P3L2M3J1E2A3,ROC,OGAB,12,4,8,13,840,12,40,MNHVY,0.00048179410000,0.00003551746000
C6B3H2S2P3L2M3J2E1A1,ROC,OGAB,12,4,8,13,840,15,10,MEPDG,0.01173654000000,0.00008693233000
C6B3H2S2P3L2M3J2E1A2,ROC,OGAB,12,4,8,13,840,15,10,MNAVG,0.00447398100000,0.00001363978000
C6B3H2S2P3L2M3J2E1A3,ROC,OGAB,12,4,8,13,840,15,10,MNHVY,0.00835866100000,0.00015814220000
C6B3H2S2P3L2M3J2E2A1,ROC,OGAB,12,4,8,13,840,15,40,MEPDG,0.01173654000000,0.00008693233000
C6B3H2S2P3L2M3J2E2A2,ROC,OGAB,12,4,8,13,840,15,40,MNAVG,0.00447398100000,0.00001363978000
C6B3H2S2P3L2M3J2E2A3,ROC,OGAB,12,4,8,13,840,15,40,MNHVY,0.00835866100000,0.00015814220000
C6B3H2S2P4L1M1J1E1A1,ROC,OGAB,12,4,9,12,340,12,10,MEPDG,3.26636700000000,0.00005025909000
C6B3H2S2P4L1M1J1E1A2,ROC,OGAB,12,4,9,12,340,12,10,MNAVG,1.56086100000000,0.00000972387000
C6B3H2S2P4L1M1J1E1A3,ROC,OGAB,12,4,9,12,340,12,10,MNHVY,2.72128600000000,0.00010206110000
C6B3H2S2P4L1M1J1E2A1,ROC,OGAB,12,4,9,12,340,12,40,MEPDG,1.51870100000000,0.00012106660000
C6B3H2S2P4L1M1J1E2A2,ROC,OGAB,12,4,9,12,340,12,40,MNAVG,0.73500490000000,0.00002306795000
C6B3H2S2P4L1M1J1E2A3,ROC,OGAB,12,4,9,12,340,12,40,MNHVY,1.19600700000000,0.00024287630000
C6B3H2S2P4L1M1J2E1A1,ROC,OGAB,12,4,9,12,340,15,10,MEPDG,9.04029300000000,0.00000568053700
C6B3H2S2P4L1M1J2E1A2,ROC,OGAB,12,4,9,12,340,15,10,MNAVG,5.53107900000000,0.00000081412710
C6B3H2S2P4L1M1J2E1A3,ROC,OGAB,12,4,9,12,340,15,10,MNHVY,11.01027000000000,0.00001035419000
C6B3H2S2P4L1M1J2E2A1,ROC,OGAB,12,4,9,12,340,15,40,MEPDG,4.72141100000000,0.00000311301200
C6B3H2S2P4L1M1J2E2A2,ROC,OGAB,12,4,9,12,340,15,40,MNAVG,2.99140900000000,0.00000045939540
C6B3H2S2P4L1M1J2E2A3,ROC,OGAB,12,4,9,12,340,15,40,MNHVY,5.67198800000000,0.00000570346000
C6B3H2S2P4L1M2J1E1A1,ROC,OGAB,12,4,9,12,590,12,10,MEPDG,0.07221962000000,0.00041678040000
C6B3H2S2P4L1M2J1E1A2,ROC,OGAB,12,4,9,12,590,12,10,MNAVG,0.01986383000000,0.00006622227000
C6B3H2S2P4L1M2J1E1A3,ROC,OGAB,12,4,9,12,590,12,10,MNHVY,0.02826039000000,0.00077267340000
C6B3H2S2P4L1M2J1E2A1,ROC,OGAB,12,4,9,12,590,12,40,MEPDG,0.02519029000000,0.00028774210000
C6B3H2S2P4L1M2J1E2A2,ROC,OGAB,12,4,9,12,590,12,40,MNAVG,0.00748960500000,0.00004256267000
C6B3H2S2P4L1M2J1E2A3,ROC,OGAB,12,4,9,12,590,12,40,MNHVY,0.00939987500000,0.00050563860000
C6B3H2S2P4L1M2J2E1A1,ROC,OGAB,12,4,9,12,590,15,10,MEPDG,0.37492260000000,0.04968373000000
C6B3H2S2P4L1M2J2E1A2,ROC,OGAB,12,4,9,12,590,15,10,MNAVG,0.14217870000000,0.00897994000000
C6B3H2S2P4L1M2J2E1A3,ROC,OGAB,12,4,9,12,590,15,10,MNHVY,0.29970060000000,0.09682457000000
C6B3H2S2P4L1M2J2E2A1,ROC,OGAB,12,4,9,12,590,15,40,MEPDG,0.15337420000000,0.00826540600000
C6B3H2S2P4L1M2J2E2A2,ROC,OGAB,12,4,9,12,590,15,40,MNAVG,0.06250561000000,0.00154921700000
C6B3H2S2P4L1M2J2E2A3,ROC,OGAB,12,4,9,12,590,15,40,MNHVY,0.11827100000000,0.01646537000000
C6B3H2S2P4L1M3J1E1A1,ROC,OGAB,12,4,9,12,840,12,10,MEPDG,0.00297367400000,0.00019944270000
C6B3H2S2P4L1M3J1E1A2,ROC,OGAB,12,4,9,12,840,12,10,MNAVG,0.00067201220000,0.00002100122000
C6B3H2S2P4L1M3J1E1A3,ROC,OGAB,12,4,9,12,840,12,10,MNHVY,0.00072303610000,0.00027473050000
C6B3H2S2P4L1M3J1E2A1,ROC,OGAB,12,4,9,12,840,12,40,MEPDG,0.00081577060000,0.00007152550000
C6B3H2S2P4L1M3J1E2A2,ROC,OGAB,12,4,9,12,840,12,40,MNAVG,0.00021657430000,0.00000664832100
C6B3H2S2P4L1M3J1E2A3,ROC,OGAB,12,4,9,12,840,12,40,MNHVY,0.00020575680000,0.00008915522000
C6B3H2S2P4L1M3J2E1A1,ROC,OGAB,12,4,9,12,840,15,10,MEPDG,0.02289588000000,0.00407753900000
C6B3H2S2P4L1M3J2E1A2,ROC,OGAB,12,4,9,12,840,15,10,MNAVG,0.00579571000000,0.00061372010000
C6B3H2S2P4L1M3J2E1A3,ROC,OGAB,12,4,9,12,840,15,10,MNHVY,0.01144126000000,0.00727257800000
C6B3H2S2P4L1M3J2E2A1,ROC,OGAB,12,4,9,12,840,15,40,MEPDG,0.00754843300000,0.00202345200000
C6B3H2S2P4L1M3J2E2A2,ROC,OGAB,12,4,9,12,840,15,40,MNAVG,0.00214497800000,0.00028616470000
C6B3H2S2P4L1M3J2E2A3,ROC,OGAB,12,4,9,12,840,15,40,MNHVY,0.00362646200000,0.00344613400000
C6B3H2S2P4L2M1J1E1A1,ROC,OGAB,12,4,9,13,340,12,10,MEPDG,0.35163850000000,0.00010641340000
C6B3H2S2P4L2M1J1E1A2,ROC,OGAB,12,4,9,13,340,12,10,MNAVG,0.16669830000000,0.00002061524000
C6B3H2S2P4L2M1J1E1A3,ROC,OGAB,12,4,9,13,340,12,10,MNHVY,0.26815730000000,0.00021448230000
C6B3H2S2P4L2M1J1E2A1,ROC,OGAB,12,4,9,13,340,12,40,MEPDG,0.35163850000000,0.00010641340000
C6B3H2S2P4L2M1J1E2A2,ROC,OGAB,12,4,9,13,340,12,40,MNAVG,0.16669830000000,0.00002061524000
C6B3H2S2P4L2M1J1E2A3,ROC,OGAB,12,4,9,13,340,12,40,MNHVY,0.26815730000000,0.00021448230000
C6B3H2S2P4L2M1J2E1A1,ROC,OGAB,12,4,9,13,340,15,10,MEPDG,1.22117300000000,0.00000150439600
```

```
C6B3H2S2P4L2M1J2E1A2,ROC,OGAB,12,4,9,13,340,15,10,MNAVG,0.77667120000000,0.00000022959630
C6B3H2S2P4L2M1J2E1A3,ROC,OGAB,12,4,9,13,340,15,10,MNHVY,1.46296000000000,0.00000280474500
C6B3H2S2P4L2M1J2E2A1,ROC,OGAB,12,4,9,13,340,15,40,MEPDG,1.22117300000000,0.00000150439600
C6B3H2S2P4L2M1J2E2A2,ROC,OGAB,12,4,9,13,340,15,40,MNAVG,0.77667120000000,0.00000022959630
C6B3H2S2P4L2M1J2E2A3,ROC,OGAB,12,4,9,13,340,15,40,MNHVY,1.46296000000000,0.00000280474500
C6B3H2S2P4L2M2J1E1A1,ROC,OGAB,12,4,9,13,590,12,10,MEPDG,0.00508272800000,0.00013854340000
C6B3H2S2P4L2M2J1E1A2,ROC,OGAB,12,4,9,13,590,12,10,MNAVG,0.00152307700000,0.00002056099000
C6B3H2S2P4L2M2J1E1A3,ROC,OGAB,12,4,9,13,590,12,10,MNHVY,0.00184788100000,0.00024305590000
C6B3H2S2P4L2M2J1E2A1,ROC,OGAB,12,4,9,13,590,12,40,MEPDG,0.00508272800000,0.00013854340000
C6B3H2S2P4L2M2J1E2A2,ROC,OGAB,12,4,9,13,590,12,40,MNAVG,0.00152307700000,0.00002056099000
C6B3H2S2P4L2M2J1E2A3,ROC,OGAB,12,4,9,13,590,12,40,MNHVY,0.00184788100000,0.00024305590000
C6B3H2S2P4L2M2J2E1A1,ROC,OGAB,12,4,9,13,590,15,10,MEPDG,0.03497629000000,0.00030650020000
C6B3H2S2P4L2M2J2E1A2,ROC,OGAB,12,4,9,13,590,15,10,MNAVG,0.01434230000000,0.00005944044000
C6B3H2S2P4L2M2J2E1A3,ROC,OGAB,12,4,9,13,590,15,10,MNHVY,0.02663365000000,0.00061917190000
C6B3H2S2P4L2M2J2E2A1,ROC,OGAB,12,4,9,13,590,15,40,MEPDG,0.03497629000000,0.00030650020000
C6B3H2S2P4L2M2J2E2A2,ROC,OGAB,12,4,9,13,590,15,40,MNAVG,0.01434230000000,0.00005944044000
C6B3H2S2P4L2M2J2E2A3,ROC,OGAB,12,4,9,13,590,15,40,MNHVY,0.02663365000000,0.00061917190000
C6B3H2S2P4L2M3J1E1A1,ROC,OGAB,12,4,9,13,840,12,10,MEPDG,0.00014414010000,0.00003073634000
C6B3H2S2P4L2M3J1E1A2,ROC,OGAB,12,4,9,13,840,12,10,MNAVG,0.00003988461000,0.00000276211700
C6B3H2S2P4L2M3J1E1A3,ROC,OGAB,12,4,9,13,840,12,10,MNHVY,0.00003568621000,0.00003708409000
C6B3H2S2P4L2M3J1E2A1,ROC,OGAB,12,4,9,13,840,12,40,MEPDG,0.00014414010000,0.00003073634000
C6B3H2S2P4L2M3J1E2A2,ROC,OGAB,12,4,9,13,840,12,40,MNAVG,0.00003988461000,0.00000276211700
C6B3H2S2P4L2M3J1E2A3,ROC,OGAB,12,4,9,13,840,12,40,MNHVY,0.00003568621000,0.00003708409000
C6B3H2S2P4L2M3J2E1A1,ROC,OGAB,12,4,9,13,840,15,10,MEPDG,0.00154535100000,0.00089992400000
C6B3H2S2P4L2M3J2E1A2,ROC,OGAB,12,4,9,13,840,15,10,MNAVG,0.00044740900000,0.00012938190000
C6B3H2S2P4L2M3J2E1A3,ROC,OGAB,12,4,9,13,840,15,10,MNHVY,0.00073049770000,0.00154293300000
C6B3H2S2P4L2M3J2E2A1,ROC,OGAB,12,4,9,13,840,15,40,MEPDG,0.00154535100000,0.00089992400000
C6B3H2S2P4L2M3J2E2A2,ROC,OGAB,12,4,9,13,840,15,40,MNAVG,0.00044740900000,0.00012938190000
C6B3H2S2P4L2M3J2E2A3,ROC,OGAB,12,4,9,13,840,15,40,MNHVY,0.00073049770000,0.00154293300000
C6B3H2S2P5L1M1J1E1A1,ROC,OGAB,12,4,10,12,340,12,10,MEPDG,0.95160450000000,0.00230134800000
C6B3H2S2P5L1M1J1E1A2,ROC,OGAB,12,4,10,12,340,12,10,MNAVG,0.34906150000000,0.00041252020000
C6B3H2S2P5L1M1J1E1A3,ROC,OGAB,12,4,10,12,340,12,10,MNHVY,0.58173870000000,0.00463909900000
C6B3H2S2P5L1M1J1E2A1,ROC,OGAB,12,4,10,12,340,12,40,MEPDG,0.39617950000000,0.00186571400000
C6B3H2S2P5L1M1J1E2A2,ROC,OGAB,12,4,10,12,340,12,40,MNAVG,0.15029080000000,0.00032823450000
C6B3H2S2P5L1M1J1E2A3,ROC,OGAB,12,4,10,12,340,12,40,MNHVY,0.22612280000000,0.00368866800000
C6B3H2S2P5L1M1J2E1A1,ROC,OGAB,12,4,10,12,340,15,10,MEPDG,3.32646700000000,0.00137089900000
C6B3H2S2P5L1M1J2E1A2,ROC,OGAB,12,4,10,12,340,15,10,MNAVG,1.67548900000000,0.00029026510000
C6B3H2S2P5L1M1J2E1A3,ROC,OGAB,12,4,10,12,340,15,10,MNHVY,3.43361300000000,0.00287887400000
C6B3H2S2P5L1M1J2E2A1,ROC,OGAB,12,4,10,12,340,15,40,MEPDG,1.58889600000000,0.23574750000000
C6B3H2S2P5L1M1J2E2A2,ROC,OGAB,12,4,10,12,340,15,40,MNAVG,0.84381840000000,0.04369193000000
C6B3H2S2P5L1M1J2E2A3,ROC,OGAB,12,4,10,12,340,15,40,MNHVY,1.60508700000000,0.46627250000000
C6B3H2S2P5L1M2J1E1A1,ROC,OGAB,12,4,10,12,590,12,10,MEPDG,0.01242197000000,0.00063950840000
C6B3H2S2P5L1M2J1E1A2,ROC,OGAB,12,4,10,12,590,12,10,MNAVG,0.00280786200000,0.00008526286000
C6B3H2S2P5L1M2J1E1A3,ROC,OGAB,12,4,10,12,590,12,10,MNHVY,0.00334729300000,0.00109773600000
C6B3H2S2P5L1M2J1E2A1,ROC,OGAB,12,4,10,12,590,12,40,MEPDG,0.00373304300000,0.00043408060000
C6B3H2S2P5L1M2J1E2A2,ROC,OGAB,12,4,10,12,590,12,40,MNAVG,0.00097230780000,0.00005487102000
C6B3H2S2P5L1M2J1E2A3,ROC,OGAB,12,4,10,12,590,12,40,MNHVY,0.00101381800000,0.00070459390000
C6B3H2S2P5L1M2J2E1A1,ROC,OGAB,12,4,10,12,590,15,10,MEPDG,0.07979085000000,0.00217515500000
C6B3H2S2P5L1M2J2E1A2,ROC,OGAB,12,4,10,12,590,15,10,MNAVG,0.02241533000000,0.00039112790000
C6B3H2S2P5L1M2J2E1A3,ROC,OGAB,12,4,10,12,590,15,10,MNHVY,0.04510803000000,0.00438816100000
```

```
C6B3H2S2P5L1M2J2E2A1,ROC,OGAB,12,4,10,12,590,15,40,MEPDG,0.02865781000000,0.01522682000000
C6B3H2S2P5L1M2J2E2A2,ROC,OGAB,12,4,10,12,590,15,40,MNAVG,0.00891696400000,0.00247168400000
C6B3H2S2P5L1M2J2E2A3,ROC,OGAB,12,4,10,12,590,15,40,MNHVY,0.01557612000000,0.02856557000000
C6B3H2S2P5L1M3J1E1A1,ROC,OGAB,12,4,10,12,840,12,10,MEPDG,0.00036652910000,0.00007211678000
C6B3H2S2P5L1M3J1E1A2,ROC,OGAB,12,4,10,12,840,12,10,MNAVG,0.00007588415000,0.00000624991100
C6B3H2S2P5L1M3J1E1A3,ROC,OGAB,12,4,10,12,840,12,10,MNHVY,0.00006674712000,0.00008909706000
C6B3H2S2P5L1M3J1E2A1,ROC,OGAB,12,4,10,12,840,12,40,MEPDG,0.00008459984000,0.00005193169000
C6B3H2S2P5L1M3J1E2A2,ROC,OGAB,12,4,10,12,840,12,40,MNAVG,0.00002185888000,0.00000391366300
C6B3H2S2P5L1M3J1E2A3,ROC,OGAB,12,4,10,12,840,12,40,MNHVY,0.00001708388000,0.00005561194000
C6B3H2S2P5L1M3J2E1A1,ROC,OGAB,12,4,10,12,840,15,10,MEPDG,0.00300872800000,0.00172993200000
C6B3H2S2P5L1M3J2E1A2,ROC,OGAB,12,4,10,12,840,15,10,MNAVG,0.00058753950000,0.00022862640000
C6B3H2S2P5L1M3J2E1A3,ROC,OGAB,12,4,10,12,840,15,10,MNHVY,0.00092829900000,0.00290683600000
C6B3H2S2P5L1M3J2E2A1,ROC,OGAB,12,4,10,12,840,15,40,MEPDG,0.00084784880000,0.00038401910000
C6B3H2S2P5L1M3J2E2A2,ROC,OGAB,12,4,10,12,840,15,40,MNAVG,0.00019609850000,0.00004818908000
C6B3H2S2P5L1M3J2E2A3,ROC,OGAB,12,4,10,12,840,15,40,MNHVY,0.00026297350000,0.00062332280000
C6B3H2S2P5L2M1J1E1A1,ROC,OGAB,12,4,10,13,340,12,10,MEPDG,0.08712908000000,0.00098806010000
C6B3H2S2P5L2M1J1E1A2,ROC,OGAB,12,4,10,13,340,12,10,MNAVG,0.03264392000000,0.00017535290000
C6B3H2S2P5L2M1J1E1A3,ROC,OGAB,12,4,10,13,340,12,10,MNHVY,0.04794375000000,0.00196022300000
C6B3H2S2P5L2M1J1E2A1,ROC,OGAB,12,4,10,13,340,12,40,MEPDG,0.08712908000000,0.00098806010000
C6B3H2S2P5L2M1J1E2A2,ROC,OGAB,12,4,10,13,340,12,40,MNAVG,0.03264392000000,0.00017535290000
C6B3H2S2P5L2M1J1E2A3,ROC,OGAB,12,4,10,13,340,12,40,MNHVY,0.04794375000000,0.00196022300000
C6B3H2S2P5L2M1J2E1A1,ROC,OGAB,12,4,10,13,340,15,10,MEPDG,0.39213810000000,0.12112270000000
C6B3H2S2P5L2M1J2E1A2,ROC,OGAB,12,4,10,13,340,15,10,MNAVG,0.20919120000000,0.02307826000000
C6B3H2S2P5L2M1J2E1A3,ROC,OGAB,12,4,10,13,340,15,10,MNHVY,0.39246580000000,0.24133760000000
C6B3H2S2P5L2M1J2E2A1,ROC,OGAB,12,4,10,13,340,15,40,MEPDG,0.39213810000000,0.12112270000000
C6B3H2S2P5L2M1J2E2A2,ROC,OGAB,12,4,10,13,340,15,40,MNAVG,0.20919120000000,0.02307826000000
C6B3H2S2P5L2M1J2E2A3,ROC,OGAB,12,4,10,13,340,15,40,MNHVY,0.39246580000000,0.24133760000000
C6B3H2S2P5L2M2J1E1A1,ROC,OGAB,12,4,10,13,590,12,10,MEPDG,0.00070394480000,0.00019581160000
C6B3H2S2P5L2M2J1E1A2,ROC,OGAB,12,4,10,13,590,12,10,MNAVG,0.00018935620000,0.00002470105000
C6B3H2S2P5L2M2J1E1A3,ROC,OGAB,12,4,10,13,590,12,10,MNHVY,0.00018951070000,0.00031684800000
C6B3H2S2P5L2M2J1E2A1,ROC,OGAB,12,4,10,13,590,12,40,MEPDG,0.00070394480000,0.00019581160000
C6B3H2S2P5L2M2J1E2A2,ROC,OGAB,12,4,10,13,590,12,40,MNAVG,0.00018935620000,0.00002470105000
C6B3H2S2P5L2M2J1E2A3,ROC,OGAB,12,4,10,13,590,12,40,MNHVY,0.00018951070000,0.00031684800000
C6B3H2S2P5L2M2J2E1A1,ROC,OGAB,12,4,10,13,590,15,10,MEPDG,0.00609313500000,0.00725905900000
C6B3H2S2P5L2M2J2E1A2,ROC,OGAB,12,4,10,13,590,15,10,MNAVG,0.00192293200000,0.00120549900000
C6B3H2S2P5L2M2J2E1A3,ROC,OGAB,12,4,10,13,590,15,10,MNHVY,0.00324817900000,0.01373496000000
C6B3H2S2P5L2M2J2E2A1,ROC,OGAB,12,4,10,13,590,15,40,MEPDG,0.00609313500000,0.00725905900000
C6B3H2S2P5L2M2J2E2A2,ROC,OGAB,12,4,10,13,590,15,40,MNAVG,0.00192293200000,0.00120549900000
C6B3H2S2P5L2M2J2E2A3,ROC,OGAB,12,4,10,13,590,15,40,MNHVY,0.00324817900000,0.01373496000000
C6B3H2S2P5L2M3J1E1A1,ROC,OGAB,12,4,10,13,840,12,10,MEPDG,0.00001435363000,0.00002232023000
C6B3H2S2P5L2M3J1E1A2,ROC,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000391102800,0.00000161954100
C6B3H2S2P5L2M3J1E1A3,ROC,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000296006600,0.00002302434000
C6B3H2S2P5L2M3J1E2A1,ROC,OGAB,12,4,10,13,840,12,40,MEPDG,0.00001435363000,0.00002232023000
C6B3H2S2P5L2M3J1E2A2,ROC,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000391102800,0.00000161954100
C6B3H2S2P5L2M3J1E2A3,ROC,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000296006600,0.00002302434000
C6B3H2S2P5L2M3J2E1A1,ROC,OGAB,12,4,10,13,840,15,10,MEPDG,0.00016041860000,0.00019366530000
C6B3H2S2P5L2M3J2E1A2,ROC,OGAB,12,4,10,13,840,15,10,MNAVG,0.00003860666000,0.00002405280000
C6B3H2S2P5L2M3J2E1A3,ROC,OGAB,12,4,10,13,840,15,10,MNHVY,0.00004924456000,0.00031049340000
C6B3H2S2P5L2M3J2E2A1,ROC,OGAB,12,4,10,13,840,15,40,MEPDG,0.00016041860000,0.00019366530000
C6B3H2S2P5L2M3J2E2A2,ROC,OGAB,12,4,10,13,840,15,40,MNAVG,0.00003860666000,0.00002405280000
```

```
C6B3H2S2P5L2M3J2E2A3,ROC,OGAB,12,4,10,13,840,15,40,MNHVY,0.00004924456000,0.00031049340000
C6B3H2S2P6L1M1J1E1A1,ROC,OGAB,12,4,11,12,340,12,10,MEPDG,0.25270680000000,0.00711728700000
C6B3H2S2P6L1M1J1E1A2,ROC,OGAB,12,4,11,12,340,12,10,MNAVG,0.07136255000000,0.00111884700000
C6B3H2S2P6L1M1J1E1A3,ROC,OGAB,12,4,11,12,340,12,10,MNHVY,0.10929170000000,0.01378020000000
C6B3H2S2P6L1M1J1E2A1,ROC,OGAB,12,4,11,12,340,12,40,MEPDG,0.09397998000000,0.00533691700000
C6B3H2S2P6L1M1J1E2A2,ROC,OGAB,12,4,11,12,340,12,40,MNAVG,0.02840511000000,0.00083214910000
C6B3H2S2P6L1M1J1E2A3,ROC,OGAB,12,4,11,12,340,12,40,MNHVY,0.03824899000000,0.01014529000000
C6B3H2S2P6L1M1J2E1A1,ROC,OGAB,12,4,11,12,340,15,10,MEPDG,1.08821700000000,0.01286700000000
C6B3H2S2P6L1M1J2E1A2,ROC,OGAB,12,4,11,12,340,15,10,MNAVG,0.43642940000000,0.00252964400000
C6B3H2S2P6L1M1J2E1A3,ROC,OGAB,12,4,11,12,340,15,10,MNHVY,0.90324200000000,0.02689880000000
C6B3H2S2P6L1M1J2E2A1,ROC,OGAB,12,4,11,12,340,15,40,MEPDG,0.47179340000000,0.20440740000000
C6B3H2S2P6L1M1J2E2A2,ROC,OGAB,12,4,11,12,340,15,40,MNAVG,0.20318040000000,0.03539129000000
C6B3H2S2P6L1M1J2E2A3,ROC,OGAB,12,4,11,12,340,15,40,MNHVY,0.38011100000000,0.39875580000000
C6B3H2S2P6L1M2J1E1A1,ROC,OGAB,12,4,11,12,590,12,10,MEPDG,0.00218621200000,0.00061156310000
C6B3H2S2P6L1M2J1E1A2,ROC,OGAB,12,4,11,12,590,12,10,MNAVG,0.00044168420000,0.00006631116000
C6B3H2S2P6L1M2J1E1A3,ROC,OGAB,12,4,11,12,590,12,10,MNHVY,0.00045181020000,0.00093478720000
C6B3H2S2P6L1M2J1E2A1,ROC,OGAB,12,4,11,12,590,12,40,MEPDG,0.00056628890000,0.00041329770000
C6B3H2S2P6L1M2J1E2A2,ROC,OGAB,12,4,11,12,590,12,40,MNAVG,0.00013954380000,0.00004264216000
C6B3H2S2P6L1M2J1E2A3,ROC,OGAB,12,4,11,12,590,12,40,MNHVY,0.00012393190000,0.00059718270000
C6B3H2S2P6L1M2J2E1A1,ROC,OGAB,12,4,11,12,590,15,10,MEPDG,0.01415389000000,0.01386744000000
C6B3H2S2P6L1M2J2E1A2,ROC,OGAB,12,4,11,12,590,15,10,MNAVG,0.00302372800000,0.00201189700000
C6B3H2S2P6L1M2J2E1A3,ROC,OGAB,12,4,11,12,590,15,10,MNHVY,0.00514193800000,0.02523739000000
C6B3H2S2P6L1M2J2E2A1,ROC,OGAB,12,4,11,12,590,15,40,MEPDG,0.00444914400000,0.00659374800000
C6B3H2S2P6L1M2J2E2A2,ROC,OGAB,12,4,11,12,590,15,40,MNAVG,0.00109801100000,0.00098231910000
C6B3H2S2P6L1M2J2E2A3,ROC,OGAB,12,4,11,12,590,15,40,MNHVY,0.00158589300000,0.01212025000000
C6B3H2S2P6L1M3J1E1A1,ROC,OGAB,12,4,11,12,840,12,10,MEPDG,0.00004776975000,0.00004028599000
C6B3H2S2P6L1M3J1E1A2,ROC,OGAB,12,4,11,12,840,12,10,MNAVG,0.00000881549200,0.00000294178200
C6B3H2S2P6L1M3J1E1A3,ROC,OGAB,12,4,11,12,840,12,10,MNHVY,0.00000679794000,0.00004413073000
C6B3H2S2P6L1M3J1E2A1,ROC,OGAB,12,4,11,12,840,12,40,MEPDG,0.00000957433200,0.00002917100000
C6B3H2S2P6L1M3J1E2A2,ROC,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000232028100,0.00000188941400
C6B3H2S2P6L1M3J1E2A3,ROC,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000159579700,0.00002811475000
C6B3H2S2P6L1M3J2E1A1,ROC,OGAB,12,4,11,12,840,15,10,MEPDG,0.00034144290000,0.00040031130000
C6B3H2S2P6L1M3J2E1A2,ROC,OGAB,12,4,11,12,840,15,10,MNAVG,0.00005684236000,0.00004618254000
C6B3H2S2P6L1M3J2E1A3,ROC,OGAB,12,4,11,12,840,15,10,MNHVY,0.00006914802000,0.00063569640000
C6B3H2S2P6L1M3J2E2A1,ROC,OGAB,12,4,11,12,840,15,40,MEPDG,0.00008335712000,0.00027309860000
C6B3H2S2P6L1M3J2E2A2,ROC,OGAB,12,4,11,12,840,15,40,MNAVG,0.00001741206000,0.00002954231000
C6B3H2S2P6L1M3J2E2A3,ROC,OGAB,12,4,11,12,840,15,40,MNHVY,0.00001829349000,0.00040538340000
C6B3H2S2P6L2M1J1E1A1,ROC,OGAB,12,4,11,13,340,12,10,MEPDG,0.01960158000000,0.00271999000000
C6B3H2S2P6L2M1J1E1A2,ROC,OGAB,12,4,11,13,340,12,10,MNAVG,0.00594640500000,0.00042640370000
C6B3H2S2P6L2M1J1E1A3,ROC,OGAB,12,4,11,13,340,12,10,MNHVY,0.00772462500000,0.00518690500000
C6B3H2S2P6L2M1J1E2A1,ROC,OGAB,12,4,11,13,340,12,40,MEPDG,0.01960158000000,0.00271999000000
C6B3H2S2P6L2M1J1E2A2,ROC,OGAB,12,4,11,13,340,12,40,MNAVG,0.00594640500000,0.00042640370000
C6B3H2S2P6L2M1J1E2A3,ROC,OGAB,12,4,11,13,340,12,40,MNHVY,0.00772462500000,0.00518690500000
C6B3H2S2P6L2M1J2E1A1,ROC,OGAB,12,4,11,13,340,15,10,MEPDG,0.11072160000000,0.10428080000000
C6B3H2S2P6L2M1J2E1A2,ROC,OGAB,12,4,11,13,340,15,10,MNAVG,0.04804463000000,0.01856384000000
C6B3H2S2P6L2M1J2E1A3,ROC,OGAB,12,4,11,13,340,15,10,MNHVY,0.08793688000000,0.20536690000000
C6B3H2S2P6L2M1J2E2A1,ROC,OGAB,12,4,11,13,340,15,40,MEPDG,0.11072160000000,0.10428080000000
C6B3H2S2P6L2M1J2E2A2,ROC,OGAB,12,4,11,13,340,15,40,MNAVG,0.04804463000000,0.01856384000000
C6B3H2S2P6L2M1J2E2A3,ROC,OGAB,12,4,11,13,340,15,40,MNHVY,0.08793688000000,0.20536690000000
C6B3H2S2P6L2M2J1E1A1,ROC,OGAB,12,4,11,13,590,12,10,MEPDG,0.00010060150000,0.00018964230000
```

```
C6B3H2S2P6L2M2J1E1A2,ROC,OGAB,12,4,11,13,590,12,10,MNAVG,0.00002608198000,0.00001950380000
C6B3H2S2P6L2M2J1E1A3,ROC,OGAB,12,4,11,13,590,12,10,MNHVY,0.00002223646000,0.00027293310000
C6B3H2S2P6L2M2J1E2A1,ROC,OGAB,12,4,11,13,590,12,40,MEPDG,0.00010060150000,0.00018964230000
C6B3H2S2P6L2M2J1E2A2,ROC,OGAB,12,4,11,13,590,12,40,MNAVG,0.00002608198000,0.00001950380000
C6B3H2S2P6L2M2J1E2A3,ROC,OGAB,12,4,11,13,590,12,40,MNHVY,0.00002223646000,0.00027293310000
C6B3H2S2P6L2M2J2E1A1,ROC,OGAB,12,4,11,13,590,15,10,MEPDG,0.00088759050000,0.00114173400000
C6B3H2S2P6L2M2J2E1A2,ROC,OGAB,12,4,11,13,590,15,10,MNAVG,0.00022635730000,0.00017788320000
C6B3H2S2P6L2M2J2E1A3,ROC,OGAB,12,4,11,13,590,15,10,MNHVY,0.00031394870000,0.00215984900000
C6B3H2S2P6L2M2J2E2A1,ROC,OGAB,12,4,11,13,590,15,40,MEPDG,0.00088759050000,0.00114173400000
C6B3H2S2P6L2M2J2E2A2,ROC,OGAB,12,4,11,13,590,15,40,MNAVG,0.00022635730000,0.00017788320000
C6B3H2S2P6L2M2J2E2A3,ROC,OGAB,12,4,11,13,590,15,40,MNHVY,0.00031394870000,0.00215984900000
C6B3H2S2P6L2M3J1E1A1,ROC,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000151636500,0.00001395605000
C6B3H2S2P6L2M3J1E1A2,ROC,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000039472860,0.00000087638050
C6B3H2S2P6L2M3J1E1A3,ROC,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000026186910,0.00001303149000
C6B3H2S2P6L2M3J1E2A1,ROC,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000151636500,0.00001395605000
C6B3H2S2P6L2M3J1E2A2,ROC,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000039472860,0.00000087638050
C6B3H2S2P6L2M3J1E2A3,ROC,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000026186910,0.00001303149000
C6B3H2S2P6L2M3J2E1A1,ROC,OGAB,12,4,11,13,840,15,10,MEPDG,0.00001466468000,0.00014000160000
C6B3H2S2P6L2M3J2E1A2,ROC,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000324250000,0.00001495071000
C6B3H2S2P6L2M3J2E1A3,ROC,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000326853400,0.00020502700000
C6B3H2S2P6L2M3J2E2A1,ROC,OGAB,12,4,11,13,840,15,40,MEPDG,0.00001466468000,0.00014000160000
C6B3H2S2P6L2M3J2E2A2,ROC,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000324250000,0.00001495071000
C6B3H2S2P6L2M3J2E2A3,ROC,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000326853400,0.00020502700000
C6B3H2S2P7L1M1J1E1A1,ROC,OGAB,12,4,12,12,340,12,10,MEPDG,0.06664546000000,0.00998677000000
C6B3H2S2P7L1M1J1E1A2,ROC,OGAB,12,4,12,12,340,12,10,MNAVG,0.01526946000000,0.00137116600000
C6B3H2S2P7L1M1J1E1A3,ROC,OGAB,12,4,12,12,340,12,10,MNHVY,0.02106192000000,0.01809315000000
C6B3H2S2P7L1M1J1E2A1,ROC,OGAB,12,4,12,12,340,12,40,MEPDG,0.02218987000000,0.00681503000000
C6B3H2S2P7L1M1J1E2A2,ROC,OGAB,12,4,12,12,340,12,40,MNAVG,0.00571405700000,0.00092762310000
C6B3H2S2P7L1M1J1E2A3,ROC,OGAB,12,4,12,12,340,12,40,MNHVY,0.00681543800000,0.01213037000000
C6B3H2S2P7L1M1J2E1A1,ROC,OGAB,12,4,12,12,340,15,10,MEPDG,0.31650700000000,0.21458280000000
C6B3H2S2P7L1M1J2E1A2,ROC,OGAB,12,4,12,12,340,15,10,MNAVG,0.09764480000000,0.03477061000000
C6B3H2S2P7L1M1J2E1A3,ROC,OGAB,12,4,12,12,340,15,10,MNHVY,0.19545880000000,0.41619260000000
C6B3H2S2P7L1M1J2E2A1,ROC,OGAB,12,4,12,12,340,15,40,MEPDG,0.12269360000000,0.01973987000000
C6B3H2S2P7L1M1J2E2A2,ROC,OGAB,12,4,12,12,340,15,40,MNAVG,0.04141089000000,0.00357011800000
C6B3H2S2P7L1M1J2E2A3,ROC,OGAB,12,4,12,12,340,15,40,MNHVY,0.07261214000000,0.04008363000000
C6B3H2S2P7L1M2J1E1A1,ROC,OGAB,12,4,12,12,590,12,10,MEPDG,0.00041703910000,0.00039265060000
C6B3H2S2P7L1M2J1E1A2,ROC,OGAB,12,4,12,12,590,12,10,MNAVG,0.00007553391000,0.00003651950000
C6B3H2S2P7L1M2J1E1A3,ROC,OGAB,12,4,12,12,590,12,10,MNHVY,0.00006986517000,0.00053631240000
C6B3H2S2P7L1M2J1E2A1,ROC,OGAB,12,4,12,12,590,12,40,MEPDG,0.00009678486000,0.00027860390000
C6B3H2S2P7L1M2J1E2A2,ROC,OGAB,12,4,12,12,590,12,40,MNAVG,0.00002237726000,0.00002485205000
C6B3H2S2P7L1M2J1E2A3,ROC,OGAB,12,4,12,12,590,12,40,MNHVY,0.00001811145000,0.00036344220000
C6B3H2S2P7L1M2J2E1A1,ROC,OGAB,12,4,12,12,590,15,10,MEPDG,0.00227189800000,0.00608348900000
C6B3H2S2P7L1M2J2E1A2,ROC,OGAB,12,4,12,12,590,15,10,MNAVG,0.00039988410000,0.00080608120000
C6B3H2S2P7L1M2J2E1A3,ROC,OGAB,12,4,12,12,590,15,10,MNHVY,0.00054238590000,0.01068411000000
C6B3H2S2P7L1M2J2E2A1,ROC,OGAB,12,4,12,12,590,15,40,MEPDG,0.00062458080000,0.00170774400000
C6B3H2S2P7L1M2J2E2A2,ROC,OGAB,12,4,12,12,590,15,40,MNAVG,0.00013423920000,0.00023434190000
C6B3H2S2P7L1M2J2E2A3,ROC,OGAB,12,4,12,12,590,15,40,MNHVY,0.00015488240000,0.00304665200000
C6B3H2S2P7L1M3J1E1A1,ROC,OGAB,12,4,12,12,840,12,10,MEPDG,0.00001049671000,0.00002066286000
C6B3H2S2P7L1M3J1E1A2,ROC,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000144842200,0.00000131254300
C6B3H2S2P7L1M3J1E1A3,ROC,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000119904400,0.00001994770000
```

```
C6B3H2S2P7L1M3J1E2A1,ROC,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000201199300,0.00001617953000
C6B3H2S2P7L1M3J1E2A2,ROC,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000037498570,0.00000093586350
C6B3H2S2P7L1M3J1E2A3,ROC,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000026712800,0.00001414498000
C6B3H2S2P7L1M3J2E1A1,ROC,OGAB,12,4,12,12,840,15,10,MEPDG,0.00003948094000,0.00024379840000
C6B3H2S2P7L1M3J2E1A2,ROC,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000585009900,0.00002415770000
C6B3H2S2P7L1M3J2E1A3,ROC,OGAB,12,4,12,12,840,15,10,MNHVY,0.00000558627200,0.00034946020000
C6B3H2S2P7L1M3J2E2A1,ROC,OGAB,12,4,12,12,840,15,40,MEPDG,0.00000860665400,0.00017078070000
C6B3H2S2P7L1M3J2E2A2,ROC,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000167615900,0.00001589289000
C6B3H2S2P7L1M3J2E2A3,ROC,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000141921800,0.00022870300000
C6B3H2S2P7L2M1J1E1A1,ROC,OGAB,12,4,12,13,340,12,10,MEPDG,0.00439877100000,0.00342530500000
C6B3H2S2P7L2M1J1E1A2,ROC,OGAB,12,4,12,13,340,12,10,MNAVG,0.00116015600000,0.00046956450000
C6B3H2S2P7L2M1J1E1A3,ROC,OGAB,12,4,12,13,340,12,10,MNHVY,0.00132300800000,0.00611963500000
C6B3H2S2P7L2M1J1E2A1,ROC,OGAB,12,4,12,13,340,12,40,MEPDG,0.00439877100000,0.00342530500000
C6B3H2S2P7L2M1J1E2A2,ROC,OGAB,12,4,12,13,340,12,40,MNAVG,0.00116015600000,0.00046956450000
C6B3H2S2P7L2M1J1E2A3,ROC,OGAB,12,4,12,13,340,12,40,MNHVY,0.00132300800000,0.00611963500000
C6B3H2S2P7L2M1J2E1A1,ROC,OGAB,12,4,12,13,340,15,10,MEPDG,0.02709648000000,0.07360361000000
C6B3H2S2P7L2M1J2E1A2,ROC,OGAB,12,4,12,13,340,15,10,MNAVG,0.00926063800000,0.01213873000000
C6B3H2S2P7L2M1J2E1A3,ROC,OGAB,12,4,12,13,340,15,10,MNHVY,0.01570352000000,0.14171860000000
C6B3H2S2P7L2M1J2E2A1,ROC,OGAB,12,4,12,13,340,15,40,MEPDG,0.02709648000000,0.07360361000000
C6B3H2S2P7L2M1J2E2A2,ROC,OGAB,12,4,12,13,340,15,40,MNAVG,0.00926063800000,0.01213873000000
C6B3H2S2P7L2M1J2E2A3,ROC,OGAB,12,4,12,13,340,15,40,MNHVY,0.01570352000000,0.14171860000000
C6B3H2S2P7L2M2J1E1A1,ROC,OGAB,12,4,12,13,590,12,10,MEPDG,0.00001658867000,0.00012976790000
C6B3H2S2P7L2M2J1E1A2,ROC,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000407880500,0.00001155795000
C6B3H2S2P7L2M2J1E1A3,ROC,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000318856700,0.00016881260000
C6B3H2S2P7L2M2J1E2A1,ROC,OGAB,12,4,12,13,590,12,40,MEPDG,0.00001658867000,0.00012976790000
C6B3H2S2P7L2M2J1E2A2,ROC,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000407880500,0.00001155795000
C6B3H2S2P7L2M2J1E2A3,ROC,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000318856700,0.00016881260000
C6B3H2S2P7L2M2J2E1A1,ROC,OGAB,12,4,12,13,590,15,10,MEPDG,0.00011565760000,0.00093051510000
C6B3H2S2P7L2M2J2E1A2,ROC,OGAB,12,4,12,13,590,15,10,MNAVG,0.00002613570000,0.00012910620000
C6B3H2S2P7L2M2J2E1A3,ROC,OGAB,12,4,12,13,590,15,10,MNHVY,0.00002875780000,0.00166886900000
C6B3H2S2P7L2M2J2E2A1,ROC,OGAB,12,4,12,13,590,15,40,MEPDG,0.00011565760000,0.00093051510000
C6B3H2S2P7L2M2J2E2A2,ROC,OGAB,12,4,12,13,590,15,40,MNAVG,0.00002613570000,0.00012910620000
C6B3H2S2P7L2M2J2E2A3,ROC,OGAB,12,4,12,13,590,15,40,MNHVY,0.00002875780000,0.00166886900000
C6B3H2S2P7L2M3J1E1A1,ROC,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000030802730,0.00000723510500
C6B3H2S2P7L2M3J1E1A2,ROC,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000006218973,0.00000040846060
C6B3H2S2P7L2M3J1E1A3,ROC,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000004229642,0.00000616178700
C6B3H2S2P7L2M3J1E2A1,ROC,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000030802730,0.00000723510500
C6B3H2S2P7L2M3J1E2A2,ROC,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000006218973,0.00000040846060
C6B3H2S2P7L2M3J1E2A3,ROC,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000004229642,0.00000616178700
C6B3H2S2P7L2M3J2E1A1,ROC,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000142756000,0.00009171847000
C6B3H2S2P7L2M3J2E1A2,ROC,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000029896880,0.00000842183900
C6B3H2S2P7L2M3J2E1A3,ROC,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000024387780,0.00012107510000
C6B3H2S2P7L2M3J2E2A1,ROC,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000142756000,0.00009171847000
C6B3H2S2P7L2M3J2E2A2,ROC,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000029896880,0.00000842183900
C6B3H2S2P7L2M3J2E2A3,ROC,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000024387780,0.00012107510000
C7B1H1S1P1L1M1J1E1A1,RDF,CL5S,4,12,6,12,340,12,10,MEPDG,175.93010000000000,2.60879400000000
C7B1H1S1P1L1M1J1E1A2,RDF,CL5S,4,12,6,12,340,12,10,MNAVG,147.31440000000000,0.35499580000000
C7B1H1S1P1L1M1J1E1A3,RDF,CL5S,4,12,6,12,340,12,10,MNHVY,259.83440000000000,3.99051000000000
C7B1H1S1P1L1M1J1E2A1,RDF,CL5S,4,12,6,12,340,12,40,MEPDG,109.42130000000000,1.51491300000000
C7B1H1S1P1L1M1J1E2A2,RDF,CL5S,4,12,6,12,340,12,40,MNAVG,85.84693000000000,0.19846650000000
```

```
C7B1H1S1P1L1M1J1E2A3,RDF,CL5S,4,12,6,12,340,12,40,MNHVY,156.25170000000000,2.26077900000000
C7B1H1S1P1L1M1J2E1A1,RDF,CL5S,4,12,6,12,340,15,10,MEPDG,206.11940000000000,2.61958300000000
C7B1H1S1P1L1M1J2E1A2,RDF,CL5S,4,12,6,12,340,15,10,MNAVG,176.65980000000000,0.48858140000000
C7B1H1S1P1L1M1J2E1A3,RDF,CL5S,4,12,6,12,340,15,10,MNHVY,315.26980000000000,4.76168400000000
C7B1H1S1P1L1M1J2E2A1,RDF,CL5S,4,12,6,12,340,15,40,MEPDG,130.66700000000000,1.55497500000000
C7B1H1S1P1L1M1J2E2A2,RDF,CL5S,4,12,6,12,340,15,40,MNAVG,105.60690000000000,0.29025640000000
C7B1H1S1P1L1M1J2E2A3,RDF,CL5S,4,12,6,12,340,15,40,MNHVY,194.60860000000000,2.82984400000000
C7B1H1S1P1L1M2J1E1A1,RDF,CL5S,4,12,6,12,590,12,10,MEPDG,12.03228000000000,0.26070390000000
C7B1H1S1P1L1M2J1E1A2,RDF,CL5S,4,12,6,12,590,12,10,MNAVG,7.96034400000000,0.03473382000000
C7B1H1S1P1L1M2J1E1A3,RDF,CL5S,4,12,6,12,590,12,10,MNHVY,12.76886000000000,0.38210170000000
C7B1H1S1P1L1M2J1E2A1,RDF,CL5S,4,12,6,12,590,12,40,MEPDG,6.43146700000000,0.13414190000000
C7B1H1S1P1L1M2J1E2A2,RDF,CL5S,4,12,6,12,590,12,40,MNAVG,4.02763500000000,0.01598547000000
C7B1H1S1P1L1M2J1E2A3,RDF,CL5S,4,12,6,12,590,12,40,MNHVY,6.47260700000000,0.18259910000000
C7B1H1S1P1L1M2J2E1A1,RDF,CL5S,4,12,6,12,590,15,10,MEPDG,18.46267000000000,0.59389200000000
C7B1H1S1P1L1M2J2E1A2,RDF,CL5S,4,12,6,12,590,15,10,MNAVG,13.47320000000000,0.11275140000000
C7B1H1S1P1L1M2J2E1A3,RDF,CL5S,4,12,6,12,590,15,10,MNHVY,22.85707000000000,1.07817400000000
C7B1H1S1P1L1M2J2E2A1,RDF,CL5S,4,12,6,12,590,15,40,MEPDG,10.46100000000000,0.30293580000000
C7B1H1S1P1L1M2J2E2A2,RDF,CL5S,4,12,6,12,590,15,40,MNAVG,7.36471300000000,0.05503741000000
C7B1H1S1P1L1M2J2E2A3,RDF,CL5S,4,12,6,12,590,15,40,MNHVY,12.61845000000000,0.54145980000000
C7B1H1S1P1L1M3J1E1A1,RDF,CL5S,4,12,6,12,840,12,10,MEPDG,1.42411000000000,0.03144109000000
C7B1H1S1P1L1M3J1E1A2,RDF,CL5S,4,12,6,12,840,12,10,MNAVG,0.72286090000000,0.00338057900000
C7B1H1S1P1L1M3J1E1A3,RDF,CL5S,4,12,6,12,840,12,10,MNHVY,1.07627300000000,0.04043732000000
C7B1H1S1P1L1M3J1E2A1,RDF,CL5S,4,12,6,12,840,12,40,MEPDG,0.66190740000000,0.01484533000000
C7B1H1S1P1L1M3J1E2A2,RDF,CL5S,4,12,6,12,840,12,40,MNAVG,0.32404780000000,0.00133485900000
C7B1H1S1P1L1M3J1E2A3,RDF,CL5S,4,12,6,12,840,12,40,MNHVY,0.46805390000000,0.01650826000000
C7B1H1S1P1L1M3J2E1A1,RDF,CL5S,4,12,6,12,840,15,10,MEPDG,2.96439800000000,0.12325550000000
C7B1H1S1P1L1M3J2E1A2,RDF,CL5S,4,12,6,12,840,15,10,MNAVG,1.84212700000000,0.02134138000000
C7B1H1S1P1L1M3J2E1A3,RDF,CL5S,4,12,6,12,840,15,10,MNHVY,3.11169000000000,0.21683390000000
C7B1H1S1P1L1M3J2E2A1,RDF,CL5S,4,12,6,12,840,15,40,MEPDG,1.50070400000000,0.05503749000000
C7B1H1S1P1L1M3J2E2A2,RDF,CL5S,4,12,6,12,840,15,40,MNAVG,0.92071130000000,0.00873677000000
C7B1H1S1P1L1M3J2E2A3,RDF,CL5S,4,12,6,12,840,15,40,MNHVY,1.53098500000000,0.09263653000000
C7B1H1S1P1L2M1J1E1A1,RDF,CL5S,4,12,6,13,340,12,10,MEPDG,27.99403000000000,0.58115830000000
C7B1H1S1P1L2M1J1E1A2,RDF,CL5S,4,12,6,13,340,12,10,MNAVG,21.05672000000000,0.08126093000000
C7B1H1S1P1L2M1J1E1A3,RDF,CL5S,4,12,6,13,340,12,10,MNHVY,38.81192000000000,0.88915380000000
C7B1H1S1P1L2M1J1E2A1,RDF,CL5S,4,12,6,13,340,12,40,MEPDG,27.99403000000000,0.58115830000000
C7B1H1S1P1L2M1J1E2A2,RDF,CL5S,4,12,6,13,340,12,40,MNAVG,21.05672000000000,0.08126093000000
C7B1H1S1P1L2M1J1E2A3,RDF,CL5S,4,12,6,13,340,12,40,MNHVY,38.81192000000000,0.88915380000000
C7B1H1S1P1L2M1J2E1A1,RDF,CL5S,4,12,6,13,340,15,10,MEPDG,34.06588000000000,0.71395530000000
C7B1H1S1P1L2M1J2E1A2,RDF,CL5S,4,12,6,13,340,15,10,MNAVG,26.57264000000000,0.14096140000000
C7B1H1S1P1L2M1J2E1A3,RDF,CL5S,4,12,6,13,340,15,10,MNHVY,49.49598000000000,1.31358300000000
C7B1H1S1P1L2M1J2E2A1,RDF,CL5S,4,12,6,13,340,15,40,MEPDG,34.06588000000000,0.71395530000000
C7B1H1S1P1L2M1J2E2A2,RDF,CL5S,4,12,6,13,340,15,40,MNAVG,26.57264000000000,0.14096140000000
C7B1H1S1P1L2M1J2E2A3,RDF,CL5S,4,12,6,13,340,15,40,MNHVY,49.49598000000000,1.31358300000000
C7B1H1S1P1L2M2J1E1A1,RDF,CL5S,4,12,6,13,590,12,10,MEPDG,1.53504300000000,0.04896619000000
C7B1H1S1P1L2M2J1E1A2,RDF,CL5S,4,12,6,13,590,12,10,MNAVG,0.92142640000000,0.00607045700000
C7B1H1S1P1L2M2J1E1A3,RDF,CL5S,4,12,6,13,590,12,10,MNHVY,1.49767000000000,0.06827740000000
C7B1H1S1P1L2M2J1E2A1,RDF,CL5S,4,12,6,13,590,12,40,MEPDG,1.53504300000000,0.04896619000000
C7B1H1S1P1L2M2J1E2A2,RDF,CL5S,4,12,6,13,590,12,40,MNAVG,0.92142640000000,0.00607045700000
C7B1H1S1P1L2M2J1E2A3,RDF,CL5S,4,12,6,13,590,12,40,MNHVY,1.49767000000000,0.06827740000000
C7B1H1S1P1L2M2J2E1A1,RDF,CL5S,4,12,6,13,590,15,10,MEPDG,2.61358800000000,0.13543660000000
```

```
C7B1H1S1P1L2M2J2E1A2,RDF,CL5S,4,12,6,13,590,15,10,MNAVG,1.79379800000000,0.02575946000000
C7B1H1S1P1L2M2J2E1A3,RDF,CL5S,4,12,6,13,590,15,10,MNHVY,3.10613900000000,0.24588580000000
C7B1H1S1P1L2M2J2E2A1,RDF,CL5S,4,12,6,13,590,15,40,MEPDG,2.61358800000000,0.13543660000000
C7B1H1S1P1L2M2J2E2A2,RDF,CL5S,4,12,6,13,590,15,40,MNAVG,1.79379800000000,0.02575946000000
C7B1H1S1P1L2M2J2E2A3,RDF,CL5S,4,12,6,13,590,15,40,MNHVY,3.10613900000000,0.24588580000000
C7B1H1S1P1L2M3J1E1A1,RDF,CL5S,4,12,6,13,840,12,10,MEPDG,0.14836980000000,0.00503527000000
C7B1H1S1P1L2M3J1E1A2,RDF,CL5S,4,12,6,13,840,12,10,MNAVG,0.07001315000000,0.00045296060000
C7B1H1S1P1L2M3J1E1A3,RDF,CL5S,4,12,6,13,840,12,10,MNHVY,0.10145220000000,0.00560861900000
C7B1H1S1P1L2M3J1E2A1,RDF,CL5S,4,12,6,13,840,12,40,MEPDG,0.14836980000000,0.00503527000000
C7B1H1S1P1L2M3J1E2A2,RDF,CL5S,4,12,6,13,840,12,40,MNAVG,0.07001315000000,0.00045296060000
C7B1H1S1P1L2M3J1E2A3,RDF,CL5S,4,12,6,13,840,12,40,MNHVY,0.10145220000000,0.00560861900000
C7B1H1S1P1L2M3J2E1A1,RDF,CL5S,4,12,6,13,840,15,10,MEPDG,0.35888470000000,0.02234978000000
C7B1H1S1P1L2M3J2E1A2,RDF,CL5S,4,12,6,13,840,15,10,MNAVG,0.21627600000000,0.00363383700000
C7B1H1S1P1L2M3J2E1A3,RDF,CL5S,4,12,6,13,840,15,10,MNHVY,0.36238530000000,0.03811944000000
C7B1H1S1P1L2M3J2E2A1,RDF,CL5S,4,12,6,13,840,15,40,MEPDG,0.35888470000000,0.02234978000000
C7B1H1S1P1L2M3J2E2A2,RDF,CL5S,4,12,6,13,840,15,40,MNAVG,0.21627600000000,0.00363383700000
C7B1H1S1P1L2M3J2E2A3,RDF,CL5S,4,12,6,13,840,15,40,MNHVY,0.36238530000000,0.03811944000000
C7B1H1S1P2L1M1J1E1A1,RDF,CL5S,4,12,7,12,340,12,10,MEPDG,59.95697000000000,1.84219800000000
C7B1H1S1P2L1M1J1E1A2,RDF,CL5S,4,12,7,12,340,12,10,MNAVG,45.83212000000000,0.29252780000000
C7B1H1S1P2L1M1J1E1A3,RDF,CL5S,4,12,7,12,340,12,10,MNHVY,78.85979000000000,3.08728600000000
C7B1H1S1P2L1M1J1E2A1,RDF,CL5S,4,12,7,12,340,12,40,MEPDG,34.94423000000000,1.04352700000000
C7B1H1S1P2L1M1J1E2A2,RDF,CL5S,4,12,7,12,340,12,40,MNAVG,25.47273000000000,0.15650120000000
C7B1H1S1P2L1M1J1E2A3,RDF,CL5S,4,12,7,12,340,12,40,MNHVY,44.24464000000000,1.68921600000000
C7B1H1S1P2L1M1J2E1A1,RDF,CL5S,4,12,7,12,340,15,10,MEPDG,86.19701000000000,2.95565100000000
C7B1H1S1P2L1M1J2E1A2,RDF,CL5S,4,12,7,12,340,15,10,MNAVG,70.42912000000000,0.60135200000000
C7B1H1S1P2L1M1J2E1A3,RDF,CL5S,4,12,7,12,340,15,10,MNHVY,125.14960000000000,5.60334700000000
C7B1H1S1P2L1M1J2E2A1,RDF,CL5S,4,12,7,12,340,15,40,MEPDG,52.55976000000000,1.72768100000000
C7B1H1S1P2L1M1J2E2A2,RDF,CL5S,4,12,7,12,340,15,40,MNAVG,41.50864000000000,0.34723620000000
C7B1H1S1P2L1M1J2E2A3,RDF,CL5S,4,12,7,12,340,15,40,MNHVY,74.72784000000000,3.25787300000000
C7B1H1S1P2L1M2J1E1A1,RDF,CL5S,4,12,7,12,590,12,10,MEPDG,2.89794200000000,0.12344320000000
C7B1H1S1P2L1M2J1E1A2,RDF,CL5S,4,12,7,12,590,12,10,MNAVG,1.52563400000000,0.01717293000000
C7B1H1S1P2L1M2J1E1A3,RDF,CL5S,4,12,7,12,590,12,10,MNHVY,2.40948200000000,0.19349910000000
C7B1H1S1P2L1M2J1E2A1,RDF,CL5S,4,12,7,12,590,12,40,MEPDG,1.37735900000000,0.06233486000000
C7B1H1S1P2L1M2J1E2A2,RDF,CL5S,4,12,7,12,590,12,40,MNAVG,0.70715960000000,0.00781716700000
C7B1H1S1P2L1M2J1E2A3,RDF,CL5S,4,12,7,12,590,12,40,MNHVY,1.07276300000000,0.09026904000000
C7B1H1S1P2L1M2J2E1A1,RDF,CL5S,4,12,7,12,590,15,10,MEPDG,6.59810500000000,0.43341270000000
C7B1H1S1P2L1M2J2E1A2,RDF,CL5S,4,12,7,12,590,15,10,MNAVG,4.25315300000000,0.08520661000000
C7B1H1S1P2L1M2J2E1A3,RDF,CL5S,4,12,7,12,590,15,10,MNHVY,7.59419100000000,0.81799730000000
C7B1H1S1P2L1M2J2E2A1,RDF,CL5S,4,12,7,12,590,15,40,MEPDG,3.44329700000000,0.21869640000000
C7B1H1S1P2L1M2J2E2A2,RDF,CL5S,4,12,7,12,590,15,40,MNAVG,2.21824600000000,0.04125543000000
C7B1H1S1P2L1M2J2E2A3,RDF,CL5S,4,12,7,12,590,15,40,MNHVY,3.86588000000000,0.40460730000000
C7B1H1S1P2L1M3J1E1A1,RDF,CL5S,4,12,7,12,840,12,10,MEPDG,0.23901450000000,0.00925934500000
C7B1H1S1P2L1M3J1E1A2,RDF,CL5S,4,12,7,12,840,12,10,MNAVG,0.08949003000000,0.00099432120000
C7B1H1S1P2L1M3J1E1A3,RDF,CL5S,4,12,7,12,840,12,10,MNHVY,0.12762870000000,0.01228527000000
C7B1H1S1P2L1M3J1E2A1,RDF,CL5S,4,12,7,12,840,12,40,MEPDG,0.09520099000000,0.00432854100000
C7B1H1S1P2L1M3J1E2A2,RDF,CL5S,4,12,7,12,840,12,40,MNAVG,0.03593041000000,0.00038846330000
C7B1H1S1P2L1M3J1E2A3,RDF,CL5S,4,12,7,12,840,12,40,MNHVY,0.04756032000000,0.00497192700000
C7B1H1S1P2L1M3J2E1A1,RDF,CL5S,4,12,7,12,840,15,10,MEPDG,0.83650490000000,0.05536322000000
C7B1H1S1P2L1M3J2E1A2,RDF,CL5S,4,12,7,12,840,15,10,MNAVG,0.42429690000000,0.00944064700000
C7B1H1S1P2L1M3J2E1A3,RDF,CL5S,4,12,7,12,840,15,10,MNHVY,0.78239210000000,0.10008760000000
```

```
C7B1H1S1P2L1M3J2E2A1,RDF,CL5S,4,12,7,12,840,15,40,MEPDG,0.37472270000000,0.02491079000000
C7B1H1S1P2L1M3J2E2A2,RDF,CL5S,4,12,7,12,840,15,40,MNAVG,0.19454130000000,0.00395500800000
C7B1H1S1P2L1M3J2E2A3,RDF,CL5S,4,12,7,12,840,15,40,MNHVY,0.33724970000000,0.04297449000000
C7B1H1S1P2L2M1J1E1A1,RDF,CL5S,4,12,7,13,340,12,10,MEPDG,8.77235300000000,0.42700200000000
C7B1H1S1P2L2M1J1E1A2,RDF,CL5S,4,12,7,13,340,12,10,MNAVG,6.15783200000000,0.06776962000000
C7B1H1S1P2L2M1J1E1A3,RDF,CL5S,4,12,7,13,340,12,10,MNHVY,10.79019000000000,0.70922750000000
C7B1H1S1P2L2M1J1E2A1,RDF,CL5S,4,12,7,13,340,12,40,MEPDG,8.77235300000000,0.42700200000000
C7B1H1S1P2L2M1J1E2A2,RDF,CL5S,4,12,7,13,340,12,40,MNAVG,6.15783200000000,0.06776962000000
C7B1H1S1P2L2M1J1E2A3,RDF,CL5S,4,12,7,13,340,12,40,MNHVY,10.79019000000000,0.70922750000000
C7B1H1S1P2L2M1J2E1A1,RDF,CL5S,4,12,7,13,340,15,10,MEPDG,13.80103000000000,0.84993270000000
C7B1H1S1P2L2M1J2E1A2,RDF,CL5S,4,12,7,13,340,15,10,MNAVG,10.65852000000000,0.17942910000000
C7B1H1S1P2L2M1J2E1A3,RDF,CL5S,4,12,7,13,340,15,10,MNHVY,19.30032000000000,1.61722700000000
C7B1H1S1P2L2M1J2E2A1,RDF,CL5S,4,12,7,13,340,15,40,MEPDG,13.80103000000000,0.84993270000000
C7B1H1S1P2L2M1J2E2A2,RDF,CL5S,4,12,7,13,340,15,40,MNAVG,10.65852000000000,0.17942910000000
C7B1H1S1P2L2M1J2E2A3,RDF,CL5S,4,12,7,13,340,15,40,MNHVY,19.30032000000000,1.61722700000000
C7B1H1S1P2L2M2J1E1A1,RDF,CL5S,4,12,7,13,590,12,10,MEPDG,0.31514810000000,0.02344038000000
C7B1H1S1P2L2M2J1E1A2,RDF,CL5S,4,12,7,13,590,12,10,MNAVG,0.15654670000000,0.00303104900000
C7B1H1S1P2L2M2J1E1A3,RDF,CL5S,4,12,7,13,590,12,10,MNHVY,0.23737870000000,0.03460756000000
C7B1H1S1P2L2M2J1E2A1,RDF,CL5S,4,12,7,13,590,12,40,MEPDG,0.31514810000000,0.02344038000000
C7B1H1S1P2L2M2J1E2A2,RDF,CL5S,4,12,7,13,590,12,40,MNAVG,0.15654670000000,0.00303104900000
C7B1H1S1P2L2M2J1E2A3,RDF,CL5S,4,12,7,13,590,12,40,MNHVY,0.23737870000000,0.03460756000000
C7B1H1S1P2L2M2J2E1A1,RDF,CL5S,4,12,7,13,590,15,10,MEPDG,0.85257630000000,0.10023870000000
C7B1H1S1P2L2M2J2E1A2,RDF,CL5S,4,12,7,13,590,15,10,MNAVG,0.54373220000000,0.01945785000000
C7B1H1S1P2L2M2J2E1A3,RDF,CL5S,4,12,7,13,590,15,10,MNHVY,0.94967280000000,0.18789830000000
C7B1H1S1P2L2M2J2E2A1,RDF,CL5S,4,12,7,13,590,15,40,MEPDG,0.85257630000000,0.10023870000000
C7B1H1S1P2L2M2J2E2A2,RDF,CL5S,4,12,7,13,590,15,40,MNAVG,0.54373220000000,0.01945785000000
C7B1H1S1P2L2M2J2E2A3,RDF,CL5S,4,12,7,13,590,15,40,MNHVY,0.94967280000000,0.18789830000000
C7B1H1S1P2L2M3J1E1A1,RDF,CL5S,4,12,7,13,840,12,10,MEPDG,0.02000917000000,0.00149032500000
C7B1H1S1P2L2M3J1E1A2,RDF,CL5S,4,12,7,13,840,12,10,MNAVG,0.00740139700000,0.00013354870000
C7B1H1S1P2L2M3J1E1A3,RDF,CL5S,4,12,7,13,840,12,10,MNHVY,0.00964041100000,0.00170411200000
C7B1H1S1P2L2M3J1E2A1,RDF,CL5S,4,12,7,13,840,12,40,MEPDG,0.02000917000000,0.00149032500000
C7B1H1S1P2L2M3J1E2A2,RDF,CL5S,4,12,7,13,840,12,40,MNAVG,0.00740139700000,0.00013354870000
C7B1H1S1P2L2M3J1E2A3,RDF,CL5S,4,12,7,13,840,12,40,MNHVY,0.00964041100000,0.00170411200000
C7B1H1S1P2L2M3J2E1A1,RDF,CL5S,4,12,7,13,840,15,10,MEPDG,0.08663888000000,0.01033113000000
C7B1H1S1P2L2M3J2E1A2,RDF,CL5S,4,12,7,13,840,15,10,MNAVG,0.04459648000000,0.00165731000000
C7B1H1S1P2L2M3J2E1A3,RDF,CL5S,4,12,7,13,840,15,10,MNHVY,0.07699397000000,0.01797852000000
C7B1H1S1P2L2M3J2E2A1,RDF,CL5S,4,12,7,13,840,15,40,MEPDG,0.08663888000000,0.01033113000000
C7B1H1S1P2L2M3J2E2A2,RDF,CL5S,4,12,7,13,840,15,40,MNAVG,0.04459648000000,0.00165731000000
C7B1H1S1P2L2M3J2E2A3,RDF,CL5S,4,12,7,13,840,15,40,MNHVY,0.07699397000000,0.01797852000000
C7B1H1S1P3L1M1J1E1A1,RDF,CL5S,4,12,8,12,340,12,10,MEPDG,19.39331000000000,1.37350400000000
C7B1H1S1P3L1M1J1E1A2,RDF,CL5S,4,12,8,12,340,12,10,MNAVG,12.53857000000000,0.23249870000000
C7B1H1S1P3L1M1J1E1A3,RDF,CL5S,4,12,8,12,340,12,10,MNHVY,21.24103000000000,2.45338400000000
C7B1H1S1P3L1M1J1E2A1,RDF,CL5S,4,12,8,12,340,12,40,MEPDG,10.29173000000000,0.76350880000000
C7B1H1S1P3L1M1J1E2A2,RDF,CL5S,4,12,8,12,340,12,40,MNAVG,6.46537900000000,0.12271200000000
C7B1H1S1P3L1M1J1E2A3,RDF,CL5S,4,12,8,12,340,12,40,MNHVY,10.69565000000000,1.31333700000000
C7B1H1S1P3L1M1J2E1A1,RDF,CL5S,4,12,8,12,340,15,10,MEPDG,36.70558000000000,3.04821000000000
C7B1H1S1P3L1M1J2E1A2,RDF,CL5S,4,12,8,12,340,15,10,MNAVG,27.12859000000000,0.64607880000000
C7B1H1S1P3L1M1J2E1A3,RDF,CL5S,4,12,8,12,340,15,10,MNHVY,49.33205000000000,5.97151900000000
C7B1H1S1P3L1M1J2E2A1,RDF,CL5S,4,12,8,12,340,15,40,MEPDG,21.02629000000000,1.75987100000000
C7B1H1S1P3L1M1J2E2A2,RDF,CL5S,4,12,8,12,340,15,40,MNAVG,15.41431000000000,0.36743280000000
```

```
C7B1H1S1P3L1M1J2E2A3,RDF,CL5S,4,12,8,12,340,15,40,MNHVY,27.68084000000000,3.41621800000000
C7B1H1S1P3L1M2J1E1A1,RDF,CL5S,4,12,8,12,590,12,10,MEPDG,0.57816300000000,0.05549049000000
C7B1H1S1P3L1M2J1E1A2,RDF,CL5S,4,12,8,12,590,12,10,MNAVG,0.22389560000000,0.00810783800000
C7B1H1S1P3L1M2J1E1A3,RDF,CL5S,4,12,8,12,590,12,10,MNHVY,0.33613200000000,0.09262196000000
C7B1H1S1P3L1M2J1E2A1,RDF,CL5S,4,12,8,12,590,12,40,MEPDG,0.23935410000000,0.02760913000000
C7B1H1S1P3L1M2J1E2A2,RDF,CL5S,4,12,8,12,590,12,40,MNAVG,0.09357244000000,0.00365395100000
C7B1H1S1P3L1M2J1E2A3,RDF,CL5S,4,12,8,12,590,12,40,MNHVY,0.12958710000000,0.04286526000000
C7B1H1S1P3L1M2J2E1A1,RDF,CL5S,4,12,8,12,590,15,10,MEPDG,1.99073500000000,0.26961080000000
C7B1H1S1P3L1M2J2E1A2,RDF,CL5S,4,12,8,12,590,15,10,MNAVG,1.04016300000000,0.05299374000000
C7B1H1S1P3L1M2J2E1A3,RDF,CL5S,4,12,8,12,590,15,10,MNHVY,1.96769500000000,0.52803710000000
C7B1H1S1P3L1M2J2E2A1,RDF,CL5S,4,12,8,12,590,15,40,MEPDG,0.93207690000000,0.13624250000000
C7B1H1S1P3L1M2J2E2A2,RDF,CL5S,4,12,8,12,590,15,40,MNAVG,0.50101450000000,0.02586029000000
C7B1H1S1P3L1M2J2E2A3,RDF,CL5S,4,12,8,12,590,15,40,MNHVY,0.89198660000000,0.26096760000000
C7B1H1S1P3L1M3J1E1A1,RDF,CL5S,4,12,8,12,840,12,10,MEPDG,0.03104744000000,0.00274786800000
C7B1H1S1P3L1M3J1E1A2,RDF,CL5S,4,12,8,12,840,12,10,MNAVG,0.00868802100000,0.00030594190000
C7B1H1S1P3L1M3J1E1A3,RDF,CL5S,4,12,8,12,840,12,10,MNHVY,0.01076115000000,0.00380908300000
C7B1H1S1P3L1M3J1E2A1,RDF,CL5S,4,12,8,12,840,12,40,MEPDG,0.01027648000000,0.00134188200000
C7B1H1S1P3L1M3J1E2A2,RDF,CL5S,4,12,8,12,840,12,40,MNAVG,0.00309858000000,0.00012756270000
C7B1H1S1P3L1M3J1E2A3,RDF,CL5S,4,12,8,12,840,12,40,MNHVY,0.00343701500000,0.00164204500000
C7B1H1S1P3L1M3J2E1A1,RDF,CL5S,4,12,8,12,840,15,10,MEPDG,0.17363290000000,0.02393396000000
C7B1H1S1P3L1M3J2E1A2,RDF,CL5S,4,12,8,12,840,15,10,MNAVG,0.06460419000000,0.00403134300000
C7B1H1S1P3L1M3J2E1A3,RDF,CL5S,4,12,8,12,840,15,10,MNHVY,0.12382080000000,0.04451024000000
C7B1H1S1P3L1M3J2E2A1,RDF,CL5S,4,12,8,12,840,15,40,MEPDG,0.06715655000000,0.01110498000000
C7B1H1S1P3L1M3J2E2A2,RDF,CL5S,4,12,8,12,840,15,40,MNAVG,0.02649496000000,0.00175107400000
C7B1H1S1P3L1M3J2E2A3,RDF,CL5S,4,12,8,12,840,15,40,MNHVY,0.04559169000000,0.01973102000000
C7B1H1S1P3L2M1J1E1A1,RDF,CL5S,4,12,8,13,340,12,10,MEPDG,2.49820900000000,0.32526000000000
C7B1H1S1P3L2M1J1E1A2,RDF,CL5S,4,12,8,13,340,12,10,MNAVG,1.51619000000000,0.05466663000000
C7B1H1S1P3L2M1J1E1A3,RDF,CL5S,4,12,8,13,340,12,10,MNHVY,2.51228600000000,0.57245210000000
C7B1H1S1P3L2M1J1E2A1,RDF,CL5S,4,12,8,13,340,12,40,MEPDG,2.49820900000000,0.32526000000000
C7B1H1S1P3L2M1J1E2A2,RDF,CL5S,4,12,8,13,340,12,40,MNAVG,1.51619000000000,0.05466663000000
C7B1H1S1P3L2M1J1E2A3,RDF,CL5S,4,12,8,13,340,12,40,MNHVY,2.51228600000000,0.57245210000000
C7B1H1S1P3L2M1J2E1A1,RDF,CL5S,4,12,8,13,340,15,10,MEPDG,5.46996500000000,0.89537010000000
C7B1H1S1P3L2M1J2E1A2,RDF,CL5S,4,12,8,13,340,15,10,MNAVG,3.95598600000000,0.19410230000000
C7B1H1S1P3L2M1J2E1A3,RDF,CL5S,4,12,8,13,340,15,10,MNHVY,7.10606400000000,1.75222100000000
C7B1H1S1P3L2M1J2E2A1,RDF,CL5S,4,12,8,13,340,15,40,MEPDG,5.46996500000000,0.89537010000000
C7B1H1S1P3L2M1J2E2A2,RDF,CL5S,4,12,8,13,340,15,40,MNAVG,3.95598600000000,0.19410230000000
C7B1H1S1P3L2M1J2E2A3,RDF,CL5S,4,12,8,13,340,15,40,MNHVY,7.10606400000000,1.75222100000000
C7B1H1S1P3L2M2J1E1A1,RDF,CL5S,4,12,8,13,590,12,10,MEPDG,0.05162601000000,0.01074772000000
C7B1H1S1P3L2M2J1E1A2,RDF,CL5S,4,12,8,13,590,12,10,MNAVG,0.01976521000000,0.00146884200000
C7B1H1S1P3L2M2J1E1A3,RDF,CL5S,4,12,8,13,590,12,10,MNHVY,0.02693047000000,0.01697934000000
C7B1H1S1P3L2M2J1E2A1,RDF,CL5S,4,12,8,13,590,12,40,MEPDG,0.05162601000000,0.01074772000000
C7B1H1S1P3L2M2J1E2A2,RDF,CL5S,4,12,8,13,590,12,40,MNAVG,0.01976521000000,0.00146884200000
C7B1H1S1P3L2M2J1E2A3,RDF,CL5S,4,12,8,13,590,12,40,MNHVY,0.02693047000000,0.01697934000000
C7B1H1S1P3L2M2J2E1A1,RDF,CL5S,4,12,8,13,590,15,10,MEPDG,0.22197460000000,0.06426190000000
C7B1H1S1P3L2M2J2E1A2,RDF,CL5S,4,12,8,13,590,15,10,MNAVG,0.11862920000000,0.01250245000000
C7B1H1S1P3L2M2J2E1A3,RDF,CL5S,4,12,8,13,590,15,10,MNHVY,0.20982090000000,0.12448500000000
C7B1H1S1P3L2M2J2E2A1,RDF,CL5S,4,12,8,13,590,15,40,MEPDG,0.22197460000000,0.06426190000000
C7B1H1S1P3L2M2J2E2A2,RDF,CL5S,4,12,8,13,590,15,40,MNAVG,0.11862920000000,0.01250245000000
C7B1H1S1P3L2M2J2E2A3,RDF,CL5S,4,12,8,13,590,15,40,MNHVY,0.20982090000000,0.12448500000000
C7B1H1S1P3L2M3J1E1A1,RDF,CL5S,4,12,8,13,840,12,10,MEPDG,0.00200528600000,0.00047770770000
```

```
C7B1H1S1P3L2M3J1E1A2,RDF,CL5S,4,12,8,13,840,12,10,MNAVG,0.00060906940000,0.00004540265000
C7B1H1S1P3L2M3J1E1A3,RDF,CL5S,4,12,8,13,840,12,10,MNHVY,0.00065568000000,0.00058210030000
C7B1H1S1P3L2M3J1E2A1,RDF,CL5S,4,12,8,13,840,12,40,MEPDG,0.00200528600000,0.00047770770000
C7B1H1S1P3L2M3J1E2A2,RDF,CL5S,4,12,8,13,840,12,40,MNAVG,0.00060906940000,0.00004540265000
C7B1H1S1P3L2M3J1E2A3,RDF,CL5S,4,12,8,13,840,12,40,MNHVY,0.00065568000000,0.00058210030000
C7B1H1S1P3L2M3J2E1A1,RDF,CL5S,4,12,8,13,840,15,10,MEPDG,0.01459179000000,0.00467830000000
C7B1H1S1P3L2M3J2E1A2,RDF,CL5S,4,12,8,13,840,15,10,MNAVG,0.00575495700000,0.00074395390000
C7B1H1S1P3L2M3J2E1A3,RDF,CL5S,4,12,8,13,840,15,10,MNHVY,0.00971537500000,0.00834913000000
C7B1H1S1P3L2M3J2E2A1,RDF,CL5S,4,12,8,13,840,15,40,MEPDG,0.01459179000000,0.00467830000000
C7B1H1S1P3L2M3J2E2A2,RDF,CL5S,4,12,8,13,840,15,40,MNAVG,0.00575495700000,0.00074395390000
C7B1H1S1P3L2M3J2E2A3,RDF,CL5S,4,12,8,13,840,15,40,MNHVY,0.00971537500000,0.00834913000000
C7B1H1S1P4L1M1J1E1A1,RDF,CL5S,4,12,9,12,340,12,10,MEPDG,5.66373000000000,0.85862430000000
C7B1H1S1P4L1M1J1E1A2,RDF,CL5S,4,12,9,12,340,12,10,MNAVG,2.91971800000000,0.14518000000000
C7B1H1S1P4L1M1J1E1A3,RDF,CL5S,4,12,9,12,340,12,10,MNHVY,4.84088800000000,1.58832200000000
C7B1H1S1P4L1M1J1E2A1,RDF,CL5S,4,12,9,12,340,12,40,MEPDG,2.71366400000000,0.47053970000000
C7B1H1S1P4L1M1J1E2A2,RDF,CL5S,4,12,9,12,340,12,40,MNAVG,1.38522400000000,0.07548936000000
C7B1H1S1P4L1M1J1E2A3,RDF,CL5S,4,12,9,12,340,12,40,MNHVY,2.16690700000000,0.83756430000000
C7B1H1S1P4L1M1J2E1A1,RDF,CL5S,4,12,9,12,340,15,10,MEPDG,14.42638000000000,2.43103800000000
C7B1H1S1P4L1M1J2E1A2,RDF,CL5S,4,12,9,12,340,15,10,MNAVG,9.26657400000000,0.50952700000000
C7B1H1S1P4L1M1J2E1A3,RDF,CL5S,4,12,9,12,340,15,10,MNHVY,17.46667000000000,4.87383200000000
C7B1H1S1P4L1M1J2E2A1,RDF,CL5S,4,12,9,12,340,15,40,MEPDG,7.63732700000000,1.40847600000000
C7B1H1S1P4L1M1J2E2A2,RDF,CL5S,4,12,9,12,340,15,40,MNAVG,4.97515900000000,0.29173820000000
C7B1H1S1P4L1M1J2E2A3,RDF,CL5S,4,12,9,12,340,15,40,MNHVY,9.01828600000000,2.79194100000000
C7B1H1S1P4L1M2J1E1A1,RDF,CL5S,4,12,9,12,590,12,10,MEPDG,0.10081760000000,0.02151455000000
C7B1H1S1P4L1M2J1E1A2,RDF,CL5S,4,12,9,12,590,12,10,MNAVG,0.02912753000000,0.00302455100000
C7B1H1S1P4L1M2J1E1A3,RDF,CL5S,4,12,9,12,590,12,10,MNHVY,0.03938637000000,0.03594675000000
C7B1H1S1P4L1M2J1E2A1,RDF,CL5S,4,12,9,12,590,12,40,MEPDG,0.03572908000000,0.01093741000000
C7B1H1S1P4L1M2J1E2A2,RDF,CL5S,4,12,9,12,590,12,40,MNAVG,0.01094554000000,0.00141482900000
C7B1H1S1P4L1M2J1E2A3,RDF,CL5S,4,12,9,12,590,12,40,MNHVY,0.01319857000000,0.01714742000000
C7B1H1S1P4L1M2J2E1A1,RDF,CL5S,4,12,9,12,590,15,10,MEPDG,0.49191560000000,0.14178800000000
C7B1H1S1P4L1M2J2E1A2,RDF,CL5S,4,12,9,12,590,15,10,MNAVG,0.19567810000000,0.02674747000000
C7B1H1S1P4L1M2J2E1A3,RDF,CL5S,4,12,9,12,590,15,10,MNHVY,0.37825620000000,0.28184500000000
C7B1H1S1P4L1M2J2E2A1,RDF,CL5S,4,12,9,12,590,15,40,MEPDG,0.20313490000000,0.07286566000000
C7B1H1S1P4L1M2J2E2A2,RDF,CL5S,4,12,9,12,590,15,40,MNAVG,0.08534937000000,0.01334891000000
C7B1H1S1P4L1M2J2E2A3,RDF,CL5S,4,12,9,12,590,15,40,MNHVY,0.14939310000000,0.14172730000000
C7B1H1S1P4L1M3J1E1A1,RDF,CL5S,4,12,9,12,840,12,10,MEPDG,0.00348737800000,0.00075970850000
C7B1H1S1P4L1M3J1E1A2,RDF,CL5S,4,12,9,12,840,12,10,MNAVG,0.00083501630000,0.00007864856000
C7B1H1S1P4L1M3J1E1A3,RDF,CL5S,4,12,9,12,840,12,10,MNHVY,0.00084505000000,0.00101497000000
C7B1H1S1P4L1M3J1E2A1,RDF,CL5S,4,12,9,12,840,12,40,MEPDG,0.00096134410000,0.00039816860000
C7B1H1S1P4L1M3J1E2A2,RDF,CL5S,4,12,9,12,840,12,40,MNAVG,0.00026779060000,0.00003600232000
C7B1H1S1P4L1M3J1E2A3,RDF,CL5S,4,12,9,12,840,12,40,MNHVY,0.00024217510000,0.00047469580000
C7B1H1S1P4L1M3J2E1A1,RDF,CL5S,4,12,9,12,840,15,10,MEPDG,0.02766630000000,0.00910208700000
C7B1H1S1P4L1M3J2E1A2,RDF,CL5S,4,12,9,12,840,15,10,MNAVG,0.00743431200000,0.00143751700000
C7B1H1S1P4L1M3J2E1A3,RDF,CL5S,4,12,9,12,840,15,10,MNHVY,0.01347029000000,0.01671412000000
C7B1H1S1P4L1M3J2E2A1,RDF,CL5S,4,12,9,12,840,15,40,MEPDG,0.00898056000000,0.00442276400000
C7B1H1S1P4L1M3J2E2A2,RDF,CL5S,4,12,9,12,840,15,40,MNAVG,0.00266228000000,0.00065815730000
C7B1H1S1P4L1M3J2E2A3,RDF,CL5S,4,12,9,12,840,15,40,MNHVY,0.00410052400000,0.00778265400000
C7B1H1S1P4L2M1J1E1A1,RDF,CL5S,4,12,9,13,340,12,10,MEPDG,0.62980280000000,0.20452790000000
C7B1H1S1P4L2M1J1E1A2,RDF,CL5S,4,12,9,13,340,12,10,MNAVG,0.31166130000000,0.03412708000000
C7B1H1S1P4L2M1J1E1A3,RDF,CL5S,4,12,9,13,340,12,10,MNHVY,0.48325950000000,0.37077050000000
```

```
C7B1H1S1P4L2M1J1E2A1,RDF,CL5S,4,12,9,13,340,12,40,MEPDG,0.62980280000000,0.20452790000000
C7B1H1S1P4L2M1J1E2A2,RDF,CL5S,4,12,9,13,340,12,40,MNAVG,0.31166130000000,0.03412708000000
C7B1H1S1P4L2M1J1E2A3,RDF,CL5S,4,12,9,13,340,12,40,MNHVY,0.48325950000000,0.37077050000000
C7B1H1S1P4L2M1J2E1A1,RDF,CL5S,4,12,9,13,340,15,10,MEPDG,1.94032500000000,0.73422670000000
C7B1H1S1P4L2M1J2E1A2,RDF,CL5S,4,12,9,13,340,15,10,MNAVG,1.25428100000000,0.15687960000000
C7B1H1S1P4L2M1J2E1A3,RDF,CL5S,4,12,9,13,340,15,10,MNHVY,2.26127100000000,1.46795500000000
C7B1H1S1P4L2M1J2E2A1,RDF,CL5S,4,12,9,13,340,15,40,MEPDG,1.94032500000000,0.73422670000000
C7B1H1S1P4L2M1J2E2A2,RDF,CL5S,4,12,9,13,340,15,40,MNAVG,1.25428100000000,0.15687960000000
C7B1H1S1P4L2M1J2E2A3,RDF,CL5S,4,12,9,13,340,15,40,MNHVY,2.26127100000000,1.46795500000000
C7B1H1S1P4L2M2J1E1A1,RDF,CL5S,4,12,9,13,590,12,10,MEPDG,0.00724778500000,0.00432908500000
C7B1H1S1P4L2M2J1E1A2,RDF,CL5S,4,12,9,13,590,12,10,MNAVG,0.00222917900000,0.00057407450000
C7B1H1S1P4L2M2J1E1A3,RDF,CL5S,4,12,9,13,590,12,10,MNHVY,0.00261906700000,0.00687536200000
C7B1H1S1P4L2M2J1E2A1,RDF,CL5S,4,12,9,13,590,12,40,MEPDG,0.00724778500000,0.00432908500000
C7B1H1S1P4L2M2J1E2A2,RDF,CL5S,4,12,9,13,590,12,40,MNAVG,0.00222917900000,0.00057407450000
C7B1H1S1P4L2M2J1E2A3,RDF,CL5S,4,12,9,13,590,12,40,MNHVY,0.00261906700000,0.00687536200000
C7B1H1S1P4L2M2J2E1A1,RDF,CL5S,4,12,9,13,590,15,10,MEPDG,0.04572910000000,0.03495079000000
C7B1H1S1P4L2M2J2E1A2,RDF,CL5S,4,12,9,13,590,15,10,MNAVG,0.01920039000000,0.00656114600000
C7B1H1S1P4L2M2J2E1A3,RDF,CL5S,4,12,9,13,590,15,10,MNHVY,0.03296875000000,0.06854843000000
C7B1H1S1P4L2M2J2E2A1,RDF,CL5S,4,12,9,13,590,15,40,MEPDG,0.04572910000000,0.03495079000000
C7B1H1S1P4L2M2J2E2A2,RDF,CL5S,4,12,9,13,590,15,40,MNAVG,0.01920039000000,0.00656114600000
C7B1H1S1P4L2M2J2E2A3,RDF,CL5S,4,12,9,13,590,15,40,MNHVY,0.03296875000000,0.06854843000000
C7B1H1S1P4L2M3J1E1A1,RDF,CL5S,4,12,9,13,840,12,10,MEPDG,0.00017344110000,0.00014844260000
C7B1H1S1P4L2M3J1E1A2,RDF,CL5S,4,12,9,13,840,12,10,MNAVG,0.00005003369000,0.00001337555000
C7B1H1S1P4L2M3J1E1A3,RDF,CL5S,4,12,9,13,840,12,10,MNHVY,0.00004371365000,0.00017583650000
C7B1H1S1P4L2M3J1E2A1,RDF,CL5S,4,12,9,13,840,12,40,MEPDG,0.00017344110000,0.00014844260000
C7B1H1S1P4L2M3J1E2A2,RDF,CL5S,4,12,9,13,840,12,40,MNAVG,0.00005003369000,0.00001337555000
C7B1H1S1P4L2M3J1E2A3,RDF,CL5S,4,12,9,13,840,12,40,MNHVY,0.00004371365000,0.00017583650000
C7B1H1S1P4L2M3J2E1A1,RDF,CL5S,4,12,9,13,840,15,10,MEPDG,0.00185513600000,0.00196316000000
C7B1H1S1P4L2M3J2E1A2,RDF,CL5S,4,12,9,13,840,15,10,MNAVG,0.00056144000000,0.00029724830000
C7B1H1S1P4L2M3J2E1A3,RDF,CL5S,4,12,9,13,840,15,10,MNHVY,0.00085377540000,0.00347679000000
C7B1H1S1P4L2M3J2E2A1,RDF,CL5S,4,12,9,13,840,15,40,MEPDG,0.00185513600000,0.00196316000000
C7B1H1S1P4L2M3J2E2A2,RDF,CL5S,4,12,9,13,840,15,40,MNAVG,0.00056144000000,0.00029724830000
C7B1H1S1P4L2M3J2E2A3,RDF,CL5S,4,12,9,13,840,15,40,MNHVY,0.00085377540000,0.00347679000000
C7B1H1S1P5L1M1J1E1A1,RDF,CL5S,4,12,10,12,340,12,10,MEPDG,1.51626900000000,0.46860000000000
C7B1H1S1P5L1M1J1E1A2,RDF,CL5S,4,12,10,12,340,12,10,MNAVG,0.59797970000000,0.07497083000000
C7B1H1S1P5L1M1J1E1A3,RDF,CL5S,4,12,10,12,340,12,10,MNHVY,0.95010000000000,0.86503150000000
C7B1H1S1P5L1M1J1E2A1,RDF,CL5S,4,12,10,12,340,12,40,MEPDG,0.64920570000000,0.26109990000000
C7B1H1S1P5L1M1J1E2A2,RDF,CL5S,4,12,10,12,340,12,40,MNAVG,0.25900790000000,0.04006307000000
C7B1H1S1P5L1M1J1E2A3,RDF,CL5S,4,12,10,12,340,12,40,MNHVY,0.37560260000000,0.46595980000000
C7B1H1S1P5L1M1J2E1A1,RDF,CL5S,4,12,10,12,340,15,10,MEPDG,5.00221000000000,1.66936500000000
C7B1H1S1P5L1M1J2E1A2,RDF,CL5S,4,12,10,12,340,15,10,MNAVG,2.65812100000000,0.33329660000000
C7B1H1S1P5L1M1J2E1A3,RDF,CL5S,4,12,10,12,340,15,10,MNHVY,5.14566100000000,3.38999100000000
C7B1H1S1P5L1M1J2E2A1,RDF,CL5S,4,12,10,12,340,15,40,MEPDG,2.42870500000000,0.97176570000000
C7B1H1S1P5L1M1J2E2A2,RDF,CL5S,4,12,10,12,340,15,40,MNAVG,1.33718400000000,0.19240720000000
C7B1H1S1P5L1M1J2E2A3,RDF,CL5S,4,12,10,12,340,15,40,MNHVY,2.42454600000000,1.94954700000000
C7B1H1S1P5L1M2J1E1A1,RDF,CL5S,4,12,10,12,590,12,10,MEPDG,0.01574737000000,0.00760509500000
C7B1H1S1P5L1M2J1E1A2,RDF,CL5S,4,12,10,12,590,12,10,MNAVG,0.00372347100000,0.00094409220000
C7B1H1S1P5L1M2J1E1A3,RDF,CL5S,4,12,10,12,590,12,10,MNHVY,0.00426193100000,0.01203034000000
C7B1H1S1P5L1M2J1E2A1,RDF,CL5S,4,12,10,12,590,12,40,MEPDG,0.00480517000000,0.00417944800000
C7B1H1S1P5L1M2J1E2A2,RDF,CL5S,4,12,10,12,590,12,40,MNAVG,0.00129387300000,0.00049199620000
```

```
C7B1H1S1P5L1M2J1E2A3,RDF,CL5S,4,12,10,12,590,12,40,MNHVY,0.00131121900000,0.00628202500000
C7B1H1S1P5L1M2J2E1A1,RDF,CL5S,4,12,10,12,590,15,10,MEPDG,0.09981733000000,0.06564396000000
C7B1H1S1P5L1M2J2E1A2,RDF,CL5S,4,12,10,12,590,15,10,MNAVG,0.02940163000000,0.01134854000000
C7B1H1S1P5L1M2J2E1A3,RDF,CL5S,4,12,10,12,590,15,10,MNHVY,0.05438727000000,0.12824230000000
C7B1H1S1P5L1M2J2E2A1,RDF,CL5S,4,12,10,12,590,15,40,MEPDG,0.03606557000000,0.03514718000000
C7B1H1S1P5L1M2J2E2A2,RDF,CL5S,4,12,10,12,590,15,40,MNAVG,0.01160969000000,0.00595076600000
C7B1H1S1P5L1M2J2E2A3,RDF,CL5S,4,12,10,12,590,15,40,MNHVY,0.01880733000000,0.06735916000000
C7B1H1S1P5L1M3J1E1A1,RDF,CL5S,4,12,10,12,840,12,10,MEPDG,0.00039398460000,0.00022083870000
C7B1H1S1P5L1M3J1E1A2,RDF,CL5S,4,12,10,12,840,12,10,MNAVG,0.00008764239000,0.00001938990000
C7B1H1S1P5L1M3J1E1A3,RDF,CL5S,4,12,10,12,840,12,10,MNHVY,0.00007285045000,0.00026902940000
C7B1H1S1P5L1M3J1E2A1,RDF,CL5S,4,12,10,12,840,12,40,MEPDG,0.00009136143000,0.00012738990000
C7B1H1S1P5L1M3J1E2A2,RDF,CL5S,4,12,10,12,840,12,40,MNAVG,0.00002510604000,0.00001022378000
C7B1H1S1P5L1M3J1E2A3,RDF,CL5S,4,12,10,12,840,12,40,MNHVY,0.00001884658000,0.00014174310000
C7B1H1S1P5L1M3J2E1A1,RDF,CL5S,4,12,10,12,840,15,10,MEPDG,0.00345931200000,0.00346393300000
C7B1H1S1P5L1M3J2E1A2,RDF,CL5S,4,12,10,12,840,15,10,MNAVG,0.00071579600000,0.00049098420000
C7B1H1S1P5L1M3J2E1A3,RDF,CL5S,4,12,10,12,840,15,10,MNHVY,0.00105032200000,0.00608093700000
C7B1H1S1P5L1M3J2E2A1,RDF,CL5S,4,12,10,12,840,15,40,MEPDG,0.00097204480000,0.00177262700000
C7B1H1S1P5L1M3J2E2A2,RDF,CL5S,4,12,10,12,840,15,40,MNAVG,0.00023654110000,0.00023880670000
C7B1H1S1P5L1M3J2E2A3,RDF,CL5S,4,12,10,12,840,15,40,MNHVY,0.00029598870000,0.00298255700000
C7B1H1S1P5L2M1J1E1A1,RDF,CL5S,4,12,10,13,340,12,10,MEPDG,0.14344890000000,0.11459090000000
C7B1H1S1P5L2M1J1E1A2,RDF,CL5S,4,12,10,13,340,12,10,MNAVG,0.05599262000000,0.01811959000000
C7B1H1S1P5L2M1J1E1A3,RDF,CL5S,4,12,10,13,340,12,10,MNHVY,0.07954185000000,0.20745220000000
C7B1H1S1P5L2M1J1E2A1,RDF,CL5S,4,12,10,13,340,12,40,MEPDG,0.14344890000000,0.11459090000000
C7B1H1S1P5L2M1J1E2A2,RDF,CL5S,4,12,10,13,340,12,40,MNAVG,0.05599262000000,0.01811959000000
C7B1H1S1P5L2M1J1E2A3,RDF,CL5S,4,12,10,13,340,12,40,MNHVY,0.07954185000000,0.20745220000000
C7B1H1S1P5L2M1J2E1A1,RDF,CL5S,4,12,10,13,340,15,10,MEPDG,0.59334150000000,0.51234140000000
C7B1H1S1P5L2M1J2E1A2,RDF,CL5S,4,12,10,13,340,15,10,MNAVG,0.32542480000000,0.10445720000000
C7B1H1S1P5L2M1J2E1A3,RDF,CL5S,4,12,10,13,340,15,10,MNHVY,0.58294480000000,1.03607700000000
C7B1H1S1P5L2M1J2E2A1,RDF,CL5S,4,12,10,13,340,15,40,MEPDG,0.59334150000000,0.51234140000000
C7B1H1S1P5L2M1J2E2A2,RDF,CL5S,4,12,10,13,340,15,40,MNAVG,0.32542480000000,0.10445720000000
C7B1H1S1P5L2M1J2E2A3,RDF,CL5S,4,12,10,13,340,15,40,MNHVY,0.58294480000000,1.03607700000000
C7B1H1S1P5L2M2J1E1A1,RDF,CL5S,4,12,10,13,590,12,10,MEPDG,0.00090783870000,0.00165882600000
C7B1H1S1P5L2M2J1E1A2,RDF,CL5S,4,12,10,13,590,12,10,MNAVG,0.00025167810000,0.00019734860000
C7B1H1S1P5L2M2J1E1A3,RDF,CL5S,4,12,10,13,590,12,10,MNHVY,0.00024564420000,0.00250913900000
C7B1H1S1P5L2M2J1E2A1,RDF,CL5S,4,12,10,13,590,12,40,MEPDG,0.00090783870000,0.00165882600000
C7B1H1S1P5L2M2J1E2A2,RDF,CL5S,4,12,10,13,590,12,40,MNAVG,0.00025167810000,0.00019734860000
C7B1H1S1P5L2M2J1E2A3,RDF,CL5S,4,12,10,13,590,12,40,MNHVY,0.00024564420000,0.00250913900000
C7B1H1S1P5L2M2J2E1A1,RDF,CL5S,4,12,10,13,590,15,10,MEPDG,0.00762043800000,0.01702457000000
C7B1H1S1P5L2M2J2E1A2,RDF,CL5S,4,12,10,13,590,15,10,MNAVG,0.00248020200000,0.00295448000000
C7B1H1S1P5L2M2J2E1A3,RDF,CL5S,4,12,10,13,590,15,10,MNHVY,0.00389505500000,0.03290486000000
C7B1H1S1P5L2M2J2E2A1,RDF,CL5S,4,12,10,13,590,15,40,MEPDG,0.00762043800000,0.01702457000000
C7B1H1S1P5L2M2J2E2A2,RDF,CL5S,4,12,10,13,590,15,40,MNAVG,0.00248020200000,0.00295448000000
C7B1H1S1P5L2M2J2E2A3,RDF,CL5S,4,12,10,13,590,15,40,MNHVY,0.00389505500000,0.03290486000000
C7B1H1S1P5L2M3J1E1A1,RDF,CL5S,4,12,10,13,840,12,10,MEPDG,0.00001532421000,0.00005076932000
C7B1H1S1P5L2M3J1E1A2,RDF,CL5S,4,12,10,13,840,12,10,MNAVG,0.00000443542600,0.00000406535300
C7B1H1S1P5L2M3J1E1A3,RDF,CL5S,4,12,10,13,840,12,10,MNHVY,0.00000322125600,0.00005634929000
C7B1H1S1P5L2M3J1E2A1,RDF,CL5S,4,12,10,13,840,12,40,MEPDG,0.00001532421000,0.00005076932000
C7B1H1S1P5L2M3J1E2A2,RDF,CL5S,4,12,10,13,840,12,40,MNAVG,0.00000443542600,0.00000406535300
C7B1H1S1P5L2M3J1E2A3,RDF,CL5S,4,12,10,13,840,12,40,MNHVY,0.00000322125600,0.00005634929000
C7B1H1S1P5L2M3J2E1A1,RDF,CL5S,4,12,10,13,840,15,10,MEPDG,0.00018236530000,0.00081118910000
```

```
C7B1H1S1P5L2M3J2E1A2,RDF,CL5S,4,12,10,13,840,15,10,MNAVG,0.00004601243000,0.00011075310000
C7B1H1S1P5L2M3J2E1A3,RDF,CL5S,4,12,10,13,840,15,10,MNHVY,0.00005536109000,0.00137142400000
C7B1H1S1P5L2M3J2E2A1,RDF,CL5S,4,12,10,13,840,15,40,MEPDG,0.00018236530000,0.00081118910000
C7B1H1S1P5L2M3J2E2A2,RDF,CL5S,4,12,10,13,840,15,40,MNAVG,0.00004601243000,0.00011075310000
C7B1H1S1P5L2M3J2E2A3,RDF,CL5S,4,12,10,13,840,15,40,MNHVY,0.00005536109000,0.00137142400000
C7B1H1S1P6L1M1J1E1A1,RDF,CL5S,4,12,11,12,340,12,10,MEPDG,0.38016060000000,0.23375490000000
C7B1H1S1P6L1M1J1E1A2,RDF,CL5S,4,12,11,12,340,12,10,MNAVG,0.11455780000000,0.03361789000000
C7B1H1S1P6L1M1J1E1A3,RDF,CL5S,4,12,11,12,340,12,10,MNHVY,0.16935420000000,0.41648520000000
C7B1H1S1P6L1M1J1E2A1,RDF,CL5S,4,12,11,12,340,12,40,MEPDG,0.14536560000000,0.13359940000000
C7B1H1S1P6L1M1J1E2A2,RDF,CL5S,4,12,11,12,340,12,40,MNAVG,0.04590547000000,0.01868541000000
C7B1H1S1P6L1M1J1E2A3,RDF,CL5S,4,12,11,12,340,12,40,MNHVY,0.06032791000000,0.23113730000000
C7B1H1S1P6L1M1J2E1A1,RDF,CL5S,4,12,11,12,340,15,10,MEPDG,1.58275700000000,1.03425800000000
C7B1H1S1P6L1M1J2E1A2,RDF,CL5S,4,12,11,12,340,15,10,MNAVG,0.67121820000000,0.19166110000000
C7B1H1S1P6L1M1J2E1A3,RDF,CL5S,4,12,11,12,340,15,10,MNHVY,1.31206000000000,2.08965200000000
C7B1H1S1P6L1M1J2E2A1,RDF,CL5S,4,12,11,12,340,15,40,MEPDG,0.69700310000000,0.61129580000000
C7B1H1S1P6L1M1J2E2A2,RDF,CL5S,4,12,11,12,340,15,40,MNAVG,0.31238340000000,0.11300880000000
C7B1H1S1P6L1M1J2E2A3,RDF,CL5S,4,12,11,12,340,15,40,MNHVY,0.55643420000000,1.22208000000000
C7B1H1S1P6L1M2J1E1A1,RDF,CL5S,4,12,11,12,590,12,10,MEPDG,0.00257003600000,0.00275861300000
C7B1H1S1P6L1M2J1E1A2,RDF,CL5S,4,12,11,12,590,12,10,MNAVG,0.00054680600000,0.00028838780000
C7B1H1S1P6L1M2J1E1A3,RDF,CL5S,4,12,11,12,590,12,10,MNHVY,0.00053527670000,0.00398991500000
C7B1H1S1P6L1M2J1E2A1,RDF,CL5S,4,12,11,12,590,12,40,MEPDG,0.00068029780000,0.00161974700000
C7B1H1S1P6L1M2J1E2A2,RDF,CL5S,4,12,11,12,590,12,40,MNAVG,0.00017480960000,0.00016394360000
C7B1H1S1P6L1M2J1E2A3,RDF,CL5S,4,12,11,12,590,12,40,MNHVY,0.00015163500000,0.00224779800000
C7B1H1S1P6L1M2J2E1A1,RDF,CL5S,4,12,11,12,590,15,10,MEPDG,0.01783571000000,0.02923173000000
C7B1H1S1P6L1M2J2E1A2,RDF,CL5S,4,12,11,12,590,15,10,MNAVG,0.00402523000000,0.00447407400000
C7B1H1S1P6L1M2J2E1A3,RDF,CL5S,4,12,11,12,590,15,10,MNHVY,0.00650399600000,0.05471507000000
C7B1H1S1P6L1M2J2E2A1,RDF,CL5S,4,12,11,12,590,15,40,MEPDG,0.00562947900000,0.01624820000000
C7B1H1S1P6L1M2J2E2A2,RDF,CL5S,4,12,11,12,590,15,40,MNAVG,0.00145271700000,0.00246834100000
C7B1H1S1P6L1M2J2E2A3,RDF,CL5S,4,12,11,12,590,15,40,MNHVY,0.00201086700000,0.02995723000000
C7B1H1S1P6L1M3J1E1A1,RDF,CL5S,4,12,11,12,840,12,10,MEPDG,0.00005194850000,0.00006277786000
C7B1H1S1P6L1M3J1E1A2,RDF,CL5S,4,12,11,12,840,12,10,MNAVG,0.00001033166000,0.00000491712200
C7B1H1S1P6L1M3J1E1A3,RDF,CL5S,4,12,11,12,840,12,10,MNHVY,0.00000781338000,0.00007284639000
C7B1H1S1P6L1M3J1E2A1,RDF,CL5S,4,12,11,12,840,12,40,MEPDG,0.00001060017000,0.00004139257000
C7B1H1S1P6L1M3J1E2A2,RDF,CL5S,4,12,11,12,840,12,40,MNAVG,0.00000272767400,0.00000293247100
C7B1H1S1P6L1M3J1E2A3,RDF,CL5S,4,12,11,12,840,12,40,MNHVY,0.00000186512800,0.00004312599000
C7B1H1S1P6L1M3J2E1A1,RDF,CL5S,4,12,11,12,840,15,10,MEPDG,0.00039767630000,0.00130681200000
C7B1H1S1P6L1M3J2E1A2,RDF,CL5S,4,12,11,12,840,15,10,MNAVG,0.00007046151000,0.00015815950000
C7B1H1S1P6L1M3J2E1A3,RDF,CL5S,4,12,11,12,840,15,10,MNHVY,0.00008440716000,0.00211817300000
C7B1H1S1P6L1M3J2E2A1,RDF,CL5S,4,12,11,12,840,15,40,MEPDG,0.00009941817000,0.00071873920000
C7B1H1S1P6L1M3J2E2A2,RDF,CL5S,4,12,11,12,840,15,40,MNAVG,0.00002184736000,0.00008338786000
C7B1H1S1P6L1M3J2E2A3,RDF,CL5S,4,12,11,12,840,15,40,MNHVY,0.00002352958000,0.00111375700000
C7B1H1S1P6L2M1J1E1A1,RDF,CL5S,4,12,11,13,340,12,10,MEPDG,0.03050485000000,0.05943608000000
C7B1H1S1P6L2M1J1E1A2,RDF,CL5S,4,12,11,13,340,12,10,MNAVG,0.00958711700000,0.00849690500000
C7B1H1S1P6L2M1J1E1A3,RDF,CL5S,4,12,11,13,340,12,10,MNHVY,0.01219284000000,0.10414820000000
C7B1H1S1P6L2M1J1E2A1,RDF,CL5S,4,12,11,13,340,12,40,MEPDG,0.03050485000000,0.05943608000000
C7B1H1S1P6L2M1J1E2A2,RDF,CL5S,4,12,11,13,340,12,40,MNAVG,0.00958711700000,0.00849690500000
C7B1H1S1P6L2M1J1E2A3,RDF,CL5S,4,12,11,13,340,12,40,MNHVY,0.01219284000000,0.10414820000000
C7B1H1S1P6L2M1J2E1A1,RDF,CL5S,4,12,11,13,340,15,10,MEPDG,0.16237520000000,0.32448030000000
C7B1H1S1P6L2M1J2E1A2,RDF,CL5S,4,12,11,13,340,15,10,MNAVG,0.07280088000000,0.06165882000000
C7B1H1S1P6L2M1J2E1A3,RDF,CL5S,4,12,11,13,340,15,10,MNHVY,0.12704930000000,0.65382240000000
```

```
C7B1H1S1P6L2M1J2E2A1,RDF,CL5S,4,12,11,13,340,15,40,MEPDG,0.16237520000000,0.32448030000000
C7B1H1S1P6L2M1J2E2A2,RDF,CL5S,4,12,11,13,340,15,40,MNAVG,0.07280088000000,0.06165882000000
C7B1H1S1P6L2M1J2E2A3,RDF,CL5S,4,12,11,13,340,15,40,MNHVY,0.12704930000000,0.65382240000000
C7B1H1S1P6L2M2J1E1A1,RDF,CL5S,4,12,11,13,590,12,10,MEPDG,0.00012136780000,0.00067170410000
C7B1H1S1P6L2M2J1E1A2,RDF,CL5S,4,12,11,13,590,12,10,MNAVG,0.00003271900000,0.00006890234000
C7B1H1S1P6L2M2J1E1A3,RDF,CL5S,4,12,11,13,590,12,10,MNHVY,0.00002736963000,0.00094187830000
C7B1H1S1P6L2M2J1E2A1,RDF,CL5S,4,12,11,13,590,12,40,MEPDG,0.00012136780000,0.00067170410000
C7B1H1S1P6L2M2J1E2A2,RDF,CL5S,4,12,11,13,590,12,40,MNAVG,0.00003271900000,0.00006890234000
C7B1H1S1P6L2M2J1E2A3,RDF,CL5S,4,12,11,13,590,12,40,MNHVY,0.00002736963000,0.00094187830000
C7B1H1S1P6L2M2J2E1A1,RDF,CL5S,4,12,11,13,590,15,10,MEPDG,0.00111246800000,0.00809800300000
C7B1H1S1P6L2M2J2E1A2,RDF,CL5S,4,12,11,13,590,15,10,MNAVG,0.00029516360000,0.00125885600000
C7B1H1S1P6L2M2J2E1A3,RDF,CL5S,4,12,11,13,590,15,10,MNHVY,0.00039202720000,0.01510213000000
C7B1H1S1P6L2M2J2E2A1,RDF,CL5S,4,12,11,13,590,15,40,MEPDG,0.00111246800000,0.00809800300000
C7B1H1S1P6L2M2J2E2A2,RDF,CL5S,4,12,11,13,590,15,40,MNAVG,0.00029516360000,0.00125885600000
C7B1H1S1P6L2M2J2E2A3,RDF,CL5S,4,12,11,13,590,15,40,MNHVY,0.00039202720000,0.01510213000000
C7B1H1S1P6L2M3J1E1A1,RDF,CL5S,4,12,11,13,840,12,10,MEPDG,0.00000182225900,0.00001805189000
C7B1H1S1P6L2M3J1E1A2,RDF,CL5S,4,12,11,13,840,12,10,MNAVG,0.00000048693730,0.00000126393900
C7B1H1S1P6L2M3J1E1A3,RDF,CL5S,4,12,11,13,840,12,10,MNHVY,0.00000033468080,0.00001863831000
C7B1H1S1P6L2M3J1E2A1,RDF,CL5S,4,12,11,13,840,12,40,MEPDG,0.00000182225900,0.00001805189000
C7B1H1S1P6L2M3J1E2A2,RDF,CL5S,4,12,11,13,840,12,40,MNAVG,0.00000048693730,0.00000126393900
C7B1H1S1P6L2M3J1E2A3,RDF,CL5S,4,12,11,13,840,12,40,MNHVY,0.00000033468080,0.00001863831000
C7B1H1S1P6L2M3J2E1A1,RDF,CL5S,4,12,11,13,840,15,10,MEPDG,0.00001750316000,0.00034269260000
C7B1H1S1P6L2M3J2E1A2,RDF,CL5S,4,12,11,13,840,15,10,MNAVG,0.00000405206900,0.00004018343000
C7B1H1S1P6L2M3J2E1A3,RDF,CL5S,4,12,11,13,840,15,10,MNHVY,0.00000420877600,0.00053468010000
C7B1H1S1P6L2M3J2E2A1,RDF,CL5S,4,12,11,13,840,15,40,MEPDG,0.00001750316000,0.00034269260000
C7B1H1S1P6L2M3J2E2A2,RDF,CL5S,4,12,11,13,840,15,40,MNAVG,0.00000405206900,0.00004018343000
C7B1H1S1P6L2M3J2E2A3,RDF,CL5S,4,12,11,13,840,15,40,MNHVY,0.00000420877600,0.00053468010000
C7B1H1S1P7L1M1J1E1A1,RDF,CL5S,4,12,12,12,340,12,10,MEPDG,0.09073821000000,0.11216250000000
C7B1H1S1P7L1M1J1E1A2,RDF,CL5S,4,12,12,12,340,12,10,MNAVG,0.02190836000000,0.01411569000000
C7B1H1S1P7L1M1J1E1A3,RDF,CL5S,4,12,12,12,340,12,10,MNHVY,0.02944708000000,0.18708940000000
C7B1H1S1P7L1M1J1E2A1,RDF,CL5S,4,12,12,12,340,12,40,MEPDG,0.03091262000000,0.06635279000000
C7B1H1S1P7L1M1J1E2A2,RDF,CL5S,4,12,12,12,340,12,40,MNAVG,0.00823866100000,0.00824239300000
C7B1H1S1P7L1M1J1E2A3,RDF,CL5S,4,12,12,12,340,12,40,MNHVY,0.00965852500000,0.10813910000000
C7B1H1S1P7L1M1J2E1A1,RDF,CL5S,4,12,12,12,340,15,10,MEPDG,0.43685570000000,0.59965680000000
C7B1H1S1P7L1M1J2E1A2,RDF,CL5S,4,12,12,12,340,15,10,MNAVG,0.14145040000000,0.10172090000000
C7B1H1S1P7L1M1J2E1A3,RDF,CL5S,4,12,12,12,340,15,10,MNHVY,0.26741730000000,1.18070000000000
C7B1H1S1P7L1M1J2E2A1,RDF,CL5S,4,12,12,12,340,15,40,MEPDG,0.17246870000000,0.36069040000000
C7B1H1S1P7L1M1J2E2A2,RDF,CL5S,4,12,12,12,340,15,40,MNAVG,0.06041953000000,0.06145313000000
C7B1H1S1P7L1M1J2E2A3,RDF,CL5S,4,12,12,12,340,15,40,MNHVY,0.10102410000000,0.70454110000000
C7B1H1S1P7L1M2J1E1A1,RDF,CL5S,4,12,12,12,590,12,10,MEPDG,0.00045592710000,0.00062482690000
C7B1H1S1P7L1M2J1E1A2,RDF,CL5S,4,12,12,12,590,12,10,MNAVG,0.00008816484000,0.00006271560000
C7B1H1S1P7L1M2J1E1A3,RDF,CL5S,4,12,12,12,590,12,10,MNHVY,0.00007763378000,0.00091025920000
C7B1H1S1P7L1M2J1E2A1,RDF,CL5S,4,12,12,12,590,12,40,MEPDG,0.00010662530000,0.00063943730000
C7B1H1S1P7L1M2J1E2A2,RDF,CL5S,4,12,12,12,590,12,40,MNAVG,0.00002611458000,0.00005796926000
C7B1H1S1P7L1M2J1E2A3,RDF,CL5S,4,12,12,12,590,12,40,MNHVY,0.00002037364000,0.00083800560000
C7B1H1S1P7L1M2J2E1A1,RDF,CL5S,4,12,12,12,590,15,10,MEPDG,0.00275335100000,0.01306180000000
C7B1H1S1P7L1M2J2E1A2,RDF,CL5S,4,12,12,12,590,15,10,MNAVG,0.00051265820000,0.00175812700000
C7B1H1S1P7L1M2J2E1A3,RDF,CL5S,4,12,12,12,590,15,10,MNHVY,0.00066588970000,0.02298762000000
C7B1H1S1P7L1M2J2E2A1,RDF,CL5S,4,12,12,12,590,15,40,MEPDG,0.00075665230000,0.00752799400000
C7B1H1S1P7L1M2J2E2A2,RDF,CL5S,4,12,12,12,590,15,40,MNAVG,0.00017056760000,0.00101428100000
```

```
C7B1H1S1P7L1M2J2E2A3,RDF,CL5S,4,12,12,12,590,15,40,MNHVY,0.00019004370000,0.01309790000000
C7B1H1S1P7L1M3J1E1A1,RDF,CL5S,4,12,12,12,840,12,10,MEPDG,0.00000914839100,0.00002708236000
C7B1H1S1P7L1M3J1E1A2,RDF,CL5S,4,12,12,12,840,12,10,MNAVG,0.00000148478000,0.00000184318800
C7B1H1S1P7L1M3J1E1A3,RDF,CL5S,4,12,12,12,840,12,10,MNHVY,0.00000109811000,0.00002795867000
C7B1H1S1P7L1M3J1E2A1,RDF,CL5S,4,12,12,12,840,12,40,MEPDG,0.00000171898000,0.00002191630000
C7B1H1S1P7L1M3J1E2A2,RDF,CL5S,4,12,12,12,840,12,40,MNAVG,0.00000037634230,0.00000136790800
C7B1H1S1P7L1M3J1E2A3,RDF,CL5S,4,12,12,12,840,12,40,MNHVY,0.00000024782340,0.00002065187000
C7B1H1S1P7L1M3J2E1A1,RDF,CL5S,4,12,12,12,840,15,10,MEPDG,0.00004126672000,0.00051567540000
C7B1H1S1P7L1M3J2E1A2,RDF,CL5S,4,12,12,12,840,15,10,MNAVG,0.00000657633800,0.00005378839000
C7B1H1S1P7L1M3J2E1A3,RDF,CL5S,4,12,12,12,840,15,10,MNHVY,0.00000592943600,0.00076575440000
C7B1H1S1P7L1M3J2E2A1,RDF,CL5S,4,12,12,12,840,15,40,MEPDG,0.00000862553800,0.00030498190000
C7B1H1S1P7L1M3J2E2A2,RDF,CL5S,4,12,12,12,840,15,40,MNAVG,0.00000180941400,0.00003060541000
C7B1H1S1P7L1M3J2E2A3,RDF,CL5S,4,12,12,12,840,15,40,MNHVY,0.00000143654800,0.00043229730000
C7B1H1S1P7L2M1J1E1A1,RDF,CL5S,4,12,12,13,340,12,10,MEPDG,0.00616512900000,0.03015369000000
C7B1H1S1P7L2M1J1E1A2,RDF,CL5S,4,12,12,13,340,12,10,MNAVG,0.00167355100000,0.00381642600000
C7B1H1S1P7L2M1J1E1A3,RDF,CL5S,4,12,12,13,340,12,10,MNHVY,0.00188096100000,0.04979670000000
C7B1H1S1P7L2M1J1E2A1,RDF,CL5S,4,12,12,13,340,12,40,MEPDG,0.00616512900000,0.03015369000000
C7B1H1S1P7L2M1J1E2A2,RDF,CL5S,4,12,12,13,340,12,40,MNAVG,0.00167355100000,0.00381642600000
C7B1H1S1P7L2M1J1E2A3,RDF,CL5S,4,12,12,13,340,12,40,MNHVY,0.00188096100000,0.04979670000000
C7B1H1S1P7L2M1J2E1A1,RDF,CL5S,4,12,12,13,340,15,10,MEPDG,0.03795704000000,0.19294030000000
C7B1H1S1P7L2M1J2E1A2,RDF,CL5S,4,12,12,13,340,15,10,MNAVG,0.01339283000000,0.03370484000000
C7B1H1S1P7L2M1J2E1A3,RDF,CL5S,4,12,12,13,340,15,10,MNHVY,0.02169416000000,0.38040110000000
C7B1H1S1P7L2M1J2E2A1,RDF,CL5S,4,12,12,13,340,15,40,MEPDG,0.03795704000000,0.19294030000000
C7B1H1S1P7L2M1J2E2A2,RDF,CL5S,4,12,12,13,340,15,40,MNAVG,0.01339283000000,0.03370484000000
C7B1H1S1P7L2M1J2E2A3,RDF,CL5S,4,12,12,13,340,15,40,MNHVY,0.02169416000000,0.38040110000000
C7B1H1S1P7L2M2J1E1A1,RDF,CL5S,4,12,12,13,590,12,10,MEPDG,0.00001810720000,0.00028007540000
C7B1H1S1P7L2M2J1E1A2,RDF,CL5S,4,12,12,13,590,12,10,MNAVG,0.00000471430300,0.00002557999000
C7B1H1S1P7L2M2J1E1A3,RDF,CL5S,4,12,12,13,590,12,10,MNHVY,0.00000354638300,0.00036887400000
C7B1H1S1P7L2M2J1E2A1,RDF,CL5S,4,12,12,13,590,12,40,MEPDG,0.00001810720000,0.00028007540000
C7B1H1S1P7L2M2J1E2A2,RDF,CL5S,4,12,12,13,590,12,40,MNAVG,0.00000471430300,0.00002557999000
C7B1H1S1P7L2M2J1E2A3,RDF,CL5S,4,12,12,13,590,12,40,MNHVY,0.00000354638300,0.00036887400000
C7B1H1S1P7L2M2J2E1A1,RDF,CL5S,4,12,12,13,590,15,10,MEPDG,0.00013984500000,0.00382102100000
C7B1H1S1P7L2M2J2E1A2,RDF,CL5S,4,12,12,13,590,15,10,MNAVG,0.00003307241000,0.00052647130000
C7B1H1S1P7L2M2J2E1A3,RDF,CL5S,4,12,12,13,590,15,10,MNHVY,0.00003531402000,0.00673883600000
C7B1H1S1P7L2M2J2E2A1,RDF,CL5S,4,12,12,13,590,15,40,MEPDG,0.00013984500000,0.00382102100000
C7B1H1S1P7L2M2J2E2A2,RDF,CL5S,4,12,12,13,590,15,40,MNAVG,0.00003307241000,0.00052647130000
C7B1H1S1P7L2M2J2E2A3,RDF,CL5S,4,12,12,13,590,15,40,MNHVY,0.00003531402000,0.00673883600000
C7B1H1S1P7L2M3J1E1A1,RDF,CL5S,4,12,12,13,840,12,10,MEPDG,0.00000026833310,0.00000988677500
C7B1H1S1P7L2M3J1E1A2,RDF,CL5S,4,12,12,13,840,12,10,MNAVG,0.00000006333054,0.00000060386630
C7B1H1S1P7L2M3J1E1A3,RDF,CL5S,4,12,12,13,840,12,10,MNHVY,0.00000004035154,0.00000910206800
C7B1H1S1P7L2M3J1E2A1,RDF,CL5S,4,12,12,13,840,12,40,MEPDG,0.00000026833310,0.00000988677500
C7B1H1S1P7L2M3J1E2A2,RDF,CL5S,4,12,12,13,840,12,40,MNAVG,0.00000006333054,0.00000060386630
C7B1H1S1P7L2M3J1E2A3,RDF,CL5S,4,12,12,13,840,12,40,MNHVY,0.00000004035154,0.00000910206800
C7B1H1S1P7L2M3J2E1A1,RDF,CL5S,4,12,12,13,840,15,10,MEPDG,0.00000144181300,0.00014592870000
C7B1H1S1P7L2M3J2E1A2,RDF,CL5S,4,12,12,13,840,15,10,MNAVG,0.00000032361770,0.00001465980000
C7B1H1S1P7L2M3J2E1A3,RDF,CL5S,4,12,12,13,840,15,10,MNHVY,0.00000025138720,0.00020665360000
C7B1H1S1P7L2M3J2E2A1,RDF,CL5S,4,12,12,13,840,15,40,MEPDG,0.00000144181300,0.00014592870000
C7B1H1S1P7L2M3J2E2A2,RDF,CL5S,4,12,12,13,840,15,40,MNAVG,0.00000032361770,0.00001465980000
C7B1H1S1P7L2M3J2E2A3,RDF,CL5S,4,12,12,13,840,15,40,MNHVY,0.00000025138720,0.00020665360000
C7B1H2S2P1L1M1J1E1A1,RDF,CL5S,12,4,6,12,340,12,10,MEPDG,55.56159000000000,0.00000000020932
```

```
C7B1H2S2P1L1M1J1E1A2,RDF,CL5S,12,4,6,12,340,12,10,MNAVG,43.13745000000000,0.00000000001090
C7B1H2S2P1L1M1J1E1A3,RDF,CL5S,12,4,6,12,340,12,10,MNHVY,73.98246000000000,0.00000000015549
C7B1H2S2P1L1M1J1E2A1,RDF,CL5S,12,4,6,12,340,12,40,MEPDG,33.08597000000000,0.00000000007313
C7B1H2S2P1L1M1J1E2A2,RDF,CL5S,12,4,6,12,340,12,40,MNAVG,24.40096000000000,0.00000000000419
C7B1H2S2P1L1M1J1E2A3,RDF,CL5S,12,4,6,12,340,12,40,MNHVY,42.75465000000000,0.00000000005928
C7B1H2S2P1L1M1J2E1A1,RDF,CL5S,12,4,6,12,340,15,10,MEPDG,69.53976000000000,0.00000000018333
C7B1H2S2P1L1M1J2E1A2,RDF,CL5S,12,4,6,12,340,15,10,MNAVG,56.33629000000000,0.00000000001653
C7B1H2S2P1L1M1J2E1A3,RDF,CL5S,12,4,6,12,340,15,10,MNHVY,98.55726000000000,0.00000000022095
C7B1H2S2P1L1M1J2E2A1,RDF,CL5S,12,4,6,12,340,15,40,MEPDG,42.67492000000000,0.00000000007940
C7B1H2S2P1L1M1J2E2A2,RDF,CL5S,12,4,6,12,340,15,40,MNAVG,33.13629000000000,0.00000000000801
C7B1H2S2P1L1M1J2E2A3,RDF,CL5S,12,4,6,12,340,15,40,MNHVY,59.30927000000000,0.00000000010392
C7B1H2S2P1L1M2J1E1A1,RDF,CL5S,12,4,6,12,590,12,10,MEPDG,5.96984000000000,0.00000000093200
C7B1H2S2P1L1M2J1E1A2,RDF,CL5S,12,4,6,12,590,12,10,MNAVG,3.84261200000000,0.00000000009038
C7B1H2S2P1L1M2J1E1A3,RDF,CL5S,12,4,6,12,590,12,10,MNHVY,6.35264800000000,0.00000000133412
C7B1H2S2P1L1M2J1E2A1,RDF,CL5S,12,4,6,12,590,12,40,MEPDG,3.14093600000000,0.00000000080105
C7B1H2S2P1L1M2J1E2A2,RDF,CL5S,12,4,6,12,590,12,40,MNAVG,1.95341700000000,0.00000000007798
C7B1H2S2P1L1M2J1E2A3,RDF,CL5S,12,4,6,12,590,12,40,MNHVY,3.22283300000000,0.00000000113105
C7B1H2S2P1L1M2J2E1A1,RDF,CL5S,12,4,6,12,590,15,10,MEPDG,10.19552000000000,0.00000000000000
C7B1H2S2P1L1M2J2E1A2,RDF,CL5S,12,4,6,12,590,15,10,MNAVG,7.44820700000000,0.00000000000000
C7B1H2S2P1L1M2J2E1A3,RDF,CL5S,12,4,6,12,590,15,10,MNHVY,13.05064000000000,0.00000000000000
C7B1H2S2P1L1M2J2E2A1,RDF,CL5S,12,4,6,12,590,15,40,MEPDG,5.79454900000000,0.00000000123889
C7B1H2S2P1L1M2J2E2A2,RDF,CL5S,12,4,6,12,590,15,40,MNAVG,4.17527200000000,0.00000000017661
C7B1H2S2P1L1M2J2E2A3,RDF,CL5S,12,4,6,12,590,15,40,MNHVY,7.35781200000000,0.00000000226599
C7B1H2S2P1L1M3J1E1A1,RDF,CL5S,12,4,6,12,840,12,10,MEPDG,0.83713760000000,0.00004307553000
C7B1H2S2P1L1M3J1E1A2,RDF,CL5S,12,4,6,12,840,12,10,MNAVG,0.41905010000000,0.00000638873600
C7B1H2S2P1L1M3J1E1A3,RDF,CL5S,12,4,6,12,840,12,10,MNHVY,0.66059370000000,0.00007439674000
C7B1H2S2P1L1M3J1E2A1,RDF,CL5S,12,4,6,12,840,12,40,MEPDG,0.38523220000000,0.00003562013000
C7B1H2S2P1L1M3J1E2A2,RDF,CL5S,12,4,6,12,840,12,40,MNAVG,0.18938280000000,0.00000461343500
C7B1H2S2P1L1M3J1E2A3,RDF,CL5S,12,4,6,12,840,12,40,MNHVY,0.28885480000000,0.00005642021000
C7B1H2S2P1L1M3J2E1A1,RDF,CL5S,12,4,6,12,840,15,10,MEPDG,1.95643600000000,0.00000000000000
C7B1H2S2P1L1M3J2E1A2,RDF,CL5S,12,4,6,12,840,15,10,MNAVG,1.22699800000000,0.00000000000000
C7B1H2S2P1L1M3J2E1A3,RDF,CL5S,12,4,6,12,840,15,10,MNHVY,2.20868000000000,0.00000000000000
C7B1H2S2P1L1M3J2E2A1,RDF,CL5S,12,4,6,12,840,15,40,MEPDG,0.99336370000000,0.00000000000000
C7B1H2S2P1L1M3J2E2A2,RDF,CL5S,12,4,6,12,840,15,40,MNAVG,0.62546090000000,0.00000000000000
C7B1H2S2P1L1M3J2E2A3,RDF,CL5S,12,4,6,12,840,15,40,MNHVY,1.10391900000000,0.00000000000000
C7B1H2S2P1L2M1J1E1A1,RDF,CL5S,12,4,6,13,340,12,10,MEPDG,8.35429300000000,0.00000000002295
C7B1H2S2P1L2M1J1E1A2,RDF,CL5S,12,4,6,13,340,12,10,MNAVG,5.94081600000000,0.00000000000145
C7B1H2S2P1L2M1J1E1A3,RDF,CL5S,12,4,6,13,340,12,10,MNHVY,10.53694000000000,0.00000000002038
C7B1H2S2P1L2M1J1E2A1,RDF,CL5S,12,4,6,13,340,12,40,MEPDG,8.35429300000000,0.00000000002295
C7B1H2S2P1L2M1J1E2A2,RDF,CL5S,12,4,6,13,340,12,40,MNAVG,5.94081600000000,0.00000000000145
C7B1H2S2P1L2M1J1E2A3,RDF,CL5S,12,4,6,13,340,12,40,MNHVY,10.53694000000000,0.00000000002038
C7B1H2S2P1L2M1J2E1A1,RDF,CL5S,12,4,6,13,340,15,10,MEPDG,11.06986000000000,0.00000000002966
C7B1H2S2P1L2M1J2E1A2,RDF,CL5S,12,4,6,13,340,15,10,MNAVG,8.36578200000000,0.00000000000336
C7B1H2S2P1L2M1J2E1A3,RDF,CL5S,12,4,6,13,340,15,10,MNHVY,15.11823000000000,0.00000000004225
C7B1H2S2P1L2M1J2E2A1,RDF,CL5S,12,4,6,13,340,15,40,MEPDG,11.06986000000000,0.00000000002966
C7B1H2S2P1L2M1J2E2A2,RDF,CL5S,12,4,6,13,340,15,40,MNAVG,8.36578200000000,0.00000000000336
C7B1H2S2P1L2M1J2E2A3,RDF,CL5S,12,4,6,13,340,15,40,MNHVY,15.11823000000000,0.00000000004225
C7B1H2S2P1L2M2J1E1A1,RDF,CL5S,12,4,6,13,590,12,10,MEPDG,0.75391550000000,0.00000000032028
C7B1H2S2P1L2M2J1E1A2,RDF,CL5S,12,4,6,13,590,12,10,MNAVG,0.45434790000000,0.00000000003246
C7B1H2S2P1L2M2J1E1A3,RDF,CL5S,12,4,6,13,590,12,10,MNHVY,0.75864700000000,0.00000000046826
```

```
C7B1H2S2P1L2M2J1E2A1,RDF,CL5S,12,4,6,13,590,12,40,MEPDG,0.75391550000000,0.00000000032028
C7B1H2S2P1L2M2J1E2A2,RDF,CL5S,12,4,6,13,590,12,40,MNAVG,0.45434790000000,0.00000000003246
C7B1H2S2P1L2M2J1E2A3,RDF,CL5S,12,4,6,13,590,12,40,MNHVY,0.75864700000000,0.00000000046826
C7B1H2S2P1L2M2J2E1A1,RDF,CL5S,12,4,6,13,590,15,10,MEPDG,1.48338300000000,0.00000000057434
C7B1H2S2P1L2M2J2E1A2,RDF,CL5S,12,4,6,13,590,15,10,MNAVG,1.05782300000000,0.00000000008545
C7B1H2S2P1L2M2J2E1A3,RDF,CL5S,12,4,6,13,590,15,10,MNHVY,1.88240000000000,0.00000000107737
C7B1H2S2P1L2M2J2E2A1,RDF,CL5S,12,4,6,13,590,15,40,MEPDG,1.48338300000000,0.00000000057434
C7B1H2S2P1L2M2J2E2A2,RDF,CL5S,12,4,6,13,590,15,40,MNAVG,1.05782300000000,0.00000000008545
C7B1H2S2P1L2M2J2E2A3,RDF,CL5S,12,4,6,13,590,15,40,MNHVY,1.88240000000000,0.00000000107737
C7B1H2S2P1L2M3J1E1A1,RDF,CL5S,12,4,6,13,840,12,10,MEPDG,0.08696131000000,0.00001724586000
C7B1H2S2P1L2M3J1E1A2,RDF,CL5S,12,4,6,13,840,12,10,MNAVG,0.04157618000000,0.00000216459900
C7B1H2S2P1L2M3J1E1A3,RDF,CL5S,12,4,6,13,840,12,10,MNHVY,0.06382611000000,0.00002665411000
C7B1H2S2P1L2M3J1E2A1,RDF,CL5S,12,4,6,13,840,12,40,MEPDG,0.08696131000000,0.00001724586000
C7B1H2S2P1L2M3J1E2A2,RDF,CL5S,12,4,6,13,840,12,40,MNAVG,0.04157618000000,0.00000216459900
C7B1H2S2P1L2M3J1E2A3,RDF,CL5S,12,4,6,13,840,12,40,MNHVY,0.06382611000000,0.00002665411000
C7B1H2S2P1L2M3J2E1A1,RDF,CL5S,12,4,6,13,840,15,10,MEPDG,0.24283110000000,0.00000000000000
C7B1H2S2P1L2M3J2E1A2,RDF,CL5S,12,4,6,13,840,15,10,MNAVG,0.15163410000000,0.00000000000000
C7B1H2S2P1L2M3J2E1A3,RDF,CL5S,12,4,6,13,840,15,10,MNHVY,0.26993690000000,0.00000000000000
C7B1H2S2P1L2M3J2E2A1,RDF,CL5S,12,4,6,13,840,15,40,MEPDG,0.24283110000000,0.00000000000000
C7B1H2S2P1L2M3J2E2A2,RDF,CL5S,12,4,6,13,840,15,40,MNAVG,0.15163410000000,0.00000000000000
C7B1H2S2P1L2M3J2E2A3,RDF,CL5S,12,4,6,13,840,15,40,MNHVY,0.26993690000000,0.00000000000000
C7B1H2S2P2L1M1J1E1A1,RDF,CL5S,12,4,7,12,340,12,10,MEPDG,27.42723000000000,0.00076287970000
C7B1H2S2P2L1M1J1E1A2,RDF,CL5S,12,4,7,12,340,12,10,MNAVG,20.20462000000000,0.00016495580000
C7B1H2S2P2L1M1J1E1A3,RDF,CL5S,12,4,7,12,340,12,10,MNHVY,35.28326000000000,0.00152457200000
C7B1H2S2P2L1M1J1E2A1,RDF,CL5S,12,4,7,12,340,12,40,MEPDG,15.63386000000000,0.00040944610000
C7B1H2S2P2L1M1J1E2A2,RDF,CL5S,12,4,7,12,340,12,40,MNAVG,11.19224000000000,0.00008565416000
C7B1H2S2P2L1M1J1E2A3,RDF,CL5S,12,4,7,12,340,12,40,MNHVY,19.59154000000000,0.00080562900000
C7B1H2S2P2L1M1J2E1A1,RDF,CL5S,12,4,7,12,340,15,10,MEPDG,43.78025000000000,0.00000008331086
C7B1H2S2P2L1M1J2E1A2,RDF,CL5S,12,4,7,12,340,15,10,MNAVG,35.28764000000000,0.00000001061952
C7B1H2S2P2L1M1J2E1A3,RDF,CL5S,12,4,7,12,340,15,10,MNHVY,63.80589000000000,0.00000013662930
C7B1H2S2P2L1M1J2E2A1,RDF,CL5S,12,4,7,12,340,15,40,MEPDG,26.53057000000000,0.00000004165553
C7B1H2S2P2L1M1J2E2A2,RDF,CL5S,12,4,7,12,340,15,40,MNAVG,21.07704000000000,0.00000000558889
C7B1H2S2P2L1M1J2E2A3,RDF,CL5S,12,4,7,12,340,15,40,MNHVY,38.32951000000000,0.00000006984274
C7B1H2S2P2L1M2J1E1A1,RDF,CL5S,12,4,7,12,590,12,10,MEPDG,1.73964200000000,0.00050116690000
C7B1H2S2P2L1M2J1E1A2,RDF,CL5S,12,4,7,12,590,12,10,MNAVG,0.90218610000000,0.00009013671000
C7B1H2S2P2L1M2J1E1A3,RDF,CL5S,12,4,7,12,590,12,10,MNHVY,1.50928600000000,0.00095476250000
C7B1H2S2P2L1M2J1E2A1,RDF,CL5S,12,4,7,12,590,12,40,MEPDG,0.81701120000000,0.00032499640000
C7B1H2S2P2L1M2J1E2A2,RDF,CL5S,12,4,7,12,590,12,40,MNAVG,0.42005580000000,0.00005340141000
C7B1H2S2P2L1M2J1E2A3,RDF,CL5S,12,4,7,12,590,12,40,MNHVY,0.67351620000000,0.00059156460000
C7B1H2S2P2L1M2J2E1A1,RDF,CL5S,12,4,7,12,590,15,10,MEPDG,4.49182300000000,0.00039865750000
C7B1H2S2P2L1M2J2E1A2,RDF,CL5S,12,4,7,12,590,15,10,MNAVG,2.91664000000000,0.00008657092000
C7B1H2S2P2L1M2J2E1A3,RDF,CL5S,12,4,7,12,590,15,10,MNHVY,5.50356100000000,0.00080651800000
C7B1H2S2P2L1M2J2E2A1,RDF,CL5S,12,4,7,12,590,15,40,MEPDG,2.35127900000000,0.00044222680000
C7B1H2S2P2L1M2J2E2A2,RDF,CL5S,12,4,7,12,590,15,40,MNAVG,1.55017000000000,0.00009239564000
C7B1H2S2P2L1M2J2E2A3,RDF,CL5S,12,4,7,12,590,15,40,MNHVY,2.84314800000000,0.00088118300000
C7B1H2S2P2L1M3J1E1A1,RDF,CL5S,12,4,7,12,840,12,10,MEPDG,0.16602200000000,0.00010436950000
C7B1H2S2P2L1M3J1E1A2,RDF,CL5S,12,4,7,12,840,12,10,MNAVG,0.06171663000000,0.00001388978000
C7B1H2S2P2L1M3J1E1A3,RDF,CL5S,12,4,7,12,840,12,10,MNHVY,0.09530785000000,0.00017025270000
C7B1H2S2P2L1M3J1E2A1,RDF,CL5S,12,4,7,12,840,12,40,MEPDG,0.06577021000000,0.00007398209000
C7B1H2S2P2L1M3J1E2A2,RDF,CL5S,12,4,7,12,840,12,40,MNAVG,0.02494347000000,0.00000820050300
```

```
C7B1H2S2P2L1M3J1E2A3,RDF,CL5S,12,4,7,12,840,12,40,MNHVY,0.03552422000000,0.00010589220000
C7B1H2S2P2L1M3J2E1A1,RDF,CL5S,12,4,7,12,840,15,10,MEPDG,0.66642230000000,0.01457269000000
C7B1H2S2P2L1M3J2E1A2,RDF,CL5S,12,4,7,12,840,15,10,MNAVG,0.33835310000000,0.00242695800000
C7B1H2S2P2L1M3J2E1A3,RDF,CL5S,12,4,7,12,840,15,10,MNHVY,0.68418770000000,0.02620155000000
C7B1H2S2P2L1M3J2E2A1,RDF,CL5S,12,4,7,12,840,15,40,MEPDG,0.30080050000000,0.00434376800000
C7B1H2S2P2L1M3J2E2A2,RDF,CL5S,12,4,7,12,840,15,40,MNAVG,0.15835870000000,0.00070284580000
C7B1H2S2P2L1M3J2E2A3,RDF,CL5S,12,4,7,12,840,15,40,MNHVY,0.30001300000000,0.00772570400000
C7B1H2S2P2L2M1J1E1A1,RDF,CL5S,12,4,7,13,340,12,10,MEPDG,3.94976400000000,0.00020604060000
C7B1H2S2P2L2M1J1E1A2,RDF,CL5S,12,4,7,13,340,12,10,MNAVG,2.75617900000000,0.00004408893000
C7B1H2S2P2L2M1J1E1A3,RDF,CL5S,12,4,7,13,340,12,10,MNHVY,4.86315300000000,0.00040732100000
C7B1H2S2P2L2M1J1E2A1,RDF,CL5S,12,4,7,13,340,12,40,MEPDG,3.94976400000000,0.00020604060000
C7B1H2S2P2L2M1J1E2A2,RDF,CL5S,12,4,7,13,340,12,40,MNAVG,2.75617900000000,0.00004408893000
C7B1H2S2P2L2M1J1E2A3,RDF,CL5S,12,4,7,13,340,12,40,MNHVY,4.86315300000000,0.00040732100000
C7B1H2S2P2L2M1J2E1A1,RDF,CL5S,12,4,7,13,340,15,10,MEPDG,7.15301700000000,0.00000001764076
C7B1H2S2P2L2M1J2E1A2,RDF,CL5S,12,4,7,13,340,15,10,MNAVG,5.64020300000000,0.00000000252149
C7B1H2S2P2L2M1J2E1A3,RDF,CL5S,12,4,7,13,340,15,10,MNHVY,10.29508000000000,0.00000003075211
C7B1H2S2P2L2M1J2E2A1,RDF,CL5S,12,4,7,13,340,15,40,MEPDG,7.15301700000000,0.00000001764076
C7B1H2S2P2L2M1J2E2A2,RDF,CL5S,12,4,7,13,340,15,40,MNAVG,5.64020300000000,0.00000000252149
C7B1H2S2P2L2M1J2E2A3,RDF,CL5S,12,4,7,13,340,15,40,MNHVY,10.29508000000000,0.00000003075211
C7B1H2S2P2L2M2J1E1A1,RDF,CL5S,12,4,7,13,590,12,10,MEPDG,0.18793470000000,0.00015705570000
C7B1H2S2P2L2M2J1E1A2,RDF,CL5S,12,4,7,13,590,12,10,MNAVG,0.09418225000000,0.00002590576000
C7B1H2S2P2L2M2J1E1A3,RDF,CL5S,12,4,7,13,590,12,10,MNHVY,0.15106080000000,0.00028537710000
C7B1H2S2P2L2M2J1E2A1,RDF,CL5S,12,4,7,13,590,12,40,MEPDG,0.18793470000000,0.00015705570000
C7B1H2S2P2L2M2J1E2A2,RDF,CL5S,12,4,7,13,590,12,40,MNAVG,0.09418225000000,0.00002590576000
C7B1H2S2P2L2M2J1E2A3,RDF,CL5S,12,4,7,13,590,12,40,MNHVY,0.15106080000000,0.00028537710000
C7B1H2S2P2L2M2J2E1A1,RDF,CL5S,12,4,7,13,590,15,10,MEPDG,0.59622650000000,0.00027405520000
C7B1H2S2P2L2M2J2E1A2,RDF,CL5S,12,4,7,13,590,15,10,MNAVG,0.39224050000000,0.00005752984000
C7B1H2S2P2L2M2J2E1A3,RDF,CL5S,12,4,7,13,590,15,10,MNHVY,0.72115200000000,0.00054643640000
C7B1H2S2P2L2M2J2E2A1,RDF,CL5S,12,4,7,13,590,15,40,MEPDG,0.59622650000000,0.00027405520000
C7B1H2S2P2L2M2J2E2A2,RDF,CL5S,12,4,7,13,590,15,40,MNAVG,0.39224050000000,0.00005752984000
C7B1H2S2P2L2M2J2E2A3,RDF,CL5S,12,4,7,13,590,15,40,MNHVY,0.72115200000000,0.00054643640000
C7B1H2S2P2L2M3J1E1A1,RDF,CL5S,12,4,7,13,840,12,10,MEPDG,0.01388174000000,0.00003227731000
C7B1H2S2P2L2M3J1E1A2,RDF,CL5S,12,4,7,13,840,12,10,MNAVG,0.00517785300000,0.00000345893700
C7B1H2S2P2L2M3J1E1A3,RDF,CL5S,12,4,7,13,840,12,10,MNHVY,0.00724450400000,0.00004481907000
C7B1H2S2P2L2M3J1E2A1,RDF,CL5S,12,4,7,13,840,12,40,MEPDG,0.01388174000000,0.00003227731000
C7B1H2S2P2L2M3J1E2A2,RDF,CL5S,12,4,7,13,840,12,40,MNAVG,0.00517785300000,0.00000345893700
C7B1H2S2P2L2M3J1E2A3,RDF,CL5S,12,4,7,13,840,12,40,MNHVY,0.00724450400000,0.00004481907000
C7B1H2S2P2L2M3J2E1A1,RDF,CL5S,12,4,7,13,840,15,10,MEPDG,0.07127179000000,0.00073346300000
C7B1H2S2P2L2M3J2E1A2,RDF,CL5S,12,4,7,13,840,15,10,MNAVG,0.03740859000000,0.00012115850000
C7B1H2S2P2L2M3J2E1A3,RDF,CL5S,12,4,7,13,840,15,10,MNHVY,0.07073703000000,0.00134053000000
C7B1H2S2P2L2M3J2E2A1,RDF,CL5S,12,4,7,13,840,15,40,MEPDG,0.07127179000000,0.00073346300000
C7B1H2S2P2L2M3J2E2A2,RDF,CL5S,12,4,7,13,840,15,40,MNAVG,0.03740859000000,0.00012115850000
C7B1H2S2P2L2M3J2E2A3,RDF,CL5S,12,4,7,13,840,15,40,MNHVY,0.07073703000000,0.00134053000000
C7B1H2S2P3L1M1J1E1A1,RDF,CL5S,12,4,8,12,340,12,10,MEPDG,10.38871000000000,0.00346410900000
C7B1H2S2P3L1M1J1E1A2,RDF,CL5S,12,4,8,12,340,12,10,MNAVG,6.50501400000000,0.00074393540000
C7B1H2S2P3L1M1J1E1A3,RDF,CL5S,12,4,8,12,340,12,10,MNHVY,11.42052000000000,0.00706433800000
C7B1H2S2P3L1M1J1E2A1,RDF,CL5S,12,4,8,12,340,12,40,MEPDG,5.42647600000000,0.00278987400000
C7B1H2S2P3L1M1J1E2A2,RDF,CL5S,12,4,8,12,340,12,40,MNAVG,3.36510800000000,0.00057725590000
C7B1H2S2P3L1M1J1E2A3,RDF,CL5S,12,4,8,12,340,12,40,MNHVY,5.74547400000000,0.00560561700000
C7B1H2S2P3L1M1J2E1A1,RDF,CL5S,12,4,8,12,340,15,10,MEPDG,21.99072000000000,0.00200583900000
```

```
C7B1H2S2P3L1M1J2E1A2,RDF,CL5S,12,4,8,12,340,15,10,MNAVG,16.10391000000000,0.00047935730000
C7B1H2S2P3L1M1J2E1A3,RDF,CL5S,12,4,8,12,340,15,10,MNHVY,30.31706000000000,0.00410077200000
C7B1H2S2P3L1M1J2E2A1,RDF,CL5S,12,4,8,12,340,15,40,MEPDG,12.63518000000000,0.00177012400000
C7B1H2S2P3L1M1J2E2A2,RDF,CL5S,12,4,8,12,340,15,40,MNAVG,9.35731600000000,0.00041766310000
C7B1H2S2P3L1M1J2E2A3,RDF,CL5S,12,4,8,12,340,15,40,MNHVY,17.30148000000000,0.00359456100000
C7B1H2S2P3L1M2J1E1A1,RDF,CL5S,12,4,8,12,590,12,10,MEPDG,0.39257790000000,0.00075556840000
C7B1H2S2P3L1M2J1E1A2,RDF,CL5S,12,4,8,12,590,12,10,MNAVG,0.15135620000000,0.00013299420000
C7B1H2S2P3L1M2J1E1A3,RDF,CL5S,12,4,8,12,590,12,10,MNHVY,0.24399460000000,0.00145346300000
C7B1H2S2P3L1M2J1E2A1,RDF,CL5S,12,4,8,12,590,12,40,MEPDG,0.16117410000000,0.00049715180000
C7B1H2S2P3L1M2J1E2A2,RDF,CL5S,12,4,8,12,590,12,40,MNAVG,0.06355802000000,0.00007985880000
C7B1H2S2P3L1M2J1E2A3,RDF,CL5S,12,4,8,12,590,12,40,MNHVY,0.09404119000000,0.00090817760000
C7B1H2S2P3L1M2J2E1A1,RDF,CL5S,12,4,8,12,590,15,10,MEPDG,1.55067700000000,0.07407748000000
C7B1H2S2P3L1M2J2E1A2,RDF,CL5S,12,4,8,12,590,15,10,MNAVG,0.81779520000000,0.01454475000000
C7B1H2S2P3L1M2J2E1A3,RDF,CL5S,12,4,8,12,590,15,10,MNHVY,1.66371900000000,0.14662650000000
C7B1H2S2P3L1M2J2E2A1,RDF,CL5S,12,4,8,12,590,15,40,MEPDG,0.72994120000000,0.02026483000000
C7B1H2S2P3L1M2J2E2A2,RDF,CL5S,12,4,8,12,590,15,40,MNAVG,0.40110420000000,0.00396874100000
C7B1H2S2P3L1M2J2E2A3,RDF,CL5S,12,4,8,12,590,15,40,MNHVY,0.76535520000000,0.04012772000000
C7B1H2S2P3L1M3J1E1A1,RDF,CL5S,12,4,8,12,840,12,10,MEPDG,0.02405366000000,0.00017107060000
C7B1H2S2P3L1M3J1E1A2,RDF,CL5S,12,4,8,12,840,12,10,MNAVG,0.00663298600000,0.00002175131000
C7B1H2S2P3L1M3J1E1A3,RDF,CL5S,12,4,8,12,840,12,10,MNHVY,0.00892146700000,0.00027173020000
C7B1H2S2P3L1M3J1E2A1,RDF,CL5S,12,4,8,12,840,12,40,MEPDG,0.00791675200000,0.00011603580000
C7B1H2S2P3L1M3J1E2A2,RDF,CL5S,12,4,8,12,840,12,40,MNAVG,0.00236361200000,0.00001220837000
C7B1H2S2P3L1M3J1E2A3,RDF,CL5S,12,4,8,12,840,12,40,MNHVY,0.00279720500000,0.00015955670000
C7B1H2S2P3L1M3J2E1A1,RDF,CL5S,12,4,8,12,840,15,10,MEPDG,0.15304310000000,0.00997762000000
C7B1H2S2P3L1M3J2E1A2,RDF,CL5S,12,4,8,12,840,15,10,MNAVG,0.05678508000000,0.00164727200000
C7B1H2S2P3L1M3J2E1A3,RDF,CL5S,12,4,8,12,840,15,10,MNHVY,0.12085330000000,0.01841445000000
C7B1H2S2P3L1M3J2E2A1,RDF,CL5S,12,4,8,12,840,15,40,MEPDG,0.05958475000000,0.00276083200000
C7B1H2S2P3L1M3J2E2A2,RDF,CL5S,12,4,8,12,840,15,40,MNAVG,0.02362333000000,0.00043212490000
C7B1H2S2P3L1M3J2E2A3,RDF,CL5S,12,4,8,12,840,15,40,MNHVY,0.04498657000000,0.00498550900000
C7B1H2S2P3L2M1J1E1A1,RDF,CL5S,12,4,8,13,340,12,10,MEPDG,1.32303900000000,0.00152320700000
C7B1H2S2P3L2M1J1E1A2,RDF,CL5S,12,4,8,13,340,12,10,MNAVG,0.80091120000000,0.00032140700000
C7B1H2S2P3L2M1J1E1A3,RDF,CL5S,12,4,8,13,340,12,10,MNHVY,1.36885200000000,0.00306866400000
C7B1H2S2P3L2M1J1E2A1,RDF,CL5S,12,4,8,13,340,12,40,MEPDG,1.32303900000000,0.00152320700000
C7B1H2S2P3L2M1J1E2A2,RDF,CL5S,12,4,8,13,340,12,40,MNAVG,0.80091120000000,0.00032140700000
C7B1H2S2P3L2M1J1E2A3,RDF,CL5S,12,4,8,13,340,12,40,MNHVY,1.36885200000000,0.00306866400000
C7B1H2S2P3L2M1J2E1A1,RDF,CL5S,12,4,8,13,340,15,10,MEPDG,3.38148300000000,0.00114768600000
C7B1H2S2P3L2M1J2E1A2,RDF,CL5S,12,4,8,13,340,15,10,MNAVG,2.50216300000000,0.00027463520000
C7B1H2S2P3L2M1J2E1A3,RDF,CL5S,12,4,8,13,340,15,10,MNHVY,4.62218400000000,0.00233011400000
C7B1H2S2P3L2M1J2E2A1,RDF,CL5S,12,4,8,13,340,15,40,MEPDG,3.38148300000000,0.00114768600000
C7B1H2S2P3L2M1J2E2A2,RDF,CL5S,12,4,8,13,340,15,40,MNAVG,2.50216300000000,0.00027463520000
C7B1H2S2P3L2M1J2E2A3,RDF,CL5S,12,4,8,13,340,15,40,MNHVY,4.62218400000000,0.00233011400000
C7B1H2S2P3L2M2J1E1A1,RDF,CL5S,12,4,8,13,590,12,10,MEPDG,0.03498447000000,0.00025191110000
C7B1H2S2P3L2M2J1E1A2,RDF,CL5S,12,4,8,13,590,12,10,MNAVG,0.01357882000000,0.00004053336000
C7B1H2S2P3L2M2J1E1A3,RDF,CL5S,12,4,8,13,590,12,10,MNHVY,0.01979185000000,0.00045865700000
C7B1H2S2P3L2M2J1E2A1,RDF,CL5S,12,4,8,13,590,12,40,MEPDG,0.03498447000000,0.00025191110000
C7B1H2S2P3L2M2J1E2A2,RDF,CL5S,12,4,8,13,590,12,40,MNAVG,0.01357882000000,0.00004053336000
C7B1H2S2P3L2M2J1E2A3,RDF,CL5S,12,4,8,13,590,12,40,MNHVY,0.01979185000000,0.00045865700000
C7B1H2S2P3L2M2J2E1A1,RDF,CL5S,12,4,8,13,590,15,10,MEPDG,0.17814390000000,0.00584112000000
C7B1H2S2P3L2M2J2E1A2,RDF,CL5S,12,4,8,13,590,15,10,MNAVG,0.09796529000000,0.00117576300000
C7B1H2S2P3L2M2J2E1A3,RDF,CL5S,12,4,8,13,590,15,10,MNHVY,0.18589430000000,0.01170503000000
```

```
C7B1H2S2P3L2M2J2E2A1,RDF,CL5S,12,4,8,13,590,15,40,MEPDG,0.17814390000000,0.00584112000000
C7B1H2S2P3L2M2J2E2A2,RDF,CL5S,12,4,8,13,590,15,40,MNAVG,0.09796529000000,0.00117576300000
C7B1H2S2P3L2M2J2E2A3,RDF,CL5S,12,4,8,13,590,15,40,MNHVY,0.18589430000000,0.01170503000000
C7B1H2S2P3L2M3J1E1A1,RDF,CL5S,12,4,8,13,840,12,10,MEPDG,0.00155998200000,0.00004971738000
C7B1H2S2P3L2M3J1E1A2,RDF,CL5S,12,4,8,13,840,12,10,MNAVG,0.00046920300000,0.00000505107700
C7B1H2S2P3L2M3J1E1A3,RDF,CL5S,12,4,8,13,840,12,10,MNHVY,0.00053926330000,0.00006615412000
C7B1H2S2P3L2M3J1E2A1,RDF,CL5S,12,4,8,13,840,12,40,MEPDG,0.00155998200000,0.00004971738000
C7B1H2S2P3L2M3J1E2A2,RDF,CL5S,12,4,8,13,840,12,40,MNAVG,0.00046920300000,0.00000505107700
C7B1H2S2P3L2M3J1E2A3,RDF,CL5S,12,4,8,13,840,12,40,MNHVY,0.00053926330000,0.00006615412000
C7B1H2S2P3L2M3J2E1A1,RDF,CL5S,12,4,8,13,840,15,10,MEPDG,0.01330812000000,0.00065130370000
C7B1H2S2P3L2M3J2E1A2,RDF,CL5S,12,4,8,13,840,15,10,MNAVG,0.00528544200000,0.00010201040000
C7B1H2S2P3L2M3J2E1A3,RDF,CL5S,12,4,8,13,840,15,10,MNHVY,0.00992709200000,0.00118214800000
C7B1H2S2P3L2M3J2E2A1,RDF,CL5S,12,4,8,13,840,15,40,MEPDG,0.01330812000000,0.00065130370000
C7B1H2S2P3L2M3J2E2A2,RDF,CL5S,12,4,8,13,840,15,40,MNAVG,0.00528544200000,0.00010201040000
C7B1H2S2P3L2M3J2E2A3,RDF,CL5S,12,4,8,13,840,15,40,MNHVY,0.00992709200000,0.00118214800000
C7B1H2S2P4L1M1J1E1A1,RDF,CL5S,12,4,9,12,340,12,10,MEPDG,3.39645900000000,0.00570354300000
C7B1H2S2P4L1M1J1E1A2,RDF,CL5S,12,4,9,12,340,12,10,MNAVG,1.70767600000000,0.00115540100000
C7B1H2S2P4L1M1J1E1A3,RDF,CL5S,12,4,9,12,340,12,10,MNHVY,2.97148600000000,0.01172285000000
C7B1H2S2P4L1M1J1E2A1,RDF,CL5S,12,4,9,12,340,12,40,MEPDG,1.60460100000000,0.00433320100000
C7B1H2S2P4L1M1J1E2A2,RDF,CL5S,12,4,9,12,340,12,40,MNAVG,0.81314410000000,0.00085508010000
C7B1H2S2P4L1M1J1E2A3,RDF,CL5S,12,4,9,12,340,12,40,MNHVY,1.33165300000000,0.00876341900000
C7B1H2S2P4L1M1J2E1A1,RDF,CL5S,12,4,9,12,340,15,10,MEPDG,9.64103500000000,0.01024000000000
C7B1H2S2P4L1M1J2E1A2,RDF,CL5S,12,4,9,12,340,15,10,MNAVG,6.15577100000000,0.00235522900000
C7B1H2S2P4L1M1J2E1A3,RDF,CL5S,12,4,9,12,340,15,10,MNHVY,12.12968000000000,0.02135115000000
C7B1H2S2P4L1M1J2E2A1,RDF,CL5S,12,4,9,12,340,15,40,MEPDG,5.12780100000000,0.00888684000000
C7B1H2S2P4L1M1J2E2A2,RDF,CL5S,12,4,9,12,340,15,40,MNAVG,3.37192400000000,0.00202100700000
C7B1H2S2P4L1M1J2E2A3,RDF,CL5S,12,4,9,12,340,15,40,MNHVY,6.37139100000000,0.01839150000000
C7B1H2S2P4L1M2J1E1A1,RDF,CL5S,12,4,9,12,590,12,10,MEPDG,0.07373686000000,0.00100566300000
C7B1H2S2P4L1M2J1E1A2,RDF,CL5S,12,4,9,12,590,12,10,MNAVG,0.02124966000000,0.00016106040000
C7B1H2S2P4L1M2J1E1A3,RDF,CL5S,12,4,9,12,590,12,10,MNHVY,0.03062450000000,0.00187976300000
C7B1H2S2P4L1M2J1E2A1,RDF,CL5S,12,4,9,12,590,12,40,MEPDG,0.02613113000000,0.00071511490000
C7B1H2S2P4L1M2J1E2A2,RDF,CL5S,12,4,9,12,590,12,40,MNAVG,0.00805406600000,0.00010539650000
C7B1H2S2P4L1M2J1E2A3,RDF,CL5S,12,4,9,12,590,12,40,MNHVY,0.01031244000000,0.00125990600000
C7B1H2S2P4L1M2J2E1A1,RDF,CL5S,12,4,9,12,590,15,10,MEPDG,0.41483550000000,0.05928691000000
C7B1H2S2P4L1M2J2E1A2,RDF,CL5S,12,4,9,12,590,15,10,MNAVG,0.16697610000000,0.01092988000000
C7B1H2S2P4L1M2J2E1A3,RDF,CL5S,12,4,9,12,590,15,10,MNHVY,0.35181600000000,0.11717420000000
C7B1H2S2P4L1M2J2E2A1,RDF,CL5S,12,4,9,12,590,15,40,MEPDG,0.17280630000000,0.02577399000000
C7B1H2S2P4L1M2J2E2A2,RDF,CL5S,12,4,9,12,590,15,40,MNAVG,0.07422747000000,0.00473045100000
C7B1H2S2P4L1M2J2E2A3,RDF,CL5S,12,4,9,12,590,15,40,MNHVY,0.14135370000000,0.05073094000000
C7B1H2S2P4L1M3J1E1A1,RDF,CL5S,12,4,9,12,840,12,10,MEPDG,0.00285769700000,0.00013791590000
C7B1H2S2P4L1M3J1E1A2,RDF,CL5S,12,4,9,12,840,12,10,MNAVG,0.00066574840000,0.00001547507000
C7B1H2S2P4L1M3J1E1A3,RDF,CL5S,12,4,9,12,840,12,10,MNHVY,0.00071447720000,0.00020225840000
C7B1H2S2P4L1M3J1E2A1,RDF,CL5S,12,4,9,12,840,12,40,MEPDG,0.00079007570000,0.00009952355000
C7B1H2S2P4L1M3J1E2A2,RDF,CL5S,12,4,9,12,840,12,40,MNAVG,0.00021399430000,0.00000940532000
C7B1H2S2P4L1M3J1E2A3,RDF,CL5S,12,4,9,12,840,12,40,MNHVY,0.00020289260000,0.00012627300000
C7B1H2S2P4L1M3J2E1A1,RDF,CL5S,12,4,9,12,840,15,10,MEPDG,0.02576379000000,0.00474747900000
C7B1H2S2P4L1M3J2E1A2,RDF,CL5S,12,4,9,12,840,15,10,MNAVG,0.00684839800000,0.00073315160000
C7B1H2S2P4L1M3J2E1A3,RDF,CL5S,12,4,9,12,840,15,10,MNHVY,0.01392394000000,0.00865679800000
C7B1H2S2P4L1M3J2E2A1,RDF,CL5S,12,4,9,12,840,15,40,MEPDG,0.00863368900000,0.00058535030000
C7B1H2S2P4L1M3J2E2A2,RDF,CL5S,12,4,9,12,840,15,40,MNAVG,0.00255339800000,0.00008392347000
```

```
C7B1H2S2P4L1M3J2E2A3,RDF,CL5S,12,4,9,12,840,15,40,MNHVY,0.00445818200000,0.00102980400000
C7B1H2S2P4L2M1J1E1A1,RDF,CL5S,12,4,9,13,340,12,10,MEPDG,0.37393250000000,0.00232100900000
C7B1H2S2P4L2M1J1E1A2,RDF,CL5S,12,4,9,13,340,12,10,MNAVG,0.18540970000000,0.00046449430000
C7B1H2S2P4L2M1J1E1A3,RDF,CL5S,12,4,9,13,340,12,10,MNHVY,0.30103930000000,0.00470614500000
C7B1H2S2P4L2M1J1E2A1,RDF,CL5S,12,4,9,13,340,12,40,MEPDG,0.37393250000000,0.00232100900000
C7B1H2S2P4L2M1J1E2A2,RDF,CL5S,12,4,9,13,340,12,40,MNAVG,0.18540970000000,0.00046449430000
C7B1H2S2P4L2M1J1E2A3,RDF,CL5S,12,4,9,13,340,12,40,MNHVY,0.30103930000000,0.00470614500000
C7B1H2S2P4L2M1J2E1A1,RDF,CL5S,12,4,9,13,340,15,10,MEPDG,1.33585100000000,0.00554587100000
C7B1H2S2P4L2M1J2E1A2,RDF,CL5S,12,4,9,13,340,15,10,MNAVG,0.88028860000000,0.00128096000000
C7B1H2S2P4L2M1J2E1A3,RDF,CL5S,12,4,9,13,340,15,10,MNHVY,1.65394300000000,0.01146031000000
C7B1H2S2P4L2M1J2E2A1,RDF,CL5S,12,4,9,13,340,15,40,MEPDG,1.33585100000000,0.00554587100000
C7B1H2S2P4L2M1J2E2A2,RDF,CL5S,12,4,9,13,340,15,40,MNAVG,0.88028860000000,0.00128096000000
C7B1H2S2P4L2M1J2E2A3,RDF,CL5S,12,4,9,13,340,15,40,MNHVY,1.65394300000000,0.01146031000000
C7B1H2S2P4L2M2J1E1A1,RDF,CL5S,12,4,9,13,590,12,10,MEPDG,0.00530779500000,0.00033513220000
C7B1H2S2P4L2M2J1E1A2,RDF,CL5S,12,4,9,13,590,12,10,MNAVG,0.00164124800000,0.00004923276000
C7B1H2S2P4L2M2J1E1A3,RDF,CL5S,12,4,9,13,590,12,10,MNHVY,0.00203863200000,0.00058695620000
C7B1H2S2P4L2M2J1E2A1,RDF,CL5S,12,4,9,13,590,12,40,MEPDG,0.00530779500000,0.00033513220000
C7B1H2S2P4L2M2J1E2A2,RDF,CL5S,12,4,9,13,590,12,40,MNAVG,0.00164124800000,0.00004923276000
C7B1H2S2P4L2M2J1E2A3,RDF,CL5S,12,4,9,13,590,12,40,MNHVY,0.00203863200000,0.00058695620000
C7B1H2S2P4L2M2J2E1A1,RDF,CL5S,12,4,9,13,590,15,10,MEPDG,0.03976908000000,0.00993982500000
C7B1H2S2P4L2M2J2E1A2,RDF,CL5S,12,4,9,13,590,15,10,MNAVG,0.01714207000000,0.00188291800000
C7B1H2S2P4L2M2J2E1A3,RDF,CL5S,12,4,9,13,590,15,10,MNHVY,0.03209287000000,0.01979284000000
C7B1H2S2P4L2M2J2E2A1,RDF,CL5S,12,4,9,13,590,15,40,MEPDG,0.03976908000000,0.00993982500000
C7B1H2S2P4L2M2J2E2A2,RDF,CL5S,12,4,9,13,590,15,40,MNAVG,0.01714207000000,0.00188291800000
C7B1H2S2P4L2M2J2E2A3,RDF,CL5S,12,4,9,13,590,15,40,MNHVY,0.03209287000000,0.01979284000000
C7B1H2S2P4L2M3J1E1A1,RDF,CL5S,12,4,9,13,840,12,10,MEPDG,0.00014421210000,0.00004314499000
C7B1H2S2P4L2M3J1E1A2,RDF,CL5S,12,4,9,13,840,12,10,MNAVG,0.00004035272000,0.00000391838100
C7B1H2S2P4L2M3J1E1A3,RDF,CL5S,12,4,9,13,840,12,10,MNHVY,0.00003699026000,0.00005274298000
C7B1H2S2P4L2M3J1E2A1,RDF,CL5S,12,4,9,13,840,12,40,MEPDG,0.00014421210000,0.00004314499000
C7B1H2S2P4L2M3J1E2A2,RDF,CL5S,12,4,9,13,840,12,40,MNAVG,0.00004035272000,0.00000391838100
C7B1H2S2P4L2M3J1E2A3,RDF,CL5S,12,4,9,13,840,12,40,MNHVY,0.00003699026000,0.00005274298000
C7B1H2S2P4L2M3J2E1A1,RDF,CL5S,12,4,9,13,840,15,10,MEPDG,0.00178705600000,0.00029783530000
C7B1H2S2P4L2M3J2E1A2,RDF,CL5S,12,4,9,13,840,15,10,MNAVG,0.00053575230000,0.00004232361000
C7B1H2S2P4L2M3J2E1A3,RDF,CL5S,12,4,9,13,840,15,10,MNHVY,0.00091047110000,0.00051818900000
C7B1H2S2P4L2M3J2E2A1,RDF,CL5S,12,4,9,13,840,15,40,MEPDG,0.00178705600000,0.00029783530000
C7B1H2S2P4L2M3J2E2A2,RDF,CL5S,12,4,9,13,840,15,40,MNAVG,0.00053575230000,0.00004232361000
C7B1H2S2P4L2M3J2E2A3,RDF,CL5S,12,4,9,13,840,15,40,MNHVY,0.00091047110000,0.00051818900000
C7B1H2S2P5L1M1J1E1A1,RDF,CL5S,12,4,10,12,340,12,10,MEPDG,0.98225950000000,0.00966806800000
C7B1H2S2P5L1M1J1E1A2,RDF,CL5S,12,4,10,12,340,12,10,MNAVG,0.38068460000000,0.00178406700000
C7B1H2S2P5L1M1J1E1A3,RDF,CL5S,12,4,10,12,340,12,10,MNHVY,0.63563810000000,0.01970261000000
C7B1H2S2P5L1M1J1E2A1,RDF,CL5S,12,4,10,12,340,12,40,MEPDG,0.41603870000000,0.00677429500000
C7B1H2S2P5L1M1J1E2A2,RDF,CL5S,12,4,10,12,340,12,40,MNAVG,0.16590780000000,0.00122643200000
C7B1H2S2P5L1M1J1E2A3,RDF,CL5S,12,4,10,12,340,12,40,MNHVY,0.25241920000000,0.01354898000000
C7B1H2S2P5L1M1J2E1A1,RDF,CL5S,12,4,10,12,340,15,10,MEPDG,3.64196000000000,0.45718590000000
C7B1H2S2P5L1M1J2E1A2,RDF,CL5S,12,4,10,12,340,15,10,MNAVG,1.94471800000000,0.09039576000000
C7B1H2S2P5L1M1J2E1A3,RDF,CL5S,12,4,10,12,340,15,10,MNHVY,3.96887700000000,0.93964870000000
C7B1H2S2P5L1M1J2E2A1,RDF,CL5S,12,4,10,12,340,15,40,MEPDG,1.77849600000000,0.14180610000000
C7B1H2S2P5L1M1J2E2A2,RDF,CL5S,12,4,10,12,340,15,40,MNAVG,0.99738830000000,0.02906150000000
C7B1H2S2P5L1M1J2E2A3,RDF,CL5S,12,4,10,12,340,15,40,MNHVY,1.90433300000000,0.29268860000000
C7B1H2S2P5L1M2J1E1A1,RDF,CL5S,12,4,10,12,590,12,10,MEPDG,0.01231720000000,0.00093604670000
```

```
C7B1H2S2P5L1M2J1E1A2,RDF,CL5S,12,4,10,12,590,12,10,MNAVG,0.00288640000000,0.00012868330000
C7B1H2S2P5L1M2J1E1A3,RDF,CL5S,12,4,10,12,590,12,10,MNHVY,0.00350073100000,0.00164495500000
C7B1H2S2P5L1M2J1E2A1,RDF,CL5S,12,4,10,12,590,12,40,MEPDG,0.00374318000000,0.00064810150000
C7B1H2S2P5L1M2J1E2A2,RDF,CL5S,12,4,10,12,590,12,40,MNAVG,0.00099885100000,0.00008391161000
C7B1H2S2P5L1M2J1E2A3,RDF,CL5S,12,4,10,12,590,12,40,MNHVY,0.00106272900000,0.00107359900000
C7B1H2S2P5L1M2J2E1A1,RDF,CL5S,12,4,10,12,590,15,10,MEPDG,0.08977960000000,0.03287189000000
C7B1H2S2P5L1M2J2E1A2,RDF,CL5S,12,4,10,12,590,15,10,MNAVG,0.02680104000000,0.00560772200000
C7B1H2S2P5L1M2J2E1A3,RDF,CL5S,12,4,10,12,590,15,10,MNHVY,0.05493373000000,0.06418239000000
C7B1H2S2P5L1M2J2E2A1,RDF,CL5S,12,4,10,12,590,15,40,MEPDG,0.03307015000000,0.00697480800000
C7B1H2S2P5L1M2J2E2A2,RDF,CL5S,12,4,10,12,590,15,40,MNAVG,0.01087986000000,0.00122749000000
C7B1H2S2P5L1M2J2E2A3,RDF,CL5S,12,4,10,12,590,15,40,MNHVY,0.01958635000000,0.01377732000000
C7B1H2S2P5L1M3J1E1A1,RDF,CL5S,12,4,10,12,840,12,10,MEPDG,0.00034943890000,0.00007929473000
C7B1H2S2P5L1M3J1E1A2,RDF,CL5S,12,4,10,12,840,12,10,MNAVG,0.00007465596000,0.00000742108600
C7B1H2S2P5L1M3J1E1A3,RDF,CL5S,12,4,10,12,840,12,10,MNHVY,0.00006603327000,0.00010466750000
C7B1H2S2P5L1M3J1E2A1,RDF,CL5S,12,4,10,12,840,12,40,MEPDG,0.00008199454000,0.00005724892000
C7B1H2S2P5L1M3J1E2A2,RDF,CL5S,12,4,10,12,840,12,40,MNAVG,0.00002156925000,0.00000468606900
C7B1H2S2P5L1M3J1E2A3,RDF,CL5S,12,4,10,12,840,12,40,MNHVY,0.00001702248000,0.00006597168000
C7B1H2S2P5L1M3J2E1A1,RDF,CL5S,12,4,10,12,840,15,10,MEPDG,0.00352051800000,0.00140681300000
C7B1H2S2P5L1M3J2E1A2,RDF,CL5S,12,4,10,12,840,15,10,MNAVG,0.00070903210000,0.00019843790000
C7B1H2S2P5L1M3J2E1A3,RDF,CL5S,12,4,10,12,840,15,10,MNHVY,0.00122702500000,0.00248955500000
C7B1H2S2P5L1M3J2E2A1,RDF,CL5S,12,4,10,12,840,15,40,MEPDG,0.00101586700000,0.00045743180000
C7B1H2S2P5L1M3J2E2A2,RDF,CL5S,12,4,10,12,840,15,40,MNAVG,0.00023976090000,0.00005925424000
C7B1H2S2P5L1M3J2E2A3,RDF,CL5S,12,4,10,12,840,15,40,MNHVY,0.00035023010000,0.00076038770000
C7B1H2S2P5L2M1J1E1A1,RDF,CL5S,12,4,10,13,340,12,10,MEPDG,0.09215007000000,0.00350989600000
C7B1H2S2P5L2M1J1E1A2,RDF,CL5S,12,4,10,13,340,12,10,MNAVG,0.03620787000000,0.00064084220000
C7B1H2S2P5L2M1J1E1A3,RDF,CL5S,12,4,10,13,340,12,10,MNHVY,0.05398699000000,0.00704236600000
C7B1H2S2P5L2M1J1E2A1,RDF,CL5S,12,4,10,13,340,12,40,MEPDG,0.09215007000000,0.00350989600000
C7B1H2S2P5L2M1J1E2A2,RDF,CL5S,12,4,10,13,340,12,40,MNAVG,0.03620787000000,0.00064084220000
C7B1H2S2P5L2M1J1E2A3,RDF,CL5S,12,4,10,13,340,12,40,MNHVY,0.05398699000000,0.00704236600000
C7B1H2S2P5L2M1J2E1A1,RDF,CL5S,12,4,10,13,340,15,10,MEPDG,0.44505130000000,0.07907014000000
C7B1H2S2P5L2M1J2E1A2,RDF,CL5S,12,4,10,13,340,15,10,MNAVG,0.25076030000000,0.01653104000000
C7B1H2S2P5L2M1J2E1A3,RDF,CL5S,12,4,10,13,340,15,10,MNHVY,0.47334370000000,0.16346560000000
C7B1H2S2P5L2M1J2E2A1,RDF,CL5S,12,4,10,13,340,15,40,MEPDG,0.44505130000000,0.07907014000000
C7B1H2S2P5L2M1J2E2A2,RDF,CL5S,12,4,10,13,340,15,40,MNAVG,0.25076030000000,0.01653104000000
C7B1H2S2P5L2M1J2E2A3,RDF,CL5S,12,4,10,13,340,15,40,MNHVY,0.47334370000000,0.16346560000000
C7B1H2S2P5L2M2J1E1A1,RDF,CL5S,12,4,10,13,590,12,10,MEPDG,0.00071039730000,0.00028091350000
C7B1H2S2P5L2M2J1E1A2,RDF,CL5S,12,4,10,13,590,12,10,MNAVG,0.00019484350000,0.00003612319000
C7B1H2S2P5L2M2J1E1A3,RDF,CL5S,12,4,10,13,590,12,10,MNHVY,0.00019961900000,0.00046205180000
C7B1H2S2P5L2M2J1E2A1,RDF,CL5S,12,4,10,13,590,12,40,MEPDG,0.00071039730000,0.00028091350000
C7B1H2S2P5L2M2J1E2A2,RDF,CL5S,12,4,10,13,590,12,40,MNAVG,0.00019484350000,0.00003612319000
C7B1H2S2P5L2M2J1E2A3,RDF,CL5S,12,4,10,13,590,12,40,MNHVY,0.00019961900000,0.00046205180000
C7B1H2S2P5L2M2J2E1A1,RDF,CL5S,12,4,10,13,590,15,10,MEPDG,0.00713752200000,0.00148664600000
C7B1H2S2P5L2M2J2E1A2,RDF,CL5S,12,4,10,13,590,15,10,MNAVG,0.00237582300000,0.00026603150000
C7B1H2S2P5L2M2J2E1A3,RDF,CL5S,12,4,10,13,590,15,10,MNHVY,0.00415575600000,0.00295435000000
C7B1H2S2P5L2M2J2E2A1,RDF,CL5S,12,4,10,13,590,15,40,MEPDG,0.00713752200000,0.00148664600000
C7B1H2S2P5L2M2J2E2A2,RDF,CL5S,12,4,10,13,590,15,40,MNAVG,0.00237582300000,0.00026603150000
C7B1H2S2P5L2M2J2E2A3,RDF,CL5S,12,4,10,13,590,15,40,MNHVY,0.00415575600000,0.00295435000000
C7B1H2S2P5L2M3J1E1A1,RDF,CL5S,12,4,10,13,840,12,10,MEPDG,0.00001391860000,0.00002496762000
C7B1H2S2P5L2M3J1E1A2,RDF,CL5S,12,4,10,13,840,12,10,MNAVG,0.00000384648500,0.00000196538400
C7B1H2S2P5L2M3J1E1A3,RDF,CL5S,12,4,10,13,840,12,10,MNHVY,0.00000293438700,0.00002771313000
```

```
C7B1H2S2P5L2M3J1E2A1,RDF,CL5S,12,4,10,13,840,12,40,MEPDG,0.00001391860000,0.00002496762000
C7B1H2S2P5L2M3J1E2A2,RDF,CL5S,12,4,10,13,840,12,40,MNAVG,0.00000384648500,0.00000196538400
C7B1H2S2P5L2M3J1E2A3,RDF,CL5S,12,4,10,13,840,12,40,MNHVY,0.00000293438700,0.00002771313000
C7B1H2S2P5L2M3J2E1A1,RDF,CL5S,12,4,10,13,840,15,10,MEPDG,0.00019614230000,0.00023106410000
C7B1H2S2P5L2M3J2E1A2,RDF,CL5S,12,4,10,13,840,15,10,MNAVG,0.00004775726000,0.00002962788000
C7B1H2S2P5L2M3J2E1A3,RDF,CL5S,12,4,10,13,840,15,10,MNHVY,0.00006739982000,0.00037937670000
C7B1H2S2P5L2M3J2E2A1,RDF,CL5S,12,4,10,13,840,15,40,MEPDG,0.00019614230000,0.00023106410000
C7B1H2S2P5L2M3J2E2A2,RDF,CL5S,12,4,10,13,840,15,40,MNAVG,0.00004775726000,0.00002962788000
C7B1H2S2P5L2M3J2E2A3,RDF,CL5S,12,4,10,13,840,15,40,MNHVY,0.00006739982000,0.00037937670000
C7B1H2S2P6L1M1J1E1A1,RDF,CL5S,12,4,11,12,340,12,10,MEPDG,0.26087250000000,0.01301380000000
C7B1H2S2P6L1M1J1E1A2,RDF,CL5S,12,4,11,12,340,12,10,MNAVG,0.07777724000000,0.00211058500000
C7B1H2S2P6L1M1J1E1A3,RDF,CL5S,12,4,11,12,340,12,10,MNHVY,0.12010450000000,0.02563277000000
C7B1H2S2P6L1M1J1E2A1,RDF,CL5S,12,4,11,12,340,12,40,MEPDG,0.09864759000000,0.00903334200000
C7B1H2S2P6L1M1J1E2A2,RDF,CL5S,12,4,11,12,340,12,40,MNAVG,0.03122454000000,0.00145332900000
C7B1H2S2P6L1M1J1E2A3,RDF,CL5S,12,4,11,12,340,12,40,MNHVY,0.04274775000000,0.01748131000000
C7B1H2S2P6L1M1J2E1A1,RDF,CL5S,12,4,11,12,340,15,10,MEPDG,1.21405200000000,0.41193870000000
C7B1H2S2P6L1M1J2E1A2,RDF,CL5S,12,4,11,12,340,15,10,MNAVG,0.52100740000000,0.07433084000000
C7B1H2S2P6L1M1J2E1A3,RDF,CL5S,12,4,11,12,340,15,10,MNHVY,1.08181100000000,0.83032620000000
C7B1H2S2P6L1M1J2E2A1,RDF,CL5S,12,4,11,12,340,15,40,MEPDG,0.53891060000000,0.23651340000000
C7B1H2S2P6L1M1J2E2A2,RDF,CL5S,12,4,11,12,340,15,40,MNAVG,0.24731170000000,0.04292387000000
C7B1H2S2P6L1M1J2E2A3,RDF,CL5S,12,4,11,12,340,15,40,MNHVY,0.46819750000000,0.47375620000000
C7B1H2S2P6L1M2J1E1A1,RDF,CL5S,12,4,11,12,590,12,10,MEPDG,0.00210924700000,0.00064634120000
C7B1H2S2P6L1M2J1E1A2,RDF,CL5S,12,4,11,12,590,12,10,MNAVG,0.00044059010000,0.00007411536000
C7B1H2S2P6L1M2J1E1A3,RDF,CL5S,12,4,11,12,590,12,10,MNHVY,0.00045122410000,0.00103215900000
C7B1H2S2P6L1M2J1E2A1,RDF,CL5S,12,4,11,12,590,12,40,MEPDG,0.00055769040000,0.00045957960000
C7B1H2S2P6L1M2J1E2A2,RDF,CL5S,12,4,11,12,590,12,40,MNAVG,0.00014050610000,0.00005013817000
C7B1H2S2P6L1M2J1E2A3,RDF,CL5S,12,4,11,12,590,12,40,MNHVY,0.00012652270000,0.00069462020000
C7B1H2S2P6L1M2J2E1A1,RDF,CL5S,12,4,11,12,590,15,10,MEPDG,0.01665075000000,0.01396247000000
C7B1H2S2P6L1M2J2E1A2,RDF,CL5S,12,4,11,12,590,15,10,MNAVG,0.00378227900000,0.00217909300000
C7B1H2S2P6L1M2J2E1A3,RDF,CL5S,12,4,11,12,590,15,10,MNHVY,0.00689145200000,0.02668427000000
C7B1H2S2P6L1M2J2E2A1,RDF,CL5S,12,4,11,12,590,15,40,MEPDG,0.00536960900000,0.00251271900000
C7B1H2S2P6L1M2J2E2A2,RDF,CL5S,12,4,11,12,590,15,40,MNAVG,0.00139387000000,0.00039969960000
C7B1H2S2P6L1M2J2E2A3,RDF,CL5S,12,4,11,12,590,15,40,MNHVY,0.00217411800000,0.00481632800000
C7B1H2S2P6L1M3J1E1A1,RDF,CL5S,12,4,11,12,840,12,10,MEPDG,0.00004767234000,0.00004034202000
C7B1H2S2P6L1M3J1E1A2,RDF,CL5S,12,4,11,12,840,12,10,MNAVG,0.00000900723300,0.00000316164400
C7B1H2S2P6L1M3J1E1A3,RDF,CL5S,12,4,11,12,840,12,10,MNHVY,0.00000709325700,0.00004710313000
C7B1H2S2P6L1M3J1E2A1,RDF,CL5S,12,4,11,12,840,12,40,MEPDG,0.00000972997800,0.00003381613000
C7B1H2S2P6L1M3J1E2A2,RDF,CL5S,12,4,11,12,840,12,40,MNAVG,0.00000238672900,0.00000236948300
C7B1H2S2P6L1M3J1E2A3,RDF,CL5S,12,4,11,12,840,12,40,MNHVY,0.00000167524100,0.00003509302000
C7B1H2S2P6L1M3J2E1A1,RDF,CL5S,12,4,11,12,840,15,10,MEPDG,0.00040705890000,0.00079728340000
C7B1H2S2P6L1M3J2E1A2,RDF,CL5S,12,4,11,12,840,15,10,MNAVG,0.00006828992000,0.00009561444000
C7B1H2S2P6L1M3J2E1A3,RDF,CL5S,12,4,11,12,840,15,10,MNHVY,0.00009225208000,0.00129504400000
C7B1H2S2P6L1M3J2E2A1,RDF,CL5S,12,4,11,12,840,15,40,MEPDG,0.00010111050000,0.00031397450000
C7B1H2S2P6L1M3J2E2A2,RDF,CL5S,12,4,11,12,840,15,40,MNAVG,0.00002101729000,0.00003542803000
C7B1H2S2P6L1M3J2E2A3,RDF,CL5S,12,4,11,12,840,15,40,MNHVY,0.00002405778000,0.00048132390000
C7B1H2S2P6L2M1J1E1A1,RDF,CL5S,12,4,11,13,340,12,10,MEPDG,0.02072139000000,0.00463678600000
C7B1H2S2P6L2M1J1E1A2,RDF,CL5S,12,4,11,13,340,12,10,MNAVG,0.00655535500000,0.00075022610000
C7B1H2S2P6L2M1J1E1A3,RDF,CL5S,12,4,11,13,340,12,10,MNHVY,0.00868875300000,0.00900348800000
C7B1H2S2P6L2M1J1E2A1,RDF,CL5S,12,4,11,13,340,12,40,MEPDG,0.02072139000000,0.00463678600000
C7B1H2S2P6L2M1J1E2A2,RDF,CL5S,12,4,11,13,340,12,40,MNAVG,0.00655535500000,0.00075022610000
```

```
C7B1H2S2P6L2M1J1E2A3,RDF,CL5S,12,4,11,13,340,12,40,MNHVY,0.00868875300000,0.00900348800000
C7B1H2S2P6L2M1J2E1A1,RDF,CL5S,12,4,11,13,340,15,10,MEPDG,0.12823030000000,0.11829650000000
C7B1H2S2P6L2M1J2E1A2,RDF,CL5S,12,4,11,13,340,15,10,MNAVG,0.05925300000000,0.02219642000000
C7B1H2S2P6L2M1J2E1A3,RDF,CL5S,12,4,11,13,340,15,10,MNHVY,0.11008650000000,0.23966480000000
C7B1H2S2P6L2M1J2E2A1,RDF,CL5S,12,4,11,13,340,15,40,MEPDG,0.12823030000000,0.11829650000000
C7B1H2S2P6L2M1J2E2A2,RDF,CL5S,12,4,11,13,340,15,40,MNAVG,0.05925300000000,0.02219642000000
C7B1H2S2P6L2M1J2E2A3,RDF,CL5S,12,4,11,13,340,15,40,MNHVY,0.11008650000000,0.23966480000000
C7B1H2S2P6L2M2J1E1A1,RDF,CL5S,12,4,11,13,590,12,10,MEPDG,0.00009961430000,0.00021545650000
C7B1H2S2P6L2M2J1E1A2,RDF,CL5S,12,4,11,13,590,12,10,MNAVG,0.00002628695000,0.00002340289000
C7B1H2S2P6L2M2J1E1A3,RDF,CL5S,12,4,11,13,590,12,10,MNHVY,0.00002276562000,0.00032402370000
C7B1H2S2P6L2M2J1E2A1,RDF,CL5S,12,4,11,13,590,12,40,MEPDG,0.00009961430000,0.00021545650000
C7B1H2S2P6L2M2J1E2A2,RDF,CL5S,12,4,11,13,590,12,40,MNAVG,0.00002628695000,0.00002340289000
C7B1H2S2P6L2M2J1E2A3,RDF,CL5S,12,4,11,13,590,12,40,MNHVY,0.00002276562000,0.00032402370000
C7B1H2S2P6L2M2J2E1A1,RDF,CL5S,12,4,11,13,590,15,10,MEPDG,0.00108675600000,0.00136490500000
C7B1H2S2P6L2M2J2E1A2,RDF,CL5S,12,4,11,13,590,15,10,MNAVG,0.00028990470000,0.00021860490000
C7B1H2S2P6L2M2J2E1A3,RDF,CL5S,12,4,11,13,590,15,10,MNHVY,0.00043672530000,0.00262024500000
C7B1H2S2P6L2M2J2E2A1,RDF,CL5S,12,4,11,13,590,15,40,MEPDG,0.00108675600000,0.00136490500000
C7B1H2S2P6L2M2J2E2A2,RDF,CL5S,12,4,11,13,590,15,40,MNAVG,0.00028990470000,0.00021860490000
C7B1H2S2P6L2M2J2E2A3,RDF,CL5S,12,4,11,13,590,15,40,MNHVY,0.00043672530000,0.00262024500000
C7B1H2S2P6L2M3J1E1A1,RDF,CL5S,12,4,11,13,840,12,10,MEPDG,0.00000158153600,0.00001566498000
C7B1H2S2P6L2M3J1E1A2,RDF,CL5S,12,4,11,13,840,12,10,MNAVG,0.00000041229530,0.00000106386100
C7B1H2S2P6L2M3J1E1A3,RDF,CL5S,12,4,11,13,840,12,10,MNHVY,0.00000028094330,0.00001574740000
C7B1H2S2P6L2M3J1E2A1,RDF,CL5S,12,4,11,13,840,12,40,MEPDG,0.00000158153600,0.00001566498000
C7B1H2S2P6L2M3J1E2A2,RDF,CL5S,12,4,11,13,840,12,40,MNAVG,0.00000041229530,0.00000106386100
C7B1H2S2P6L2M3J1E2A3,RDF,CL5S,12,4,11,13,840,12,40,MNHVY,0.00000028094330,0.00001574740000
C7B1H2S2P6L2M3J2E1A1,RDF,CL5S,12,4,11,13,840,15,10,MEPDG,0.00001834357000,0.00016139040000
C7B1H2S2P6L2M3J2E1A2,RDF,CL5S,12,4,11,13,840,15,10,MNAVG,0.00000398991700,0.00001799944000
C7B1H2S2P6L2M3J2E1A3,RDF,CL5S,12,4,11,13,840,15,10,MNHVY,0.00000443942900,0.00024431330000
C7B1H2S2P6L2M3J2E2A1,RDF,CL5S,12,4,11,13,840,15,40,MEPDG,0.00001834357000,0.00016139040000
C7B1H2S2P6L2M3J2E2A2,RDF,CL5S,12,4,11,13,840,15,40,MNAVG,0.00000398991700,0.00001799944000
C7B1H2S2P6L2M3J2E2A3,RDF,CL5S,12,4,11,13,840,15,40,MNHVY,0.00000443942900,0.00024431330000
C7B1H2S2P7L1M1J1E1A1,RDF,CL5S,12,4,12,12,340,12,10,MEPDG,0.06573661000000,0.01355436000000
C7B1H2S2P7L1M1J1E1A2,RDF,CL5S,12,4,12,12,340,12,10,MNAVG,0.01572130000000,0.00193205100000
C7B1H2S2P7L1M1J1E1A3,RDF,CL5S,12,4,12,12,340,12,10,MNHVY,0.02173468000000,0.02515587000000
C7B1H2S2P7L1M1J1E2A1,RDF,CL5S,12,4,12,12,340,12,40,MEPDG,0.02219078000000,0.00934616400000
C7B1H2S2P7L1M1J1E2A2,RDF,CL5S,12,4,12,12,340,12,40,MNAVG,0.00590601700000,0.00132362200000
C7B1H2S2P7L1M1J1E2A3,RDF,CL5S,12,4,12,12,340,12,40,MNHVY,0.00710995600000,0.01707296000000
C7B1H2S2P7L1M1J2E1A1,RDF,CL5S,12,4,12,12,340,15,10,MEPDG,0.35107490000000,0.29316550000000
C7B1H2S2P7L1M1J2E1A2,RDF,CL5S,12,4,12,12,340,15,10,MNAVG,0.11660210000000,0.04869424000000
C7B1H2S2P7L1M1J2E1A3,RDF,CL5S,12,4,12,12,340,15,10,MNHVY,0.23715410000000,0.57350770000000
C7B1H2S2P7L1M1J2E2A1,RDF,CL5S,12,4,12,12,340,15,40,MEPDG,0.14077980000000,0.17219820000000
C7B1H2S2P7L1M1J2E2A2,RDF,CL5S,12,4,12,12,340,15,40,MNAVG,0.05120203000000,0.02888151000000
C7B1H2S2P7L1M1J2E2A3,RDF,CL5S,12,4,12,12,340,15,40,MNHVY,0.09259095000000,0.33579400000000
C7B1H2S2P7L1M2J1E1A1,RDF,CL5S,12,4,12,12,590,12,10,MEPDG,0.00038846540000,0.00045556300000
C7B1H2S2P7L1M2J1E1A2,RDF,CL5S,12,4,12,12,590,12,10,MNAVG,0.00007321692000,0.00004429942000
C7B1H2S2P7L1M2J1E1A3,RDF,CL5S,12,4,12,12,590,12,10,MNHVY,0.00006676577000,0.00064691590000
C7B1H2S2P7L1M2J1E2A1,RDF,CL5S,12,4,12,12,590,12,40,MEPDG,0.00009127878000,0.00032992480000
C7B1H2S2P7L1M2J1E2A2,RDF,CL5S,12,4,12,12,590,12,40,MNAVG,0.00002175132000,0.00003071329000
C7B1H2S2P7L1M2J1E2A3,RDF,CL5S,12,4,12,12,590,12,40,MNHVY,0.00001750828000,0.00044701990000
C7B1H2S2P7L1M2J2E1A1,RDF,CL5S,12,4,12,12,590,15,10,MEPDG,0.00262417900000,0.00308721500000
```

```
C7B1H2S2P7L1M2J2E1A2,RDF,CL5S,12,4,12,12,590,15,10,MNAVG,0.00048153720000,0.00043731850000
C7B1H2S2P7L1M2J2E1A3,RDF,CL5S,12,4,12,12,590,15,10,MNHVY,0.00070451300000,0.00569888500000
C7B1H2S2P7L1M2J2E2A1,RDF,CL5S,12,4,12,12,590,15,40,MEPDG,0.00074265180000,0.00206874700000
C7B1H2S2P7L1M2J2E2A2,RDF,CL5S,12,4,12,12,590,15,40,MNAVG,0.00016402440000,0.00029045680000
C7B1H2S2P7L1M2J2E2A3,RDF,CL5S,12,4,12,12,590,15,40,MNHVY,0.00020523830000,0.00374571100000
C7B1H2S2P7L1M3J1E1A1,RDF,CL5S,12,4,12,12,840,12,10,MEPDG,0.00000936814700,0.00002139166000
C7B1H2S2P7L1M3J1E1A2,RDF,CL5S,12,4,12,12,840,12,10,MNAVG,0.00000136838300,0.00000142901200
C7B1H2S2P7L1M3J1E1A3,RDF,CL5S,12,4,12,12,840,12,10,MNHVY,0.00000110013700,0.00002169024000
C7B1H2S2P7L1M3J1E2A1,RDF,CL5S,12,4,12,12,840,12,40,MEPDG,0.00000182304100,0.00001847450000
C7B1H2S2P7L1M3J1E2A2,RDF,CL5S,12,4,12,12,840,12,40,MNAVG,0.00000035608750,0.00000112961000
C7B1H2S2P7L1M3J1E2A3,RDF,CL5S,12,4,12,12,840,12,40,MNHVY,0.00000025027030,0.00001706456000
C7B1H2S2P7L1M3J2E1A1,RDF,CL5S,12,4,12,12,840,15,10,MEPDG,0.00004653716000,0.00030879190000
C7B1H2S2P7L1M3J2E1A2,RDF,CL5S,12,4,12,12,840,15,10,MNAVG,0.00000684257700,0.00003157656000
C7B1H2S2P7L1M3J2E1A3,RDF,CL5S,12,4,12,12,840,15,10,MNHVY,0.00000734003800,0.00045438690000
C7B1H2S2P7L1M3J2E2A1,RDF,CL5S,12,4,12,12,840,15,40,MEPDG,0.00001145650000,0.00020497290000
C7B1H2S2P7L1M3J2E2A2,RDF,CL5S,12,4,12,12,840,15,40,MNAVG,0.00000208220800,0.00001970959000
C7B1H2S2P7L1M3J2E2A3,RDF,CL5S,12,4,12,12,840,15,40,MNHVY,0.00000214141600,0.00028210010000
C7B1H2S2P7L2M1J1E1A1,RDF,CL5S,12,4,12,13,340,12,10,MEPDG,0.00442139300000,0.00480193000000
C7B1H2S2P7L2M1J1E1A2,RDF,CL5S,12,4,12,13,340,12,10,MNAVG,0.00120045600000,0.00068560770000
C7B1H2S2P7L2M1J1E1A3,RDF,CL5S,12,4,12,13,340,12,10,MNHVY,0.00138561700000,0.00880977400000
C7B1H2S2P7L2M1J1E2A1,RDF,CL5S,12,4,12,13,340,12,40,MEPDG,0.00442139300000,0.00480193000000
C7B1H2S2P7L2M1J1E2A2,RDF,CL5S,12,4,12,13,340,12,40,MNAVG,0.00120045600000,0.00068560770000
C7B1H2S2P7L2M1J1E2A3,RDF,CL5S,12,4,12,13,340,12,40,MNHVY,0.00138561700000,0.00880977400000
C7B1H2S2P7L2M1J2E1A1,RDF,CL5S,12,4,12,13,340,15,10,MEPDG,0.03165868000000,0.09255489000000
C7B1H2S2P7L2M1J2E1A2,RDF,CL5S,12,4,12,13,340,15,10,MNAVG,0.01165665000000,0.01586006000000
C7B1H2S2P7L2M1J2E1A3,RDF,CL5S,12,4,12,13,340,15,10,MNHVY,0.02050138000000,0.18192120000000
C7B1H2S2P7L2M1J2E2A1,RDF,CL5S,12,4,12,13,340,15,40,MEPDG,0.03165868000000,0.09255489000000
C7B1H2S2P7L2M1J2E2A2,RDF,CL5S,12,4,12,13,340,15,40,MNAVG,0.01165665000000,0.01586006000000
C7B1H2S2P7L2M1J2E2A3,RDF,CL5S,12,4,12,13,340,15,40,MNHVY,0.02050138000000,0.18192120000000
C7B1H2S2P7L2M2J1E1A1,RDF,CL5S,12,4,12,13,590,12,10,MEPDG,0.00001554920000,0.00014654140000
C7B1H2S2P7L2M2J1E1A2,RDF,CL5S,12,4,12,13,590,12,10,MNAVG,0.00000393494100,0.00001362241000
C7B1H2S2P7L2M2J1E1A3,RDF,CL5S,12,4,12,13,590,12,10,MNHVY,0.00000305145800,0.00019786770000
C7B1H2S2P7L2M2J1E2A1,RDF,CL5S,12,4,12,13,590,12,40,MEPDG,0.00001554920000,0.00014654140000
C7B1H2S2P7L2M2J1E2A2,RDF,CL5S,12,4,12,13,590,12,40,MNAVG,0.00000393494100,0.00001362241000
C7B1H2S2P7L2M2J1E2A3,RDF,CL5S,12,4,12,13,590,12,40,MNHVY,0.00000305145800,0.00019786770000
C7B1H2S2P7L2M2J2E1A1,RDF,CL5S,12,4,12,13,590,15,10,MEPDG,0.00014005720000,0.00211622800000
C7B1H2S2P7L2M2J2E1A2,RDF,CL5S,12,4,12,13,590,15,10,MNAVG,0.00003232919000,0.00029666060000
C7B1H2S2P7L2M2J2E1A3,RDF,CL5S,12,4,12,13,590,15,10,MNHVY,0.00003872782000,0.00380664200000
C7B1H2S2P7L2M2J2E2A1,RDF,CL5S,12,4,12,13,590,15,40,MEPDG,0.00014005720000,0.00211622800000
C7B1H2S2P7L2M2J2E2A2,RDF,CL5S,12,4,12,13,590,15,40,MNAVG,0.00003232919000,0.00029666060000
C7B1H2S2P7L2M2J2E2A3,RDF,CL5S,12,4,12,13,590,15,40,MNHVY,0.00003872782000,0.00380664200000
C7B1H2S2P7L2M3J1E1A1,RDF,CL5S,12,4,12,13,840,12,10,MEPDG,0.00000028718410,0.00000817536400
C7B1H2S2P7L2M3J1E1A2,RDF,CL5S,12,4,12,13,840,12,10,MNAVG,0.00000006039743,0.00000048875110
C7B1H2S2P7L2M3J1E1A3,RDF,CL5S,12,4,12,13,840,12,10,MNHVY,0.00000004076273,0.00000736976800
C7B1H2S2P7L2M3J1E2A1,RDF,CL5S,12,4,12,13,840,12,40,MEPDG,0.00000028718410,0.00000817536400
C7B1H2S2P7L2M3J1E2A2,RDF,CL5S,12,4,12,13,840,12,40,MNAVG,0.00000006039743,0.00000048875110
C7B1H2S2P7L2M3J1E2A3,RDF,CL5S,12,4,12,13,840,12,40,MNHVY,0.00000004076273,0.00000736976800
C7B1H2S2P7L2M3J2E1A1,RDF,CL5S,12,4,12,13,840,15,10,MEPDG,0.00000198887700,0.00010741020000
C7B1H2S2P7L2M3J2E1A2,RDF,CL5S,12,4,12,13,840,15,10,MNAVG,0.00000038067440,0.00001020954000
C7B1H2S2P7L2M3J2E1A3,RDF,CL5S,12,4,12,13,840,15,10,MNHVY,0.00000037927190,0.00014590880000
```

```
C7B1H2S2P7L2M3J2E2A1,RDF,CL5S,12,4,12,13,840,15,40,MEPDG,0.00000198887700,0.00010741020000
C7B1H2S2P7L2M3J2E2A2,RDF,CL5S,12,4,12,13,840,15,40,MNAVG,0.00000038067440,0.00001020954000
C7B1H2S2P7L2M3J2E2A3,RDF,CL5S,12,4,12,13,840,15,40,MNHVY,0.00000037927190,0.00014590880000
C7B2H1S1P1L1M1J1E1A1,RDF,CL5Q,4,12,6,12,340,12,10,MEPDG,152.73550000000000,2.12818100000000
C7B2H1S1P1L1M1J1E1A2,RDF,CL5Q,4,12,6,12,340,12,10,MNAVG,126.25150000000000,0.29024630000000
C7B2H1S1P1L1M1J1E1A3,RDF,CL5Q,4,12,6,12,340,12,10,MNHVY,221.30060000000000,3.24737100000000
C7B2H1S1P1L1M1J1E2A1,RDF,CL5Q,4,12,6,12,340,12,40,MEPDG,94.20938000000000,1.23372600000000
C7B2H1S1P1L1M1J1E2A2,RDF,CL5Q,4,12,6,12,340,12,40,MNAVG,72.99018000000000,0.16162360000000
C7B2H1S1P1L1M1J1E2A3,RDF,CL5Q,4,12,6,12,340,12,40,MNHVY,131.83600000000000,1.83503600000000
C7B2H1S1P1L1M1J2E1A1,RDF,CL5Q,4,12,6,12,340,15,10,MEPDG,179.99930000000000,2.19735600000000
C7B2H1S1P1L1M1J2E1A2,RDF,CL5Q,4,12,6,12,340,15,10,MNAVG,152.55770000000000,0.41099140000000
C7B2H1S1P1L1M1J2E1A3,RDF,CL5Q,4,12,6,12,340,15,10,MNHVY,270.90440000000000,3.99314600000000
C7B2H1S1P1L1M1J2E2A1,RDF,CL5Q,4,12,6,12,340,15,40,MEPDG,113.26250000000000,1.29362700000000
C7B2H1S1P1L1M1J2E2A2,RDF,CL5Q,4,12,6,12,340,15,40,MNAVG,90.57628000000000,0.24151880000000
C7B2H1S1P1L1M1J2E2A3,RDF,CL5Q,4,12,6,12,340,15,40,MNHVY,165.88030000000000,2.35198500000000
C7B2H1S1P1L1M2J1E1A1,RDF,CL5Q,4,12,6,12,590,12,10,MEPDG,10.45520000000000,0.22561260000000
C7B2H1S1P1L1M2J1E1A2,RDF,CL5Q,4,12,6,12,590,12,10,MNAVG,6.83999900000000,0.03046075000000
C7B2H1S1P1L1M2J1E1A3,RDF,CL5Q,4,12,6,12,590,12,10,MNHVY,10.91173000000000,0.33414550000000
C7B2H1S1P1L1M2J1E2A1,RDF,CL5Q,4,12,6,12,590,12,40,MEPDG,5.56584500000000,0.11585800000000
C7B2H1S1P1L1M2J1E2A2,RDF,CL5Q,4,12,6,12,590,12,40,MNAVG,3.44846900000000,0.01398766000000
C7B2H1S1P1L1M2J1E2A3,RDF,CL5Q,4,12,6,12,590,12,40,MNHVY,5.51517100000000,0.15932980000000
C7B2H1S1P1L1M2J2E1A1,RDF,CL5Q,4,12,6,12,590,15,10,MEPDG,16.24904000000000,0.53273800000000
C7B2H1S1P1L1M2J2E1A2,RDF,CL5Q,4,12,6,12,590,15,10,MNAVG,11.78914000000000,0.10202260000000
C7B2H1S1P1L1M2J2E1A3,RDF,CL5Q,4,12,6,12,590,15,10,MNHVY,19.95866000000000,0.97199080000000
C7B2H1S1P1L1M2J2E2A1,RDF,CL5Q,4,12,6,12,590,15,40,MEPDG,9.17119200000000,0.27195040000000
C7B2H1S1P1L1M2J2E2A2,RDF,CL5Q,4,12,6,12,590,15,40,MNAVG,6.42389900000000,0.04971352000000
C7B2H1S1P1L1M2J2E2A3,RDF,CL5Q,4,12,6,12,590,15,40,MNHVY,10.98848000000000,0.48828830000000
C7B2H1S1P1L1M3J1E1A1,RDF,CL5Q,4,12,6,12,840,12,10,MEPDG,1.22385000000000,0.02849664000000
C7B2H1S1P1L1M3J1E1A2,RDF,CL5Q,4,12,6,12,840,12,10,MNAVG,0.61294480000000,0.00311241300000
C7B2H1S1P1L1M3J1E1A3,RDF,CL5Q,4,12,6,12,840,12,10,MNHVY,0.90473710000000,0.03728857000000
C7B2H1S1P1L1M3J1E2A1,RDF,CL5Q,4,12,6,12,840,12,40,MEPDG,0.56457820000000,0.01364283000000
C7B2H1S1P1L1M3J1E2A2,RDF,CL5Q,4,12,6,12,840,12,40,MNAVG,0.27257720000000,0.00125197200000
C7B2H1S1P1L1M3J1E2A3,RDF,CL5Q,4,12,6,12,840,12,40,MNHVY,0.38992130000000,0.01553239000000
C7B2H1S1P1L1M3J2E1A1,RDF,CL5Q,4,12,6,12,840,15,10,MEPDG,2.58675400000000,0.11451890000000
C7B2H1S1P1L1M3J2E1A2,RDF,CL5Q,4,12,6,12,840,15,10,MNAVG,1.59652600000000,0.01994467000000
C7B2H1S1P1L1M3J2E1A3,RDF,CL5Q,4,12,6,12,840,15,10,MNHVY,2.69367400000000,0.20275060000000
C7B2H1S1P1L1M3J2E2A1,RDF,CL5Q,4,12,6,12,840,15,40,MEPDG,1.30238200000000,0.05171678000000
C7B2H1S1P1L1M3J2E2A2,RDF,CL5Q,4,12,6,12,840,15,40,MNAVG,0.79375260000000,0.00825621500000
C7B2H1S1P1L1M3J2E2A3,RDF,CL5Q,4,12,6,12,840,15,40,MNHVY,1.31809900000000,0.08765511000000
C7B2H1S1P1L2M1J1E1A1,RDF,CL5Q,4,12,6,13,340,12,10,MEPDG,23.99723000000000,0.47473430000000
C7B2H1S1P1L2M1J1E1A2,RDF,CL5Q,4,12,6,13,340,12,10,MNAVG,17.81901000000000,0.06658000000000
C7B2H1S1P1L2M1J1E1A3,RDF,CL5Q,4,12,6,13,340,12,10,MNHVY,32.59874000000000,0.72566430000000
C7B2H1S1P1L2M1J1E2A1,RDF,CL5Q,4,12,6,13,340,12,40,MEPDG,23.99723000000000,0.47473430000000
C7B2H1S1P1L2M1J1E2A2,RDF,CL5Q,4,12,6,13,340,12,40,MNAVG,17.81901000000000,0.06658000000000
C7B2H1S1P1L2M1J1E2A3,RDF,CL5Q,4,12,6,13,340,12,40,MNHVY,32.59874000000000,0.72566430000000
C7B2H1S1P1L2M1J2E1A1,RDF,CL5Q,4,12,6,13,340,15,10,MEPDG,29.40944000000000,0.59495590000000
C7B2H1S1P1L2M1J2E1A2,RDF,CL5Q,4,12,6,13,340,15,10,MNAVG,22.69430000000000,0.11754400000000
C7B2H1S1P1L2M1J2E1A3,RDF,CL5Q,4,12,6,13,340,15,10,MNHVY,42.01955000000000,1.09405500000000
C7B2H1S1P1L2M1J2E2A1,RDF,CL5Q,4,12,6,13,340,15,40,MEPDG,29.40944000000000,0.59495590000000
C7B2H1S1P1L2M1J2E2A2,RDF,CL5Q,4,12,6,13,340,15,40,MNAVG,22.69430000000000,0.11754400000000
```

```
C7B2H1S1P1L2M1J2E2A3,RDF,CL5Q,4,12,6,13,340,15,40,MNHVY,42.01955000000000,1.09405500000000
C7B2H1S1P1L2M2J1E1A1,RDF,CL5Q,4,12,6,13,590,12,10,MEPDG,1.32403700000000,0.04266470000000
C7B2H1S1P1L2M2J1E1A2,RDF,CL5Q,4,12,6,13,590,12,10,MNAVG,0.78648910000000,0.00535747100000
C7B2H1S1P1L2M2J1E1A3,RDF,CL5Q,4,12,6,13,590,12,10,MNHVY,1.27254800000000,0.06014666000000
C7B2H1S1P1L2M2J1E2A1,RDF,CL5Q,4,12,6,13,590,12,40,MEPDG,1.32403700000000,0.04266470000000
C7B2H1S1P1L2M2J1E2A2,RDF,CL5Q,4,12,6,13,590,12,40,MNAVG,0.78648910000000,0.00535747100000
C7B2H1S1P1L2M2J1E2A3,RDF,CL5Q,4,12,6,13,590,12,40,MNHVY,1.27254800000000,0.06014666000000
C7B2H1S1P1L2M2J2E1A1,RDF,CL5Q,4,12,6,13,590,15,10,MEPDG,2.28866800000000,0.12216520000000
C7B2H1S1P1L2M2J2E1A2,RDF,CL5Q,4,12,6,13,590,15,10,MNAVG,1.56473800000000,0.02334214000000
C7B2H1S1P1L2M2J2E1A3,RDF,CL5Q,4,12,6,13,590,15,10,MNHVY,2.70651200000000,0.22273960000000
C7B2H1S1P1L2M2J2E2A1,RDF,CL5Q,4,12,6,13,590,15,40,MEPDG,2.28866800000000,0.12216520000000
C7B2H1S1P1L2M2J2E2A2,RDF,CL5Q,4,12,6,13,590,15,40,MNAVG,1.56473800000000,0.02334214000000
C7B2H1S1P1L2M2J2E2A3,RDF,CL5Q,4,12,6,13,590,15,40,MNHVY,2.70651200000000,0.22273960000000
C7B2H1S1P1L2M3J1E1A1,RDF,CL5Q,4,12,6,13,840,12,10,MEPDG,0.12577980000000,0.00460425100000
C7B2H1S1P1L2M3J1E1A2,RDF,CL5Q,4,12,6,13,840,12,10,MNAVG,0.05849122000000,0.00042011380000
C7B2H1S1P1L2M3J1E1A3,RDF,CL5Q,4,12,6,13,840,12,10,MNHVY,0.08381289000000,0.00522006800000
C7B2H1S1P1L2M3J1E2A1,RDF,CL5Q,4,12,6,13,840,12,40,MEPDG,0.12577980000000,0.00460425100000
C7B2H1S1P1L2M3J1E2A2,RDF,CL5Q,4,12,6,13,840,12,40,MNAVG,0.05849122000000,0.00042011380000
C7B2H1S1P1L2M3J1E2A3,RDF,CL5Q,4,12,6,13,840,12,40,MNHVY,0.08381289000000,0.00522006800000
C7B2H1S1P1L2M3J2E1A1,RDF,CL5Q,4,12,6,13,840,15,10,MEPDG,0.31072650000000,0.02109501000000
C7B2H1S1P1L2M3J2E1A2,RDF,CL5Q,4,12,6,13,840,15,10,MNAVG,0.18612780000000,0.00343737500000
C7B2H1S1P1L2M3J2E1A3,RDF,CL5Q,4,12,6,13,840,15,10,MNHVY,0.31158710000000,0.03618034000000
C7B2H1S1P1L2M3J2E2A1,RDF,CL5Q,4,12,6,13,840,15,40,MEPDG,0.31072650000000,0.02109501000000
C7B2H1S1P1L2M3J2E2A2,RDF,CL5Q,4,12,6,13,840,15,40,MNAVG,0.18612780000000,0.00343737500000
C7B2H1S1P1L2M3J2E2A3,RDF,CL5Q,4,12,6,13,840,15,40,MNHVY,0.31158710000000,0.03618034000000
C7B2H1S1P2L1M1J1E1A1,RDF,CL5Q,4,12,7,12,340,12,10,MEPDG,52.51000000000000,1.55831300000000
C7B2H1S1P2L1M1J1E1A2,RDF,CL5Q,4,12,7,12,340,12,10,MNAVG,39.79807000000000,0.25036630000000
C7B2H1S1P2L1M1J1E1A3,RDF,CL5Q,4,12,7,12,340,12,10,MNHVY,68.23958000000000,2.62634600000000
C7B2H1S1P2L1M1J1E2A1,RDF,CL5Q,4,12,7,12,340,12,40,MEPDG,30.44020000000000,0.87947910000000
C7B2H1S1P2L1M1J1E2A2,RDF,CL5Q,4,12,7,12,340,12,40,MNAVG,22.00484000000000,0.13333420000000
C7B2H1S1P2L1M1J1E2A3,RDF,CL5Q,4,12,7,12,340,12,40,MNHVY,38.09134000000000,1.43164600000000
C7B2H1S1P2L1M1J2E1A1,RDF,CL5Q,4,12,7,12,340,15,10,MEPDG,76.25341000000000,2.56253100000000
C7B2H1S1P2L1M1J2E1A2,RDF,CL5Q,4,12,7,12,340,15,10,MNAVG,61.95889000000000,0.52476890000000
C7B2H1S1P2L1M1J2E1A3,RDF,CL5Q,4,12,7,12,340,15,10,MNHVY,109.89020000000000,4.86982700000000
C7B2H1S1P2L1M1J2E2A1,RDF,CL5Q,4,12,7,12,340,15,40,MEPDG,46.34700000000000,1.50282100000000
C7B2H1S1P2L1M1J2E2A2,RDF,CL5Q,4,12,7,12,340,15,40,MNAVG,36.42480000000000,0.30412150000000
C7B2H1S1P2L1M1J2E2A3,RDF,CL5Q,4,12,7,12,340,15,40,MNHVY,65.46426000000000,2.84105100000000
C7B2H1S1P2L1M2J1E1A1,RDF,CL5Q,4,12,7,12,590,12,10,MEPDG,2.51520000000000,0.11182710000000
C7B2H1S1P2L1M2J1E1A2,RDF,CL5Q,4,12,7,12,590,12,10,MNAVG,1.31065800000000,0.01580073000000
C7B2H1S1P2L1M2J1E1A3,RDF,CL5Q,4,12,7,12,590,12,10,MNHVY,2.05729800000000,0.17748260000000
C7B2H1S1P2L1M2J1E2A1,RDF,CL5Q,4,12,7,12,590,12,40,MEPDG,1.18805300000000,0.05631980000000
C7B2H1S1P2L1M2J1E2A2,RDF,CL5Q,4,12,7,12,590,12,40,MNAVG,0.60389350000000,0.00716785100000
C7B2H1S1P2L1M2J1E2A3,RDF,CL5Q,4,12,7,12,590,12,40,MNHVY,0.91032870000000,0.08271597000000
C7B2H1S1P2L1M2J2E1A1,RDF,CL5Q,4,12,7,12,590,15,10,MEPDG,5.82810700000000,0.40104790000000
C7B2H1S1P2L1M2J2E1A2,RDF,CL5Q,4,12,7,12,590,15,10,MNAVG,3.74128600000000,0.07927512000000
C7B2H1S1P2L1M2J2E1A3,RDF,CL5Q,4,12,7,12,590,15,10,MNHVY,6.67506300000000,0.76045080000000
C7B2H1S1P2L1M2J2E2A1,RDF,CL5Q,4,12,7,12,590,15,40,MEPDG,3.02110100000000,0.20257350000000
C7B2H1S1P2L1M2J2E2A2,RDF,CL5Q,4,12,7,12,590,15,40,MNAVG,1.93945700000000,0.03846475000000
C7B2H1S1P2L1M2J2E2A3,RDF,CL5Q,4,12,7,12,590,15,40,MNHVY,3.37247700000000,0.37658620000000
C7B2H1S1P2L1M3J1E1A1,RDF,CL5Q,4,12,7,12,840,12,10,MEPDG,0.20446940000000,0.00863124400000
```

```
C7B2H1S1P2L1M3J1E1A2,RDF,CL5Q,4,12,7,12,840,12,10,MNAVG,0.07560903000000,0.00093526200000
C7B2H1S1P2L1M3J1E1A3,RDF,CL5Q,4,12,7,12,840,12,10,MNHVY,0.10623270000000,0.01158470000000
C7B2H1S1P2L1M3J1E2A1,RDF,CL5Q,4,12,7,12,840,12,40,MEPDG,0.08035985000000,0.00409418000000
C7B2H1S1P2L1M3J1E2A2,RDF,CL5Q,4,12,7,12,840,12,40,MNAVG,0.02992507000000,0.00037269830000
C7B2H1S1P2L1M3J1E2A3,RDF,CL5Q,4,12,7,12,840,12,40,MNHVY,0.03882148000000,0.00478030900000
C7B2H1S1P2L1M3J2E1A1,RDF,CL5Q,4,12,7,12,840,15,10,MEPDG,0.73501550000000,0.05315534000000
C7B2H1S1P2L1M3J2E1A2,RDF,CL5Q,4,12,7,12,840,15,10,MNAVG,0.37064620000000,0.00909259400000
C7B2H1S1P2L1M3J2E1A3,RDF,CL5Q,4,12,7,12,840,15,10,MNHVY,0.68211510000000,0.09664575000000
C7B2H1S1P2L1M3J2E2A1,RDF,CL5Q,4,12,7,12,840,15,40,MEPDG,0.32738050000000,0.02407005000000
C7B2H1S1P2L1M3J2E2A2,RDF,CL5Q,4,12,7,12,840,15,40,MNAVG,0.16890190000000,0.00382819200000
C7B2H1S1P2L1M3J2E2A3,RDF,CL5Q,4,12,7,12,840,15,40,MNHVY,0.29208590000000,0.04175296000000
C7B2H1S1P2L2M1J1E1A1,RDF,CL5Q,4,12,7,13,340,12,10,MEPDG,7.62496200000000,0.36137850000000
C7B2H1S1P2L2M1J1E1A2,RDF,CL5Q,4,12,7,13,340,12,10,MNAVG,5.31379700000000,0.05800517000000
C7B2H1S1P2L2M1J1E1A3,RDF,CL5Q,4,12,7,13,340,12,10,MNHVY,9.28171300000000,0.60398410000000
C7B2H1S1P2L2M1J1E2A1,RDF,CL5Q,4,12,7,13,340,12,40,MEPDG,7.62496200000000,0.36137850000000
C7B2H1S1P2L2M1J1E2A2,RDF,CL5Q,4,12,7,13,340,12,40,MNAVG,5.31379700000000,0.05800517000000
C7B2H1S1P2L2M1J1E2A3,RDF,CL5Q,4,12,7,13,340,12,40,MNHVY,9.28171300000000,0.60398410000000
C7B2H1S1P2L2M1J2E1A1,RDF,CL5Q,4,12,7,13,340,15,10,MEPDG,12.15674000000000,0.74326690000000
C7B2H1S1P2L2M1J2E1A2,RDF,CL5Q,4,12,7,13,340,15,10,MNAVG,9.35156000000000,0.15788390000000
C7B2H1S1P2L2M1J2E1A3,RDF,CL5Q,4,12,7,13,340,15,10,MNHVY,16.91071000000000,1.41775300000000
C7B2H1S1P2L2M1J2E2A1,RDF,CL5Q,4,12,7,13,340,15,40,MEPDG,12.15674000000000,0.74326690000000
C7B2H1S1P2L2M1J2E2A2,RDF,CL5Q,4,12,7,13,340,15,40,MNAVG,9.35156000000000,0.15788390000000
C7B2H1S1P2L2M1J2E2A3,RDF,CL5Q,4,12,7,13,340,15,40,MNHVY,16.91071000000000,1.41775300000000
C7B2H1S1P2L2M2J1E1A1,RDF,CL5Q,4,12,7,13,590,12,10,MEPDG,0.27056630000000,0.02138295000000
C7B2H1S1P2L2M2J1E1A2,RDF,CL5Q,4,12,7,13,590,12,10,MNAVG,0.13294290000000,0.00280746200000
C7B2H1S1P2L2M2J1E1A3,RDF,CL5Q,4,12,7,13,590,12,10,MNHVY,0.20020020000000,0.03203006000000
C7B2H1S1P2L2M2J1E2A1,RDF,CL5Q,4,12,7,13,590,12,40,MEPDG,0.27056630000000,0.02138295000000
C7B2H1S1P2L2M2J1E2A2,RDF,CL5Q,4,12,7,13,590,12,40,MNAVG,0.13294290000000,0.00280746200000
C7B2H1S1P2L2M2J1E2A3,RDF,CL5Q,4,12,7,13,590,12,40,MNHVY,0.20020020000000,0.03203006000000
C7B2H1S1P2L2M2J2E1A1,RDF,CL5Q,4,12,7,13,590,15,10,MEPDG,0.74474310000000,0.09286508000000
C7B2H1S1P2L2M2J2E1A2,RDF,CL5Q,4,12,7,13,590,15,10,MNAVG,0.47250490000000,0.01809432000000
C7B2H1S1P2L2M2J2E1A3,RDF,CL5Q,4,12,7,13,590,15,10,MNHVY,0.82371680000000,0.17478380000000
C7B2H1S1P2L2M2J2E2A1,RDF,CL5Q,4,12,7,13,590,15,40,MEPDG,0.74474310000000,0.09286508000000
C7B2H1S1P2L2M2J2E2A2,RDF,CL5Q,4,12,7,13,590,15,40,MNAVG,0.47250490000000,0.01809432000000
C7B2H1S1P2L2M2J2E2A3,RDF,CL5Q,4,12,7,13,590,15,40,MNHVY,0.82371680000000,0.17478380000000
C7B2H1S1P2L2M3J1E1A1,RDF,CL5Q,4,12,7,13,840,12,10,MEPDG,0.01684657000000,0.00141900600000
C7B2H1S1P2L2M3J1E1A2,RDF,CL5Q,4,12,7,13,840,12,10,MNAVG,0.00615454800000,0.00012860490000
C7B2H1S1P2L2M3J1E1A3,RDF,CL5Q,4,12,7,13,840,12,10,MNHVY,0.00785921700000,0.00164679900000
C7B2H1S1P2L2M3J1E2A1,RDF,CL5Q,4,12,7,13,840,12,40,MEPDG,0.01684657000000,0.00141900600000
C7B2H1S1P2L2M3J1E2A2,RDF,CL5Q,4,12,7,13,840,12,40,MNAVG,0.00615454800000,0.00012860490000
C7B2H1S1P2L2M3J1E2A3,RDF,CL5Q,4,12,7,13,840,12,40,MNHVY,0.00785921700000,0.00164679900000
C7B2H1S1P2L2M3J2E1A1,RDF,CL5Q,4,12,7,13,840,15,10,MEPDG,0.07497487000000,0.01001309000000
C7B2H1S1P2L2M3J2E1A2,RDF,CL5Q,4,12,7,13,840,15,10,MNAVG,0.03827745000000,0.00160539800000
C7B2H1S1P2L2M3J2E1A3,RDF,CL5Q,4,12,7,13,840,15,10,MNHVY,0.06572316000000,0.01749102000000
C7B2H1S1P2L2M3J2E2A1,RDF,CL5Q,4,12,7,13,840,15,40,MEPDG,0.07497487000000,0.01001309000000
C7B2H1S1P2L2M3J2E2A2,RDF,CL5Q,4,12,7,13,840,15,40,MNAVG,0.03827745000000,0.00160539800000
C7B2H1S1P2L2M3J2E2A3,RDF,CL5Q,4,12,7,13,840,15,40,MNHVY,0.06572316000000,0.01749102000000
C7B2H1S1P3L1M1J1E1A1,RDF,CL5Q,4,12,8,12,340,12,10,MEPDG,16.73102000000000,1.20484000000000
C7B2H1S1P3L1M1J1E1A2,RDF,CL5Q,4,12,8,12,340,12,10,MNAVG,10.70452000000000,0.20645630000000
C7B2H1S1P3L1M1J1E1A3,RDF,CL5Q,4,12,8,12,340,12,10,MNHVY,18.05430000000000,2.16809300000000
```

```
C7B2H1S1P3L1M1J1E2A1,RDF,CL5Q,4,12,8,12,340,12,40,MEPDG,8.83397800000000,0.66988310000000
C7B2H1S1P3L1M1J1E2A2,RDF,CL5Q,4,12,8,12,340,12,40,MNAVG,5.49231100000000,0.10922980000000
C7B2H1S1P3L1M1J1E2A3,RDF,CL5Q,4,12,8,12,340,12,40,MNHVY,9.04649400000000,1.16240500000000
C7B2H1S1P3L1M1J2E1A1,RDF,CL5Q,4,12,8,12,340,15,10,MEPDG,32.08673000000000,2.71357800000000
C7B2H1S1P3L1M1J2E1A2,RDF,CL5Q,4,12,8,12,340,15,10,MNAVG,23.58412000000000,0.57870200000000
C7B2H1S1P3L1M1J2E1A3,RDF,CL5Q,4,12,8,12,340,15,10,MNHVY,42.84219000000000,5.32947500000000
C7B2H1S1P3L1M1J2E2A1,RDF,CL5Q,4,12,8,12,340,15,40,MEPDG,18.31609000000000,1.56933000000000
C7B2H1S1P3L1M1J2E2A2,RDF,CL5Q,4,12,8,12,340,15,40,MNAVG,13.35982000000000,0.32977890000000
C7B2H1S1P3L1M1J2E2A3,RDF,CL5Q,4,12,8,12,340,15,40,MNHVY,23.96942000000000,3.05445400000000
C7B2H1S1P3L1M2J1E1A1,RDF,CL5Q,4,12,8,12,590,12,10,MEPDG,0.49544520000000,0.05211741000000
C7B2H1S1P3L1M2J1E1A2,RDF,CL5Q,4,12,8,12,590,12,10,MNAVG,0.18993610000000,0.00775545900000
C7B2H1S1P3L1M2J1E1A3,RDF,CL5Q,4,12,8,12,590,12,10,MNHVY,0.28147390000000,0.08814331000000
C7B2H1S1P3L1M2J1E2A1,RDF,CL5Q,4,12,8,12,590,12,40,MEPDG,0.20304160000000,0.02563635000000
C7B2H1S1P3L1M2J1E2A2,RDF,CL5Q,4,12,8,12,590,12,40,MNAVG,0.07842450000000,0.00344805000000
C7B2H1S1P3L1M2J1E2A3,RDF,CL5Q,4,12,8,12,590,12,40,MNHVY,0.10696070000000,0.04034994000000
C7B2H1S1P3L1M2J2E1A1,RDF,CL5Q,4,12,8,12,590,15,10,MEPDG,1.74123300000000,0.25695950000000
C7B2H1S1P3L1M2J2E1A2,RDF,CL5Q,4,12,8,12,590,15,10,MNAVG,0.90405650000000,0.05088058000000
C7B2H1S1P3L1M2J2E1A3,RDF,CL5Q,4,12,8,12,590,15,10,MNHVY,1.70501300000000,0.50569530000000
C7B2H1S1P3L1M2J2E2A1,RDF,CL5Q,4,12,8,12,590,15,40,MEPDG,0.81109330000000,0.12960850000000
C7B2H1S1P3L1M2J2E2A2,RDF,CL5Q,4,12,8,12,590,15,40,MNAVG,0.43300620000000,0.02476576000000
C7B2H1S1P3L1M2J2E2A3,RDF,CL5Q,4,12,8,12,590,15,40,MNHVY,0.76815790000000,0.24949300000000
C7B2H1S1P3L1M3J1E1A1,RDF,CL5Q,4,12,8,12,840,12,10,MEPDG,0.02570697000000,0.00267761400000
C7B2H1S1P3L1M3J1E1A2,RDF,CL5Q,4,12,8,12,840,12,10,MNAVG,0.00714754600000,0.00030421310000
C7B2H1S1P3L1M3J1E1A3,RDF,CL5Q,4,12,8,12,840,12,10,MNHVY,0.00854025400000,0.00377977500000
C7B2H1S1P3L1M3J1E2A1,RDF,CL5Q,4,12,8,12,840,12,40,MEPDG,0.00840680200000,0.00130139600000
C7B2H1S1P3L1M3J1E2A2,RDF,CL5Q,4,12,8,12,840,12,40,MNAVG,0.00252154000000,0.00012588850000
C7B2H1S1P3L1M3J1E2A3,RDF,CL5Q,4,12,8,12,840,12,40,MNHVY,0.00270047800000,0.00161971300000
C7B2H1S1P3L1M3J2E1A1,RDF,CL5Q,4,12,8,12,840,15,10,MEPDG,0.14892020000000,0.02373569000000
C7B2H1S1P3L1M3J2E1A2,RDF,CL5Q,4,12,8,12,840,15,10,MNAVG,0.05499151000000,0.00403338800000
C7B2H1S1P3L1M3J2E1A3,RDF,CL5Q,4,12,8,12,840,15,10,MNHVY,0.10400130000000,0.04443337000000
C7B2H1S1P3L1M3J2E2A1,RDF,CL5Q,4,12,8,12,840,15,40,MEPDG,0.05679075000000,0.01067408000000
C7B2H1S1P3L1M3J2E2A2,RDF,CL5Q,4,12,8,12,840,15,40,MNAVG,0.02213981000000,0.00167950000000
C7B2H1S1P3L1M3J2E2A3,RDF,CL5Q,4,12,8,12,840,15,40,MNHVY,0.03739398000000,0.01901686000000
C7B2H1S1P3L2M1J1E1A1,RDF,CL5Q,4,12,8,13,340,12,10,MEPDG,2.13481600000000,0.28745880000000
C7B2H1S1P3L2M1J1E1A2,RDF,CL5Q,4,12,8,13,340,12,10,MNAVG,1.28180400000000,0.04902136000000
C7B2H1S1P3L2M1J1E1A3,RDF,CL5Q,4,12,8,13,340,12,10,MNHVY,2.11459000000000,0.51040320000000
C7B2H1S1P3L2M1J1E2A1,RDF,CL5Q,4,12,8,13,340,12,40,MEPDG,2.13481600000000,0.28745880000000
C7B2H1S1P3L2M1J1E2A2,RDF,CL5Q,4,12,8,13,340,12,40,MNAVG,1.28180400000000,0.04902136000000
C7B2H1S1P3L2M1J1E2A3,RDF,CL5Q,4,12,8,13,340,12,40,MNHVY,2.11459000000000,0.51040320000000
C7B2H1S1P3L2M1J2E1A1,RDF,CL5Q,4,12,8,13,340,15,10,MEPDG,4.75755600000000,0.80303970000000
C7B2H1S1P3L2M1J2E1A2,RDF,CL5Q,4,12,8,13,340,15,10,MNAVG,3.42543000000000,0.17507330000000
C7B2H1S1P3L2M1J2E1A3,RDF,CL5Q,4,12,8,13,340,15,10,MNHVY,6.14928100000000,1.57541100000000
C7B2H1S1P3L2M1J2E2A1,RDF,CL5Q,4,12,8,13,340,15,40,MEPDG,4.75755600000000,0.80303970000000
C7B2H1S1P3L2M1J2E2A2,RDF,CL5Q,4,12,8,13,340,15,40,MNAVG,3.42543000000000,0.17507330000000
C7B2H1S1P3L2M1J2E2A3,RDF,CL5Q,4,12,8,13,340,15,40,MNHVY,6.14928100000000,1.57541100000000
C7B2H1S1P3L2M2J1E1A1,RDF,CL5Q,4,12,8,13,590,12,10,MEPDG,0.04355891000000,0.00997409900000
C7B2H1S1P3L2M2J1E1A2,RDF,CL5Q,4,12,8,13,590,12,10,MNAVG,0.01645995000000,0.00138171600000
C7B2H1S1P3L2M2J1E1A3,RDF,CL5Q,4,12,8,13,590,12,10,MNHVY,0.02205499000000,0.01594977000000
C7B2H1S1P3L2M2J1E2A1,RDF,CL5Q,4,12,8,13,590,12,40,MEPDG,0.04355891000000,0.00997409900000
C7B2H1S1P3L2M2J1E2A2,RDF,CL5Q,4,12,8,13,590,12,40,MNAVG,0.01645995000000,0.00138171600000
```

```
C7B2H1S1P3L2M2J1E2A3,RDF,CL5Q,4,12,8,13,590,12,40,MNHVY,0.02205499000000,0.01594977000000
C7B2H1S1P3L2M2J2E1A1,RDF,CL5Q,4,12,8,13,590,15,10,MEPDG,0.19249500000000,0.06134358000000
C7B2H1S1P3L2M2J2E1A2,RDF,CL5Q,4,12,8,13,590,15,10,MNAVG,0.10212470000000,0.01200223000000
C7B2H1S1P3L2M2J2E1A3,RDF,CL5Q,4,12,8,13,590,15,10,MNHVY,0.17997150000000,0.11932960000000
C7B2H1S1P3L2M2J2E2A1,RDF,CL5Q,4,12,8,13,590,15,40,MEPDG,0.19249500000000,0.06134358000000
C7B2H1S1P3L2M2J2E2A2,RDF,CL5Q,4,12,8,13,590,15,40,MNAVG,0.10212470000000,0.01200223000000
C7B2H1S1P3L2M2J2E2A3,RDF,CL5Q,4,12,8,13,590,15,40,MNHVY,0.17997150000000,0.11932960000000
C7B2H1S1P3L2M3J1E1A1,RDF,CL5Q,4,12,8,13,840,12,10,MEPDG,0.00163065500000,0.00046947570000
C7B2H1S1P3L2M3J1E1A2,RDF,CL5Q,4,12,8,13,840,12,10,MNAVG,0.00049364580000,0.00004532984000
C7B2H1S1P3L2M3J1E1A3,RDF,CL5Q,4,12,8,13,840,12,10,MNHVY,0.00051309880000,0.00058132740000
C7B2H1S1P3L2M3J1E2A1,RDF,CL5Q,4,12,8,13,840,12,40,MEPDG,0.00163065500000,0.00046947570000
C7B2H1S1P3L2M3J1E2A2,RDF,CL5Q,4,12,8,13,840,12,40,MNAVG,0.00049364580000,0.00004532984000
C7B2H1S1P3L2M3J1E2A3,RDF,CL5Q,4,12,8,13,840,12,40,MNHVY,0.00051309880000,0.00058132740000
C7B2H1S1P3L2M3J2E1A1,RDF,CL5Q,4,12,8,13,840,15,10,MEPDG,0.01227264000000,0.00461074200000
C7B2H1S1P3L2M3J2E1A2,RDF,CL5Q,4,12,8,13,840,15,10,MNAVG,0.00477947200000,0.00073505170000
C7B2H1S1P3L2M3J2E1A3,RDF,CL5Q,4,12,8,13,840,15,10,MNHVY,0.00790867900000,0.00826222700000
C7B2H1S1P3L2M3J2E2A1,RDF,CL5Q,4,12,8,13,840,15,40,MEPDG,0.01227264000000,0.00461074200000
C7B2H1S1P3L2M3J2E2A2,RDF,CL5Q,4,12,8,13,840,15,40,MNAVG,0.00477947200000,0.00073505170000
C7B2H1S1P3L2M3J2E2A3,RDF,CL5Q,4,12,8,13,840,15,40,MNHVY,0.00790867900000,0.00826222700000
C7B2H1S1P4L1M1J1E1A1,RDF,CL5Q,4,12,9,12,340,12,10,MEPDG,4.89721900000000,0.76919500000000
C7B2H1S1P4L1M1J1E1A2,RDF,CL5Q,4,12,9,12,340,12,10,MNAVG,2.49039400000000,0.13147610000000
C7B2H1S1P4L1M1J1E1A3,RDF,CL5Q,4,12,9,12,340,12,10,MNHVY,4.10065900000000,1.43258800000000
C7B2H1S1P4L1M1J1E2A1,RDF,CL5Q,4,12,9,12,340,12,40,MEPDG,2.33074700000000,0.42493710000000
C7B2H1S1P4L1M1J1E2A2,RDF,CL5Q,4,12,9,12,340,12,40,MNAVG,1.17300900000000,0.06920181000000
C7B2H1S1P4L1M1J1E2A3,RDF,CL5Q,4,12,9,12,340,12,40,MNHVY,1.82108300000000,0.76350580000000
C7B2H1S1P4L1M1J2E1A1,RDF,CL5Q,4,12,9,12,340,15,10,MEPDG,12.71971000000000,2.22020000000000
C7B2H1S1P4L1M1J2E1A2,RDF,CL5Q,4,12,9,12,340,15,10,MNAVG,8.11811800000000,0.46776430000000
C7B2H1S1P4L1M1J2E1A3,RDF,CL5Q,4,12,9,12,340,15,10,MNHVY,15.29872000000000,4.46478600000000
C7B2H1S1P4L1M1J2E2A1,RDF,CL5Q,4,12,9,12,340,15,40,MEPDG,6.70713300000000,1.28802600000000
C7B2H1S1P4L1M1J2E2A2,RDF,CL5Q,4,12,9,12,340,15,40,MNAVG,4.34317900000000,0.26828430000000
C7B2H1S1P4L1M1J2E2A3,RDF,CL5Q,4,12,9,12,340,15,40,MNHVY,7.86920400000000,2.56116400000000
C7B2H1S1P4L1M2J1E1A1,RDF,CL5Q,4,12,9,12,590,12,10,MEPDG,0.08456942000000,0.02054953000000
C7B2H1S1P4L1M2J1E1A2,RDF,CL5Q,4,12,9,12,590,12,10,MNAVG,0.02408442000000,0.00293720200000
C7B2H1S1P4L1M2J1E1A3,RDF,CL5Q,4,12,9,12,590,12,10,MNHVY,0.03156516000000,0.03477328000000
C7B2H1S1P4L1M2J1E2A1,RDF,CL5Q,4,12,9,12,590,12,40,MEPDG,0.02978004000000,0.01056344000000
C7B2H1S1P4L1M2J1E2A2,RDF,CL5Q,4,12,9,12,590,12,40,MNAVG,0.00902263700000,0.00139245300000
C7B2H1S1P4L1M2J1E2A3,RDF,CL5Q,4,12,9,12,590,12,40,MNHVY,0.01058149000000,0.01681864000000
C7B2H1S1P4L1M2J2E1A1,RDF,CL5Q,4,12,9,12,590,15,10,MEPDG,0.42692410000000,0.13668830000000
C7B2H1S1P4L1M2J2E1A2,RDF,CL5Q,4,12,9,12,590,15,10,MNAVG,0.16782370000000,0.02595316000000
C7B2H1S1P4L1M2J2E1A3,RDF,CL5Q,4,12,9,12,590,15,10,MNHVY,0.32211260000000,0.27283970000000
C7B2H1S1P4L1M2J2E2A1,RDF,CL5Q,4,12,9,12,590,15,40,MEPDG,0.17502710000000,0.07050403000000
C7B2H1S1P4L1M2J2E2A2,RDF,CL5Q,4,12,9,12,590,15,40,MNAVG,0.07261941000000,0.01299657000000
C7B2H1S1P4L1M2J2E2A3,RDF,CL5Q,4,12,9,12,590,15,40,MNHVY,0.12601110000000,0.13776600000000
C7B2H1S1P4L1M3J1E1A1,RDF,CL5Q,4,12,9,12,840,12,10,MEPDG,0.00277776500000,0.00073907340000
C7B2H1S1P4L1M3J1E1A2,RDF,CL5Q,4,12,9,12,840,12,10,MNAVG,0.00067072530000,0.00007724995000
C7B2H1S1P4L1M3J1E1A3,RDF,CL5Q,4,12,9,12,840,12,10,MNHVY,0.00064306540000,0.00099791890000
C7B2H1S1P4L1M3J1E2A1,RDF,CL5Q,4,12,9,12,840,12,40,MEPDG,0.00074402250000,0.00039292350000
C7B2H1S1P4L1M3J1E2A2,RDF,CL5Q,4,12,9,12,840,12,40,MNAVG,0.00020993050000,0.00003562349000
C7B2H1S1P4L1M3J1E2A3,RDF,CL5Q,4,12,9,12,840,12,40,MNHVY,0.00017957640000,0.00047118030000
C7B2H1S1P4L1M3J2E1A1,RDF,CL5Q,4,12,9,12,840,15,10,MEPDG,0.02269147000000,0.00929926600000
```

```
C7B2H1S1P4L1M3J2E1A2,RDF,CL5Q,4,12,9,12,840,15,10,MNAVG,0.00598846600000,0.00148055700000
C7B2H1S1P4L1M3J2E1A3,RDF,CL5Q,4,12,9,12,840,15,10,MNHVY,0.01032435000000,0.01720556000000
C7B2H1S1P4L1M3J2E2A1,RDF,CL5Q,4,12,9,12,840,15,40,MEPDG,0.00738999000000,0.00439398800000
C7B2H1S1P4L1M3J2E2A2,RDF,CL5Q,4,12,9,12,840,15,40,MNAVG,0.00216730200000,0.00065416230000
C7B2H1S1P4L1M3J2E2A3,RDF,CL5Q,4,12,9,12,840,15,40,MNHVY,0.00321919800000,0.00775328700000
C7B2H1S1P4L2M1J1E1A1,RDF,CL5Q,4,12,9,13,340,12,10,MEPDG,0.53878950000000,0.18588710000000
C7B2H1S1P4L2M1J1E1A2,RDF,CL5Q,4,12,9,13,340,12,10,MNAVG,0.26286200000000,0.03145844000000
C7B2H1S1P4L2M1J1E1A3,RDF,CL5Q,4,12,9,13,340,12,10,MNHVY,0.40445100000000,0.34008210000000
C7B2H1S1P4L2M1J1E2A1,RDF,CL5Q,4,12,9,13,340,12,40,MEPDG,0.53878950000000,0.18588710000000
C7B2H1S1P4L2M1J1E2A2,RDF,CL5Q,4,12,9,13,340,12,40,MNAVG,0.26286200000000,0.03145844000000
C7B2H1S1P4L2M1J1E2A3,RDF,CL5Q,4,12,9,13,340,12,40,MNHVY,0.40445100000000,0.34008210000000
C7B2H1S1P4L2M1J2E1A1,RDF,CL5Q,4,12,9,13,340,15,10,MEPDG,1.70164700000000,0.67449390000000
C7B2H1S1P4L2M1J2E1A2,RDF,CL5Q,4,12,9,13,340,15,10,MNAVG,1.09413700000000,0.14482130000000
C7B2H1S1P4L2M1J2E1A3,RDF,CL5Q,4,12,9,13,340,15,10,MNHVY,1.97239400000000,1.35222900000000
C7B2H1S1P4L2M1J2E2A1,RDF,CL5Q,4,12,9,13,340,15,40,MEPDG,1.70164700000000,0.67449390000000
C7B2H1S1P4L2M1J2E2A2,RDF,CL5Q,4,12,9,13,340,15,40,MNAVG,1.09413700000000,0.14482130000000
C7B2H1S1P4L2M1J2E2A3,RDF,CL5Q,4,12,9,13,340,15,40,MNHVY,1.97239400000000,1.35222900000000
C7B2H1S1P4L2M2J1E1A1,RDF,CL5Q,4,12,9,13,590,12,10,MEPDG,0.00597616400000,0.00411798500000
C7B2H1S1P4L2M2J1E1A2,RDF,CL5Q,4,12,9,13,590,12,10,MNAVG,0.00181581300000,0.00055343870000
C7B2H1S1P4L2M2J1E1A3,RDF,CL5Q,4,12,9,13,590,12,10,MNHVY,0.00206253300000,0.00661545900000
C7B2H1S1P4L2M2J1E2A1,RDF,CL5Q,4,12,9,13,590,12,40,MEPDG,0.00597616400000,0.00411798500000
C7B2H1S1P4L2M2J1E2A2,RDF,CL5Q,4,12,9,13,590,12,40,MNAVG,0.00181581300000,0.00055343870000
C7B2H1S1P4L2M2J1E2A3,RDF,CL5Q,4,12,9,13,590,12,40,MNHVY,0.00206253300000,0.00661545900000
C7B2H1S1P4L2M2J2E1A1,RDF,CL5Q,4,12,9,13,590,15,10,MEPDG,0.03921653000000,0.03392837000000
C7B2H1S1P4L2M2J2E1A2,RDF,CL5Q,4,12,9,13,590,15,10,MNAVG,0.01625138000000,0.00640145000000
C7B2H1S1P4L2M2J2E1A3,RDF,CL5Q,4,12,9,13,590,15,10,MNHVY,0.02764755000000,0.06678975000000
C7B2H1S1P4L2M2J2E2A1,RDF,CL5Q,4,12,9,13,590,15,40,MEPDG,0.03921653000000,0.03392837000000
C7B2H1S1P4L2M2J2E2A2,RDF,CL5Q,4,12,9,13,590,15,40,MNAVG,0.01625138000000,0.00640145000000
C7B2H1S1P4L2M2J2E2A3,RDF,CL5Q,4,12,9,13,590,15,40,MNHVY,0.02764755000000,0.06678975000000
C7B2H1S1P4L2M3J1E1A1,RDF,CL5Q,4,12,9,13,840,12,10,MEPDG,0.00013235200000,0.00014637380000
C7B2H1S1P4L2M3J1E1A2,RDF,CL5Q,4,12,9,13,840,12,10,MNAVG,0.00003876095000,0.00001313797000
C7B2H1S1P4L2M3J1E1A3,RDF,CL5Q,4,12,9,13,840,12,10,MNHVY,0.00003197664000,0.00017343940000
C7B2H1S1P4L2M3J1E2A1,RDF,CL5Q,4,12,9,13,840,12,40,MEPDG,0.00013235200000,0.00014637380000
C7B2H1S1P4L2M3J1E2A2,RDF,CL5Q,4,12,9,13,840,12,40,MNAVG,0.00003876095000,0.00001313797000
C7B2H1S1P4L2M3J1E2A3,RDF,CL5Q,4,12,9,13,840,12,40,MNHVY,0.00003197664000,0.00017343940000
C7B2H1S1P4L2M3J2E1A1,RDF,CL5Q,4,12,9,13,840,15,10,MEPDG,0.00147856100000,0.00196251700000
C7B2H1S1P4L2M3J2E1A2,RDF,CL5Q,4,12,9,13,840,15,10,MNAVG,0.00044014160000,0.00029634220000
C7B2H1S1P4L2M3J2E1A3,RDF,CL5Q,4,12,9,13,840,15,10,MNHVY,0.00062961600000,0.00347851900000
C7B2H1S1P4L2M3J2E2A1,RDF,CL5Q,4,12,9,13,840,15,40,MEPDG,0.00147856100000,0.00196251700000
C7B2H1S1P4L2M3J2E2A2,RDF,CL5Q,4,12,9,13,840,15,40,MNAVG,0.00044014160000,0.00029634220000
C7B2H1S1P4L2M3J2E2A3,RDF,CL5Q,4,12,9,13,840,15,40,MNHVY,0.00062961600000,0.00347851900000
C7B2H1S1P5L1M1J1E1A1,RDF,CL5Q,4,12,10,12,340,12,10,MEPDG,1.31704200000000,0.42896760000000
C7B2H1S1P5L1M1J1E1A2,RDF,CL5Q,4,12,10,12,340,12,10,MNAVG,0.51173530000000,0.06934241000000
C7B2H1S1P5L1M1J1E1A3,RDF,CL5Q,4,12,10,12,340,12,10,MNHVY,0.80327670000000,0.79731680000000
C7B2H1S1P5L1M1J1E2A1,RDF,CL5Q,4,12,10,12,340,12,40,MEPDG,0.56042870000000,0.24000490000000
C7B2H1S1P5L1M1J1E2A2,RDF,CL5Q,4,12,10,12,340,12,40,MNAVG,0.22027610000000,0.03730953000000
C7B2H1S1P5L1M1J1E2A3,RDF,CL5Q,4,12,10,12,340,12,40,MNHVY,0.31545370000000,0.43204840000000
C7B2H1S1P5L1M1J2E1A1,RDF,CL5Q,4,12,10,12,340,15,10,MEPDG,4.46022000000000,1.55009200000000
C7B2H1S1P5L1M1J2E1A2,RDF,CL5Q,4,12,10,12,340,15,10,MNAVG,2.35460600000000,0.31110010000000
C7B2H1S1P5L1M1J2E1A3,RDF,CL5Q,4,12,10,12,340,15,10,MNHVY,4.55437500000000,3.15737100000000
```

```
C7B2H1S1P5L1M1J2E2A1,RDF,CL5Q,4,12,10,12,340,15,40,MEPDG,2.15917800000000,0.90701700000000
C7B2H1S1P5L1M1J2E2A2,RDF,CL5Q,4,12,10,12,340,15,40,MNAVG,1.18165600000000,0.18066790000000
C7B2H1S1P5L1M1J2E2A3,RDF,CL5Q,4,12,10,12,340,15,40,MNHVY,2.14049000000000,1.82588900000000
C7B2H1S1P5L1M2J1E1A1,RDF,CL5Q,4,12,10,12,590,12,10,MEPDG,0.01316210000000,0.00735959700000
C7B2H1S1P5L1M2J1E1A2,RDF,CL5Q,4,12,10,12,590,12,10,MNAVG,0.00311105800000,0.00092647070000
C7B2H1S1P5L1M2J1E1A3,RDF,CL5Q,4,12,10,12,590,12,10,MNHVY,0.00343447200000,0.01179186000000
C7B2H1S1P5L1M2J1E2A1,RDF,CL5Q,4,12,10,12,590,12,40,MEPDG,0.00395098900000,0.00394321000000
C7B2H1S1P5L1M2J1E2A2,RDF,CL5Q,4,12,10,12,590,12,40,MNAVG,0.00106635300000,0.00046687970000
C7B2H1S1P5L1M2J1E2A3,RDF,CL5Q,4,12,10,12,590,12,40,MNHVY,0.00104365000000,0.00596572400000
C7B2H1S1P5L1M2J2E1A1,RDF,CL5Q,4,12,10,12,590,15,10,MEPDG,0.08653328000000,0.06384671000000
C7B2H1S1P5L1M2J2E1A2,RDF,CL5Q,4,12,10,12,590,15,10,MNAVG,0.02516735000000,0.01110717000000
C7B2H1S1P5L1M2J2E1A3,RDF,CL5Q,4,12,10,12,590,15,10,MNHVY,0.04564207000000,0.12530300000000
C7B2H1S1P5L1M2J2E2A1,RDF,CL5Q,4,12,10,12,590,15,40,MEPDG,0.03096235000000,0.03432597000000
C7B2H1S1P5L1M2J2E2A2,RDF,CL5Q,4,12,10,12,590,15,40,MNAVG,0.00983280000000,0.00584885200000
C7B2H1S1P5L1M2J2E2A3,RDF,CL5Q,4,12,10,12,590,15,40,MNHVY,0.01557643000000,0.06610202000000
C7B2H1S1P5L1M3J1E1A1,RDF,CL5Q,4,12,10,12,840,12,10,MEPDG,0.00030208410000,0.00021877140000
C7B2H1S1P5L1M3J1E1A2,RDF,CL5Q,4,12,10,12,840,12,10,MNAVG,0.00006889182000,0.00001927317000
C7B2H1S1P5L1M3J1E1A3,RDF,CL5Q,4,12,10,12,840,12,10,MNHVY,0.00005414870000,0.00026851630000
C7B2H1S1P5L1M3J1E2A1,RDF,CL5Q,4,12,10,12,840,12,40,MEPDG,0.00006793306000,0.00012187110000
C7B2H1S1P5L1M3J1E2A2,RDF,CL5Q,4,12,10,12,840,12,40,MNAVG,0.00001921578000,0.00000983862100
C7B2H1S1P5L1M3J1E2A3,RDF,CL5Q,4,12,10,12,840,12,40,MNHVY,0.00001367647000,0.00013693490000
C7B2H1S1P5L1M3J2E1A1,RDF,CL5Q,4,12,10,12,840,15,10,MEPDG,0.00285164200000,0.00340919000000
C7B2H1S1P5L1M3J2E1A2,RDF,CL5Q,4,12,10,12,840,15,10,MNAVG,0.00058900200000,0.00048202870000
C7B2H1S1P5L1M3J2E1A3,RDF,CL5Q,4,12,10,12,840,15,10,MNHVY,0.00081414960000,0.00598809700000
C7B2H1S1P5L1M3J2E2A1,RDF,CL5Q,4,12,10,12,840,15,40,MEPDG,0.00078219180000,0.00178722000000
C7B2H1S1P5L1M3J2E2A2,RDF,CL5Q,4,12,10,12,840,15,40,MNAVG,0.00019027590000,0.00023943480000
C7B2H1S1P5L1M3J2E2A3,RDF,CL5Q,4,12,10,12,840,15,40,MNHVY,0.00022290830000,0.00300267100000
C7B2H1S1P5L2M1J1E1A1,RDF,CL5Q,4,12,10,13,340,12,10,MEPDG,0.12326830000000,0.10590360000000
C7B2H1S1P5L2M1J1E1A2,RDF,CL5Q,4,12,10,13,340,12,10,MNAVG,0.04742360000000,0.01695895000000
C7B2H1S1P5L2M1J1E1A3,RDF,CL5Q,4,12,10,13,340,12,10,MNHVY,0.06650742000000,0.19337140000000
C7B2H1S1P5L2M1J1E2A1,RDF,CL5Q,4,12,10,13,340,12,40,MEPDG,0.12326830000000,0.10590360000000
C7B2H1S1P5L2M1J1E2A2,RDF,CL5Q,4,12,10,13,340,12,40,MNAVG,0.04742360000000,0.01695895000000
C7B2H1S1P5L2M1J1E2A3,RDF,CL5Q,4,12,10,13,340,12,40,MNHVY,0.06650742000000,0.19337140000000
C7B2H1S1P5L2M1J2E1A1,RDF,CL5Q,4,12,10,13,340,15,10,MEPDG,0.52636980000000,0.48054910000000
C7B2H1S1P5L2M1J2E1A2,RDF,CL5Q,4,12,10,13,340,15,10,MNAVG,0.28693510000000,0.09851752000000
C7B2H1S1P5L2M1J2E1A3,RDF,CL5Q,4,12,10,13,340,15,10,MNHVY,0.51353620000000,0.97461260000000
C7B2H1S1P5L2M1J2E2A1,RDF,CL5Q,4,12,10,13,340,15,40,MEPDG,0.52636980000000,0.48054910000000
C7B2H1S1P5L2M1J2E2A2,RDF,CL5Q,4,12,10,13,340,15,40,MNAVG,0.28693510000000,0.09851752000000
C7B2H1S1P5L2M1J2E2A3,RDF,CL5Q,4,12,10,13,340,15,40,MNHVY,0.51353620000000,0.97461260000000
C7B2H1S1P5L2M2J1E1A1,RDF,CL5Q,4,12,10,13,590,12,10,MEPDG,0.00073983170000,0.00159691500000
C7B2H1S1P5L2M2J1E1A2,RDF,CL5Q,4,12,10,13,590,12,10,MNAVG,0.00020583910000,0.00019196300000
C7B2H1S1P5L2M2J1E1A3,RDF,CL5Q,4,12,10,13,590,12,10,MNHVY,0.00019388720000,0.00244024800000
C7B2H1S1P5L2M2J1E2A1,RDF,CL5Q,4,12,10,13,590,12,40,MEPDG,0.00073983170000,0.00159691500000
C7B2H1S1P5L2M2J1E2A2,RDF,CL5Q,4,12,10,13,590,12,40,MNAVG,0.00020583910000,0.00019196300000
C7B2H1S1P5L2M2J1E2A3,RDF,CL5Q,4,12,10,13,590,12,40,MNHVY,0.00019388720000,0.00244024800000
C7B2H1S1P5L2M2J2E1A1,RDF,CL5Q,4,12,10,13,590,15,10,MEPDG,0.00649628100000,0.01663211000000
C7B2H1S1P5L2M2J2E1A2,RDF,CL5Q,4,12,10,13,590,15,10,MNAVG,0.00208395400000,0.00290075200000
C7B2H1S1P5L2M2J2E1A3,RDF,CL5Q,4,12,10,13,590,15,10,MNHVY,0.00319317600000,0.03227547000000
C7B2H1S1P5L2M2J2E2A1,RDF,CL5Q,4,12,10,13,590,15,40,MEPDG,0.00649628100000,0.01663211000000
C7B2H1S1P5L2M2J2E2A2,RDF,CL5Q,4,12,10,13,590,15,40,MNAVG,0.00208395400000,0.00290075200000
```

```
C7B2H1S1P5L2M2J2E2A3,RDF,CL5Q,4,12,10,13,590,15,40,MNHVY,0.00319317600000,0.03227547000000
C7B2H1S1P5L2M3J1E1A1,RDF,CL5Q,4,12,10,13,840,12,10,MEPDG,0.00001122164000,0.00004372263000
C7B2H1S1P5L2M3J1E1A2,RDF,CL5Q,4,12,10,13,840,12,10,MNAVG,0.00000334907200,0.00000349270300
C7B2H1S1P5L2M3J1E1A3,RDF,CL5Q,4,12,10,13,840,12,10,MNHVY,0.00000230491900,0.00004871170000
C7B2H1S1P5L2M3J1E2A1,RDF,CL5Q,4,12,10,13,840,12,40,MEPDG,0.00001122164000,0.00004372263000
C7B2H1S1P5L2M3J1E2A2,RDF,CL5Q,4,12,10,13,840,12,40,MNAVG,0.00000334907200,0.00000349270300
C7B2H1S1P5L2M3J1E2A3,RDF,CL5Q,4,12,10,13,840,12,40,MNHVY,0.00000230491900,0.00004871170000
C7B2H1S1P5L2M3J2E1A1,RDF,CL5Q,4,12,10,13,840,15,10,MEPDG,0.00014456980000,0.00081348100000
C7B2H1S1P5L2M3J2E1A2,RDF,CL5Q,4,12,10,13,840,15,10,MNAVG,0.00003650464000,0.00010998910000
C7B2H1S1P5L2M3J2E1A3,RDF,CL5Q,4,12,10,13,840,15,10,MNHVY,0.00004089965000,0.00136919200000
C7B2H1S1P5L2M3J2E2A1,RDF,CL5Q,4,12,10,13,840,15,40,MEPDG,0.00014456980000,0.00081348100000
C7B2H1S1P5L2M3J2E2A2,RDF,CL5Q,4,12,10,13,840,15,40,MNAVG,0.00003650464000,0.00010998910000
C7B2H1S1P5L2M3J2E2A3,RDF,CL5Q,4,12,10,13,840,15,40,MNHVY,0.00004089965000,0.00136919200000
C7B2H1S1P6L1M1J1E1A1,RDF,CL5Q,4,12,11,12,340,12,10,MEPDG,0.32602270000000,0.21897930000000
C7B2H1S1P6L1M1J1E1A2,RDF,CL5Q,4,12,11,12,340,12,10,MNAVG,0.09705367000000,0.03188538000000
C7B2H1S1P6L1M1J1E1A3,RDF,CL5Q,4,12,11,12,340,12,10,MNHVY,0.14062290000000,0.39368620000000
C7B2H1S1P6L1M1J1E2A1,RDF,CL5Q,4,12,11,12,340,12,40,MEPDG,0.12349400000000,0.12494900000000
C7B2H1S1P6L1M1J1E2A2,RDF,CL5Q,4,12,11,12,340,12,40,MNAVG,0.03853605000000,0.01771219000000
C7B2H1S1P6L1M1J1E2A3,RDF,CL5Q,4,12,11,12,340,12,40,MNHVY,0.04964526000000,0.21830700000000
C7B2H1S1P6L1M1J2E1A1,RDF,CL5Q,4,12,11,12,340,15,10,MEPDG,1.38784400000000,0.97366210000000
C7B2H1S1P6L1M1J2E1A2,RDF,CL5Q,4,12,11,12,340,15,10,MNAVG,0.58287140000000,0.18163840000000
C7B2H1S1P6L1M1J2E1A3,RDF,CL5Q,4,12,11,12,340,15,10,MNHVY,1.13106100000000,1.97390700000000
C7B2H1S1P6L1M1J2E2A1,RDF,CL5Q,4,12,11,12,340,15,40,MEPDG,0.60770540000000,0.57528060000000
C7B2H1S1P6L1M1J2E2A2,RDF,CL5Q,4,12,11,12,340,15,40,MNAVG,0.26946870000000,0.10706900000000
C7B2H1S1P6L1M1J2E2A3,RDF,CL5Q,4,12,11,12,340,15,40,MNHVY,0.47616460000000,1.15415800000000
C7B2H1S1P6L1M2J1E1A1,RDF,CL5Q,4,12,11,12,590,12,10,MEPDG,0.00205427400000,0.00271287900000
C7B2H1S1P6L1M2J1E1A2,RDF,CL5Q,4,12,11,12,590,12,10,MNAVG,0.00044347790000,0.00028760910000
C7B2H1S1P6L1M2J1E1A3,RDF,CL5Q,4,12,11,12,590,12,10,MNHVY,0.00041502090000,0.00397804500000
C7B2H1S1P6L1M2J1E2A1,RDF,CL5Q,4,12,11,12,590,12,40,MEPDG,0.00053048450000,0.00156034200000
C7B2H1S1P6L1M2J1E2A2,RDF,CL5Q,4,12,11,12,590,12,40,MNAVG,0.00013881150000,0.00015950520000
C7B2H1S1P6L1M2J1E2A3,RDF,CL5Q,4,12,11,12,590,12,40,MNHVY,0.00011533770000,0.00218728300000
C7B2H1S1P6L1M2J2E1A1,RDF,CL5Q,4,12,11,12,590,15,10,MEPDG,0.01486584000000,0.02903227000000
C7B2H1S1P6L1M2J2E1A2,RDF,CL5Q,4,12,11,12,590,15,10,MNAVG,0.00332495300000,0.00448182500000
C7B2H1S1P6L1M2J2E1A3,RDF,CL5Q,4,12,11,12,590,15,10,MNHVY,0.00513712600000,0.05470687000000
C7B2H1S1P6L1M2J2E2A1,RDF,CL5Q,4,12,11,12,590,15,40,MEPDG,0.00462808100000,0.01635036000000
C7B2H1S1P6L1M2J2E2A2,RDF,CL5Q,4,12,11,12,590,15,40,MNAVG,0.00118438500000,0.00251087500000
C7B2H1S1P6L1M2J2E2A3,RDF,CL5Q,4,12,11,12,590,15,40,MNHVY,0.00156695100000,0.03037821000000
C7B2H1S1P6L1M3J1E1A1,RDF,CL5Q,4,12,11,12,840,12,10,MEPDG,0.00003626419000,0.00005531884000
C7B2H1S1P6L1M3J1E1A2,RDF,CL5Q,4,12,11,12,840,12,10,MNAVG,0.00000754664800,0.00000441128900
C7B2H1S1P6L1M3J1E1A3,RDF,CL5Q,4,12,11,12,840,12,10,MNHVY,0.00000529492900,0.00006561586000
C7B2H1S1P6L1M3J1E2A1,RDF,CL5Q,4,12,11,12,840,12,40,MEPDG,0.00000701096600,0.00003964842000
C7B2H1S1P6L1M3J1E2A2,RDF,CL5Q,4,12,11,12,840,12,40,MNAVG,0.00000190092300,0.00000282355300
C7B2H1S1P6L1M3J1E2A3,RDF,CL5Q,4,12,11,12,840,12,40,MNHVY,0.00000121001500,0.00004171137000
C7B2H1S1P6L1M3J2E1A1,RDF,CL5Q,4,12,11,12,840,15,10,MEPDG,0.00029877930000,0.00133956400000
C7B2H1S1P6L1M3J2E1A2,RDF,CL5Q,4,12,11,12,840,15,10,MNAVG,0.00005399836000,0.00016231680000
C7B2H1S1P6L1M3J2E1A3,RDF,CL5Q,4,12,11,12,840,15,10,MNHVY,0.00005706158000,0.00217768700000
C7B2H1S1P6L1M3J2E2A1,RDF,CL5Q,4,12,11,12,840,15,40,MEPDG,0.00006970084000,0.00074401300000
C7B2H1S1P6L1M3J2E2A2,RDF,CL5Q,4,12,11,12,840,15,40,MNAVG,0.00001579763000,0.00008644279000
C7B2H1S1P6L1M3J2E2A3,RDF,CL5Q,4,12,11,12,840,15,40,MNHVY,0.00001446813000,0.00115742000000
C7B2H1S1P6L2M1J1E1A1,RDF,CL5Q,4,12,11,13,340,12,10,MEPDG,0.02577607000000,0.05600544000000
```

```
C7B2H1S1P6L2M1J1E1A2,RDF,CL5Q,4,12,11,13,340,12,10,MNAVG,0.00800975400000,0.00811508100000
C7B2H1S1P6L2M1J1E1A3,RDF,CL5Q,4,12,11,13,340,12,10,MNHVY,0.00998369700000,0.09912954000000
C7B2H1S1P6L2M1J1E2A1,RDF,CL5Q,4,12,11,13,340,12,40,MEPDG,0.02577607000000,0.05600544000000
C7B2H1S1P6L2M1J1E2A2,RDF,CL5Q,4,12,11,13,340,12,40,MNAVG,0.00800975400000,0.00811508100000
C7B2H1S1P6L2M1J1E2A3,RDF,CL5Q,4,12,11,13,340,12,40,MNHVY,0.00998369700000,0.09912954000000
C7B2H1S1P6L2M1J2E1A1,RDF,CL5Q,4,12,11,13,340,15,10,MEPDG,0.14092990000000,0.30650360000000
C7B2H1S1P6L2M1J2E1A2,RDF,CL5Q,4,12,11,13,340,15,10,MNAVG,0.06245723000000,0.05859451000000
C7B2H1S1P6L2M1J2E1A3,RDF,CL5Q,4,12,11,13,340,15,10,MNHVY,0.10809300000000,0.61955720000000
C7B2H1S1P6L2M1J2E2A1,RDF,CL5Q,4,12,11,13,340,15,40,MEPDG,0.14092990000000,0.30650360000000
C7B2H1S1P6L2M1J2E2A2,RDF,CL5Q,4,12,11,13,340,15,40,MNAVG,0.06245723000000,0.05859451000000
C7B2H1S1P6L2M1J2E2A3,RDF,CL5Q,4,12,11,13,340,15,40,MNHVY,0.10809300000000,0.61955720000000
C7B2H1S1P6L2M2J1E1A1,RDF,CL5Q,4,12,11,13,590,12,10,MEPDG,0.00009320235000,0.00066571170000
C7B2H1S1P6L2M2J1E1A2,RDF,CL5Q,4,12,11,13,590,12,10,MNAVG,0.00002562086000,0.00006903496000
C7B2H1S1P6L2M2J1E1A3,RDF,CL5Q,4,12,11,13,590,12,10,MNHVY,0.00002048013000,0.00094453000000
C7B2H1S1P6L2M2J1E2A1,RDF,CL5Q,4,12,11,13,590,12,40,MEPDG,0.00009320235000,0.00066571170000
C7B2H1S1P6L2M2J1E2A2,RDF,CL5Q,4,12,11,13,590,12,40,MNAVG,0.00002562086000,0.00006903496000
C7B2H1S1P6L2M2J1E2A3,RDF,CL5Q,4,12,11,13,590,12,40,MNHVY,0.00002048013000,0.00094453000000
C7B2H1S1P6L2M2J2E1A1,RDF,CL5Q,4,12,11,13,590,15,10,MEPDG,0.00090563860000,0.00785072900000
C7B2H1S1P6L2M2J2E1A2,RDF,CL5Q,4,12,11,13,590,15,10,MNAVG,0.00023833500000,0.00122503000000
C7B2H1S1P6L2M2J2E1A3,RDF,CL5Q,4,12,11,13,590,15,10,MNHVY,0.00030202160000,0.01468465000000
C7B2H1S1P6L2M2J2E2A1,RDF,CL5Q,4,12,11,13,590,15,40,MEPDG,0.00090563860000,0.00785072900000
C7B2H1S1P6L2M2J2E2A2,RDF,CL5Q,4,12,11,13,590,15,40,MNAVG,0.00023833500000,0.00122503000000
C7B2H1S1P6L2M2J2E2A3,RDF,CL5Q,4,12,11,13,590,15,40,MNHVY,0.00030202160000,0.01468465000000
C7B2H1S1P6L2M3J1E1A1,RDF,CL5Q,4,12,11,13,840,12,10,MEPDG,0.00000109454600,0.00001646339000
C7B2H1S1P6L2M3J1E1A2,RDF,CL5Q,4,12,11,13,840,12,10,MNAVG,0.00000031719680,0.00000114214500
C7B2H1S1P6L2M3J1E1A3,RDF,CL5Q,4,12,11,13,840,12,10,MNHVY,0.00000019599010,0.00001684889000
C7B2H1S1P6L2M3J1E2A1,RDF,CL5Q,4,12,11,13,840,12,40,MEPDG,0.00000109454600,0.00001646339000
C7B2H1S1P6L2M3J1E2A2,RDF,CL5Q,4,12,11,13,840,12,40,MNAVG,0.00000031719680,0.00000114214500
C7B2H1S1P6L2M3J1E2A3,RDF,CL5Q,4,12,11,13,840,12,40,MNHVY,0.00000019599010,0.00001684889000
C7B2H1S1P6L2M3J2E1A1,RDF,CL5Q,4,12,11,13,840,15,10,MEPDG,0.00001191837000,0.00033018070000
C7B2H1S1P6L2M3J2E1A2,RDF,CL5Q,4,12,11,13,840,15,10,MNAVG,0.00000286097500,0.00003850623000
C7B2H1S1P6L2M3J2E1A3,RDF,CL5Q,4,12,11,13,840,15,10,MNHVY,0.00000251347800,0.00051413540000
C7B2H1S1P6L2M3J2E2A1,RDF,CL5Q,4,12,11,13,840,15,40,MEPDG,0.00001191837000,0.00033018070000
C7B2H1S1P6L2M3J2E2A2,RDF,CL5Q,4,12,11,13,840,15,40,MNAVG,0.00000286097500,0.00003850623000
C7B2H1S1P6L2M3J2E2A3,RDF,CL5Q,4,12,11,13,840,15,40,MNHVY,0.00000251347800,0.00051413540000
C7B2H1S1P7L1M1J1E1A1,RDF,CL5Q,4,12,12,12,340,12,10,MEPDG,0.07721861000000,0.10672070000000
C7B2H1S1P7L1M1J1E1A2,RDF,CL5Q,4,12,12,12,340,12,10,MNAVG,0.01851403000000,0.01361999000000
C7B2H1S1P7L1M1J1E1A3,RDF,CL5Q,4,12,12,12,340,12,10,MNHVY,0.02419775000000,0.18004670000000
C7B2H1S1P7L1M1J1E2A1,RDF,CL5Q,4,12,12,12,340,12,40,MEPDG,0.02601871000000,0.06309627000000
C7B2H1S1P7L1M1J1E2A2,RDF,CL5Q,4,12,12,12,340,12,40,MNAVG,0.00690169200000,0.00795394900000
C7B2H1S1P7L1M1J1E2A3,RDF,CL5Q,4,12,12,12,340,12,40,MNHVY,0.00788442500000,0.10407740000000
C7B2H1S1P7L1M1J2E1A1,RDF,CL5Q,4,12,12,12,340,15,10,MEPDG,0.38399500000000,0.57189330000000
C7B2H1S1P7L1M1J2E1A2,RDF,CL5Q,4,12,12,12,340,15,10,MNAVG,0.12346920000000,0.09782431000000
C7B2H1S1P7L1M1J2E1A3,RDF,CL5Q,4,12,12,12,340,15,10,MNHVY,0.23114230000000,1.13117700000000
C7B2H1S1P7L1M1J2E2A1,RDF,CL5Q,4,12,12,12,340,15,40,MEPDG,0.15072630000000,0.34529450000000
C7B2H1S1P7L1M1J2E2A2,RDF,CL5Q,4,12,12,12,340,15,40,MNAVG,0.05240468000000,0.05937571000000
C7B2H1S1P7L1M1J2E2A3,RDF,CL5Q,4,12,12,12,340,15,40,MNHVY,0.08674876000000,0.67782010000000
C7B2H1S1P7L1M2J1E1A1,RDF,CL5Q,4,12,12,12,590,12,10,MEPDG,0.00034794670000,0.00105285000000
C7B2H1S1P7L1M2J1E1A2,RDF,CL5Q,4,12,12,12,590,12,10,MNAVG,0.00006896270000,0.00009724240000
C7B2H1S1P7L1M2J1E1A3,RDF,CL5Q,4,12,12,12,590,12,10,MNHVY,0.00005733167000,0.00141690900000
```

```
C7B2H1S1P7L1M2J1E2A1,RDF,CL5Q,4,12,12,12,590,12,40,MEPDG,0.00007923165000,0.00063425560000
C7B2H1S1P7L1M2J1E2A2,RDF,CL5Q,4,12,12,12,590,12,40,MNAVG,0.00001997312000,0.00005703465000
C7B2H1S1P7L1M2J1E2A3,RDF,CL5Q,4,12,12,12,590,12,40,MNHVY,0.00001481316000,0.00082524030000
C7B2H1S1P7L1M2J2E1A1,RDF,CL5Q,4,12,12,12,590,15,10,MEPDG,0.00224673000000,0.01286827000000
C7B2H1S1P7L1M2J2E1A2,RDF,CL5Q,4,12,12,12,590,15,10,MNAVG,0.00041921540000,0.00174109800000
C7B2H1S1P7L1M2J2E1A3,RDF,CL5Q,4,12,12,12,590,15,10,MNHVY,0.00051272670000,0.02276835000000
C7B2H1S1P7L1M2J2E2A1,RDF,CL5Q,4,12,12,12,590,15,40,MEPDG,0.00060653610000,0.00749670100000
C7B2H1S1P7L1M2J2E2A2,RDF,CL5Q,4,12,12,12,590,15,40,MNAVG,0.00013750970000,0.00101770300000
C7B2H1S1P7L1M2J2E2A3,RDF,CL5Q,4,12,12,12,590,15,40,MNHVY,0.00014477670000,0.01312849000000
C7B2H1S1P7L1M3J1E1A1,RDF,CL5Q,4,12,12,12,840,12,10,MEPDG,0.00000562473500,0.00002718214000
C7B2H1S1P7L1M3J1E1A2,RDF,CL5Q,4,12,12,12,840,12,10,MNAVG,0.00000099084530,0.00000183991500
C7B2H1S1P7L1M3J1E1A3,RDF,CL5Q,4,12,12,12,840,12,10,MNHVY,0.00000065621870,0.00002793223000
C7B2H1S1P7L1M3J1E2A1,RDF,CL5Q,4,12,12,12,840,12,40,MEPDG,0.00000102150300,0.00002180271000
C7B2H1S1P7L1M3J1E2A2,RDF,CL5Q,4,12,12,12,840,12,40,MNAVG,0.00000024379680,0.00000134928000
C7B2H1S1P7L1M3J1E2A3,RDF,CL5Q,4,12,12,12,840,12,40,MNHVY,0.00000014787110,0.00002038176000
C7B2H1S1P7L1M3J2E1A1,RDF,CL5Q,4,12,12,12,840,15,10,MEPDG,0.00002994146000,0.00050059330000
C7B2H1S1P7L1M3J2E1A2,RDF,CL5Q,4,12,12,12,840,15,10,MNAVG,0.00000493613700,0.00005213816000
C7B2H1S1P7L1M3J2E1A3,RDF,CL5Q,4,12,12,12,840,15,10,MNHVY,0.00000406252000,0.00074407400000
C7B2H1S1P7L1M3J2E2A1,RDF,CL5Q,4,12,12,12,840,15,40,MEPDG,0.00000599870000,0.00031681930000
C7B2H1S1P7L1M3J2E2A2,RDF,CL5Q,4,12,12,12,840,15,40,MNAVG,0.00000131114800,0.00003153198000
C7B2H1S1P7L1M3J2E2A3,RDF,CL5Q,4,12,12,12,840,15,40,MNHVY,0.00000095925260,0.00044620960000
C7B2H1S1P7L2M1J1E1A1,RDF,CL5Q,4,12,12,13,340,12,10,MEPDG,0.00515503800000,0.02873520000000
C7B2H1S1P7L2M1J1E1A2,RDF,CL5Q,4,12,12,13,340,12,10,MNAVG,0.00139441000000,0.00368823000000
C7B2H1S1P7L2M1J1E1A3,RDF,CL5Q,4,12,12,13,340,12,10,MNHVY,0.00152742400000,0.04800779000000
C7B2H1S1P7L2M1J1E2A1,RDF,CL5Q,4,12,12,13,340,12,40,MEPDG,0.00515503800000,0.02873520000000
C7B2H1S1P7L2M1J1E2A2,RDF,CL5Q,4,12,12,13,340,12,40,MNAVG,0.00139441000000,0.00368823000000
C7B2H1S1P7L2M1J1E2A3,RDF,CL5Q,4,12,12,13,340,12,40,MNHVY,0.00152742400000,0.04800779000000
C7B2H1S1P7L2M1J2E1A1,RDF,CL5Q,4,12,12,13,340,15,10,MEPDG,0.03304149000000,0.18536550000000
C7B2H1S1P7L2M1J2E1A2,RDF,CL5Q,4,12,12,13,340,15,10,MNAVG,0.01156647000000,0.03265768000000
C7B2H1S1P7L2M1J2E1A3,RDF,CL5Q,4,12,12,13,340,15,10,MNHVY,0.01854633000000,0.36711570000000
C7B2H1S1P7L2M1J2E2A1,RDF,CL5Q,4,12,12,13,340,15,40,MEPDG,0.03304149000000,0.18536550000000
C7B2H1S1P7L2M1J2E2A2,RDF,CL5Q,4,12,12,13,340,15,40,MNAVG,0.01156647000000,0.03265768000000
C7B2H1S1P7L2M1J2E2A3,RDF,CL5Q,4,12,12,13,340,15,40,MNHVY,0.01854633000000,0.36711570000000
C7B2H1S1P7L2M2J1E1A1,RDF,CL5Q,4,12,12,13,590,12,10,MEPDG,0.00001322569000,0.00019893400000
C7B2H1S1P7L2M2J1E1A2,RDF,CL5Q,4,12,12,13,590,12,10,MNAVG,0.00000355058000,0.00001901579000
C7B2H1S1P7L2M2J1E1A3,RDF,CL5Q,4,12,12,13,590,12,10,MNHVY,0.00000253888300,0.00027490430000
C7B2H1S1P7L2M2J1E2A1,RDF,CL5Q,4,12,12,13,590,12,40,MEPDG,0.00001322569000,0.00019893400000
C7B2H1S1P7L2M2J1E2A2,RDF,CL5Q,4,12,12,13,590,12,40,MNAVG,0.00000355058000,0.00001901579000
C7B2H1S1P7L2M2J1E2A3,RDF,CL5Q,4,12,12,13,590,12,40,MNHVY,0.00000253888300,0.00027490430000
C7B2H1S1P7L2M2J2E1A1,RDF,CL5Q,4,12,12,13,590,15,10,MEPDG,0.00011064040000,0.00378497600000
C7B2H1S1P7L2M2J2E1A2,RDF,CL5Q,4,12,12,13,590,15,10,MNAVG,0.00002634437000,0.00052416880000
C7B2H1S1P7L2M2J2E1A3,RDF,CL5Q,4,12,12,13,590,15,10,MNHVY,0.00002653893000,0.00670727900000
C7B2H1S1P7L2M2J2E2A1,RDF,CL5Q,4,12,12,13,590,15,40,MEPDG,0.00011064040000,0.00378497600000
C7B2H1S1P7L2M2J2E2A2,RDF,CL5Q,4,12,12,13,590,15,40,MNAVG,0.00002634437000,0.00052416880000
C7B2H1S1P7L2M2J2E2A3,RDF,CL5Q,4,12,12,13,590,15,40,MNHVY,0.00002653893000,0.00670727900000
C7B2H1S1P7L2M3J1E1A1,RDF,CL5Q,4,12,12,13,840,12,10,MEPDG,0.00000014893380,0.00000928224900
C7B2H1S1P7L2M3J1E1A2,RDF,CL5Q,4,12,12,13,840,12,10,MNAVG,0.00000003881293,0.00000056073280
C7B2H1S1P7L2M3J1E1A3,RDF,CL5Q,4,12,12,13,840,12,10,MNHVY,0.00000002267454,0.00000845506600
C7B2H1S1P7L2M3J1E2A1,RDF,CL5Q,4,12,12,13,840,12,40,MEPDG,0.00000014893380,0.00000928224900
C7B2H1S1P7L2M3J1E2A2,RDF,CL5Q,4,12,12,13,840,12,40,MNAVG,0.00000003881293,0.00000056073280
```

```
C7B2H1S1P7L2M3J1E2A3,RDF,CL5Q,4,12,12,13,840,12,40,MNHVY,0.00000002267454,0.00000845506600
C7B2H1S1P7L2M3J2E1A1,RDF,CL5Q,4,12,12,13,840,15,10,MEPDG,0.00000096132460,0.00012836630000
C7B2H1S1P7L2M3J2E1A2,RDF,CL5Q,4,12,12,13,840,15,10,MNAVG,0.00000022625450,0.00001247149000
C7B2H1S1P7L2M3J2E1A3,RDF,CL5Q,4,12,12,13,840,15,10,MNHVY,0.00000016029130,0.00017758990000
C7B2H1S1P7L2M3J2E2A1,RDF,CL5Q,4,12,12,13,840,15,40,MEPDG,0.00000096132460,0.00012836630000
C7B2H1S1P7L2M3J2E2A2,RDF,CL5Q,4,12,12,13,840,15,40,MNAVG,0.00000022625450,0.00001247149000
C7B2H1S1P7L2M3J2E2A3,RDF,CL5Q,4,12,12,13,840,15,40,MNHVY,0.00000016029130,0.00017758990000
C7B2H2S2P1L1M1J1E1A1,RDF,CL5Q,12,4,6,12,340,12,10,MEPDG,36.88540000000000,0.00050251950000
C7B2H2S2P1L1M1J1E1A2,RDF,CL5Q,12,4,6,12,340,12,10,MNAVG,27.91594000000000,0.00010527390000
C7B2H2S2P1L1M1J1E1A3,RDF,CL5Q,12,4,6,12,340,12,10,MNHVY,47.52262000000000,0.00098271520000
C7B2H2S2P1L1M1J1E2A1,RDF,CL5Q,12,4,6,12,340,12,40,MEPDG,21.67863000000000,0.00023675580000
C7B2H2S2P1L1M1J1E2A2,RDF,CL5Q,12,4,6,12,340,12,40,MNAVG,15.66408000000000,0.00004748843000
C7B2H2S2P1L1M1J1E2A3,RDF,CL5Q,12,4,6,12,340,12,40,MNHVY,27.18187000000000,0.00045461140000
C7B2H2S2P1L1M1J2E1A1,RDF,CL5Q,12,4,6,12,340,15,10,MEPDG,47.44089000000000,0.00000000000097
C7B2H2S2P1L1M1J2E1A2,RDF,CL5Q,12,4,6,12,340,15,10,MNAVG,37.73506000000000,0.00000000000007
C7B2H2S2P1L1M1J2E1A3,RDF,CL5Q,12,4,6,12,340,15,10,MNHVY,65.76963000000000,0.00000000000098
C7B2H2S2P1L1M1J2E2A1,RDF,CL5Q,12,4,6,12,340,15,40,MEPDG,28.76336000000000,0.00000000000043
C7B2H2S2P1L1M1J2E2A2,RDF,CL5Q,12,4,6,12,340,15,40,MNAVG,22.03790000000000,0.00000000000004
C7B2H2S2P1L1M1J2E2A3,RDF,CL5Q,12,4,6,12,340,15,40,MNHVY,39.20261000000000,0.00000000000051
C7B2H2S2P1L1M2J1E1A1,RDF,CL5Q,12,4,6,12,590,12,10,MEPDG,4.86243700000000,0.00011867100000
C7B2H2S2P1L1M2J1E1A2,RDF,CL5Q,12,4,6,12,590,12,10,MNAVG,3.14798200000000,0.00002165313000
C7B2H2S2P1L1M2J1E1A3,RDF,CL5Q,12,4,6,12,590,12,10,MNHVY,5.33218400000000,0.00022391780000
C7B2H2S2P1L1M2J1E2A1,RDF,CL5Q,12,4,6,12,590,12,40,MEPDG,2.57807500000000,0.00005553230000
C7B2H2S2P1L1M2J1E2A2,RDF,CL5Q,12,4,6,12,590,12,40,MNAVG,1.62662900000000,0.00000929892400
C7B2H2S2P1L1M2J1E2A3,RDF,CL5Q,12,4,6,12,590,12,40,MNHVY,2.75621900000000,0.00010029220000
C7B2H2S2P1L1M2J2E1A1,RDF,CL5Q,12,4,6,12,590,15,10,MEPDG,8.87468100000000,0.00000000005560
C7B2H2S2P1L1M2J2E1A2,RDF,CL5Q,12,4,6,12,590,15,10,MNAVG,6.59968400000000,0.00000000000520
C7B2H2S2P1L1M2J2E1A3,RDF,CL5Q,12,4,6,12,590,15,10,MNHVY,11.83268000000000,0.00000000007310
C7B2H2S2P1L1M2J2E2A1,RDF,CL5Q,12,4,6,12,590,15,40,MEPDG,5.05877100000000,0.00000000002342
C7B2H2S2P1L1M2J2E2A2,RDF,CL5Q,12,4,6,12,590,15,40,MNAVG,3.73025800000000,0.00000000000236
C7B2H2S2P1L1M2J2E2A3,RDF,CL5Q,12,4,6,12,590,15,40,MNHVY,6.71077100000000,0.00000000003235
C7B2H2S2P1L1M3J1E1A1,RDF,CL5Q,12,4,6,12,840,12,10,MEPDG,0.72091420000000,0.00006680912000
C7B2H2S2P1L1M3J1E1A2,RDF,CL5Q,12,4,6,12,840,12,10,MNAVG,0.36405880000000,0.00000967788800
C7B2H2S2P1L1M3J1E1A3,RDF,CL5Q,12,4,6,12,840,12,10,MNHVY,0.59642360000000,0.00011374470000
C7B2H2S2P1L1M3J1E2A1,RDF,CL5Q,12,4,6,12,840,12,40,MEPDG,0.33188600000000,0.00005731954000
C7B2H2S2P1L1M3J1E2A2,RDF,CL5Q,12,4,6,12,840,12,40,MNAVG,0.16538070000000,0.00000718564800
C7B2H2S2P1L1M3J1E2A3,RDF,CL5Q,12,4,6,12,840,12,40,MNHVY,0.26197700000000,0.00008891075000
C7B2H2S2P1L1M3J2E1A1,RDF,CL5Q,12,4,6,12,840,15,10,MEPDG,1.82280600000000,0.00015483030000
C7B2H2S2P1L1M3J2E1A2,RDF,CL5Q,12,4,6,12,840,15,10,MNAVG,1.16496600000000,0.00003011188000
C7B2H2S2P1L1M3J2E1A3,RDF,CL5Q,12,4,6,12,840,15,10,MNHVY,2.17890100000000,0.00030375600000
C7B2H2S2P1L1M3J2E2A1,RDF,CL5Q,12,4,6,12,840,15,40,MEPDG,0.94080390000000,0.00007482535000
C7B2H2S2P1L1M3J2E2A2,RDF,CL5Q,12,4,6,12,840,15,40,MNAVG,0.60767890000000,0.00001342906000
C7B2H2S2P1L1M3J2E2A3,RDF,CL5Q,12,4,6,12,840,15,40,MNHVY,1.11675000000000,0.00014144400000
C7B2H2S2P1L2M1J1E1A1,RDF,CL5Q,12,4,6,13,340,12,10,MEPDG,5.45362700000000,0.00011105210000
C7B2H2S2P1L2M1J1E1A2,RDF,CL5Q,12,4,6,13,340,12,10,MNAVG,3.80918400000000,0.00002308976000
C7B2H2S2P1L2M1J1E1A3,RDF,CL5Q,12,4,6,13,340,12,10,MNHVY,6.69112000000000,0.00021572840000
C7B2H2S2P1L2M1J1E2A1,RDF,CL5Q,12,4,6,13,340,12,40,MEPDG,5.45362700000000,0.00011105210000
C7B2H2S2P1L2M1J1E2A2,RDF,CL5Q,12,4,6,13,340,12,40,MNAVG,3.80918400000000,0.00002308976000
C7B2H2S2P1L2M1J1E2A3,RDF,CL5Q,12,4,6,13,340,12,40,MNHVY,6.69112000000000,0.00021572840000
C7B2H2S2P1L2M1J2E1A1,RDF,CL5Q,12,4,6,13,340,15,10,MEPDG,7.44855000000000,0.00000000000024
```

```
C7B2H2S2P1L2M1J2E1A2,RDF,CL5Q,12,4,6,13,340,15,10,MNAVG,5.57116400000000,0.00000000000003
C7B2H2S2P1L2M1J2E1A3,RDF,CL5Q,12,4,6,13,340,15,10,MNHVY,10.00391000000000,0.00000000000032
C7B2H2S2P1L2M1J2E2A1,RDF,CL5Q,12,4,6,13,340,15,40,MEPDG,7.44855000000000,0.00000000000024
C7B2H2S2P1L2M1J2E2A2,RDF,CL5Q,12,4,6,13,340,15,40,MNAVG,5.57116400000000,0.00000000000003
C7B2H2S2P1L2M1J2E2A3,RDF,CL5Q,12,4,6,13,340,15,40,MNHVY,10.00391000000000,0.00000000000032
C7B2H2S2P1L2M2J1E1A1,RDF,CL5Q,12,4,6,13,590,12,10,MEPDG,0.62344740000000,0.00003291509000
C7B2H2S2P1L2M2J1E1A2,RDF,CL5Q,12,4,6,13,590,12,10,MNAVG,0.38277630000000,0.00000552774900
C7B2H2S2P1L2M2J1E1A3,RDF,CL5Q,12,4,6,13,590,12,10,MNHVY,0.65690560000000,0.00005935784000
C7B2H2S2P1L2M2J1E2A1,RDF,CL5Q,12,4,6,13,590,12,40,MEPDG,0.62344740000000,0.00003291509000
C7B2H2S2P1L2M2J1E2A2,RDF,CL5Q,12,4,6,13,590,12,40,MNAVG,0.38277630000000,0.00000552774900
C7B2H2S2P1L2M2J1E2A3,RDF,CL5Q,12,4,6,13,590,12,40,MNHVY,0.65690560000000,0.00005935784000
C7B2H2S2P1L2M2J2E1A1,RDF,CL5Q,12,4,6,13,590,15,10,MEPDG,1.31813600000000,0.00000000000872
C7B2H2S2P1L2M2J2E1A2,RDF,CL5Q,12,4,6,13,590,15,10,MNAVG,0.96716820000000,0.00000000000095
C7B2H2S2P1L2M2J2E1A3,RDF,CL5Q,12,4,6,13,590,15,10,MNHVY,1.75593300000000,0.00000000001277
C7B2H2S2P1L2M2J2E2A1,RDF,CL5Q,12,4,6,13,590,15,40,MEPDG,1.31813600000000,0.00000000000872
C7B2H2S2P1L2M2J2E2A2,RDF,CL5Q,12,4,6,13,590,15,40,MNAVG,0.96716820000000,0.00000000000095
C7B2H2S2P1L2M2J2E2A3,RDF,CL5Q,12,4,6,13,590,15,40,MNHVY,1.75593300000000,0.00000000001277
C7B2H2S2P1L2M3J1E1A1,RDF,CL5Q,12,4,6,13,840,12,10,MEPDG,0.07529177000000,0.00002392425000
C7B2H2S2P1L2M3J1E1A2,RDF,CL5Q,12,4,6,13,840,12,10,MNAVG,0.03649209000000,0.00000289442800
C7B2H2S2P1L2M3J1E1A3,RDF,CL5Q,12,4,6,13,840,12,10,MNHVY,0.05816752000000,0.00003610108000
C7B2H2S2P1L2M3J1E2A1,RDF,CL5Q,12,4,6,13,840,12,40,MEPDG,0.07529177000000,0.00002392425000
C7B2H2S2P1L2M3J1E2A2,RDF,CL5Q,12,4,6,13,840,12,40,MNAVG,0.03649209000000,0.00000289442800
C7B2H2S2P1L2M3J1E2A3,RDF,CL5Q,12,4,6,13,840,12,40,MNHVY,0.05816752000000,0.00003610108000
C7B2H2S2P1L2M3J2E1A1,RDF,CL5Q,12,4,6,13,840,15,10,MEPDG,0.23446550000000,0.00004352504000
C7B2H2S2P1L2M3J2E1A2,RDF,CL5Q,12,4,6,13,840,15,10,MNAVG,0.15074980000000,0.00000773785900
C7B2H2S2P1L2M3J2E1A3,RDF,CL5Q,12,4,6,13,840,15,10,MNHVY,0.27981680000000,0.00008192010000
C7B2H2S2P1L2M3J2E2A1,RDF,CL5Q,12,4,6,13,840,15,40,MEPDG,0.23446550000000,0.00004352504000
C7B2H2S2P1L2M3J2E2A2,RDF,CL5Q,12,4,6,13,840,15,40,MNAVG,0.15074980000000,0.00000773785900
C7B2H2S2P1L2M3J2E2A3,RDF,CL5Q,12,4,6,13,840,15,40,MNHVY,0.27981680000000,0.00008192010000
C7B2H2S2P2L1M1J1E1A1,RDF,CL5Q,12,4,7,12,340,12,10,MEPDG,21.15121000000000,0.00052836880000
C7B2H2S2P2L1M1J1E1A2,RDF,CL5Q,12,4,7,12,340,12,10,MNAVG,15.50160000000000,0.00011292010000
C7B2H2S2P2L1M1J1E1A3,RDF,CL5Q,12,4,7,12,340,12,10,MNHVY,27.41678000000000,0.00105915200000
C7B2H2S2P2L1M1J1E2A1,RDF,CL5Q,12,4,7,12,340,12,40,MEPDG,12.03124000000000,0.00057099040000
C7B2H2S2P2L1M1J1E2A2,RDF,CL5Q,12,4,7,12,340,12,40,MNAVG,8.62387100000000,0.00011769030000
C7B2H2S2P2L1M1J1E2A3,RDF,CL5Q,12,4,7,12,340,12,40,MNHVY,15.27399000000000,0.00112513200000
C7B2H2S2P2L1M1J2E1A1,RDF,CL5Q,12,4,7,12,340,15,10,MEPDG,35.83680000000000,0.00158609900000
C7B2H2S2P2L1M1J2E1A2,RDF,CL5Q,12,4,7,12,340,15,10,MNAVG,29.08343000000000,0.00038042290000
C7B2H2S2P2L1M1J2E1A3,RDF,CL5Q,12,4,7,12,340,15,10,MNHVY,53.23288000000000,0.00319825000000
C7B2H2S2P2L1M1J2E2A1,RDF,CL5Q,12,4,7,12,340,15,40,MEPDG,21.83780000000000,0.00081416360000
C7B2H2S2P2L1M1J2E2A2,RDF,CL5Q,12,4,7,12,340,15,40,MNAVG,17.58589000000000,0.00019262880000
C7B2H2S2P2L1M1J2E2A3,RDF,CL5Q,12,4,7,12,340,15,40,MNHVY,32.31945000000000,0.00163120500000
C7B2H2S2P2L1M2J1E1A1,RDF,CL5Q,12,4,7,12,590,12,10,MEPDG,1.46699100000000,0.00050058710000
C7B2H2S2P2L1M2J1E1A2,RDF,CL5Q,12,4,7,12,590,12,10,MNAVG,0.76178250000000,0.00008944271000
C7B2H2S2P2L1M2J1E1A3,RDF,CL5Q,12,4,7,12,590,12,10,MNHVY,1.31283700000000,0.00095369290000
C7B2H2S2P2L1M2J1E2A1,RDF,CL5Q,12,4,7,12,590,12,40,MEPDG,0.68876870000000,0.00031983750000
C7B2H2S2P2L1M2J1E2A2,RDF,CL5Q,12,4,7,12,590,12,40,MNAVG,0.35706190000000,0.00005206397000
C7B2H2S2P2L1M2J1E2A3,RDF,CL5Q,12,4,7,12,590,12,40,MNHVY,0.58905610000000,0.00058048750000
C7B2H2S2P2L1M2J2E1A1,RDF,CL5Q,12,4,7,12,590,15,10,MEPDG,4.11598300000000,0.00074497180000
C7B2H2S2P2L1M2J2E1A2,RDF,CL5Q,12,4,7,12,590,15,10,MNAVG,2.70122000000000,0.00016076730000
C7B2H2S2P2L1M2J2E1A3,RDF,CL5Q,12,4,7,12,590,15,10,MNHVY,5.26022100000000,0.00150877700000
```

```
C7B2H2S2P2L1M2J2E2A1,RDF,CL5Q,12,4,7,12,590,15,40,MEPDG,2.16652300000000,0.00083821130000
C7B2H2S2P2L1M2J2E2A2,RDF,CL5Q,12,4,7,12,590,15,40,MNAVG,1.45024800000000,0.00017368810000
C7B2H2S2P2L1M2J2E2A3,RDF,CL5Q,12,4,7,12,590,15,40,MNHVY,2.74140500000000,0.00167155300000
C7B2H2S2P2L1M3J1E1A1,RDF,CL5Q,12,4,7,12,840,12,10,MEPDG,0.14670930000000,0.00013904580000
C7B2H2S2P2L1M3J1E1A2,RDF,CL5Q,12,4,7,12,840,12,10,MNAVG,0.05454612000000,0.00001853900000
C7B2H2S2P2L1M3J1E1A3,RDF,CL5Q,12,4,7,12,840,12,10,MNHVY,0.08767205000000,0.00022776470000
C7B2H2S2P2L1M3J1E2A1,RDF,CL5Q,12,4,7,12,840,12,40,MEPDG,0.05788425000000,0.00006487237000
C7B2H2S2P2L1M3J1E2A2,RDF,CL5Q,12,4,7,12,840,12,40,MNAVG,0.02208940000000,0.00000707680000
C7B2H2S2P2L1M3J1E2A3,RDF,CL5Q,12,4,7,12,840,12,40,MNHVY,0.03260774000000,0.00009177587000
C7B2H2S2P2L1M3J2E1A1,RDF,CL5Q,12,4,7,12,840,15,10,MEPDG,0.63983680000000,0.00872521800000
C7B2H2S2P2L1M3J2E1A2,RDF,CL5Q,12,4,7,12,840,15,10,MNAVG,0.32624760000000,0.00147574800000
C7B2H2S2P2L1M3J2E1A3,RDF,CL5Q,12,4,7,12,840,15,10,MNHVY,0.68976880000000,0.01597059000000
C7B2H2S2P2L1M3J2E2A1,RDF,CL5Q,12,4,7,12,840,15,40,MEPDG,0.29006370000000,0.00072452720000
C7B2H2S2P2L1M3J2E2A2,RDF,CL5Q,12,4,7,12,840,15,40,MNAVG,0.15386250000000,0.00011889740000
C7B2H2S2P2L1M3J2E2A3,RDF,CL5Q,12,4,7,12,840,15,40,MNHVY,0.30427860000000,0.00133606000000
C7B2H2S2P2L2M1J1E1A1,RDF,CL5Q,12,4,7,13,340,12,10,MEPDG,3.06054300000000,0.00033972370000
C7B2H2S2P2L2M1J1E1A2,RDF,CL5Q,12,4,7,13,340,12,10,MNAVG,2.14806800000000,0.00007176113000
C7B2H2S2P2L2M1J1E1A3,RDF,CL5Q,12,4,7,13,340,12,10,MNHVY,3.83506000000000,0.00067308210000
C7B2H2S2P2L2M1J1E2A1,RDF,CL5Q,12,4,7,13,340,12,40,MEPDG,3.06054300000000,0.00033972370000
C7B2H2S2P2L2M1J1E2A2,RDF,CL5Q,12,4,7,13,340,12,40,MNAVG,2.14806800000000,0.00007176113000
C7B2H2S2P2L2M1J1E2A3,RDF,CL5Q,12,4,7,13,340,12,40,MNHVY,3.83506000000000,0.00067308210000
C7B2H2S2P2L2M1J2E1A1,RDF,CL5Q,12,4,7,13,340,15,10,MEPDG,5.99344200000000,0.00046725280000
C7B2H2S2P2L2M1J2E1A2,RDF,CL5Q,12,4,7,13,340,15,10,MNAVG,4.81892400000000,0.00011241160000
C7B2H2S2P2L2M1J2E1A3,RDF,CL5Q,12,4,7,13,340,15,10,MNHVY,8.88183600000000,0.00093644410000
C7B2H2S2P2L2M1J2E2A1,RDF,CL5Q,12,4,7,13,340,15,40,MEPDG,5.99344200000000,0.00046725280000
C7B2H2S2P2L2M1J2E2A2,RDF,CL5Q,12,4,7,13,340,15,40,MNAVG,4.81892400000000,0.00011241160000
C7B2H2S2P2L2M1J2E2A3,RDF,CL5Q,12,4,7,13,340,15,40,MNHVY,8.88183600000000,0.00093644410000
C7B2H2S2P2L2M2J1E1A1,RDF,CL5Q,12,4,7,13,590,12,10,MEPDG,0.15931200000000,0.00017668140000
C7B2H2S2P2L2M2J1E1A2,RDF,CL5Q,12,4,7,13,590,12,10,MNAVG,0.08054044000000,0.00002890731000
C7B2H2S2P2L2M2J1E1A3,RDF,CL5Q,12,4,7,13,590,12,10,MNHVY,0.13327280000000,0.00032065220000
C7B2H2S2P2L2M2J1E2A1,RDF,CL5Q,12,4,7,13,590,12,40,MEPDG,0.15931200000000,0.00017668140000
C7B2H2S2P2L2M2J1E2A2,RDF,CL5Q,12,4,7,13,590,12,40,MNAVG,0.08054044000000,0.00002890731000
C7B2H2S2P2L2M2J1E2A3,RDF,CL5Q,12,4,7,13,590,12,40,MNHVY,0.13327280000000,0.00032065220000
C7B2H2S2P2L2M2J2E1A1,RDF,CL5Q,12,4,7,13,590,15,10,MEPDG,0.55885480000000,0.00046846160000
C7B2H2S2P2L2M2J2E1A2,RDF,CL5Q,12,4,7,13,590,15,10,MNAVG,0.37444800000000,0.00009760237000
C7B2H2S2P2L2M2J2E1A3,RDF,CL5Q,12,4,7,13,590,15,10,MNHVY,0.71000850000000,0.00093456130000
C7B2H2S2P2L2M2J2E2A1,RDF,CL5Q,12,4,7,13,590,15,40,MEPDG,0.55885480000000,0.00046846160000
C7B2H2S2P2L2M2J2E2A2,RDF,CL5Q,12,4,7,13,590,15,40,MNAVG,0.37444800000000,0.00009760237000
C7B2H2S2P2L2M2J2E2A3,RDF,CL5Q,12,4,7,13,590,15,40,MNHVY,0.71000850000000,0.00093456130000
C7B2H2S2P2L2M3J1E1A1,RDF,CL5Q,12,4,7,13,840,12,10,MEPDG,0.01234247000000,0.00003101692000
C7B2H2S2P2L2M3J1E1A2,RDF,CL5Q,12,4,7,13,840,12,10,MNAVG,0.00463425900000,0.00000328892600
C7B2H2S2P2L2M3J1E1A3,RDF,CL5Q,12,4,7,13,840,12,10,MNHVY,0.00675893000000,0.00004272473000
C7B2H2S2P2L2M3J1E2A1,RDF,CL5Q,12,4,7,13,840,12,40,MEPDG,0.01234247000000,0.00003101692000
C7B2H2S2P2L2M3J1E2A2,RDF,CL5Q,12,4,7,13,840,12,40,MNAVG,0.00463425900000,0.00000328892600
C7B2H2S2P2L2M3J1E2A3,RDF,CL5Q,12,4,7,13,840,12,40,MNHVY,0.00675893000000,0.00004272473000
C7B2H2S2P2L2M3J2E1A1,RDF,CL5Q,12,4,7,13,840,15,10,MEPDG,0.06991556000000,0.00016825970000
C7B2H2S2P2L2M3J2E1A2,RDF,CL5Q,12,4,7,13,840,15,10,MNAVG,0.03696306000000,0.00002721751000
C7B2H2S2P2L2M3J2E1A3,RDF,CL5Q,12,4,7,13,840,15,10,MNHVY,0.07338600000000,0.00030910780000
C7B2H2S2P2L2M3J2E2A1,RDF,CL5Q,12,4,7,13,840,15,40,MEPDG,0.06991556000000,0.00016825970000
C7B2H2S2P2L2M3J2E2A2,RDF,CL5Q,12,4,7,13,840,15,40,MNAVG,0.03696306000000,0.00002721751000
```

```
C7B2H2S2P2L2M3J2E2A3,RDF,CL5Q,12,4,7,13,840,15,40,MNHVY,0.07338600000000,0.00030910780000
C7B2H2S2P3L1M1J1E1A1,RDF,CL5Q,12,4,8,12,340,12,10,MEPDG,8.25337400000000,0.00385858700000
C7B2H2S2P3L1M1J1E1A2,RDF,CL5Q,12,4,8,12,340,12,10,MNAVG,5.14263300000000,0.00081782650000
C7B2H2S2P3L1M1J1E1A3,RDF,CL5Q,12,4,8,12,340,12,10,MNHVY,9.19307500000000,0.00788473200000
C7B2H2S2P3L1M1J1E2A1,RDF,CL5Q,12,4,8,12,340,12,40,MEPDG,4.30696200000000,0.00280390000000
C7B2H2S2P3L1M1J1E2A2,RDF,CL5Q,12,4,8,12,340,12,40,MNAVG,2.67519100000000,0.00057346610000
C7B2H2S2P3L1M1J1E2A3,RDF,CL5Q,12,4,8,12,340,12,40,MNHVY,4.65075500000000,0.00564472000000
C7B2H2S2P3L1M1J2E1A1,RDF,CL5Q,12,4,8,12,340,15,10,MEPDG,18.62114000000000,0.03994281000000
C7B2H2S2P3L1M1J2E1A2,RDF,CL5Q,12,4,8,12,340,15,10,MNAVG,13.74411000000000,0.00891162800000
C7B2H2S2P3L1M1J2E1A3,RDF,CL5Q,12,4,8,12,340,15,10,MNHVY,26.28064000000000,0.08204448000000
C7B2H2S2P3L1M1J2E2A1,RDF,CL5Q,12,4,8,12,340,15,40,MEPDG,10.70728000000000,0.00187183800000
C7B2H2S2P3L1M1J2E2A2,RDF,CL5Q,12,4,8,12,340,15,40,MNAVG,8.01204200000000,0.00043903290000
C7B2H2S2P3L1M1J2E2A3,RDF,CL5Q,12,4,8,12,340,15,40,MNHVY,15.03386000000000,0.00381206600000
C7B2H2S2P3L1M2J1E1A1,RDF,CL5Q,12,4,8,12,590,12,10,MEPDG,0.33423000000000,0.00070711920000
C7B2H2S2P3L1M2J1E1A2,RDF,CL5Q,12,4,8,12,590,12,10,MNAVG,0.12937390000000,0.00012272900000
C7B2H2S2P3L1M2J1E1A3,RDF,CL5Q,12,4,8,12,590,12,10,MNHVY,0.21485420000000,0.00135619900000
C7B2H2S2P3L1M2J1E2A1,RDF,CL5Q,12,4,8,12,590,12,40,MEPDG,0.13702740000000,0.00046206720000
C7B2H2S2P3L1M2J1E2A2,RDF,CL5Q,12,4,8,12,590,12,40,MNAVG,0.05444330000000,0.00007283991000
C7B2H2S2P3L1M2J1E2A3,RDF,CL5Q,12,4,8,12,590,12,40,MNHVY,0.08287650000000,0.00083810730000
C7B2H2S2P3L1M2J2E1A1,RDF,CL5Q,12,4,8,12,590,15,10,MEPDG,1.43608900000000,0.01647391000000
C7B2H2S2P3L1M2J2E1A2,RDF,CL5Q,12,4,8,12,590,15,10,MNAVG,0.76397990000000,0.00335877700000
C7B2H2S2P3L1M2J2E1A3,RDF,CL5Q,12,4,8,12,590,15,10,MNHVY,1.60745600000000,0.03364612000000
C7B2H2S2P3L1M2J2E2A1,RDF,CL5Q,12,4,8,12,590,15,40,MEPDG,0.67896150000000,0.00185363700000
C7B2H2S2P3L1M2J2E2A2,RDF,CL5Q,12,4,8,12,590,15,40,MNAVG,0.37758780000000,0.00037017590000
C7B2H2S2P3L1M2J2E2A3,RDF,CL5Q,12,4,8,12,590,15,40,MNHVY,0.74434570000000,0.00375352500000
C7B2H2S2P3L1M3J1E1A1,RDF,CL5Q,12,4,8,12,840,12,10,MEPDG,0.02080498000000,0.00041727590000
C7B2H2S2P3L1M3J1E1A2,RDF,CL5Q,12,4,8,12,840,12,10,MNAVG,0.00575150100000,0.00005096016000
C7B2H2S2P3L1M3J1E1A3,RDF,CL5Q,12,4,8,12,840,12,10,MNHVY,0.00787972000000,0.00063679510000
C7B2H2S2P3L1M3J1E2A1,RDF,CL5Q,12,4,8,12,840,12,40,MEPDG,0.00691297000000,0.00011807770000
C7B2H2S2P3L1M3J1E2A2,RDF,CL5Q,12,4,8,12,840,12,40,MNAVG,0.00206650600000,0.00001208969000
C7B2H2S2P3L1M3J1E2A3,RDF,CL5Q,12,4,8,12,840,12,40,MNHVY,0.00250845500000,0.00015913610000
C7B2H2S2P3L1M3J2E1A1,RDF,CL5Q,12,4,8,12,840,15,10,MEPDG,0.14769790000000,0.00724278300000
C7B2H2S2P3L1M3J2E1A2,RDF,CL5Q,12,4,8,12,840,15,10,MNAVG,0.05500772000000,0.00118320900000
C7B2H2S2P3L1M3J2E1A3,RDF,CL5Q,12,4,8,12,840,15,10,MNHVY,0.12309860000000,0.01338909000000
C7B2H2S2P3L1M3J2E2A1,RDF,CL5Q,12,4,8,12,840,15,40,MEPDG,0.05768722000000,0.00114272100000
C7B2H2S2P3L1M3J2E2A2,RDF,CL5Q,12,4,8,12,840,15,40,MNAVG,0.02302095000000,0.00017675700000
C7B2H2S2P3L1M3J2E2A3,RDF,CL5Q,12,4,8,12,840,15,40,MNHVY,0.04587867000000,0.00207115500000
C7B2H2S2P3L2M1J1E1A1,RDF,CL5Q,12,4,8,13,340,12,10,MEPDG,1.05547900000000,0.00148518400000
C7B2H2S2P3L2M1J1E1A2,RDF,CL5Q,12,4,8,13,340,12,10,MNAVG,0.64220380000000,0.00030990870000
C7B2H2S2P3L2M1J1E1A3,RDF,CL5Q,12,4,8,13,340,12,10,MNHVY,1.11806600000000,0.00299922100000
C7B2H2S2P3L2M1J1E2A1,RDF,CL5Q,12,4,8,13,340,12,40,MEPDG,1.05547900000000,0.00148518400000
C7B2H2S2P3L2M1J1E2A2,RDF,CL5Q,12,4,8,13,340,12,40,MNAVG,0.64220380000000,0.00030990870000
C7B2H2S2P3L2M1J1E2A3,RDF,CL5Q,12,4,8,13,340,12,40,MNHVY,1.11806600000000,0.00299922100000
C7B2H2S2P3L2M1J2E1A1,RDF,CL5Q,12,4,8,13,340,15,10,MEPDG,2.90831500000000,0.00128473300000
C7B2H2S2P3L2M1J2E1A2,RDF,CL5Q,12,4,8,13,340,15,10,MNAVG,2.18272500000000,0.00030577090000
C7B2H2S2P3L2M1J2E1A3,RDF,CL5Q,12,4,8,13,340,15,10,MNHVY,4.09037900000000,0.00261589600000
C7B2H2S2P3L2M1J2E2A1,RDF,CL5Q,12,4,8,13,340,15,40,MEPDG,2.90831500000000,0.00128473300000
C7B2H2S2P3L2M1J2E2A2,RDF,CL5Q,12,4,8,13,340,15,40,MNAVG,2.18272500000000,0.00030577090000
C7B2H2S2P3L2M1J2E2A3,RDF,CL5Q,12,4,8,13,340,15,40,MNHVY,4.09037900000000,0.00261589600000
C7B2H2S2P3L2M2J1E1A1,RDF,CL5Q,12,4,8,13,590,12,10,MEPDG,0.02976796000000,0.00022845160000
```

```
C7B2H2S2P3L2M2J1E1A2,RDF,CL5Q,12,4,8,13,590,12,10,MNAVG,0.01165276000000,0.00003601405000
C7B2H2S2P3L2M2J1E1A3,RDF,CL5Q,12,4,8,13,590,12,10,MNHVY,0.01745807000000,0.00041235050000
C7B2H2S2P3L2M2J1E2A1,RDF,CL5Q,12,4,8,13,590,12,40,MEPDG,0.02976796000000,0.00022845160000
C7B2H2S2P3L2M2J1E2A2,RDF,CL5Q,12,4,8,13,590,12,40,MNAVG,0.01165276000000,0.00003601405000
C7B2H2S2P3L2M2J1E2A3,RDF,CL5Q,12,4,8,13,590,12,40,MNHVY,0.01745807000000,0.00041235050000
C7B2H2S2P3L2M2J2E1A1,RDF,CL5Q,12,4,8,13,590,15,10,MEPDG,0.16784450000000,0.00470081400000
C7B2H2S2P3L2M2J2E1A2,RDF,CL5Q,12,4,8,13,590,15,10,MNAVG,0.09356559000000,0.00093702380000
C7B2H2S2P3L2M2J2E1A3,RDF,CL5Q,12,4,8,13,590,15,10,MNHVY,0.18355590000000,0.00942702100000
C7B2H2S2P3L2M2J2E2A1,RDF,CL5Q,12,4,8,13,590,15,40,MEPDG,0.16784450000000,0.00470081400000
C7B2H2S2P3L2M2J2E2A2,RDF,CL5Q,12,4,8,13,590,15,40,MNAVG,0.09356559000000,0.00093702380000
C7B2H2S2P3L2M2J2E2A3,RDF,CL5Q,12,4,8,13,590,15,40,MNHVY,0.18355590000000,0.00942702100000
C7B2H2S2P3L2M3J1E1A1,RDF,CL5Q,12,4,8,13,840,12,10,MEPDG,0.00136366600000,0.00005230018000
C7B2H2S2P3L2M3J1E1A2,RDF,CL5Q,12,4,8,13,840,12,10,MNAVG,0.00041049940000,0.00000515254100
C7B2H2S2P3L2M3J1E1A3,RDF,CL5Q,12,4,8,13,840,12,10,MNHVY,0.00048337090000,0.00006801404000
C7B2H2S2P3L2M3J1E2A1,RDF,CL5Q,12,4,8,13,840,12,40,MEPDG,0.00136366600000,0.00005230018000
C7B2H2S2P3L2M3J1E2A2,RDF,CL5Q,12,4,8,13,840,12,40,MNAVG,0.00041049940000,0.00000515254100
C7B2H2S2P3L2M3J1E2A3,RDF,CL5Q,12,4,8,13,840,12,40,MNHVY,0.00048337090000,0.00006801404000
C7B2H2S2P3L2M3J2E1A1,RDF,CL5Q,12,4,8,13,840,15,10,MEPDG,0.01297382000000,0.00030611260000
C7B2H2S2P3L2M3J2E1A2,RDF,CL5Q,12,4,8,13,840,15,10,MNAVG,0.00518317300000,0.00004572115000
C7B2H2S2P3L2M3J2E1A3,RDF,CL5Q,12,4,8,13,840,15,10,MNHVY,0.01020486000000,0.00054586480000
C7B2H2S2P3L2M3J2E2A1,RDF,CL5Q,12,4,8,13,840,15,40,MEPDG,0.01297382000000,0.00030611260000
C7B2H2S2P3L2M3J2E2A2,RDF,CL5Q,12,4,8,13,840,15,40,MNAVG,0.00518317300000,0.00004572115000
C7B2H2S2P3L2M3J2E2A3,RDF,CL5Q,12,4,8,13,840,15,40,MNHVY,0.01020486000000,0.00054586480000
C7B2H2S2P4L1M1J1E1A1,RDF,CL5Q,12,4,9,12,340,12,10,MEPDG,2.79746200000000,0.00519715200000
C7B2H2S2P4L1M1J1E1A2,RDF,CL5Q,12,4,9,12,340,12,10,MNAVG,1.40363000000000,0.00104165600000
C7B2H2S2P4L1M1J1E1A3,RDF,CL5Q,12,4,9,12,340,12,10,MNHVY,2.49803600000000,0.01068987000000
C7B2H2S2P4L1M1J1E2A1,RDF,CL5Q,12,4,9,12,340,12,40,MEPDG,1.31870100000000,0.00383599900000
C7B2H2S2P4L1M1J1E2A2,RDF,CL5Q,12,4,9,12,340,12,40,MNAVG,0.67042260000000,0.00074841850000
C7B2H2S2P4L1M1J1E2A3,RDF,CL5Q,12,4,9,12,340,12,40,MNHVY,1.12273100000000,0.00775817100000
C7B2H2S2P4L1M1J2E1A1,RDF,CL5Q,12,4,9,12,340,15,10,MEPDG,8.53271300000000,0.01047704000000
C7B2H2S2P4L1M1J2E1A2,RDF,CL5Q,12,4,9,12,340,15,10,MNAVG,5.49862100000000,0.00238956500000
C7B2H2S2P4L1M1J2E1A3,RDF,CL5Q,12,4,9,12,340,15,10,MNHVY,11.06081000000000,0.02189835000000
C7B2H2S2P4L1M1J2E2A1,RDF,CL5Q,12,4,9,12,340,15,40,MEPDG,4.56438100000000,0.00849741100000
C7B2H2S2P4L1M1J2E2A2,RDF,CL5Q,12,4,9,12,340,15,40,MNAVG,3.04283500000000,0.00191777400000
C7B2H2S2P4L1M1J2E2A3,RDF,CL5Q,12,4,9,12,340,15,40,MNHVY,5.86633700000000,0.01762265000000
C7B2H2S2P4L1M2J1E1A1,RDF,CL5Q,12,4,9,12,590,12,10,MEPDG,0.06347657000000,0.00325888500000
C7B2H2S2P4L1M2J1E1A2,RDF,CL5Q,12,4,9,12,590,12,10,MNAVG,0.01834058000000,0.00049399110000
C7B2H2S2P4L1M2J1E1A3,RDF,CL5Q,12,4,9,12,590,12,10,MNHVY,0.02703574000000,0.00586084300000
C7B2H2S2P4L1M2J1E2A1,RDF,CL5Q,12,4,9,12,590,12,40,MEPDG,0.02244403000000,0.00061943840000
C7B2H2S2P4L1M2J1E2A2,RDF,CL5Q,12,4,9,12,590,12,40,MNAVG,0.00694549200000,0.00008956639000
C7B2H2S2P4L1M2J1E2A3,RDF,CL5Q,12,4,9,12,590,12,40,MNHVY,0.00907053300000,0.00108024500000
C7B2H2S2P4L1M2J2E1A1,RDF,CL5Q,12,4,9,12,590,15,10,MEPDG,0.39241710000000,0.04308185000000
C7B2H2S2P4L1M2J2E1A2,RDF,CL5Q,12,4,9,12,590,15,10,MNAVG,0.15962510000000,0.00795055300000
C7B2H2S2P4L1M2J2E1A3,RDF,CL5Q,12,4,9,12,590,15,10,MNHVY,0.34906390000000,0.08566436000000
C7B2H2S2P4L1M2J2E2A1,RDF,CL5Q,12,4,9,12,590,15,40,MEPDG,0.16407990000000,0.01565948000000
C7B2H2S2P4L1M2J2E2A2,RDF,CL5Q,12,4,9,12,590,15,40,MNAVG,0.07142062000000,0.00288983700000
C7B2H2S2P4L1M2J2E2A3,RDF,CL5Q,12,4,9,12,590,15,40,MNHVY,0.14101730000000,0.03106323000000
C7B2H2S2P4L1M3J1E1A1,RDF,CL5Q,12,4,9,12,840,12,10,MEPDG,0.00245261200000,0.00013038830000
C7B2H2S2P4L1M3J1E1A2,RDF,CL5Q,12,4,9,12,840,12,10,MNAVG,0.00057226170000,0.00001443191000
C7B2H2S2P4L1M3J1E1A3,RDF,CL5Q,12,4,9,12,840,12,10,MNHVY,0.00061322050000,0.00018972600000
```

```
C7B2H2S2P4L1M3J1E2A1,RDF,CL5Q,12,4,9,12,840,12,40,MEPDG,0.00067955290000,0.00014837630000
C7B2H2S2P4L1M3J1E2A2,RDF,CL5Q,12,4,9,12,840,12,40,MNAVG,0.00018414240000,0.00001350907000
C7B2H2S2P4L1M3J1E2A3,RDF,CL5Q,12,4,9,12,840,12,40,MNHVY,0.00017467710000,0.00018111760000
C7B2H2S2P4L1M3J2E1A1,RDF,CL5Q,12,4,9,12,840,15,10,MEPDG,0.02481873000000,0.00390420600000
C7B2H2S2P4L1M3J2E1A2,RDF,CL5Q,12,4,9,12,840,15,10,MNAVG,0.00658407400000,0.00060021680000
C7B2H2S2P4L1M3J2E1A3,RDF,CL5Q,12,4,9,12,840,15,10,MNHVY,0.01407148000000,0.00711604500000
C7B2H2S2P4L1M3J2E2A1,RDF,CL5Q,12,4,9,12,840,15,40,MEPDG,0.00831034800000,0.00058673500000
C7B2H2S2P4L1M3J2E2A2,RDF,CL5Q,12,4,9,12,840,15,40,MNAVG,0.00245869700000,0.00008275884000
C7B2H2S2P4L1M3J2E2A3,RDF,CL5Q,12,4,9,12,840,15,40,MNHVY,0.00446595200000,0.00102302100000
C7B2H2S2P4L2M1J1E1A1,RDF,CL5Q,12,4,9,13,340,12,10,MEPDG,0.30833670000000,0.00199367800000
C7B2H2S2P4L2M1J1E1A2,RDF,CL5Q,12,4,9,13,340,12,10,MNAVG,0.15380540000000,0.00039441140000
C7B2H2S2P4L2M1J1E1A3,RDF,CL5Q,12,4,9,13,340,12,10,MNHVY,0.25547810000000,0.00404442600000
C7B2H2S2P4L2M1J1E2A1,RDF,CL5Q,12,4,9,13,340,12,40,MEPDG,0.30833670000000,0.00199367800000
C7B2H2S2P4L2M1J1E2A2,RDF,CL5Q,12,4,9,13,340,12,40,MNAVG,0.15380540000000,0.00039441140000
C7B2H2S2P4L2M1J1E2A3,RDF,CL5Q,12,4,9,13,340,12,40,MNHVY,0.25547810000000,0.00404442600000
C7B2H2S2P4L2M1J2E1A1,RDF,CL5Q,12,4,9,13,340,15,10,MEPDG,1.20840700000000,0.00527400700000
C7B2H2S2P4L2M1J2E1A2,RDF,CL5Q,12,4,9,13,340,15,10,MNAVG,0.81030520000000,0.00120953400000
C7B2H2S2P4L2M1J2E1A3,RDF,CL5Q,12,4,9,13,340,15,10,MNHVY,1.55369300000000,0.01092150000000
C7B2H2S2P4L2M1J2E2A1,RDF,CL5Q,12,4,9,13,340,15,40,MEPDG,1.20840700000000,0.00527400700000
C7B2H2S2P4L2M1J2E2A2,RDF,CL5Q,12,4,9,13,340,15,40,MNAVG,0.81030520000000,0.00120953400000
C7B2H2S2P4L2M1J2E2A3,RDF,CL5Q,12,4,9,13,340,15,40,MNHVY,1.55369300000000,0.01092150000000
C7B2H2S2P4L2M2J1E1A1,RDF,CL5Q,12,4,9,13,590,12,10,MEPDG,0.00456350900000,0.00098344400000
C7B2H2S2P4L2M2J1E1A2,RDF,CL5Q,12,4,9,13,590,12,10,MNAVG,0.00141682100000,0.00013682320000
C7B2H2S2P4L2M2J1E1A3,RDF,CL5Q,12,4,9,13,590,12,10,MNHVY,0.00179422500000,0.00164791400000
C7B2H2S2P4L2M2J1E2A1,RDF,CL5Q,12,4,9,13,590,12,40,MEPDG,0.00456350900000,0.00098344400000
C7B2H2S2P4L2M2J1E2A2,RDF,CL5Q,12,4,9,13,590,12,40,MNAVG,0.00141682100000,0.00013682320000
C7B2H2S2P4L2M2J1E2A3,RDF,CL5Q,12,4,9,13,590,12,40,MNHVY,0.00179422500000,0.00164791400000
C7B2H2S2P4L2M2J2E1A1,RDF,CL5Q,12,4,9,13,590,15,10,MEPDG,0.03814939000000,0.00357784700000
C7B2H2S2P4L2M2J2E1A2,RDF,CL5Q,12,4,9,13,590,15,10,MNAVG,0.01668126000000,0.00068035700000
C7B2H2S2P4L2M2J2E1A3,RDF,CL5Q,12,4,9,13,590,15,10,MNHVY,0.03239860000000,0.00718357600000
C7B2H2S2P4L2M2J2E2A1,RDF,CL5Q,12,4,9,13,590,15,40,MEPDG,0.03814939000000,0.00357784700000
C7B2H2S2P4L2M2J2E2A2,RDF,CL5Q,12,4,9,13,590,15,40,MNAVG,0.01668126000000,0.00068035700000
C7B2H2S2P4L2M2J2E2A3,RDF,CL5Q,12,4,9,13,590,15,40,MNHVY,0.03239860000000,0.00718357600000
C7B2H2S2P4L2M3J1E1A1,RDF,CL5Q,12,4,9,13,840,12,10,MEPDG,0.00012334710000,0.00003954827000
C7B2H2S2P4L2M3J1E1A2,RDF,CL5Q,12,4,9,13,840,12,10,MNAVG,0.00003456177000,0.00000351685800
C7B2H2S2P4L2M3J1E1A3,RDF,CL5Q,12,4,9,13,840,12,10,MNHVY,0.00003159569000,0.00004757290000
C7B2H2S2P4L2M3J1E2A1,RDF,CL5Q,12,4,9,13,840,12,40,MEPDG,0.00012334710000,0.00003954827000
C7B2H2S2P4L2M3J1E2A2,RDF,CL5Q,12,4,9,13,840,12,40,MNAVG,0.00003456177000,0.00000351685800
C7B2H2S2P4L2M3J1E2A3,RDF,CL5Q,12,4,9,13,840,12,40,MNHVY,0.00003159569000,0.00004757290000
C7B2H2S2P4L2M3J2E1A1,RDF,CL5Q,12,4,9,13,840,15,10,MEPDG,0.00173272100000,0.00028539770000
C7B2H2S2P4L2M3J2E1A2,RDF,CL5Q,12,4,9,13,840,15,10,MNAVG,0.00051854390000,0.00003990818000
C7B2H2S2P4L2M3J2E1A3,RDF,CL5Q,12,4,9,13,840,15,10,MNHVY,0.00092285830000,0.00049191380000
C7B2H2S2P4L2M3J2E2A1,RDF,CL5Q,12,4,9,13,840,15,40,MEPDG,0.00173272100000,0.00028539770000
C7B2H2S2P4L2M3J2E2A2,RDF,CL5Q,12,4,9,13,840,15,40,MNAVG,0.00051854390000,0.00003990818000
C7B2H2S2P4L2M3J2E2A3,RDF,CL5Q,12,4,9,13,840,15,40,MNHVY,0.00092285830000,0.00049191380000
C7B2H2S2P5L1M1J1E1A1,RDF,CL5Q,12,4,10,12,340,12,10,MEPDG,0.81919600000000,0.00979190400000
C7B2H2S2P5L1M1J1E1A2,RDF,CL5Q,12,4,10,12,340,12,10,MNAVG,0.31776860000000,0.00176115100000
C7B2H2S2P5L1M1J1E1A3,RDF,CL5Q,12,4,10,12,340,12,10,MNHVY,0.54241720000000,0.01987275000000
C7B2H2S2P5L1M1J1E2A1,RDF,CL5Q,12,4,10,12,340,12,40,MEPDG,0.34587700000000,0.00660181200000
C7B2H2S2P5L1M1J1E2A2,RDF,CL5Q,12,4,10,12,340,12,40,MNAVG,0.13864840000000,0.00116811500000
```

```
C7B2H2S2P5L1M1J1E2A3,RDF,CL5Q,12,4,10,12,340,12,40,MNHVY,0.21547080000000,0.01314086000000
C7B2H2S2P5L1M1J2E1A1,RDF,CL5Q,12,4,10,12,340,15,10,MEPDG,3.27212000000000,0.09776567000000
C7B2H2S2P5L1M1J2E1A2,RDF,CL5Q,12,4,10,12,340,15,10,MNAVG,1.76587400000000,0.02019885000000
C7B2H2S2P5L1M1J2E1A3,RDF,CL5Q,12,4,10,12,340,15,10,MNHVY,3.68847700000000,0.20499470000000
C7B2H2S2P5L1M1J2E2A1,RDF,CL5Q,12,4,10,12,340,15,40,MEPDG,1.60585700000000,0.01590625000000
C7B2H2S2P5L1M1J2E2A2,RDF,CL5Q,12,4,10,12,340,15,40,MNAVG,0.91333960000000,0.00338404500000
C7B2H2S2P5L1M1J2E2A3,RDF,CL5Q,12,4,10,12,340,15,40,MNHVY,1.78413400000000,0.03323178000000
C7B2H2S2P5L1M2J1E1A1,RDF,CL5Q,12,4,10,12,590,12,10,MEPDG,0.01049547000000,0.00088549330000
C7B2H2S2P5L1M2J1E1A2,RDF,CL5Q,12,4,10,12,590,12,10,MNAVG,0.00246252700000,0.00011962420000
C7B2H2S2P5L1M2J1E1A3,RDF,CL5Q,12,4,10,12,590,12,10,MNHVY,0.00300713500000,0.00154420700000
C7B2H2S2P5L1M2J1E2A1,RDF,CL5Q,12,4,10,12,590,12,40,MEPDG,0.00318056100000,0.00059655690000
C7B2H2S2P5L1M2J1E2A2,RDF,CL5Q,12,4,10,12,590,12,40,MNAVG,0.00084991390000,0.00007568192000
C7B2H2S2P5L1M2J1E2A3,RDF,CL5Q,12,4,10,12,590,12,40,MNHVY,0.00090846880000,0.00097717480000
C7B2H2S2P5L1M2J2E1A1,RDF,CL5Q,12,4,10,12,590,15,10,MEPDG,0.08438888000000,0.02596112000000
C7B2H2S2P5L1M2J2E1A2,RDF,CL5Q,12,4,10,12,590,15,10,MNAVG,0.02546474000000,0.00444218900000
C7B2H2S2P5L1M2J2E1A3,RDF,CL5Q,12,4,10,12,590,15,10,MNHVY,0.05404548000000,0.05094013000000
C7B2H2S2P5L1M2J2E2A1,RDF,CL5Q,12,4,10,12,590,15,40,MEPDG,0.03096274000000,0.00888557900000
C7B2H2S2P5L1M2J2E2A2,RDF,CL5Q,12,4,10,12,590,15,40,MNAVG,0.01027725000000,0.00153636900000
C7B2H2S2P5L1M2J2E2A3,RDF,CL5Q,12,4,10,12,590,15,40,MNHVY,0.01902295000000,0.01741541000000
C7B2H2S2P5L1M3J1E1A1,RDF,CL5Q,12,4,10,12,840,12,10,MEPDG,0.00028962120000,0.00007528751000
C7B2H2S2P5L1M3J1E1A2,RDF,CL5Q,12,4,10,12,840,12,10,MNAVG,0.00006249767000,0.00000694196900
C7B2H2S2P5L1M3J1E1A3,RDF,CL5Q,12,4,10,12,840,12,10,MNHVY,0.00005417692000,0.00009838489000
C7B2H2S2P5L1M3J1E2A1,RDF,CL5Q,12,4,10,12,840,12,40,MEPDG,0.00006657730000,0.00005437876000
C7B2H2S2P5L1M3J1E2A2,RDF,CL5Q,12,4,10,12,840,12,40,MNAVG,0.00001775023000,0.00000434925700
C7B2H2S2P5L1M3J1E2A3,RDF,CL5Q,12,4,10,12,840,12,40,MNHVY,0.00001369490000,0.00006154727000
C7B2H2S2P5L1M3J2E1A1,RDF,CL5Q,12,4,10,12,840,15,10,MEPDG,0.00326234700000,0.00131081100000
C7B2H2S2P5L1M3J2E1A2,RDF,CL5Q,12,4,10,12,840,15,10,MNAVG,0.00065516910000,0.00018280570000
C7B2H2S2P5L1M3J2E1A3,RDF,CL5Q,12,4,10,12,840,15,10,MNHVY,0.00115628200000,0.00230724000000
C7B2H2S2P5L1M3J2E2A1,RDF,CL5Q,12,4,10,12,840,15,40,MEPDG,0.00094006710000,0.00044679620000
C7B2H2S2P5L1M3J2E2A2,RDF,CL5Q,12,4,10,12,840,15,40,MNAVG,0.00022130870000,0.00005682571000
C7B2H2S2P5L1M3J2E2A3,RDF,CL5Q,12,4,10,12,840,15,40,MNHVY,0.00032773700000,0.00073405430000
C7B2H2S2P5L2M1J1E1A1,RDF,CL5Q,12,4,10,13,340,12,10,MEPDG,0.07673416000000,0.00338974200000
C7B2H2S2P5L2M1J1E1A2,RDF,CL5Q,12,4,10,13,340,12,10,MNAVG,0.03036233000000,0.00060410380000
C7B2H2S2P5L2M1J1E1A3,RDF,CL5Q,12,4,10,13,340,12,10,MNHVY,0.04624179000000,0.00677061100000
C7B2H2S2P5L2M1J1E2A1,RDF,CL5Q,12,4,10,13,340,12,40,MEPDG,0.07673416000000,0.00338974200000
C7B2H2S2P5L2M1J1E2A2,RDF,CL5Q,12,4,10,13,340,12,40,MNAVG,0.03036233000000,0.00060410380000
C7B2H2S2P5L2M1J1E2A3,RDF,CL5Q,12,4,10,13,340,12,40,MNHVY,0.04624179000000,0.00677061100000
C7B2H2S2P5L2M1J2E1A1,RDF,CL5Q,12,4,10,13,340,15,10,MEPDG,0.40698100000000,0.00973069200000
C7B2H2S2P5L2M1J2E1A2,RDF,CL5Q,12,4,10,13,340,15,10,MNAVG,0.23315620000000,0.00210149700000
C7B2H2S2P5L2M1J2E1A3,RDF,CL5Q,12,4,10,13,340,15,10,MNHVY,0.45039600000000,0.02032124000000
C7B2H2S2P5L2M1J2E2A1,RDF,CL5Q,12,4,10,13,340,15,40,MEPDG,0.40698100000000,0.00973069200000
C7B2H2S2P5L2M1J2E2A2,RDF,CL5Q,12,4,10,13,340,15,40,MNAVG,0.23315620000000,0.00210149700000
C7B2H2S2P5L2M1J2E2A3,RDF,CL5Q,12,4,10,13,340,15,40,MNHVY,0.45039600000000,0.02032124000000
C7B2H2S2P5L2M2J1E1A1,RDF,CL5Q,12,4,10,13,590,12,10,MEPDG,0.00060593340000,0.00025323180000
C7B2H2S2P5L2M2J1E1A2,RDF,CL5Q,12,4,10,13,590,12,10,MNAVG,0.00016641880000,0.00003183643000
C7B2H2S2P5L2M2J1E1A3,RDF,CL5Q,12,4,10,13,590,12,10,MNHVY,0.00017152120000,0.00041124370000
C7B2H2S2P5L2M2J1E2A1,RDF,CL5Q,12,4,10,13,590,12,40,MEPDG,0.00060593340000,0.00025323180000
C7B2H2S2P5L2M2J1E2A2,RDF,CL5Q,12,4,10,13,590,12,40,MNAVG,0.00016641880000,0.00003183643000
C7B2H2S2P5L2M2J1E2A3,RDF,CL5Q,12,4,10,13,590,12,40,MNHVY,0.00017152120000,0.00041124370000
C7B2H2S2P5L2M2J2E1A1,RDF,CL5Q,12,4,10,13,590,15,10,MEPDG,0.00674524900000,0.00148353400000
```

```
C7B2H2S2P5L2M2J2E1A2,RDF,CL5Q,12,4,10,13,590,15,10,MNAVG,0.00227149000000,0.00026145670000
C7B2H2S2P5L2M2J2E1A3,RDF,CL5Q,12,4,10,13,590,15,10,MNHVY,0.00409557200000,0.00293402300000
C7B2H2S2P5L2M2J2E2A1,RDF,CL5Q,12,4,10,13,590,15,40,MEPDG,0.00674524900000,0.00148353400000
C7B2H2S2P5L2M2J2E2A2,RDF,CL5Q,12,4,10,13,590,15,40,MNAVG,0.00227149000000,0.00026145670000
C7B2H2S2P5L2M2J2E2A3,RDF,CL5Q,12,4,10,13,590,15,40,MNHVY,0.00409557200000,0.00293402300000
C7B2H2S2P5L2M3J1E1A1,RDF,CL5Q,12,4,10,13,840,12,10,MEPDG,0.00001120386000,0.00002042114000
C7B2H2S2P5L2M3J1E1A2,RDF,CL5Q,12,4,10,13,840,12,10,MNAVG,0.00000314550000,0.00000158360600
C7B2H2S2P5L2M3J1E1A3,RDF,CL5Q,12,4,10,13,840,12,10,MNHVY,0.00000234350400,0.00002236270000
C7B2H2S2P5L2M3J1E2A1,RDF,CL5Q,12,4,10,13,840,12,40,MEPDG,0.00001120386000,0.00002042114000
C7B2H2S2P5L2M3J1E2A2,RDF,CL5Q,12,4,10,13,840,12,40,MNAVG,0.00000314550000,0.00000158360600
C7B2H2S2P5L2M3J1E2A3,RDF,CL5Q,12,4,10,13,840,12,40,MNHVY,0.00000234350400,0.00002236270000
C7B2H2S2P5L2M3J2E1A1,RDF,CL5Q,12,4,10,13,840,15,10,MEPDG,0.00018023060000,0.00022713380000
C7B2H2S2P5L2M3J2E1A2,RDF,CL5Q,12,4,10,13,840,15,10,MNAVG,0.00004385492000,0.00002851205000
C7B2H2S2P5L2M3J2E1A3,RDF,CL5Q,12,4,10,13,840,15,10,MNHVY,0.00006210170000,0.00036778450000
C7B2H2S2P5L2M3J2E2A1,RDF,CL5Q,12,4,10,13,840,15,40,MEPDG,0.00018023060000,0.00022713380000
C7B2H2S2P5L2M3J2E2A2,RDF,CL5Q,12,4,10,13,840,15,40,MNAVG,0.00004385492000,0.00002851205000
C7B2H2S2P5L2M3J2E2A3,RDF,CL5Q,12,4,10,13,840,15,40,MNHVY,0.00006210170000,0.00036778450000
C7B2H2S2P6L1M1J1E1A1,RDF,CL5Q,12,4,11,12,340,12,10,MEPDG,0.21813180000000,0.01221791000000
C7B2H2S2P6L1M1J1E1A2,RDF,CL5Q,12,4,11,12,340,12,10,MNAVG,0.06509732000000,0.00194279500000
C7B2H2S2P6L1M1J1E1A3,RDF,CL5Q,12,4,11,12,340,12,10,MNHVY,0.10205530000000,0.02392183000000
C7B2H2S2P6L1M1J1E2A1,RDF,CL5Q,12,4,11,12,340,12,40,MEPDG,0.08219243000000,0.03493990000000
C7B2H2S2P6L1M1J1E2A2,RDF,CL5Q,12,4,11,12,340,12,40,MNAVG,0.02611563000000,0.00490367400000
C7B2H2S2P6L1M1J1E2A3,RDF,CL5Q,12,4,11,12,340,12,40,MNHVY,0.03626503000000,0.06188490000000
C7B2H2S2P6L1M1J2E1A1,RDF,CL5Q,12,4,11,12,340,15,10,MEPDG,1.09871200000000,0.27524560000000
C7B2H2S2P6L1M1J2E1A2,RDF,CL5Q,12,4,11,12,340,15,10,MNAVG,0.47738350000000,0.05006782000000
C7B2H2S2P6L1M1J2E1A3,RDF,CL5Q,12,4,11,12,340,15,10,MNHVY,1.01612500000000,0.55961230000000
C7B2H2S2P6L1M1J2E2A1,RDF,CL5Q,12,4,11,12,340,15,40,MEPDG,0.49139900000000,0.14467140000000
C7B2H2S2P6L1M1J2E2A2,RDF,CL5Q,12,4,11,12,340,15,40,MNAVG,0.22934690000000,0.02678264000000
C7B2H2S2P6L1M1J2E2A3,RDF,CL5Q,12,4,11,12,340,15,40,MNHVY,0.44540910000000,0.29352910000000
C7B2H2S2P6L1M2J1E1A1,RDF,CL5Q,12,4,11,12,590,12,10,MEPDG,0.00176937900000,0.00065727660000
C7B2H2S2P6L1M2J1E1A2,RDF,CL5Q,12,4,11,12,590,12,10,MNAVG,0.00037097180000,0.00007408932000
C7B2H2S2P6L1M2J1E1A3,RDF,CL5Q,12,4,11,12,590,12,10,MNHVY,0.00037748220000,0.00103926800000
C7B2H2S2P6L1M2J1E2A1,RDF,CL5Q,12,4,11,12,590,12,40,MEPDG,0.00046528080000,0.00044217570000
C7B2H2S2P6L1M2J1E2A2,RDF,CL5Q,12,4,11,12,590,12,40,MNAVG,0.00011765640000,0.00004722886000
C7B2H2S2P6L1M2J1E2A3,RDF,CL5Q,12,4,11,12,590,12,40,MNHVY,0.00010530320000,0.00065891080000
C7B2H2S2P6L1M2J2E1A1,RDF,CL5Q,12,4,11,12,590,15,10,MEPDG,0.01532222000000,0.01021389000000
C7B2H2S2P6L1M2J2E1A2,RDF,CL5Q,12,4,11,12,590,15,10,MNAVG,0.00349545100000,0.00159761200000
C7B2H2S2P6L1M2J2E1A3,RDF,CL5Q,12,4,11,12,590,15,10,MNHVY,0.00651826000000,0.01962432000000
C7B2H2S2P6L1M2J2E2A1,RDF,CL5Q,12,4,11,12,590,15,40,MEPDG,0.00495316200000,0.00254750300000
C7B2H2S2P6L1M2J2E2A2,RDF,CL5Q,12,4,11,12,590,15,40,MNAVG,0.00129274200000,0.00039861850000
C7B2H2S2P6L1M2J2E2A3,RDF,CL5Q,12,4,11,12,590,15,40,MNHVY,0.00205923600000,0.00484879600000
C7B2H2S2P6L1M3J1E1A1,RDF,CL5Q,12,4,11,12,840,12,10,MEPDG,0.00003861223000,0.00003883005000
C7B2H2S2P6L1M3J1E1A2,RDF,CL5Q,12,4,11,12,840,12,10,MNAVG,0.00000742202700,0.00000299925700
C7B2H2S2P6L1M3J1E1A3,RDF,CL5Q,12,4,11,12,840,12,10,MNHVY,0.00000573610500,0.00004481724000
C7B2H2S2P6L1M3J1E2A1,RDF,CL5Q,12,4,11,12,840,12,40,MEPDG,0.00000784386200,0.00003362903000
C7B2H2S2P6L1M3J1E2A2,RDF,CL5Q,12,4,11,12,840,12,40,MNAVG,0.00000195238800,0.00000230715900
C7B2H2S2P6L1M3J1E2A3,RDF,CL5Q,12,4,11,12,840,12,40,MNHVY,0.00000135334300,0.00003426462000
C7B2H2S2P6L1M3J2E1A1,RDF,CL5Q,12,4,11,12,840,15,10,MEPDG,0.00036074320000,0.00047573070000
C7B2H2S2P6L1M3J2E1A2,RDF,CL5Q,12,4,11,12,840,15,10,MNAVG,0.00006082299000,0.00005618569000
C7B2H2S2P6L1M3J2E1A3,RDF,CL5Q,12,4,11,12,840,15,10,MNHVY,0.00008044311000,0.00077013680000
```

```
C7B2H2S2P6L1M3J2E2A1,RDF,CL5Q,12,4,11,12,840,15,40,MEPDG,0.00008949321000,0.00030978570000
C7B2H2S2P6L1M3J2E2A2,RDF,CL5Q,12,4,11,12,840,15,40,MNAVG,0.00001872317000,0.00003428250000
C7B2H2S2P6L1M3J2E2A3,RDF,CL5Q,12,4,11,12,840,15,40,MNHVY,0.00002096950000,0.00046834460000
C7B2H2S2P6L2M1J1E1A1,RDF,CL5Q,12,4,11,13,340,12,10,MEPDG,0.01726822000000,0.00424430900000
C7B2H2S2P6L2M1J1E1A2,RDF,CL5Q,12,4,11,13,340,12,10,MNAVG,0.00548847400000,0.00067367630000
C7B2H2S2P6L2M1J1E1A3,RDF,CL5Q,12,4,11,13,340,12,10,MNHVY,0.00737866200000,0.00819220400000
C7B2H2S2P6L2M1J1E2A1,RDF,CL5Q,12,4,11,13,340,12,40,MEPDG,0.01726822000000,0.00424430900000
C7B2H2S2P6L2M1J1E2A2,RDF,CL5Q,12,4,11,13,340,12,40,MNAVG,0.00548847400000,0.00067367630000
C7B2H2S2P6L2M1J1E2A3,RDF,CL5Q,12,4,11,13,340,12,40,MNHVY,0.00737866200000,0.00819220400000
C7B2H2S2P6L2M1J2E1A1,RDF,CL5Q,12,4,11,13,340,15,10,MEPDG,0.11819800000000,0.06211964000000
C7B2H2S2P6L2M1J2E1A2,RDF,CL5Q,12,4,11,13,340,15,10,MNAVG,0.05565939000000,0.01193960000000
C7B2H2S2P6L2M1J2E1A3,RDF,CL5Q,12,4,11,13,340,15,10,MNHVY,0.10615150000000,0.12748680000000
C7B2H2S2P6L2M1J2E2A1,RDF,CL5Q,12,4,11,13,340,15,40,MEPDG,0.11819800000000,0.06211964000000
C7B2H2S2P6L2M1J2E2A2,RDF,CL5Q,12,4,11,13,340,15,40,MNAVG,0.05565939000000,0.01193960000000
C7B2H2S2P6L2M1J2E2A3,RDF,CL5Q,12,4,11,13,340,15,40,MNHVY,0.10615150000000,0.12748680000000
C7B2H2S2P6L2M2J1E1A1,RDF,CL5Q,12,4,11,13,590,12,10,MEPDG,0.00008320640000,0.00021092860000
C7B2H2S2P6L2M2J1E1A2,RDF,CL5Q,12,4,11,13,590,12,10,MNAVG,0.00002203137000,0.00002240198000
C7B2H2S2P6L2M2J1E1A3,RDF,CL5Q,12,4,11,13,590,12,10,MNHVY,0.00001899290000,0.00031247750000
C7B2H2S2P6L2M2J1E2A1,RDF,CL5Q,12,4,11,13,590,12,40,MEPDG,0.00008320640000,0.00021092860000
C7B2H2S2P6L2M2J1E2A2,RDF,CL5Q,12,4,11,13,590,12,40,MNAVG,0.00002203137000,0.00002240198000
C7B2H2S2P6L2M2J1E2A3,RDF,CL5Q,12,4,11,13,590,12,40,MNHVY,0.00001899290000,0.00031247750000
C7B2H2S2P6L2M2J2E1A1,RDF,CL5Q,12,4,11,13,590,15,10,MEPDG,0.00100299200000,0.00141117000000
C7B2H2S2P6L2M2J2E1A2,RDF,CL5Q,12,4,11,13,590,15,10,MNAVG,0.00026849300000,0.00022189220000
C7B2H2S2P6L2M2J2E1A3,RDF,CL5Q,12,4,11,13,590,15,10,MNHVY,0.00041040750000,0.00268759300000
C7B2H2S2P6L2M2J2E2A1,RDF,CL5Q,12,4,11,13,590,15,40,MEPDG,0.00100299200000,0.00141117000000
C7B2H2S2P6L2M2J2E2A2,RDF,CL5Q,12,4,11,13,590,15,40,MNAVG,0.00026849300000,0.00022189220000
C7B2H2S2P6L2M2J2E2A3,RDF,CL5Q,12,4,11,13,590,15,40,MNHVY,0.00041040750000,0.00268759300000
C7B2H2S2P6L2M3J1E1A1,RDF,CL5Q,12,4,11,13,840,12,10,MEPDG,0.00000124714200,0.00001492651000
C7B2H2S2P6L2M3J1E1A2,RDF,CL5Q,12,4,11,13,840,12,10,MNAVG,0.00000033202780,0.00000099467240
C7B2H2S2P6L2M3J1E1A3,RDF,CL5Q,12,4,11,13,840,12,10,MNHVY,0.00000022252830,0.00001475265000
C7B2H2S2P6L2M3J1E2A1,RDF,CL5Q,12,4,11,13,840,12,40,MEPDG,0.00000124714200,0.00001492651000
C7B2H2S2P6L2M3J1E2A2,RDF,CL5Q,12,4,11,13,840,12,40,MNAVG,0.00000033202780,0.00000099467240
C7B2H2S2P6L2M3J1E2A3,RDF,CL5Q,12,4,11,13,840,12,40,MNHVY,0.00000022252830,0.00001475265000
C7B2H2S2P6L2M3J2E1A1,RDF,CL5Q,12,4,11,13,840,15,10,MEPDG,0.00001596081000,0.00017083320000
C7B2H2S2P6L2M3J2E1A2,RDF,CL5Q,12,4,11,13,840,15,10,MNAVG,0.00000351935800,0.00001850904000
C7B2H2S2P6L2M3J2E1A3,RDF,CL5Q,12,4,11,13,840,15,10,MNHVY,0.00000376591800,0.00025319030000
C7B2H2S2P6L2M3J2E2A1,RDF,CL5Q,12,4,11,13,840,15,40,MEPDG,0.00001596081000,0.00017083320000
C7B2H2S2P6L2M3J2E2A2,RDF,CL5Q,12,4,11,13,840,15,40,MNAVG,0.00000351935800,0.00001850904000
C7B2H2S2P6L2M3J2E2A3,RDF,CL5Q,12,4,11,13,840,15,40,MNHVY,0.00000376591800,0.00025319030000
C7B2H2S2P7L1M1J1E1A1,RDF,CL5Q,12,4,12,12,340,12,10,MEPDG,0.05506986000000,0.01267629000000
C7B2H2S2P7L1M1J1E1A2,RDF,CL5Q,12,4,12,12,340,12,10,MNAVG,0.01318001000000,0.00178504700000
C7B2H2S2P7L1M1J1E1A3,RDF,CL5Q,12,4,12,12,340,12,10,MNHVY,0.01838404000000,0.02339805000000
C7B2H2S2P7L1M1J1E2A1,RDF,CL5Q,12,4,12,12,340,12,40,MEPDG,0.01846747000000,0.02136459000000
C7B2H2S2P7L1M1J1E2A2,RDF,CL5Q,12,4,12,12,340,12,40,MNAVG,0.00492616500000,0.00273859900000
C7B2H2S2P7L1M1J1E2A3,RDF,CL5Q,12,4,12,12,340,12,40,MNHVY,0.00597241500000,0.03628194000000
C7B2H2S2P7L1M1J2E1A1,RDF,CL5Q,12,4,12,12,340,15,10,MEPDG,0.31698830000000,0.20617050000000
C7B2H2S2P7L1M1J2E1A2,RDF,CL5Q,12,4,12,12,340,15,10,MNAVG,0.10701490000000,0.03466611000000
C7B2H2S2P7L1M1J2E1A3,RDF,CL5Q,12,4,12,12,340,15,10,MNHVY,0.22331640000000,0.40843220000000
C7B2H2S2P7L1M1J2E2A1,RDF,CL5Q,12,4,12,12,340,15,40,MEPDG,0.12682320000000,0.09437367000000
C7B2H2S2P7L1M1J2E2A2,RDF,CL5Q,12,4,12,12,340,15,40,MNAVG,0.04669682000000,0.01648274000000
```

```
C7B2H2S2P7L1M1J2E2A3,RDF,CL5Q,12,4,12,12,340,15,40,MNHVY,0.08641641000000,0.18865760000000
C7B2H2S2P7L1M2J1E1A1,RDF,CL5Q,12,4,12,12,590,12,10,MEPDG,0.00032192590000,0.00043018820000
C7B2H2S2P7L1M2J1E1A2,RDF,CL5Q,12,4,12,12,590,12,10,MNAVG,0.00006098007000,0.00004138066000
C7B2H2S2P7L1M2J1E1A3,RDF,CL5Q,12,4,12,12,590,12,10,MNHVY,0.00005524364000,0.00060619380000
C7B2H2S2P7L1M2J1E2A1,RDF,CL5Q,12,4,12,12,590,12,40,MEPDG,0.00007500661000,0.00029533920000
C7B2H2S2P7L1M2J1E2A2,RDF,CL5Q,12,4,12,12,590,12,40,MNAVG,0.00001795890000,0.00002715862000
C7B2H2S2P7L1M2J1E2A3,RDF,CL5Q,12,4,12,12,590,12,40,MNHVY,0.00001437791000,0.00039629040000
C7B2H2S2P7L1M2J2E1A1,RDF,CL5Q,12,4,12,12,590,15,10,MEPDG,0.00239772000000,0.00749108500000
C7B2H2S2P7L1M2J2E1A2,RDF,CL5Q,12,4,12,12,590,15,10,MNAVG,0.00044143120000,0.00101353600000
C7B2H2S2P7L1M2J2E1A3,RDF,CL5Q,12,4,12,12,590,15,10,MNHVY,0.00067148250000,0.01335428000000
C7B2H2S2P7L1M2J2E2A1,RDF,CL5Q,12,4,12,12,590,15,40,MEPDG,0.00067681540000,0.00204990200000
C7B2H2S2P7L1M2J2E2A2,RDF,CL5Q,12,4,12,12,590,15,40,MNAVG,0.00014967710000,0.00028405990000
C7B2H2S2P7L1M2J2E2A3,RDF,CL5Q,12,4,12,12,590,15,40,MNHVY,0.00019289470000,0.00368522500000
C7B2H2S2P7L1M3J1E1A1,RDF,CL5Q,12,4,12,12,840,12,10,MEPDG,0.00000682966900,0.00002315103000
C7B2H2S2P7L1M3J1E1A2,RDF,CL5Q,12,4,12,12,840,12,10,MNAVG,0.00000105337600,0.00000153786000
C7B2H2S2P7L1M3J1E1A3,RDF,CL5Q,12,4,12,12,840,12,10,MNHVY,0.00000079119680,0.00002336556000
C7B2H2S2P7L1M3J1E2A1,RDF,CL5Q,12,4,12,12,840,12,40,MEPDG,0.00000123963400,0.00001642011000
C7B2H2S2P7L1M3J1E2A2,RDF,CL5Q,12,4,12,12,840,12,40,MNAVG,0.00000026125010,0.00000099076650
C7B2H2S2P7L1M3J1E2A3,RDF,CL5Q,12,4,12,12,840,12,40,MNHVY,0.00000017168490,0.00001497029000
C7B2H2S2P7L1M3J2E1A1,RDF,CL5Q,12,4,12,12,840,15,10,MEPDG,0.00003956063000,0.00031414970000
C7B2H2S2P7L1M3J2E1A2,RDF,CL5Q,12,4,12,12,840,15,10,MNAVG,0.00000591284700,0.00003172356000
C7B2H2S2P7L1M3J2E1A3,RDF,CL5Q,12,4,12,12,840,15,10,MNHVY,0.00000606463800,0.00045799520000
C7B2H2S2P7L1M3J2E2A1,RDF,CL5Q,12,4,12,12,840,15,40,MEPDG,0.00000861417300,0.00020979090000
C7B2H2S2P7L1M3J2E2A2,RDF,CL5Q,12,4,12,12,840,15,40,MNAVG,0.00000167810900,0.00001983353000
C7B2H2S2P7L1M3J2E2A3,RDF,CL5Q,12,4,12,12,840,15,40,MNHVY,0.00000149042500,0.00028483440000
C7B2H2S2P7L2M1J1E1A1,RDF,CL5Q,12,4,12,13,340,12,10,MEPDG,0.00367712300000,0.00440462100000
C7B2H2S2P7L2M1J1E1A2,RDF,CL5Q,12,4,12,13,340,12,10,MNAVG,0.00100080700000,0.00062135710000
C7B2H2S2P7L2M1J1E1A3,RDF,CL5Q,12,4,12,13,340,12,10,MNHVY,0.00116368300000,0.00803667800000
C7B2H2S2P7L2M1J1E2A1,RDF,CL5Q,12,4,12,13,340,12,40,MEPDG,0.00367712300000,0.00440462100000
C7B2H2S2P7L2M1J1E2A2,RDF,CL5Q,12,4,12,13,340,12,40,MNAVG,0.00100080700000,0.00062135710000
C7B2H2S2P7L2M1J1E2A3,RDF,CL5Q,12,4,12,13,340,12,40,MNHVY,0.00116368300000,0.00803667800000
C7B2H2S2P7L2M1J2E1A1,RDF,CL5Q,12,4,12,13,340,15,10,MEPDG,0.02870311000000,0.01861695000000
C7B2H2S2P7L2M1J2E1A2,RDF,CL5Q,12,4,12,13,340,15,10,MNAVG,0.01070480000000,0.00345925500000
C7B2H2S2P7L2M1J2E1A3,RDF,CL5Q,12,4,12,13,340,15,10,MNHVY,0.01926752000000,0.03817696000000
C7B2H2S2P7L2M1J2E2A1,RDF,CL5Q,12,4,12,13,340,15,40,MEPDG,0.02870311000000,0.01861695000000
C7B2H2S2P7L2M1J2E2A2,RDF,CL5Q,12,4,12,13,340,15,40,MNAVG,0.01070480000000,0.00345925500000
C7B2H2S2P7L2M1J2E2A3,RDF,CL5Q,12,4,12,13,340,15,40,MNHVY,0.01926752000000,0.03817696000000
C7B2H2S2P7L2M2J1E1A1,RDF,CL5Q,12,4,12,13,590,12,10,MEPDG,0.00001277821000,0.00014338900000
C7B2H2S2P7L2M2J1E1A2,RDF,CL5Q,12,4,12,13,590,12,10,MNAVG,0.00000324694900,0.00001309854000
C7B2H2S2P7L2M2J1E1A3,RDF,CL5Q,12,4,12,13,590,12,10,MNHVY,0.00000250713300,0.00019106220000
C7B2H2S2P7L2M2J1E2A1,RDF,CL5Q,12,4,12,13,590,12,40,MEPDG,0.00001277821000,0.00014338900000
C7B2H2S2P7L2M2J1E2A2,RDF,CL5Q,12,4,12,13,590,12,40,MNAVG,0.00000324694900,0.00001309854000
C7B2H2S2P7L2M2J1E2A3,RDF,CL5Q,12,4,12,13,590,12,40,MNHVY,0.00000250713300,0.00019106220000
C7B2H2S2P7L2M2J2E1A1,RDF,CL5Q,12,4,12,13,590,15,10,MEPDG,0.00012610810000,0.00112721200000
C7B2H2S2P7L2M2J2E1A2,RDF,CL5Q,12,4,12,13,590,15,10,MNAVG,0.00002908089000,0.00015735120000
C7B2H2S2P7L2M2J2E1A3,RDF,CL5Q,12,4,12,13,590,15,10,MNHVY,0.00003503750000,0.00203172400000
C7B2H2S2P7L2M2J2E2A1,RDF,CL5Q,12,4,12,13,590,15,40,MEPDG,0.00012610810000,0.00112721200000
C7B2H2S2P7L2M2J2E2A2,RDF,CL5Q,12,4,12,13,590,15,40,MNAVG,0.00002908089000,0.00015735120000
C7B2H2S2P7L2M2J2E2A3,RDF,CL5Q,12,4,12,13,590,15,40,MNHVY,0.00003503750000,0.00203172400000
C7B2H2S2P7L2M3J1E1A1,RDF,CL5Q,12,4,12,13,840,12,10,MEPDG,0.00000019053150,0.00000752444800
```

```
C7B2H2S2P7L2M3J1E1A2,RDF,CL5Q,12,4,12,13,840,12,10,MNAVG,0.00000004351006,0.00000044395880
C7B2H2S2P7L2M3J1E1A3,RDF,CL5Q,12,4,12,13,840,12,10,MNHVY,0.00000002752673,0.00000669593900
C7B2H2S2P7L2M3J1E2A1,RDF,CL5Q,12,4,12,13,840,12,40,MEPDG,0.00000019053150,0.00000752444800
C7B2H2S2P7L2M3J1E2A2,RDF,CL5Q,12,4,12,13,840,12,40,MNAVG,0.00000004351006,0.00000044395880
C7B2H2S2P7L2M3J1E2A3,RDF,CL5Q,12,4,12,13,840,12,40,MNHVY,0.00000002752673,0.00000669593900
C7B2H2S2P7L2M3J2E1A1,RDF,CL5Q,12,4,12,13,840,15,10,MEPDG,0.00000144673400,0.00011234140000
C7B2H2S2P7L2M3J2E1A2,RDF,CL5Q,12,4,12,13,840,15,10,MNAVG,0.00000030162520,0.00001045444000
C7B2H2S2P7L2M3J2E1A3,RDF,CL5Q,12,4,12,13,840,15,10,MNHVY,0.00000025694480,0.00015001030000
C7B2H2S2P7L2M3J2E2A1,RDF,CL5Q,12,4,12,13,840,15,40,MEPDG,0.00000144673400,0.00011234140000
C7B2H2S2P7L2M3J2E2A2,RDF,CL5Q,12,4,12,13,840,15,40,MNAVG,0.00000030162520,0.00001045444000
C7B2H2S2P7L2M3J2E2A3,RDF,CL5Q,12,4,12,13,840,15,40,MNHVY,0.00000025694480,0.00015001030000
C7B3H1S1P1L1M1J1E1A1,RDF,OGAB,4,12,6,12,340,12,10,MEPDG,170.76910000000000,1.98535900000000
C7B3H1S1P1L1M1J1E1A2,RDF,OGAB,4,12,6,12,340,12,10,MNAVG,143.70160000000000,0.25107260000000
C7B3H1S1P1L1M1J1E1A3,RDF,OGAB,4,12,6,12,340,12,10,MNHVY,254.02330000000000,2.90194500000000
C7B3H1S1P1L1M1J1E2A1,RDF,OGAB,4,12,6,12,340,12,40,MEPDG,106.00010000000000,1.15004600000000
C7B3H1S1P1L1M1J1E2A2,RDF,OGAB,4,12,6,12,340,12,40,MNAVG,84.13211000000000,0.13914320000000
C7B3H1S1P1L1M1J1E2A3,RDF,OGAB,4,12,6,12,340,12,40,MNHVY,152.83880000000000,1.63161300000000
C7B3H1S1P1L1M1J2E1A1,RDF,OGAB,4,12,6,12,340,15,10,MEPDG,206.00060000000000,1.93393200000000
C7B3H1S1P1L1M1J2E1A2,RDF,OGAB,4,12,6,12,340,15,10,MNAVG,178.37680000000000,0.34420030000000
C7B3H1S1P1L1M1J2E1A3,RDF,OGAB,4,12,6,12,340,15,10,MNHVY,319.48490000000000,3.44496300000000
C7B3H1S1P1L1M1J2E2A1,RDF,OGAB,4,12,6,12,340,15,40,MEPDG,130.98610000000000,1.12374800000000
C7B3H1S1P1L1M1J2E2A2,RDF,OGAB,4,12,6,12,340,15,40,MNAVG,107.81530000000000,0.19977420000000
C7B3H1S1P1L1M1J2E2A3,RDF,OGAB,4,12,6,12,340,15,40,MNHVY,198.57000000000000,2.00229100000000
C7B3H1S1P1L1M2J1E1A1,RDF,OGAB,4,12,6,12,590,12,10,MEPDG,12.70382000000000,0.23163650000000
C7B3H1S1P1L1M2J1E1A2,RDF,OGAB,4,12,6,12,590,12,10,MNAVG,8.26888100000000,0.02773987000000
C7B3H1S1P1L1M2J1E1A3,RDF,OGAB,4,12,6,12,590,12,10,MNHVY,13.48773000000000,0.31464590000000
C7B3H1S1P1L1M2J1E2A1,RDF,OGAB,4,12,6,12,590,12,40,MEPDG,6.74077500000000,0.12247800000000
C7B3H1S1P1L1M2J1E2A2,RDF,OGAB,4,12,6,12,590,12,40,MNAVG,4.20297100000000,0.01304677000000
C7B3H1S1P1L1M2J1E2A3,RDF,OGAB,4,12,6,12,590,12,40,MNHVY,6.78839400000000,0.15321090000000
C7B3H1S1P1L1M2J2E1A1,RDF,OGAB,4,12,6,12,590,15,10,MEPDG,20.52995000000000,0.49044190000000
C7B3H1S1P1L1M2J2E1A2,RDF,OGAB,4,12,6,12,590,15,10,MNAVG,14.95675000000000,0.08746938000000
C7B3H1S1P1L1M2J2E1A3,RDF,OGAB,4,12,6,12,590,15,10,MNHVY,25.95317000000000,0.86175140000000
C7B3H1S1P1L1M2J2E2A1,RDF,OGAB,4,12,6,12,590,15,40,MEPDG,11.56785000000000,0.25442830000000
C7B3H1S1P1L1M2J2E2A2,RDF,OGAB,4,12,6,12,590,15,40,MNAVG,8.22737000000000,0.04349866000000
C7B3H1S1P1L1M2J2E2A3,RDF,OGAB,4,12,6,12,590,15,40,MNHVY,14.25910000000000,0.43932370000000
C7B3H1S1P1L1M3J1E1A1,RDF,OGAB,4,12,6,12,840,12,10,MEPDG,1.54823200000000,0.02828317000000
C7B3H1S1P1L1M3J1E1A2,RDF,OGAB,4,12,6,12,840,12,10,MNAVG,0.76177880000000,0.00271806400000
C7B3H1S1P1L1M3J1E1A3,RDF,OGAB,4,12,6,12,840,12,10,MNHVY,1.16131700000000,0.03307993000000
C7B3H1S1P1L1M3J1E2A1,RDF,OGAB,4,12,6,12,840,12,40,MEPDG,0.71145040000000,0.01408202000000
C7B3H1S1P1L1M3J1E2A2,RDF,OGAB,4,12,6,12,840,12,40,MNAVG,0.34135470000000,0.00113685300000
C7B3H1S1P1L1M3J1E2A3,RDF,OGAB,4,12,6,12,840,12,40,MNHVY,0.49710020000000,0.01422391000000
C7B3H1S1P1L1M3J2E1A1,RDF,OGAB,4,12,6,12,840,15,10,MEPDG,3.41235100000000,0.10114440000000
C7B3H1S1P1L1M3J2E1A2,RDF,OGAB,4,12,6,12,840,15,10,MNAVG,2.09200000000000,0.01652676000000
C7B3H1S1P1L1M3J2E1A3,RDF,OGAB,4,12,6,12,840,15,10,MNHVY,3.67060400000000,0.17088210000000
C7B3H1S1P1L1M3J2E2A1,RDF,OGAB,4,12,6,12,840,15,40,MEPDG,1.71230800000000,0.04682011000000
C7B3H1S1P1L1M3J2E2A2,RDF,OGAB,4,12,6,12,840,15,40,MNAVG,1.04891600000000,0.00703954200000
C7B3H1S1P1L1M3J2E2A3,RDF,OGAB,4,12,6,12,840,15,40,MNHVY,1.78751900000000,0.07557551000000
C7B3H1S1P1L2M1J1E1A1,RDF,OGAB,4,12,6,13,340,12,10,MEPDG,27.32009000000000,0.43191120000000
C7B3H1S1P1L2M1J1E1A2,RDF,OGAB,4,12,6,13,340,12,10,MNAVG,20.87177000000000,0.05558474000000
C7B3H1S1P1L2M1J1E1A3,RDF,OGAB,4,12,6,13,340,12,10,MNHVY,38.33009000000000,0.62775210000000
```

```
C7B3H1S1P1L2M1J1E2A1,RDF,OGAB,4,12,6,13,340,12,40,MEPDG,27.32009000000000,0.43191120000000
C7B3H1S1P1L2M1J1E2A2,RDF,OGAB,4,12,6,13,340,12,40,MNAVG,20.87177000000000,0.05558474000000
C7B3H1S1P1L2M1J1E2A3,RDF,OGAB,4,12,6,13,340,12,40,MNHVY,38.33009000000000,0.62775210000000
C7B3H1S1P1L2M1J2E1A1,RDF,OGAB,4,12,6,13,340,15,10,MEPDG,34.58263000000000,0.49739410000000
C7B3H1S1P1L2M1J2E1A2,RDF,OGAB,4,12,6,13,340,15,10,MNAVG,27.63017000000000,0.09355253000000
C7B3H1S1P1L2M1J2E1A3,RDF,OGAB,4,12,6,13,340,15,10,MNHVY,51.31278000000000,0.89800310000000
C7B3H1S1P1L2M1J2E2A1,RDF,OGAB,4,12,6,13,340,15,40,MEPDG,34.58263000000000,0.49739410000000
C7B3H1S1P1L2M1J2E2A2,RDF,OGAB,4,12,6,13,340,15,40,MNAVG,27.63017000000000,0.09355253000000
C7B3H1S1P1L2M1J2E2A3,RDF,OGAB,4,12,6,13,340,15,40,MNHVY,51.31278000000000,0.89800310000000
C7B3H1S1P1L2M2J1E1A1,RDF,OGAB,4,12,6,13,590,12,10,MEPDG,1.61423100000000,0.04390138000000
C7B3H1S1P1L2M2J1E1A2,RDF,OGAB,4,12,6,13,590,12,10,MNAVG,0.96784910000000,0.00484377800000
C7B3H1S1P1L2M2J1E1A3,RDF,OGAB,4,12,6,13,590,12,10,MNHVY,1.57434300000000,0.05606315000000
C7B3H1S1P1L2M2J1E2A1,RDF,OGAB,4,12,6,13,590,12,40,MEPDG,1.61423100000000,0.04390138000000
C7B3H1S1P1L2M2J1E2A2,RDF,OGAB,4,12,6,13,590,12,40,MNAVG,0.96784910000000,0.00484377800000
C7B3H1S1P1L2M2J1E2A3,RDF,OGAB,4,12,6,13,590,12,40,MNHVY,1.57434300000000,0.05606315000000
C7B3H1S1P1L2M2J2E1A1,RDF,OGAB,4,12,6,13,590,15,10,MEPDG,2.92132800000000,0.11104320000000
C7B3H1S1P1L2M2J2E1A2,RDF,OGAB,4,12,6,13,590,15,10,MNAVG,2.03827300000000,0.01996246000000
C7B3H1S1P1L2M2J2E1A3,RDF,OGAB,4,12,6,13,590,15,10,MNHVY,3.55467900000000,0.19546430000000
C7B3H1S1P1L2M2J2E2A1,RDF,OGAB,4,12,6,13,590,15,40,MEPDG,2.92132800000000,0.11104320000000
C7B3H1S1P1L2M2J2E2A2,RDF,OGAB,4,12,6,13,590,15,40,MNAVG,2.03827300000000,0.01996246000000
C7B3H1S1P1L2M2J2E2A3,RDF,OGAB,4,12,6,13,590,15,40,MNHVY,3.55467900000000,0.19546430000000
C7B3H1S1P1L2M3J1E1A1,RDF,OGAB,4,12,6,13,840,12,10,MEPDG,0.15968750000000,0.00473277400000
C7B3H1S1P1L2M3J1E1A2,RDF,OGAB,4,12,6,13,840,12,10,MNAVG,0.07406829000000,0.00038200410000
C7B3H1S1P1L2M3J1E1A3,RDF,OGAB,4,12,6,13,840,12,10,MNHVY,0.10758470000000,0.00477631600000
C7B3H1S1P1L2M3J1E2A1,RDF,OGAB,4,12,6,13,840,12,40,MEPDG,0.15968750000000,0.00473277400000
C7B3H1S1P1L2M3J1E2A2,RDF,OGAB,4,12,6,13,840,12,40,MNAVG,0.07406829000000,0.00038200410000
C7B3H1S1P1L2M3J1E2A3,RDF,OGAB,4,12,6,13,840,12,40,MNHVY,0.10758470000000,0.00477631600000
C7B3H1S1P1L2M3J2E1A1,RDF,OGAB,4,12,6,13,840,15,10,MEPDG,0.41268670000000,0.01888382000000
C7B3H1S1P1L2M3J2E1A2,RDF,OGAB,4,12,6,13,840,15,10,MNAVG,0.24946760000000,0.00292654700000
C7B3H1S1P1L2M3J2E1A3,RDF,OGAB,4,12,6,13,840,15,10,MNHVY,0.42640570000000,0.03101106000000
C7B3H1S1P1L2M3J2E2A1,RDF,OGAB,4,12,6,13,840,15,40,MEPDG,0.41268670000000,0.01888382000000
C7B3H1S1P1L2M3J2E2A2,RDF,OGAB,4,12,6,13,840,15,40,MNAVG,0.24946760000000,0.00292654700000
C7B3H1S1P1L2M3J2E2A3,RDF,OGAB,4,12,6,13,840,15,40,MNHVY,0.42640570000000,0.03101106000000
C7B3H1S1P2L1M1J1E1A1,RDF,OGAB,4,12,7,12,340,12,10,MEPDG,61.85045000000000,1.61323100000000
C7B3H1S1P2L1M1J1E1A2,RDF,OGAB,4,12,7,12,340,12,10,MNAVG,46.72055000000000,0.23591620000000
C7B3H1S1P2L1M1J1E1A3,RDF,OGAB,4,12,7,12,340,12,10,MNHVY,81.54712000000000,2.58417300000000
C7B3H1S1P2L1M1J1E2A1,RDF,OGAB,4,12,7,12,340,12,40,MEPDG,35.70537000000000,0.91824310000000
C7B3H1S1P2L1M1J1E2A2,RDF,OGAB,4,12,7,12,340,12,40,MNAVG,25.99375000000000,0.12549930000000
C7B3H1S1P2L1M1J1E2A3,RDF,OGAB,4,12,7,12,340,12,40,MNHVY,45.32649000000000,1.40785700000000
C7B3H1S1P2L1M1J2E1A1,RDF,OGAB,4,12,7,12,340,15,10,MEPDG,93.97622000000000,2.47430600000000
C7B3H1S1P2L1M1J2E1A2,RDF,OGAB,4,12,7,12,340,15,10,MNAVG,76.72722000000000,0.47742340000000
C7B3H1S1P2L1M1J2E1A3,RDF,OGAB,4,12,7,12,340,15,10,MNHVY,138.78500000000000,4.60163800000000
C7B3H1S1P2L1M1J2E2A1,RDF,OGAB,4,12,7,12,340,15,40,MEPDG,57.11989000000000,1.43795900000000
C7B3H1S1P2L1M1J2E2A2,RDF,OGAB,4,12,7,12,340,15,40,MNAVG,45.60575000000000,0.27391030000000
C7B3H1S1P2L1M1J2E2A3,RDF,OGAB,4,12,7,12,340,15,40,MNHVY,82.78623000000000,2.65688700000000
C7B3H1S1P2L1M2J1E1A1,RDF,OGAB,4,12,7,12,590,12,10,MEPDG,3.13862500000000,0.10665720000000
C7B3H1S1P2L1M2J1E1A2,RDF,OGAB,4,12,7,12,590,12,10,MNAVG,1.60487100000000,0.01355168000000
C7B3H1S1P2L1M2J1E1A3,RDF,OGAB,4,12,7,12,590,12,10,MNHVY,2.61869400000000,0.15684110000000
C7B3H1S1P2L1M2J1E2A1,RDF,OGAB,4,12,7,12,590,12,40,MEPDG,1.47398400000000,0.05550148000000
C7B3H1S1P2L1M2J1E2A2,RDF,OGAB,4,12,7,12,590,12,40,MNAVG,0.74341230000000,0.00633035000000
```

```
C7B3H1S1P2L1M2J1E2A3,RDF,OGAB,4,12,7,12,590,12,40,MNHVY,1.14931000000000,0.07476912000000
C7B3H1S1P2L1M2J2E1A1,RDF,OGAB,4,12,7,12,590,15,10,MEPDG,7.54803800000000,0.35386880000000
C7B3H1S1P2L1M2J2E1A2,RDF,OGAB,4,12,7,12,590,15,10,MNAVG,4.78840200000000,0.06640177000000
C7B3H1S1P2L1M2J2E1A3,RDF,OGAB,4,12,7,12,590,15,10,MNHVY,8.90684300000000,0.65177390000000
C7B3H1S1P2L1M2J2E2A1,RDF,OGAB,4,12,7,12,590,15,40,MEPDG,3.90690900000000,0.18106040000000
C7B3H1S1P2L1M2J2E2A2,RDF,OGAB,4,12,7,12,590,15,40,MNAVG,2.50604100000000,0.03256451000000
C7B3H1S1P2L1M2J2E2A3,RDF,OGAB,4,12,7,12,590,15,40,MNHVY,4.49562500000000,0.32607850000000
C7B3H1S1P2L1M3J1E1A1,RDF,OGAB,4,12,7,12,840,12,10,MEPDG,0.26926030000000,0.00809225700000
C7B3H1S1P2L1M3J1E1A2,RDF,OGAB,4,12,7,12,840,12,10,MNAVG,0.09642906000000,0.00078834600000
C7B3H1S1P2L1M3J1E1A3,RDF,OGAB,4,12,7,12,840,12,10,MNHVY,0.14205270000000,0.00989035100000
C7B3H1S1P2L1M3J1E2A1,RDF,OGAB,4,12,7,12,840,12,40,MEPDG,0.10563950000000,0.00398742600000
C7B3H1S1P2L1M3J1E2A2,RDF,OGAB,4,12,7,12,840,12,40,MNAVG,0.03854847000000,0.00032751790000
C7B3H1S1P2L1M3J1E2A3,RDF,OGAB,4,12,7,12,840,12,40,MNHVY,0.05164901000000,0.00422288000000
C7B3H1S1P2L1M3J2E1A1,RDF,OGAB,4,12,7,12,840,15,10,MEPDG,0.99062400000000,0.04541268000000
C7B3H1S1P2L1M3J2E1A2,RDF,OGAB,4,12,7,12,840,15,10,MNAVG,0.48623700000000,0.00740335200000
C7B3H1S1P2L1M3J2E1A3,RDF,OGAB,4,12,7,12,840,15,10,MNHVY,0.94864670000000,0.07946833000000
C7B3H1S1P2L1M3J2E2A1,RDF,OGAB,4,12,7,12,840,15,40,MEPDG,0.43779910000000,0.02099326000000
C7B3H1S1P2L1M3J2E2A2,RDF,OGAB,4,12,7,12,840,15,40,MNAVG,0.22273500000000,0.00319047100000
C7B3H1S1P2L1M3J2E2A3,RDF,OGAB,4,12,7,12,840,15,40,MNHVY,0.40211700000000,0.03498626000000
C7B3H1S1P2L2M1J1E1A1,RDF,OGAB,4,12,7,13,340,12,10,MEPDG,9.01098000000000,0.36396050000000
C7B3H1S1P2L2M1J1E1A2,RDF,OGAB,4,12,7,13,340,12,10,MNAVG,6.34219100000000,0.05227978000000
C7B3H1S1P2L2M1J1E1A3,RDF,OGAB,4,12,7,13,340,12,10,MNHVY,11.11578000000000,0.57058320000000
C7B3H1S1P2L2M1J1E2A1,RDF,OGAB,4,12,7,13,340,12,40,MEPDG,9.01098000000000,0.36396050000000
C7B3H1S1P2L2M1J1E2A2,RDF,OGAB,4,12,7,13,340,12,40,MNAVG,6.34219100000000,0.05227978000000
C7B3H1S1P2L2M1J1E2A3,RDF,OGAB,4,12,7,13,340,12,40,MNHVY,11.11578000000000,0.57058320000000
C7B3H1S1P2L2M1J2E1A1,RDF,OGAB,4,12,7,13,340,15,10,MEPDG,15.22724000000000,0.68220410000000
C7B3H1S1P2L2M1J2E1A2,RDF,OGAB,4,12,7,13,340,15,10,MNAVG,11.96354000000000,0.13673870000000
C7B3H1S1P2L2M1J2E1A3,RDF,OGAB,4,12,7,13,340,15,10,MNHVY,21.76227000000000,1.27539600000000
C7B3H1S1P2L2M1J2E2A1,RDF,OGAB,4,12,7,13,340,15,40,MEPDG,15.22724000000000,0.68220410000000
C7B3H1S1P2L2M1J2E2A2,RDF,OGAB,4,12,7,13,340,15,40,MNAVG,11.96354000000000,0.13673870000000
C7B3H1S1P2L2M1J2E2A3,RDF,OGAB,4,12,7,13,340,15,40,MNHVY,21.76227000000000,1.27539600000000
C7B3H1S1P2L2M2J1E1A1,RDF,OGAB,4,12,7,13,590,12,10,MEPDG,0.33772470000000,0.02055439000000
C7B3H1S1P2L2M2J1E1A2,RDF,OGAB,4,12,7,13,590,12,10,MNAVG,0.16520890000000,0.00241187500000
C7B3H1S1P2L2M2J1E1A3,RDF,OGAB,4,12,7,13,590,12,10,MNHVY,0.25391880000000,0.02817833000000
C7B3H1S1P2L2M2J1E2A1,RDF,OGAB,4,12,7,13,590,12,40,MEPDG,0.33772470000000,0.02055439000000
C7B3H1S1P2L2M2J1E2A2,RDF,OGAB,4,12,7,13,590,12,40,MNAVG,0.16520890000000,0.00241187500000
C7B3H1S1P2L2M2J1E2A3,RDF,OGAB,4,12,7,13,590,12,40,MNHVY,0.25391880000000,0.02817833000000
C7B3H1S1P2L2M2J2E1A1,RDF,OGAB,4,12,7,13,590,15,10,MEPDG,0.97509690000000,0.08121418000000
C7B3H1S1P2L2M2J2E1A2,RDF,OGAB,4,12,7,13,590,15,10,MNAVG,0.62075810000000,0.01508227000000
C7B3H1S1P2L2M2J2E1A3,RDF,OGAB,4,12,7,13,590,15,10,MNHVY,1.11162900000000,0.14851700000000
C7B3H1S1P2L2M2J2E2A1,RDF,OGAB,4,12,7,13,590,15,40,MEPDG,0.97509690000000,0.08121418000000
C7B3H1S1P2L2M2J2E2A2,RDF,OGAB,4,12,7,13,590,15,40,MNAVG,0.62075810000000,0.01508227000000
C7B3H1S1P2L2M2J2E2A3,RDF,OGAB,4,12,7,13,590,15,40,MNHVY,1.11162900000000,0.14851700000000
C7B3H1S1P2L2M3J1E1A1,RDF,OGAB,4,12,7,13,840,12,10,MEPDG,0.02227609000000,0.00136756600000
C7B3H1S1P2L2M3J1E1A2,RDF,OGAB,4,12,7,13,840,12,10,MNAVG,0.00800298200000,0.00011196810000
C7B3H1S1P2L2M3J1E1A3,RDF,OGAB,4,12,7,13,840,12,10,MNHVY,0.01049611000000,0.00144029200000
C7B3H1S1P2L2M3J1E2A1,RDF,OGAB,4,12,7,13,840,12,40,MEPDG,0.02227609000000,0.00136756600000
C7B3H1S1P2L2M3J1E2A2,RDF,OGAB,4,12,7,13,840,12,40,MNAVG,0.00800298200000,0.00011196810000
C7B3H1S1P2L2M3J1E2A3,RDF,OGAB,4,12,7,13,840,12,40,MNHVY,0.01049611000000,0.00144029200000
C7B3H1S1P2L2M3J2E1A1,RDF,OGAB,4,12,7,13,840,15,10,MEPDG,0.10193450000000,0.00866548200000
```

```
C7B3H1S1P2L2M3J2E1A2,RDF,OGAB,4,12,7,13,840,15,10,MNAVG,0.05164420000000,0.00133588100000
C7B3H1S1P2L2M3J2E1A3,RDF,OGAB,4,12,7,13,840,15,10,MNHVY,0.09240043000000,0.01460778000000
C7B3H1S1P2L2M3J2E2A1,RDF,OGAB,4,12,7,13,840,15,40,MEPDG,0.10193450000000,0.00866548200000
C7B3H1S1P2L2M3J2E2A2,RDF,OGAB,4,12,7,13,840,15,40,MNAVG,0.05164420000000,0.00133588100000
C7B3H1S1P2L2M3J2E2A3,RDF,OGAB,4,12,7,13,840,15,40,MNHVY,0.09240043000000,0.01460778000000
C7B3H1S1P3L1M1J1E1A1,RDF,OGAB,4,12,8,12,340,12,10,MEPDG,20.08249000000000,1.17203700000000
C7B3H1S1P3L1M1J1E1A2,RDF,OGAB,4,12,8,12,340,12,10,MNAVG,12.66759000000000,0.18438210000000
C7B3H1S1P3L1M1J1E1A3,RDF,OGAB,4,12,8,12,340,12,10,MNHVY,22.04281000000000,2.01443200000000
C7B3H1S1P3L1M1J1E2A1,RDF,OGAB,4,12,8,12,340,12,40,MEPDG,10.54724000000000,0.65615750000000
C7B3H1S1P3L1M1J1E2A2,RDF,OGAB,4,12,8,12,340,12,40,MNAVG,6.53974600000000,0.09711912000000
C7B3H1S1P3L1M1J1E2A3,RDF,OGAB,4,12,8,12,340,12,40,MNHVY,10.98763000000000,1.07700900000000
C7B3H1S1P3L1M1J2E1A1,RDF,OGAB,4,12,8,12,340,15,10,MEPDG,40.16581000000000,2.50228800000000
C7B3H1S1P3L1M1J2E1A2,RDF,OGAB,4,12,8,12,340,15,10,MNAVG,29.34211000000000,0.50756720000000
C7B3H1S1P3L1M1J2E1A3,RDF,OGAB,4,12,8,12,340,15,10,MNHVY,54.99701000000000,4.83119800000000
C7B3H1S1P3L1M1J2E2A1,RDF,OGAB,4,12,8,12,340,15,40,MEPDG,22.85873000000000,1.44513200000000
C7B3H1S1P3L1M1J2E2A2,RDF,OGAB,4,12,8,12,340,15,40,MNAVG,16.75265000000000,0.28815460000000
C7B3H1S1P3L1M1J2E2A3,RDF,OGAB,4,12,8,12,340,15,40,MNHVY,30.69744000000000,2.76086500000000
C7B3H1S1P3L1M2J1E1A1,RDF,OGAB,4,12,8,12,590,12,10,MEPDG,0.63678770000000,0.04692876000000
C7B3H1S1P3L1M2J1E1A2,RDF,OGAB,4,12,8,12,590,12,10,MNAVG,0.23614800000000,0.00631760900000
C7B3H1S1P3L1M2J1E1A3,RDF,OGAB,4,12,8,12,590,12,10,MNHVY,0.36827120000000,0.07400893000000
C7B3H1S1P3L1M2J1E2A1,RDF,OGAB,4,12,8,12,590,12,40,MEPDG,0.25980650000000,0.02393960000000
C7B3H1S1P3L1M2J1E2A2,RDF,OGAB,4,12,8,12,590,12,40,MNAVG,0.09827448000000,0.00289548400000
C7B3H1S1P3L1M2J1E2A3,RDF,OGAB,4,12,8,12,590,12,40,MNHVY,0.13900200000000,0.03478650000000
C7B3H1S1P3L1M2J2E1A1,RDF,OGAB,4,12,8,12,590,15,10,MEPDG,2.27222300000000,0.21809040000000
C7B3H1S1P3L1M2J2E1A2,RDF,OGAB,4,12,8,12,590,15,10,MNAVG,1.14674500000000,0.04108435000000
C7B3H1S1P3L1M2J2E1A3,RDF,OGAB,4,12,8,12,590,15,10,MNHVY,2.28053800000000,0.41807470000000
C7B3H1S1P3L1M2J2E2A1,RDF,OGAB,4,12,8,12,590,15,40,MEPDG,1.05176200000000,0.11195950000000
C7B3H1S1P3L1M2J2E2A2,RDF,OGAB,4,12,8,12,590,15,40,MNAVG,0.55199940000000,0.02036550000000
C7B3H1S1P3L1M2J2E2A3,RDF,OGAB,4,12,8,12,590,15,40,MNHVY,1.01974400000000,0.20942920000000
C7B3H1S1P3L1M3J1E1A1,RDF,OGAB,4,12,8,12,840,12,10,MEPDG,0.03597835000000,0.00233344800000
C7B3H1S1P3L1M3J1E1A2,RDF,OGAB,4,12,8,12,840,12,10,MNAVG,0.00949346100000,0.00023621810000
C7B3H1S1P3L1M3J1E1A3,RDF,OGAB,4,12,8,12,840,12,10,MNHVY,0.01207805000000,0.00298586500000
C7B3H1S1P3L1M3J1E2A1,RDF,OGAB,4,12,8,12,840,12,40,MEPDG,0.01180389000000,0.00118142600000
C7B3H1S1P3L1M3J1E2A2,RDF,OGAB,4,12,8,12,840,12,40,MNAVG,0.00340140600000,0.00010224930000
C7B3H1S1P3L1M3J1E2A3,RDF,OGAB,4,12,8,12,840,12,40,MNHVY,0.00381374400000,0.00133058700000
C7B3H1S1P3L1M3J2E1A1,RDF,OGAB,4,12,8,12,840,15,10,MEPDG,0.20155050000000,0.01960946000000
C7B3H1S1P3L1M3J2E1A2,RDF,OGAB,4,12,8,12,840,15,10,MNAVG,0.07079934000000,0.00316002500000
C7B3H1S1P3L1M3J2E1A3,RDF,OGAB,4,12,8,12,840,15,10,MNHVY,0.14330620000000,0.03538547000000
C7B3H1S1P3L1M3J2E2A1,RDF,OGAB,4,12,8,12,840,15,40,MEPDG,0.07707363000000,0.00930197900000
C7B3H1S1P3L1M3J2E2A2,RDF,OGAB,4,12,8,12,840,15,40,MNAVG,0.02908810000000,0.00140101400000
C7B3H1S1P3L1M3J2E2A3,RDF,OGAB,4,12,8,12,840,15,40,MNHVY,0.05198986000000,0.01599541000000
C7B3H1S1P3L2M1J1E1A1,RDF,OGAB,4,12,8,13,340,12,10,MEPDG,2.56503200000000,0.27167540000000
C7B3H1S1P3L2M1J1E1A2,RDF,OGAB,4,12,8,13,340,12,10,MNAVG,1.54119700000000,0.04187039000000
C7B3H1S1P3L2M1J1E1A3,RDF,OGAB,4,12,8,13,340,12,10,MNHVY,2.58173300000000,0.45517280000000
C7B3H1S1P3L2M1J1E2A1,RDF,OGAB,4,12,8,13,340,12,40,MEPDG,2.56503200000000,0.27167540000000
C7B3H1S1P3L2M1J1E2A2,RDF,OGAB,4,12,8,13,340,12,40,MNAVG,1.54119700000000,0.04187039000000
C7B3H1S1P3L2M1J1E2A3,RDF,OGAB,4,12,8,13,340,12,40,MNHVY,2.58173300000000,0.45517280000000
C7B3H1S1P3L2M1J2E1A1,RDF,OGAB,4,12,8,13,340,15,10,MEPDG,6.02610000000000,0.71403280000000
C7B3H1S1P3L2M1J2E1A2,RDF,OGAB,4,12,8,13,340,15,10,MNAVG,4.38042200000000,0.14812130000000
C7B3H1S1P3L2M1J2E1A3,RDF,OGAB,4,12,8,13,340,15,10,MNHVY,7.99992800000000,1.37809500000000
```

```
C7B3H1S1P3L2M1J2E2A1,RDF,OGAB,4,12,8,13,340,15,40,MEPDG,6.02610000000000,0.71403280000000
C7B3H1S1P3L2M1J2E2A2,RDF,OGAB,4,12,8,13,340,15,40,MNAVG,4.38042200000000,0.14812130000000
C7B3H1S1P3L2M1J2E2A3,RDF,OGAB,4,12,8,13,340,15,40,MNHVY,7.99992800000000,1.37809500000000
C7B3H1S1P3L2M2J1E1A1,RDF,OGAB,4,12,8,13,590,12,10,MEPDG,0.05606385000000,0.00923603000000
C7B3H1S1P3L2M2J1E1A2,RDF,OGAB,4,12,8,13,590,12,10,MNAVG,0.02084359000000,0.00115370100000
C7B3H1S1P3L2M2J1E1A3,RDF,OGAB,4,12,8,13,590,12,10,MNHVY,0.02882641000000,0.01366245000000
C7B3H1S1P3L2M2J1E2A1,RDF,OGAB,4,12,8,13,590,12,40,MEPDG,0.05606385000000,0.00923603000000
C7B3H1S1P3L2M2J1E2A2,RDF,OGAB,4,12,8,13,590,12,40,MNAVG,0.02084359000000,0.00115370100000
C7B3H1S1P3L2M2J1E2A3,RDF,OGAB,4,12,8,13,590,12,40,MNHVY,0.02882641000000,0.01366245000000
C7B3H1S1P3L2M2J2E1A1,RDF,OGAB,4,12,8,13,590,15,10,MEPDG,0.25198610000000,0.05191577000000
C7B3H1S1P3L2M2J2E1A2,RDF,OGAB,4,12,8,13,590,15,10,MNAVG,0.13194450000000,0.00969461900000
C7B3H1S1P3L2M2J2E1A3,RDF,OGAB,4,12,8,13,590,15,10,MNHVY,0.24105030000000,0.09839127000000
C7B3H1S1P3L2M2J2E2A1,RDF,OGAB,4,12,8,13,590,15,40,MEPDG,0.25198610000000,0.05191577000000
C7B3H1S1P3L2M2J2E2A2,RDF,OGAB,4,12,8,13,590,15,40,MNAVG,0.13194450000000,0.00969461900000
C7B3H1S1P3L2M2J2E2A3,RDF,OGAB,4,12,8,13,590,15,40,MNHVY,0.24105030000000,0.09839127000000
C7B3H1S1P3L2M3J1E1A1,RDF,OGAB,4,12,8,13,840,12,10,MEPDG,0.00230428600000,0.00042692460000
C7B3H1S1P3L2M3J1E1A2,RDF,OGAB,4,12,8,13,840,12,10,MNAVG,0.00067311030000,0.00003715225000
C7B3H1S1P3L2M3J1E1A3,RDF,OGAB,4,12,8,13,840,12,10,MNHVY,0.00072752380000,0.00048111400000
C7B3H1S1P3L2M3J1E2A1,RDF,OGAB,4,12,8,13,840,12,40,MEPDG,0.00230428600000,0.00042692460000
C7B3H1S1P3L2M3J1E2A2,RDF,OGAB,4,12,8,13,840,12,40,MNAVG,0.00067311030000,0.00003715225000
C7B3H1S1P3L2M3J1E2A3,RDF,OGAB,4,12,8,13,840,12,40,MNHVY,0.00072752380000,0.00048111400000
C7B3H1S1P3L2M3J2E1A1,RDF,OGAB,4,12,8,13,840,15,10,MEPDG,0.01679914000000,0.00391155000000
C7B3H1S1P3L2M3J2E1A2,RDF,OGAB,4,12,8,13,840,15,10,MNAVG,0.00636067800000,0.00059758860000
C7B3H1S1P3L2M3J2E1A3,RDF,OGAB,4,12,8,13,840,15,10,MNHVY,0.01108018000000,0.00677920600000
C7B3H1S1P3L2M3J2E2A1,RDF,OGAB,4,12,8,13,840,15,40,MEPDG,0.01679914000000,0.00391155000000
C7B3H1S1P3L2M3J2E2A2,RDF,OGAB,4,12,8,13,840,15,40,MNAVG,0.00636067800000,0.00059758860000
C7B3H1S1P3L2M3J2E2A3,RDF,OGAB,4,12,8,13,840,15,40,MNHVY,0.01108018000000,0.00677920600000
C7B3H1S1P4L1M1J1E1A1,RDF,OGAB,4,12,9,12,340,12,10,MEPDG,5.95311200000000,0.72186320000000
C7B3H1S1P4L1M1J1E1A2,RDF,OGAB,4,12,9,12,340,12,10,MNAVG,2.96515000000000,0.11444500000000
C7B3H1S1P4L1M1J1E1A3,RDF,OGAB,4,12,9,12,340,12,10,MNHVY,5.08979800000000,1.28967500000000
C7B3H1S1P4L1M1J1E2A1,RDF,OGAB,4,12,9,12,340,12,40,MEPDG,2.81729800000000,0.39989330000000
C7B3H1S1P4L1M1J1E2A2,RDF,OGAB,4,12,9,12,340,12,40,MNAVG,1.40372600000000,0.05971179000000
C7B3H1S1P4L1M1J1E2A3,RDF,OGAB,4,12,9,12,340,12,40,MNHVY,2.24679400000000,0.68252100000000
C7B3H1S1P4L1M1J2E1A1,RDF,OGAB,4,12,9,12,340,15,10,MEPDG,15.78243000000000,1.99141300000000
C7B3H1S1P4L1M1J2E1A2,RDF,OGAB,4,12,9,12,340,15,10,MNAVG,9.91307000000000,0.40138490000000
C7B3H1S1P4L1M1J2E1A3,RDF,OGAB,4,12,9,12,340,15,10,MNHVY,19.37942000000000,3.94135200000000
C7B3H1S1P4L1M1J2E2A1,RDF,OGAB,4,12,9,12,340,15,40,MEPDG,8.31167300000000,1.15069000000000
C7B3H1S1P4L1M1J2E2A2,RDF,OGAB,4,12,9,12,340,15,40,MNAVG,5.35431000000000,0.22870730000000
C7B3H1S1P4L1M1J2E2A3,RDF,OGAB,4,12,9,12,340,15,40,MNHVY,9.97563500000000,2.24775900000000
C7B3H1S1P4L1M2J1E1A1,RDF,OGAB,4,12,9,12,590,12,10,MEPDG,0.11324990000000,0.01792029000000
C7B3H1S1P4L1M2J1E1A2,RDF,OGAB,4,12,9,12,590,12,10,MNAVG,0.03103254000000,0.00233117100000
C7B3H1S1P4L1M2J1E1A3,RDF,OGAB,4,12,9,12,590,12,10,MNHVY,0.04344964000000,0.02830142000000
C7B3H1S1P4L1M2J1E2A1,RDF,OGAB,4,12,9,12,590,12,40,MEPDG,0.03989280000000,0.00946283800000
C7B3H1S1P4L1M2J1E2A2,RDF,OGAB,4,12,9,12,590,12,40,MNAVG,0.01172463000000,0.00112946600000
C7B3H1S1P4L1M2J1E2A3,RDF,OGAB,4,12,9,12,590,12,40,MNHVY,0.01443573000000,0.01396157000000
C7B3H1S1P4L1M2J2E1A1,RDF,OGAB,4,12,9,12,590,15,10,MEPDG,0.56097790000000,0.11418340000000
C7B3H1S1P4L1M2J2E1A2,RDF,OGAB,4,12,9,12,590,15,10,MNAVG,0.21331250000000,0.02062467000000
C7B3H1S1P4L1M2J2E1A3,RDF,OGAB,4,12,9,12,590,15,10,MNHVY,0.43588970000000,0.22208170000000
C7B3H1S1P4L1M2J2E2A1,RDF,OGAB,4,12,9,12,590,15,40,MEPDG,0.22961580000000,0.05953763000000
C7B3H1S1P4L1M2J2E2A2,RDF,OGAB,4,12,9,12,590,15,40,MNAVG,0.09320844000000,0.01042385000000
```

```
C7B3H1S1P4L1M2J2E2A3,RDF,OGAB,4,12,9,12,590,15,40,MNHVY,0.17048870000000,0.11306500000000
C7B3H1S1P4L1M3J1E1A1,RDF,OGAB,4,12,9,12,840,12,10,MEPDG,0.00438801700000,0.00064771790000
C7B3H1S1P4L1M3J1E1A2,RDF,OGAB,4,12,9,12,840,12,10,MNAVG,0.00097833040000,0.00006149523000
C7B3H1S1P4L1M3J1E1A3,RDF,OGAB,4,12,9,12,840,12,10,MNHVY,0.00102523500000,0.00080299890000
C7B3H1S1P4L1M3J1E2A1,RDF,OGAB,4,12,9,12,840,12,40,MEPDG,0.00120826300000,0.00035367370000
C7B3H1S1P4L1M3J1E2A2,RDF,OGAB,4,12,9,12,840,12,40,MNAVG,0.00031796370000,0.00002951770000
C7B3H1S1P4L1M3J1E2A3,RDF,OGAB,4,12,9,12,840,12,40,MNHVY,0.00029279900000,0.00039252730000
C7B3H1S1P4L1M3J2E1A1,RDF,OGAB,4,12,9,12,840,15,10,MEPDG,0.03196893000000,0.00760555500000
C7B3H1S1P4L1M3J2E1A2,RDF,OGAB,4,12,9,12,840,15,10,MNAVG,0.00802180800000,0.00115092800000
C7B3H1S1P4L1M3J2E1A3,RDF,OGAB,4,12,9,12,840,15,10,MNHVY,0.01509527000000,0.01356331000000
C7B3H1S1P4L1M3J2E2A1,RDF,OGAB,4,12,9,12,840,15,40,MEPDG,0.01047612000000,0.00371449200000
C7B3H1S1P4L1M3J2E2A2,RDF,OGAB,4,12,9,12,840,15,40,MNAVG,0.00295062700000,0.00052892850000
C7B3H1S1P4L1M3J2E2A3,RDF,OGAB,4,12,9,12,840,15,40,MNHVY,0.00471362500000,0.00633096000000
C7B3H1S1P4L2M1J1E1A1,RDF,OGAB,4,12,9,13,340,12,10,MEPDG,0.65476860000000,0.17037210000000
C7B3H1S1P4L2M1J1E1A2,RDF,OGAB,4,12,9,13,340,12,10,MNAVG,0.31737420000000,0.02639899000000
C7B3H1S1P4L2M1J1E1A3,RDF,OGAB,4,12,9,13,340,12,10,MNHVY,0.50125770000000,0.29604640000000
C7B3H1S1P4L2M1J1E2A1,RDF,OGAB,4,12,9,13,340,12,40,MEPDG,0.65476860000000,0.17037210000000
C7B3H1S1P4L2M1J1E2A2,RDF,OGAB,4,12,9,13,340,12,40,MNAVG,0.31737420000000,0.02639899000000
C7B3H1S1P4L2M1J1E2A3,RDF,OGAB,4,12,9,13,340,12,40,MNHVY,0.50125770000000,0.29604640000000
C7B3H1S1P4L2M1J2E1A1,RDF,OGAB,4,12,9,13,340,15,10,MEPDG,2.13273000000000,0.58563420000000
C7B3H1S1P4L2M1J2E1A2,RDF,OGAB,4,12,9,13,340,15,10,MNAVG,1.36943800000000,0.12020660000000
C7B3H1S1P4L2M1J2E1A3,RDF,OGAB,4,12,9,13,340,15,10,MNHVY,2.52947600000000,1.15595100000000
C7B3H1S1P4L2M1J2E2A1,RDF,OGAB,4,12,9,13,340,15,40,MEPDG,2.13273000000000,0.58563420000000
C7B3H1S1P4L2M1J2E2A2,RDF,OGAB,4,12,9,13,340,15,40,MNAVG,1.36943800000000,0.12020660000000
C7B3H1S1P4L2M1J2E2A3,RDF,OGAB,4,12,9,13,340,15,40,MNHVY,2.52947600000000,1.15595100000000
C7B3H1S1P4L2M2J1E1A1,RDF,OGAB,4,12,9,13,590,12,10,MEPDG,0.00807554600000,0.00367050200000
C7B3H1S1P4L2M2J1E1A2,RDF,OGAB,4,12,9,13,590,12,10,MNAVG,0.00239330100000,0.00044729220000
C7B3H1S1P4L2M2J1E1A3,RDF,OGAB,4,12,9,13,590,12,10,MNHVY,0.00284365000000,0.00547017100000
C7B3H1S1P4L2M2J1E2A1,RDF,OGAB,4,12,9,13,590,12,40,MEPDG,0.00807554600000,0.00367050200000
C7B3H1S1P4L2M2J1E2A2,RDF,OGAB,4,12,9,13,590,12,40,MNAVG,0.00239330100000,0.00044729220000
C7B3H1S1P4L2M2J1E2A3,RDF,OGAB,4,12,9,13,590,12,40,MNHVY,0.00284365000000,0.00547017100000
C7B3H1S1P4L2M2J2E1A1,RDF,OGAB,4,12,9,13,590,15,10,MEPDG,0.05195643000000,0.02818120000000
C7B3H1S1P4L2M2J2E1A2,RDF,OGAB,4,12,9,13,590,15,10,MNAVG,0.02115394000000,0.00506436800000
C7B3H1S1P4L2M2J2E1A3,RDF,OGAB,4,12,9,13,590,15,10,MNHVY,0.03780965000000,0.05406665000000
C7B3H1S1P4L2M2J2E2A1,RDF,OGAB,4,12,9,13,590,15,40,MEPDG,0.05195643000000,0.02818120000000
C7B3H1S1P4L2M2J2E2A2,RDF,OGAB,4,12,9,13,590,15,40,MNAVG,0.02115394000000,0.00506436800000
C7B3H1S1P4L2M2J2E2A3,RDF,OGAB,4,12,9,13,590,15,40,MNHVY,0.03780965000000,0.05406665000000
C7B3H1S1P4L2M3J1E1A1,RDF,OGAB,4,12,9,13,840,12,10,MEPDG,0.00021807540000,0.00013268490000
C7B3H1S1P4L2M3J1E1A2,RDF,OGAB,4,12,9,13,840,12,10,MNAVG,0.00005976723000,0.00001106593000
C7B3H1S1P4L2M3J1E1A3,RDF,OGAB,4,12,9,13,840,12,10,MNHVY,0.00005279868000,0.00014665420000
C7B3H1S1P4L2M3J1E2A1,RDF,OGAB,4,12,9,13,840,12,40,MEPDG,0.00021807540000,0.00013268490000
C7B3H1S1P4L2M3J1E2A2,RDF,OGAB,4,12,9,13,840,12,40,MNAVG,0.00005976723000,0.00001106593000
C7B3H1S1P4L2M3J1E2A3,RDF,OGAB,4,12,9,13,840,12,40,MNHVY,0.00005279868000,0.00014665420000
C7B3H1S1P4L2M3J2E1A1,RDF,OGAB,4,12,9,13,840,15,10,MEPDG,0.00212091400000,0.00163706500000
C7B3H1S1P4L2M3J2E1A2,RDF,OGAB,4,12,9,13,840,15,10,MNAVG,0.00060851490000,0.00023729260000
C7B3H1S1P4L2M3J2E1A3,RDF,OGAB,4,12,9,13,840,15,10,MNHVY,0.00093214980000,0.00281081200000
C7B3H1S1P4L2M3J2E2A1,RDF,OGAB,4,12,9,13,840,15,40,MEPDG,0.00212091400000,0.00163706500000
C7B3H1S1P4L2M3J2E2A2,RDF,OGAB,4,12,9,13,840,15,40,MNAVG,0.00060851490000,0.00023729260000
C7B3H1S1P4L2M3J2E2A3,RDF,OGAB,4,12,9,13,840,15,40,MNHVY,0.00093214980000,0.00281081200000
C7B3H1S1P5L1M1J1E1A1,RDF,OGAB,4,12,10,12,340,12,10,MEPDG,1.63269400000000,0.39246810000000
```

```
C7B3H1S1P5L1M1J1E1A2,RDF,OGAB,4,12,10,12,340,12,10,MNAVG,0.61736800000000,0.05906787000000
C7B3H1S1P5L1M1J1E1A3,RDF,OGAB,4,12,10,12,340,12,10,MNHVY,1.02298900000000,0.69867850000000
C7B3H1S1P5L1M1J1E2A1,RDF,OGAB,4,12,10,12,340,12,40,MEPDG,0.69192400000000,0.22087160000000
C7B3H1S1P5L1M1J1E2A2,RDF,OGAB,4,12,10,12,340,12,40,MNAVG,0.26759150000000,0.03168133000000
C7B3H1S1P5L1M1J1E2A3,RDF,OGAB,4,12,10,12,340,12,40,MNHVY,0.39960370000000,0.37800910000000
C7B3H1S1P5L1M1J2E1A1,RDF,OGAB,4,12,10,12,340,15,10,MEPDG,5.58321200000000,1.37100300000000
C7B3H1S1P5L1M1J2E1A2,RDF,OGAB,4,12,10,12,340,15,10,MNAVG,2.88373900000000,0.26329910000000
C7B3H1S1P5L1M1J2E1A3,RDF,OGAB,4,12,10,12,340,15,10,MNHVY,5.84066000000000,2.74476900000000
C7B3H1S1P5L1M1J2E2A1,RDF,OGAB,4,12,10,12,340,15,40,MEPDG,2.68940400000000,0.79585960000000
C7B3H1S1P5L1M1J2E2A2,RDF,OGAB,4,12,10,12,340,15,40,MNAVG,1.45385500000000,0.15118980000000
C7B3H1S1P5L1M1J2E2A3,RDF,OGAB,4,12,10,12,340,15,40,MNHVY,2.73230200000000,1.57118500000000
C7B3H1S1P5L1M2J1E1A1,RDF,OGAB,4,12,10,12,590,12,10,MEPDG,0.01930200000000,0.00634923300000
C7B3H1S1P5L1M2J1E1A2,RDF,OGAB,4,12,10,12,590,12,10,MNAVG,0.00429422400000,0.00073163860000
C7B3H1S1P5L1M2J1E1A3,RDF,OGAB,4,12,10,12,590,12,10,MNHVY,0.00519443800000,0.00946412000000
C7B3H1S1P5L1M2J1E2A1,RDF,OGAB,4,12,10,12,590,12,40,MEPDG,0.00587170600000,0.00355797600000
C7B3H1S1P5L1M2J1E2A2,RDF,OGAB,4,12,10,12,590,12,40,MNAVG,0.00150233100000,0.00038644960000
C7B3H1S1P5L1M2J1E2A3,RDF,OGAB,4,12,10,12,590,12,40,MNHVY,0.00157797100000,0.00501174100000
C7B3H1S1P5L1M2J2E1A1,RDF,OGAB,4,12,10,12,590,15,10,MEPDG,0.11611230000000,0.05354175000000
C7B3H1S1P5L1M2J2E1A2,RDF,OGAB,4,12,10,12,590,15,10,MNAVG,0.03237453000000,0.00886245100000
C7B3H1S1P5L1M2J2E1A3,RDF,OGAB,4,12,10,12,590,15,10,MNHVY,0.06337808000000,0.10202880000000
C7B3H1S1P5L1M2J2E2A1,RDF,OGAB,4,12,10,12,590,15,40,MEPDG,0.04174798000000,0.02889539000000
C7B3H1S1P5L1M2J2E2A2,RDF,OGAB,4,12,10,12,590,15,40,MNAVG,0.01284483000000,0.00467297600000
C7B3H1S1P5L1M2J2E2A3,RDF,OGAB,4,12,10,12,590,15,40,MNHVY,0.02174572000000,0.05391385000000
C7B3H1S1P5L1M3J1E1A1,RDF,OGAB,4,12,10,12,840,12,10,MEPDG,0.00055664380000,0.00019214420000
C7B3H1S1P5L1M3J1E1A2,RDF,OGAB,4,12,10,12,840,12,10,MNAVG,0.00011199750000,0.00001585064000
C7B3H1S1P5L1M3J1E1A3,RDF,OGAB,4,12,10,12,840,12,10,MNHVY,0.00009932074000,0.00022103610000
C7B3H1S1P5L1M3J1E2A1,RDF,OGAB,4,12,10,12,840,12,40,MEPDG,0.00013023180000,0.00011391550000
C7B3H1S1P5L1M3J1E2A2,RDF,OGAB,4,12,10,12,840,12,40,MNAVG,0.00003288051000,0.00000860898800
C7B3H1S1P5L1M3J1E2A3,RDF,OGAB,4,12,10,12,840,12,40,MNHVY,0.00002576899000,0.00011992940000
C7B3H1S1P5L1M3J2E1A1,RDF,OGAB,4,12,10,12,840,15,10,MEPDG,0.00421845400000,0.00285491000000
C7B3H1S1P5L1M3J2E1A2,RDF,OGAB,4,12,10,12,840,15,10,MNAVG,0.00080979110000,0.00038854730000
C7B3H1S1P5L1M3J2E1A3,RDF,OGAB,4,12,10,12,840,15,10,MNHVY,0.00124784600000,0.00486062500000
C7B3H1S1P5L1M3J2E2A1,RDF,OGAB,4,12,10,12,840,15,40,MEPDG,0.00118940800000,0.00151175600000
C7B3H1S1P5L1M3J2E2A2,RDF,OGAB,4,12,10,12,840,15,40,MNAVG,0.00027165470000,0.00019604000000
C7B3H1S1P5L1M3J2E2A3,RDF,OGAB,4,12,10,12,840,15,40,MNHVY,0.00035060140000,0.00247022000000
C7B3H1S1P5L2M1J1E1A1,RDF,OGAB,4,12,10,13,340,12,10,MEPDG,0.15301020000000,0.09548827000000
C7B3H1S1P5L2M1J1E1A2,RDF,OGAB,4,12,10,13,340,12,10,MNAVG,0.05809537000000,0.01408624000000
C7B3H1S1P5L2M1J1E1A3,RDF,OGAB,4,12,10,13,340,12,10,MNHVY,0.08454397000000,0.16564570000000
C7B3H1S1P5L2M1J1E2A1,RDF,OGAB,4,12,10,13,340,12,40,MEPDG,0.15301020000000,0.09548827000000
C7B3H1S1P5L2M1J1E2A2,RDF,OGAB,4,12,10,13,340,12,40,MNAVG,0.05809537000000,0.01408624000000
C7B3H1S1P5L2M1J1E2A3,RDF,OGAB,4,12,10,13,340,12,40,MNHVY,0.08454397000000,0.16564570000000
C7B3H1S1P5L2M1J2E1A1,RDF,OGAB,4,12,10,13,340,15,10,MEPDG,0.66255770000000,0.41180540000000
C7B3H1S1P5L2M1J2E1A2,RDF,OGAB,4,12,10,13,340,15,10,MNAVG,0.35822860000000,0.08064362000000
C7B3H1S1P5L2M1J2E1A3,RDF,OGAB,4,12,10,13,340,15,10,MNHVY,0.66297810000000,0.82106070000000
C7B3H1S1P5L2M1J2E2A1,RDF,OGAB,4,12,10,13,340,15,40,MEPDG,0.66255770000000,0.41180540000000
C7B3H1S1P5L2M1J2E2A2,RDF,OGAB,4,12,10,13,340,15,40,MNAVG,0.35822860000000,0.08064362000000
C7B3H1S1P5L2M1J2E2A3,RDF,OGAB,4,12,10,13,340,15,40,MNHVY,0.66297810000000,0.82106070000000
C7B3H1S1P5L2M2J1E1A1,RDF,OGAB,4,12,10,13,590,12,10,MEPDG,0.00111368000000,0.00142376800000
C7B3H1S1P5L2M2J1E1A2,RDF,OGAB,4,12,10,13,590,12,10,MNAVG,0.00029460380000,0.00015684790000
C7B3H1S1P5L2M2J1E1A3,RDF,OGAB,4,12,10,13,590,12,10,MNHVY,0.00029625410000,0.00202294300000
```

```
C7B3H1S1P5L2M2J1E2A1,RDF,OGAB,4,12,10,13,590,12,40,MEPDG,0.00111368000000,0.00142376800000
C7B3H1S1P5L2M2J1E2A2,RDF,OGAB,4,12,10,13,590,12,40,MNAVG,0.00029460380000,0.00015684790000
C7B3H1S1P5L2M2J1E2A3,RDF,OGAB,4,12,10,13,590,12,40,MNHVY,0.00029625410000,0.00202294300000
C7B3H1S1P5L2M2J2E1A1,RDF,OGAB,4,12,10,13,590,15,10,MEPDG,0.00885793700000,0.01391758000000
C7B3H1S1P5L2M2J2E1A2,RDF,OGAB,4,12,10,13,590,15,10,MNAVG,0.00276369100000,0.00231054800000
C7B3H1S1P5L2M2J2E1A3,RDF,OGAB,4,12,10,13,590,15,10,MNHVY,0.00451052200000,0.02623530000000
C7B3H1S1P5L2M2J2E2A1,RDF,OGAB,4,12,10,13,590,15,40,MEPDG,0.00885793700000,0.01391758000000
C7B3H1S1P5L2M2J2E2A2,RDF,OGAB,4,12,10,13,590,15,40,MNAVG,0.00276369100000,0.00231054800000
C7B3H1S1P5L2M2J2E2A3,RDF,OGAB,4,12,10,13,590,15,40,MNHVY,0.00451052200000,0.02623530000000
C7B3H1S1P5L2M3J1E1A1,RDF,OGAB,4,12,10,13,840,12,10,MEPDG,0.00002207958000,0.00004510495000
C7B3H1S1P5L2M3J1E1A2,RDF,OGAB,4,12,10,13,840,12,10,MNAVG,0.00000591155900,0.00000341810600
C7B3H1S1P5L2M3J1E1A3,RDF,OGAB,4,12,10,13,840,12,10,MNHVY,0.00000446098500,0.00004756976000
C7B3H1S1P5L2M3J1E2A1,RDF,OGAB,4,12,10,13,840,12,40,MEPDG,0.00002207958000,0.00004510495000
C7B3H1S1P5L2M3J1E2A2,RDF,OGAB,4,12,10,13,840,12,40,MNAVG,0.00000591155900,0.00000341810600
C7B3H1S1P5L2M3J1E2A3,RDF,OGAB,4,12,10,13,840,12,40,MNHVY,0.00000446098500,0.00004756976000
C7B3H1S1P5L2M3J2E1A1,RDF,OGAB,4,12,10,13,840,15,10,MEPDG,0.00022370490000,0.00069475570000
C7B3H1S1P5L2M3J2E1A2,RDF,OGAB,4,12,10,13,840,15,10,MNAVG,0.00005320155000,0.00009157188000
C7B3H1S1P5L2M3J2E1A3,RDF,OGAB,4,12,10,13,840,15,10,MNHVY,0.00006537002000,0.00114358600000
C7B3H1S1P5L2M3J2E2A1,RDF,OGAB,4,12,10,13,840,15,40,MEPDG,0.00022370490000,0.00069475570000
C7B3H1S1P5L2M3J2E2A2,RDF,OGAB,4,12,10,13,840,15,40,MNAVG,0.00005320155000,0.00009157188000
C7B3H1S1P5L2M3J2E2A3,RDF,OGAB,4,12,10,13,840,15,40,MNHVY,0.00006537002000,0.00114358600000
C7B3H1S1P6L1M1J1E1A1,RDF,OGAB,4,12,11,12,340,12,10,MEPDG,0.41649370000000,0.19728400000000
C7B3H1S1P6L1M1J1E1A2,RDF,OGAB,4,12,11,12,340,12,10,MNAVG,0.12014730000000,0.02681069000000
C7B3H1S1P6L1M1J1E1A3,RDF,OGAB,4,12,11,12,340,12,10,MNHVY,0.18641530000000,0.33818270000000
C7B3H1S1P6L1M1J1E2A1,RDF,OGAB,4,12,11,12,340,12,40,MEPDG,0.15785370000000,0.11405400000000
C7B3H1S1P6L1M1J1E2A2,RDF,OGAB,4,12,11,12,340,12,40,MNAVG,0.04822381000000,0.01499759000000
C7B3H1S1P6L1M1J1E2A3,RDF,OGAB,4,12,11,12,340,12,40,MNHVY,0.06559167000000,0.18903020000000
C7B3H1S1P6L1M1J2E1A1,RDF,OGAB,4,12,11,12,340,15,10,MEPDG,1.74268400000000,0.85751040000000
C7B3H1S1P6L1M1J2E1A2,RDF,OGAB,4,12,11,12,340,15,10,MNAVG,0.71021460000000,0.15297430000000
C7B3H1S1P6L1M1J2E1A3,RDF,OGAB,4,12,11,12,340,15,10,MNHVY,1.45347400000000,1.70356700000000
C7B3H1S1P6L1M1J2E2A1,RDF,OGAB,4,12,11,12,340,15,40,MEPDG,0.76027070000000,0.50671130000000
C7B3H1S1P6L1M1J2E2A2,RDF,OGAB,4,12,11,12,340,15,40,MNAVG,0.33035460000000,0.08992620000000
C7B3H1S1P6L1M1J2E2A3,RDF,OGAB,4,12,11,12,340,15,40,MNHVY,0.61001350000000,0.99488410000000
C7B3H1S1P6L1M2J1E1A1,RDF,OGAB,4,12,11,12,590,12,10,MEPDG,0.00343237400000,0.00238066900000
C7B3H1S1P6L1M2J1E1A2,RDF,OGAB,4,12,11,12,590,12,10,MNAVG,0.00067497680000,0.00023569010000
C7B3H1S1P6L1M2J1E1A3,RDF,OGAB,4,12,11,12,590,12,10,MNHVY,0.00071728890000,0.00328108400000
C7B3H1S1P6L1M2J1E2A1,RDF,OGAB,4,12,11,12,590,12,40,MEPDG,0.00091779060000,0.00140650900000
C7B3H1S1P6L1M2J1E2A2,RDF,OGAB,4,12,11,12,590,12,40,MNAVG,0.00021982870000,0.00013387680000
C7B3H1S1P6L1M2J1E2A3,RDF,OGAB,4,12,11,12,590,12,40,MNHVY,0.00020248270000,0.00184917600000
C7B3H1S1P6L1M2J2E1A1,RDF,OGAB,4,12,11,12,590,15,10,MEPDG,0.02086412000000,0.02422206000000
C7B3H1S1P6L1M2J2E1A2,RDF,OGAB,4,12,11,12,590,15,10,MNAVG,0.00442531700000,0.00357284700000
C7B3H1S1P6L1M2J2E1A3,RDF,OGAB,4,12,11,12,590,15,10,MNHVY,0.00754481900000,0.04420388000000
C7B3H1S1P6L1M2J2E2A1,RDF,OGAB,4,12,11,12,590,15,40,MEPDG,0.00658832200000,0.01368023000000
C7B3H1S1P6L1M2J2E2A2,RDF,OGAB,4,12,11,12,590,15,40,MNAVG,0.00161265400000,0.00200051000000
C7B3H1S1P6L1M2J2E2A3,RDF,OGAB,4,12,11,12,590,15,40,MNHVY,0.00232625600000,0.02457819000000
C7B3H1S1P6L1M3J1E1A1,RDF,OGAB,4,12,11,12,840,12,10,MEPDG,0.00008295215000,0.00004631965000
C7B3H1S1P6L1M3J1E1A2,RDF,OGAB,4,12,11,12,840,12,10,MNAVG,0.00001448866000,0.00000362324300
C7B3H1S1P6L1M3J1E1A3,RDF,OGAB,4,12,11,12,840,12,10,MNHVY,0.00001200283000,0.00005380965000
C7B3H1S1P6L1M3J1E2A1,RDF,OGAB,4,12,11,12,840,12,40,MEPDG,0.00001740709000,0.00003907734000
C7B3H1S1P6L1M3J1E2A2,RDF,OGAB,4,12,11,12,840,12,40,MNAVG,0.00000398793000,0.00000268095900
```

```
C7B3H1S1P6L1M3J1E2A3,RDF,OGAB,4,12,11,12,840,12,40,MNHVY,0.00000291290300,0.00003938389000
C7B3H1S1P6L1M3J2E1A1,RDF,OGAB,4,12,11,12,840,15,10,MEPDG,0.00048834630000,0.00111762500000
C7B3H1S1P6L1M3J2E1A2,RDF,OGAB,4,12,11,12,840,15,10,MNAVG,0.00007951922000,0.00013130150000
C7B3H1S1P6L1M3J2E1A3,RDF,OGAB,4,12,11,12,840,15,10,MNHVY,0.00009495261000,0.00176684800000
C7B3H1S1P6L1M3J2E2A1,RDF,OGAB,4,12,11,12,840,15,40,MEPDG,0.00011901320000,0.00062460420000
C7B3H1S1P6L1M3J2E2A2,RDF,OGAB,4,12,11,12,840,15,40,MNAVG,0.00002445155000,0.00007061346000
C7B3H1S1P6L1M3J2E2A3,RDF,OGAB,4,12,11,12,840,15,40,MNHVY,0.00002475062000,0.00094621790000
C7B3H1S1P6L2M1J1E1A1,RDF,OGAB,4,12,11,13,340,12,10,MEPDG,0.03317745000000,0.05021500000000
C7B3H1S1P6L2M1J1E1A2,RDF,OGAB,4,12,11,13,340,12,10,MNAVG,0.01012351000000,0.00674346200000
C7B3H1S1P6L2M1J1E1A3,RDF,OGAB,4,12,11,13,340,12,10,MNHVY,0.01325639000000,0.08423556000000
C7B3H1S1P6L2M1J1E2A1,RDF,OGAB,4,12,11,13,340,12,40,MEPDG,0.03317745000000,0.05021500000000
C7B3H1S1P6L2M1J1E2A2,RDF,OGAB,4,12,11,13,340,12,40,MNAVG,0.01012351000000,0.00674346200000
C7B3H1S1P6L2M1J1E2A3,RDF,OGAB,4,12,11,13,340,12,40,MNHVY,0.01325639000000,0.08423556000000
C7B3H1S1P6L2M1J2E1A1,RDF,OGAB,4,12,11,13,340,15,10,MEPDG,0.17784270000000,0.26491100000000
C7B3H1S1P6L2M1J2E1A2,RDF,OGAB,4,12,11,13,340,15,10,MNAVG,0.07752551000000,0.04836337000000
C7B3H1S1P6L2M1J2E1A3,RDF,OGAB,4,12,11,13,340,15,10,MNHVY,0.13972320000000,0.52504300000000
C7B3H1S1P6L2M1J2E2A1,RDF,OGAB,4,12,11,13,340,15,40,MEPDG,0.17784270000000,0.26491100000000
C7B3H1S1P6L2M1J2E2A2,RDF,OGAB,4,12,11,13,340,15,40,MNAVG,0.07752551000000,0.04836337000000
C7B3H1S1P6L2M1J2E2A3,RDF,OGAB,4,12,11,13,340,15,40,MNHVY,0.13972320000000,0.52504300000000
C7B3H1S1P6L2M2J1E1A1,RDF,OGAB,4,12,11,13,590,12,10,MEPDG,0.00016468630000,0.00059339880000
C7B3H1S1P6L2M2J1E1A2,RDF,OGAB,4,12,11,13,590,12,10,MNAVG,0.00004153626000,0.00005744745000
C7B3H1S1P6L2M2J1E1A3,RDF,OGAB,4,12,11,13,590,12,10,MNHVY,0.00003659869000,0.00079083600000
C7B3H1S1P6L2M2J1E2A1,RDF,OGAB,4,12,11,13,590,12,40,MEPDG,0.00016468630000,0.00059339880000
C7B3H1S1P6L2M2J1E2A2,RDF,OGAB,4,12,11,13,590,12,40,MNAVG,0.00004153626000,0.00005744745000
C7B3H1S1P6L2M2J1E2A3,RDF,OGAB,4,12,11,13,590,12,40,MNHVY,0.00003659869000,0.00079083600000
C7B3H1S1P6L2M2J2E1A1,RDF,OGAB,4,12,11,13,590,15,10,MEPDG,0.00130796300000,0.00669437700000
C7B3H1S1P6L2M2J2E1A2,RDF,OGAB,4,12,11,13,590,15,10,MNAVG,0.00033028650000,0.00100181400000
C7B3H1S1P6L2M2J2E1A3,RDF,OGAB,4,12,11,13,590,15,10,MNHVY,0.00045475360000,0.01216851000000
C7B3H1S1P6L2M2J2E2A1,RDF,OGAB,4,12,11,13,590,15,40,MEPDG,0.00130796300000,0.00669437700000
C7B3H1S1P6L2M2J2E2A2,RDF,OGAB,4,12,11,13,590,15,40,MNAVG,0.00033028650000,0.00100181400000
C7B3H1S1P6L2M2J2E2A3,RDF,OGAB,4,12,11,13,590,15,40,MNHVY,0.00045475360000,0.01216851000000
C7B3H1S1P6L2M3J1E1A1,RDF,OGAB,4,12,11,13,840,12,10,MEPDG,0.00000284583900,0.00001688072000
C7B3H1S1P6L2M3J1E1A2,RDF,OGAB,4,12,11,13,840,12,10,MNAVG,0.00000069803970,0.00000116610700
C7B3H1S1P6L2M3J1E1A3,RDF,OGAB,4,12,11,13,840,12,10,MNHVY,0.00000049259140,0.00001720181000
C7B3H1S1P6L2M3J1E2A1,RDF,OGAB,4,12,11,13,840,12,40,MEPDG,0.00000284583900,0.00001688072000
C7B3H1S1P6L2M3J1E2A2,RDF,OGAB,4,12,11,13,840,12,40,MNAVG,0.00000069803970,0.00000116610700
C7B3H1S1P6L2M3J1E2A3,RDF,OGAB,4,12,11,13,840,12,40,MNHVY,0.00000049259140,0.00001720181000
C7B3H1S1P6L2M3J2E1A1,RDF,OGAB,4,12,11,13,840,15,10,MEPDG,0.00002088291000,0.00029375580000
C7B3H1S1P6L2M3J2E1A2,RDF,OGAB,4,12,11,13,840,15,10,MNAVG,0.00000455795700,0.00003351982000
C7B3H1S1P6L2M3J2E1A3,RDF,OGAB,4,12,11,13,840,15,10,MNHVY,0.00000440605500,0.00044772430000
C7B3H1S1P6L2M3J2E2A1,RDF,OGAB,4,12,11,13,840,15,40,MEPDG,0.00002088291000,0.00029375580000
C7B3H1S1P6L2M3J2E2A2,RDF,OGAB,4,12,11,13,840,15,40,MNAVG,0.00000455795700,0.00003351982000
C7B3H1S1P6L2M3J2E2A3,RDF,OGAB,4,12,11,13,840,15,40,MNHVY,0.00000440605500,0.00044772430000
C7B3H1S1P7L1M1J1E1A1,RDF,OGAB,4,12,12,12,340,12,10,MEPDG,3.24676200000000,0.10810570000000
C7B3H1S1P7L1M1J1E1A2,RDF,OGAB,4,12,12,12,340,12,10,MNAVG,1.06621800000000,0.01316803000000
C7B3H1S1P7L1M1J1E1A3,RDF,OGAB,4,12,12,12,340,12,10,MNHVY,3.12236000000000,0.17516320000000
C7B3H1S1P7L1M1J1E2A1,RDF,OGAB,4,12,12,12,340,12,40,MEPDG,1.36762500000000,0.06564169000000
C7B3H1S1P7L1M1J1E2A2,RDF,OGAB,4,12,12,12,340,12,40,MNAVG,0.48725580000000,0.00787649400000
C7B3H1S1P7L1M1J1E2A3,RDF,OGAB,4,12,12,12,340,12,40,MNHVY,1.23456100000000,0.10378840000000
C7B3H1S1P7L1M1J2E1A1,RDF,OGAB,4,12,12,12,340,15,10,MEPDG,17.40467000000000,0.52476040000000
```

```
C7B3H1S1P7L1M1J2E1A2,RDF,OGAB,4,12,12,12,340,15,10,MNAVG,8.65811600000000,0.08628799000000
C7B3H1S1P7L1M1J2E1A3,RDF,OGAB,4,12,12,12,340,15,10,MNHVY,25.99600000000000,1.01354100000000
C7B3H1S1P7L1M1J2E2A1,RDF,OGAB,4,12,12,12,340,15,40,MEPDG,9.26888700000000,0.31927070000000
C7B3H1S1P7L1M1J2E2A2,RDF,OGAB,4,12,12,12,340,15,40,MNAVG,5.03328500000000,0.05261766000000
C7B3H1S1P7L1M1J2E2A3,RDF,OGAB,4,12,12,12,340,15,40,MNHVY,13.80920000000000,0.61146860000000
C7B3H1S1P7L1M2J1E1A1,RDF,OGAB,4,12,12,12,590,12,10,MEPDG,0.04650054000000,0.00075474860000
C7B3H1S1P7L1M2J1E1A2,RDF,OGAB,4,12,12,12,590,12,10,MNAVG,0.00618897600000,0.00007772874000
C7B3H1S1P7L1M2J1E1A3,RDF,OGAB,4,12,12,12,590,12,10,MNHVY,0.01607450000000,0.00111680300000
C7B3H1S1P7L1M2J1E2A1,RDF,OGAB,4,12,12,12,590,12,40,MEPDG,0.01337802000000,0.00076893100000
C7B3H1S1P7L1M2J1E2A2,RDF,OGAB,4,12,12,12,590,12,40,MNAVG,0.00214210000000,0.00007150280000
C7B3H1S1P7L1M2J1E2A3,RDF,OGAB,4,12,12,12,590,12,40,MNHVY,0.00414823800000,0.00102451600000
C7B3H1S1P7L1M2J2E1A1,RDF,OGAB,4,12,12,12,590,15,10,MEPDG,0.96757650000000,0.01286064000000
C7B3H1S1P7L1M2J2E1A2,RDF,OGAB,4,12,12,12,590,15,10,MNAVG,0.19898620000000,0.00171844600000
C7B3H1S1P7L1M2J2E1A3,RDF,OGAB,4,12,12,12,590,15,10,MNHVY,0.95336470000000,0.02237610000000
C7B3H1S1P7L1M2J2E2A1,RDF,OGAB,4,12,12,12,590,15,40,MEPDG,0.38067530000000,0.00773750100000
C7B3H1S1P7L1M2J2E2A2,RDF,OGAB,4,12,12,12,590,15,40,MNAVG,0.08736684000000,0.00103992300000
C7B3H1S1P7L1M2J2E2A3,RDF,OGAB,4,12,12,12,590,15,40,MNHVY,0.35556940000000,0.01335688000000
C7B3H1S1P7L1M3J1E1A1,RDF,OGAB,4,12,12,12,840,12,10,MEPDG,0.00113645900000,0.00004047098000
C7B3H1S1P7L1M3J1E1A2,RDF,OGAB,4,12,12,12,840,12,10,MNAVG,0.00010359510000,0.00000293849100
C7B3H1S1P7L1M3J1E1A3,RDF,OGAB,4,12,12,12,840,12,10,MNHVY,0.00014667730000,0.00004428439000
C7B3H1S1P7L1M3J1E2A1,RDF,OGAB,4,12,12,12,840,12,40,MEPDG,0.00023635050000,0.00003003547000
C7B3H1S1P7L1M3J1E2A2,RDF,OGAB,4,12,12,12,840,12,40,MNAVG,0.00003002656000,0.00000202324600
C7B3H1S1P7L1M3J1E2A3,RDF,OGAB,4,12,12,12,840,12,40,MNHVY,0.00003107401000,0.00003038120000
C7B3H1S1P7L1M3J2E1A1,RDF,OGAB,4,12,12,12,840,15,10,MEPDG,0.05571963000000,0.00057396460000
C7B3H1S1P7L1M3J2E1A2,RDF,OGAB,4,12,12,12,840,15,10,MNAVG,0.00527653500000,0.00006224727000
C7B3H1S1P7L1M3J2E1A3,RDF,OGAB,4,12,12,12,840,15,10,MNHVY,0.02698719000000,0.00087626070000
C7B3H1S1P7L1M3J2E2A1,RDF,OGAB,4,12,12,12,840,15,40,MEPDG,0.01623491000000,0.00036614630000
C7B3H1S1P7L1M3J2E2A2,RDF,OGAB,4,12,12,12,840,15,40,MNAVG,0.00179436800000,0.00003836731000
C7B3H1S1P7L1M3J2E2A3,RDF,OGAB,4,12,12,12,840,15,40,MNHVY,0.00706017800000,0.00053531750000
C7B3H1S1P7L2M1J1E1A1,RDF,OGAB,4,12,12,13,340,12,10,MEPDG,0.32927020000000,0.03000811000000
C7B3H1S1P7L2M1J1E1A2,RDF,OGAB,4,12,12,13,340,12,10,MNAVG,0.11650290000000,0.00366744300000
C7B3H1S1P7L2M1J1E1A3,RDF,OGAB,4,12,12,13,340,12,10,MNHVY,0.28480550000000,0.04804460000000
C7B3H1S1P7L2M1J1E2A1,RDF,OGAB,4,12,12,13,340,12,40,MEPDG,0.32927020000000,0.03000811000000
C7B3H1S1P7L2M1J1E2A2,RDF,OGAB,4,12,12,13,340,12,40,MNAVG,0.11650290000000,0.00366744300000
C7B3H1S1P7L2M1J1E2A3,RDF,OGAB,4,12,12,13,340,12,40,MNHVY,0.28480550000000,0.04804460000000
C7B3H1S1P7L2M1J2E1A1,RDF,OGAB,4,12,12,13,340,15,10,MEPDG,2.91014000000000,0.16969110000000
C7B3H1S1P7L2M1J2E1A2,RDF,OGAB,4,12,12,13,340,15,10,MNAVG,1.60197900000000,0.02872195000000
C7B3H1S1P7L2M1J2E1A3,RDF,OGAB,4,12,12,13,340,15,10,MNHVY,4.36184000000000,0.32841810000000
C7B3H1S1P7L2M1J2E2A1,RDF,OGAB,4,12,12,13,340,15,40,MEPDG,2.91014000000000,0.16969110000000
C7B3H1S1P7L2M1J2E2A2,RDF,OGAB,4,12,12,13,340,15,40,MNAVG,1.60197900000000,0.02872195000000
C7B3H1S1P7L2M1J2E2A3,RDF,OGAB,4,12,12,13,340,15,40,MNHVY,4.36184000000000,0.32841810000000
C7B3H1S1P7L2M2J1E1A1,RDF,OGAB,4,12,12,13,590,12,10,MEPDG,0.00261157100000,0.00032197460000
C7B3H1S1P7L2M2J1E1A2,RDF,OGAB,4,12,12,13,590,12,10,MNAVG,0.00043719510000,0.00003113737000
C7B3H1S1P7L2M2J1E1A3,RDF,OGAB,4,12,12,13,590,12,10,MNHVY,0.00076549050000,0.00044451190000
C7B3H1S1P7L2M2J1E2A1,RDF,OGAB,4,12,12,13,590,12,40,MEPDG,0.00261157100000,0.00032197460000
C7B3H1S1P7L2M2J1E2A2,RDF,OGAB,4,12,12,13,590,12,40,MNAVG,0.00043719510000,0.00003113737000
C7B3H1S1P7L2M2J1E2A3,RDF,OGAB,4,12,12,13,590,12,40,MNHVY,0.00076549050000,0.00044451190000
C7B3H1S1P7L2M2J2E1A1,RDF,OGAB,4,12,12,13,590,15,10,MEPDG,0.09997302000000,0.00397696700000
C7B3H1S1P7L2M2J2E1A2,RDF,OGAB,4,12,12,13,590,15,10,MNAVG,0.02273924000000,0.00054798910000
C7B3H1S1P7L2M2J2E1A3,RDF,OGAB,4,12,12,13,590,15,10,MNHVY,0.09036945000000,0.00696892100000
```

```
C7B3H1S1P7L2M2J2E2A1,RDF,OGAB,4,12,12,13,590,15,40,MEPDG,0.09997302000000,0.00397696700000
C7B3H1S1P7L2M2J2E2A2,RDF,OGAB,4,12,12,13,590,15,40,MNAVG,0.02273924000000,0.00054798910000
C7B3H1S1P7L2M2J2E2A3,RDF,OGAB,4,12,12,13,590,15,40,MNHVY,0.09036945000000,0.00696892100000
C7B3H1S1P7L2M3J1E1A1,RDF,OGAB,4,12,12,13,840,12,10,MEPDG,0.00003885172000,0.00001491744000
C7B3H1S1P7L2M3J1E1A2,RDF,OGAB,4,12,12,13,840,12,10,MNAVG,0.00000544193200,0.00000099224890
C7B3H1S1P7L2M3J1E1A3,RDF,OGAB,4,12,12,13,840,12,10,MNHVY,0.00000511631600,0.00001488111000
C7B3H1S1P7L2M3J1E2A1,RDF,OGAB,4,12,12,13,840,12,40,MEPDG,0.00003885172000,0.00001491744000
C7B3H1S1P7L2M3J1E2A2,RDF,OGAB,4,12,12,13,840,12,40,MNAVG,0.00000544193200,0.00000099224890
C7B3H1S1P7L2M3J1E2A3,RDF,OGAB,4,12,12,13,840,12,40,MNHVY,0.00000511631600,0.00001488111000
C7B3H1S1P7L2M3J2E1A1,RDF,OGAB,4,12,12,13,840,15,10,MEPDG,0.00354360600000,0.00014408780000
C7B3H1S1P7L2M3J2E1A2,RDF,OGAB,4,12,12,13,840,15,10,MNAVG,0.00039577350000,0.00001500912000
C7B3H1S1P7L2M3J2E1A3,RDF,OGAB,4,12,12,13,840,15,10,MNHVY,0.00143231700000,0.00021024250000
C7B3H1S1P7L2M3J2E2A1,RDF,OGAB,4,12,12,13,840,15,40,MEPDG,0.00354360600000,0.00014408780000
C7B3H1S1P7L2M3J2E2A2,RDF,OGAB,4,12,12,13,840,15,40,MNAVG,0.00039577350000,0.00001500912000
C7B3H1S1P7L2M3J2E2A3,RDF,OGAB,4,12,12,13,840,15,40,MNHVY,0.00143231700000,0.00021024250000
C7B3H2S2P1L1M1J1E1A1,RDF,OGAB,12,4,6,12,340,12,10,MEPDG,53.34970000000000,0.00000000000244
C7B3H2S2P1L1M1J1E1A2,RDF,OGAB,12,4,6,12,340,12,10,MNAVG,41.96074000000000,0.00000000000008
C7B3H2S2P1L1M1J1E1A3,RDF,OGAB,12,4,6,12,340,12,10,MNHVY,72.85384000000000,0.00000000000109
C7B3H2S2P1L1M1J1E2A1,RDF,OGAB,12,4,6,12,340,12,40,MEPDG,31.96620000000000,0.00000000000082
C7B3H2S2P1L1M1J1E2A2,RDF,OGAB,12,4,6,12,340,12,40,MNAVG,24.10740000000000,0.00000000000003
C7B3H2S2P1L1M1J1E2A3,RDF,OGAB,12,4,6,12,340,12,40,MNHVY,42.66091000000000,0.00000000000043
C7B3H2S2P1L1M1J2E1A1,RDF,OGAB,12,4,6,12,340,15,10,MEPDG,69.35283000000000,0.00000000000167
C7B3H2S2P1L1M1J2E1A2,RDF,OGAB,12,4,6,12,340,15,10,MNAVG,57.31215000000000,0.00000000000011
C7B3H2S2P1L1M1J2E1A3,RDF,OGAB,12,4,6,12,340,15,10,MNHVY,101.53070000000000,0.00000000000146
C7B3H2S2P1L1M1J2E2A1,RDF,OGAB,12,4,6,12,340,15,40,MEPDG,42.92527000000000,0.00000000000064
C7B3H2S2P1L1M1J2E2A2,RDF,OGAB,12,4,6,12,340,15,40,MNAVG,34.31749000000000,0.00000000000005
C7B3H2S2P1L1M1J2E2A3,RDF,OGAB,12,4,6,12,340,15,40,MNHVY,62.00360000000000,0.00000000000064
C7B3H2S2P1L1M2J1E1A1,RDF,OGAB,12,4,6,12,590,12,10,MEPDG,6.30162300000000,0.00000000000000
C7B3H2S2P1L1M2J1E1A2,RDF,OGAB,12,4,6,12,590,12,10,MNAVG,4.06340000000000,0.00000000000000
C7B3H2S2P1L1M2J1E1A3,RDF,OGAB,12,4,6,12,590,12,10,MNHVY,6.92445000000000,0.00000000000000
C7B3H2S2P1L1M2J1E2A1,RDF,OGAB,12,4,6,12,590,12,40,MEPDG,3.32945100000000,0.00000000001487
C7B3H2S2P1L1M2J1E2A2,RDF,OGAB,12,4,6,12,590,12,40,MNAVG,2.09919300000000,0.00000000000111
C7B3H2S2P1L1M2J1E2A3,RDF,OGAB,12,4,6,12,590,12,40,MNHVY,3.54942200000000,0.00000000001647
C7B3H2S2P1L1M2J2E1A1,RDF,OGAB,12,4,6,12,590,15,10,MEPDG,11.52428000000000,0.00000000000000
C7B3H2S2P1L1M2J2E1A2,RDF,OGAB,12,4,6,12,590,15,10,MNAVG,8.54977600000000,0.00000000000000
C7B3H2S2P1L1M2J2E1A3,RDF,OGAB,12,4,6,12,590,15,10,MNHVY,15.45701000000000,0.00000000000000
C7B3H2S2P1L1M2J2E2A1,RDF,OGAB,12,4,6,12,590,15,40,MEPDG,6.54518900000000,0.00000000000000
C7B3H2S2P1L1M2J2E2A2,RDF,OGAB,12,4,6,12,590,15,40,MNAVG,4.83245600000000,0.00000000000000
C7B3H2S2P1L1M2J2E2A3,RDF,OGAB,12,4,6,12,590,15,40,MNHVY,8.70987000000000,0.00000000000000
C7B3H2S2P1L1M3J1E1A1,RDF,OGAB,12,4,6,12,840,12,10,MEPDG,0.92313370000000,0.00002470156000
C7B3H2S2P1L1M3J1E1A2,RDF,OGAB,12,4,6,12,840,12,10,MNAVG,0.45986290000000,0.00000356575400
C7B3H2S2P1L1M3J1E1A3,RDF,OGAB,12,4,6,12,840,12,10,MNHVY,0.75713490000000,0.00004174842000
C7B3H2S2P1L1M3J1E2A1,RDF,OGAB,12,4,6,12,840,12,40,MEPDG,0.42424640000000,0.00002312441000
C7B3H2S2P1L1M3J1E2A2,RDF,OGAB,12,4,6,12,840,12,40,MNAVG,0.20938200000000,0.00000293067400
C7B3H2S2P1L1M3J1E2A3,RDF,OGAB,12,4,6,12,840,12,40,MNHVY,0.33021830000000,0.00003588004000
C7B3H2S2P1L1M3J2E1A1,RDF,OGAB,12,4,6,12,840,15,10,MEPDG,2.34414800000000,0.00000000000001
C7B3H2S2P1L1M3J2E1A2,RDF,OGAB,12,4,6,12,840,15,10,MNAVG,1.48283900000000,0.00000000000000
C7B3H2S2P1L1M3J2E1A3,RDF,OGAB,12,4,6,12,840,15,10,MNHVY,2.80593500000000,0.00000000000001
C7B3H2S2P1L1M3J2E2A1,RDF,OGAB,12,4,6,12,840,15,40,MEPDG,1.19410300000000,0.00000000000000
C7B3H2S2P1L1M3J2E2A2,RDF,OGAB,12,4,6,12,840,15,40,MNAVG,0.76606510000000,0.00000000000000
```

```
C7B3H2S2P1L1M3J2E2A3,RDF,OGAB,12,4,6,12,840,15,40,MNHVY,1.40936300000000,0.00000000000000
C7B3H2S2P1L2M1J1E1A1,RDF,OGAB,12,4,6,13,340,12,10,MEPDG,8.18067600000000,0.00000000000024
C7B3H2S2P1L2M1J1E1A2,RDF,OGAB,12,4,6,13,340,12,10,MNAVG,5.98931200000000,0.00000000000001
C7B3H2S2P1L2M1J1E1A3,RDF,OGAB,12,4,6,13,340,12,10,MNHVY,10.71227000000000,0.00000000000014
C7B3H2S2P1L2M1J1E2A1,RDF,OGAB,12,4,6,13,340,12,40,MEPDG,8.18067600000000,0.00000000000024
C7B3H2S2P1L2M1J1E2A2,RDF,OGAB,12,4,6,13,340,12,40,MNAVG,5.98931200000000,0.00000000000001
C7B3H2S2P1L2M1J1E2A3,RDF,OGAB,12,4,6,13,340,12,40,MNHVY,10.71227000000000,0.00000000000014
C7B3H2S2P1L2M1J2E1A1,RDF,OGAB,12,4,6,13,340,15,10,MEPDG,11.37391000000000,0.00000000000021
C7B3H2S2P1L2M1J2E1A2,RDF,OGAB,12,4,6,13,340,15,10,MNAVG,8.92686400000000,0.00000000000002
C7B3H2S2P1L2M1J2E1A3,RDF,OGAB,12,4,6,13,340,15,10,MNHVY,16.24575000000000,0.00000000000024
C7B3H2S2P1L2M1J2E2A1,RDF,OGAB,12,4,6,13,340,15,40,MEPDG,11.37391000000000,0.00000000000021
C7B3H2S2P1L2M1J2E2A2,RDF,OGAB,12,4,6,13,340,15,40,MNAVG,8.92686400000000,0.00000000000002
C7B3H2S2P1L2M1J2E2A3,RDF,OGAB,12,4,6,13,340,15,40,MNHVY,16.24575000000000,0.00000000000024
C7B3H2S2P1L2M2J1E1A1,RDF,OGAB,12,4,6,13,590,12,10,MEPDG,0.80608750000000,0.00000000000492
C7B3H2S2P1L2M2J1E1A2,RDF,OGAB,12,4,6,13,590,12,10,MNAVG,0.49462940000000,0.00000000000039
C7B3H2S2P1L2M2J1E1A3,RDF,OGAB,12,4,6,13,590,12,10,MNHVY,0.84411720000000,0.00000000000569
C7B3H2S2P1L2M2J1E2A1,RDF,OGAB,12,4,6,13,590,12,40,MEPDG,0.80608750000000,0.00000000000492
C7B3H2S2P1L2M2J1E2A2,RDF,OGAB,12,4,6,13,590,12,40,MNAVG,0.49462940000000,0.00000000000039
C7B3H2S2P1L2M2J1E2A3,RDF,OGAB,12,4,6,13,590,12,40,MNHVY,0.84411720000000,0.00000000000569
C7B3H2S2P1L2M2J2E1A1,RDF,OGAB,12,4,6,13,590,15,10,MEPDG,1.70800500000000,0.00000000000000
C7B3H2S2P1L2M2J2E1A2,RDF,OGAB,12,4,6,13,590,15,10,MNAVG,1.25545100000000,0.00000000000000
C7B3H2S2P1L2M2J2E1A3,RDF,OGAB,12,4,6,13,590,15,10,MNHVY,2.27739400000000,0.00000000000000
C7B3H2S2P1L2M2J2E2A1,RDF,OGAB,12,4,6,13,590,15,40,MEPDG,1.70800500000000,0.00000000000000
C7B3H2S2P1L2M2J2E2A2,RDF,OGAB,12,4,6,13,590,15,40,MNAVG,1.25545100000000,0.00000000000000
C7B3H2S2P1L2M2J2E2A3,RDF,OGAB,12,4,6,13,590,15,40,MNHVY,2.27739400000000,0.00000000000000
C7B3H2S2P1L2M3J1E1A1,RDF,OGAB,12,4,6,13,840,12,10,MEPDG,0.09606376000000,0.00001123022000
C7B3H2S2P1L2M3J1E1A2,RDF,OGAB,12,4,6,13,840,12,10,MNAVG,0.04634425000000,0.00000138328100
C7B3H2S2P1L2M3J1E1A3,RDF,OGAB,12,4,6,13,840,12,10,MNHVY,0.07339649000000,0.00001702530000
C7B3H2S2P1L2M3J1E2A1,RDF,OGAB,12,4,6,13,840,12,40,MEPDG,0.09606376000000,0.00001123022000
C7B3H2S2P1L2M3J1E2A2,RDF,OGAB,12,4,6,13,840,12,40,MNAVG,0.04634425000000,0.00000138328100
C7B3H2S2P1L2M3J1E2A3,RDF,OGAB,12,4,6,13,840,12,40,MNHVY,0.07339649000000,0.00001702530000
C7B3H2S2P1L2M3J2E1A1,RDF,OGAB,12,4,6,13,840,15,10,MEPDG,0.29651880000000,0.00000000000000
C7B3H2S2P1L2M3J2E1A2,RDF,OGAB,12,4,6,13,840,15,10,MNAVG,0.18968270000000,0.00000000000000
C7B3H2S2P1L2M3J2E1A3,RDF,OGAB,12,4,6,13,840,15,10,MNHVY,0.35013290000000,0.00000000000000
C7B3H2S2P1L2M3J2E2A1,RDF,OGAB,12,4,6,13,840,15,40,MEPDG,0.29651880000000,0.00000000000000
C7B3H2S2P1L2M3J2E2A2,RDF,OGAB,12,4,6,13,840,15,40,MNAVG,0.18968270000000,0.00000000000000
C7B3H2S2P1L2M3J2E2A3,RDF,OGAB,12,4,6,13,840,15,40,MNHVY,0.35013290000000,0.00000000000000
C7B3H2S2P2L1M1J1E1A1,RDF,OGAB,12,4,7,12,340,12,10,MEPDG,27.87136000000000,0.00000000226746
C7B3H2S2P2L1M1J1E1A2,RDF,OGAB,12,4,7,12,340,12,10,MNAVG,20.47467000000000,0.00000000013703
C7B3H2S2P2L1M1J1E1A3,RDF,OGAB,12,4,7,12,340,12,10,MNHVY,36.51228000000000,0.00000000199748
C7B3H2S2P2L1M1J1E2A1,RDF,OGAB,12,4,7,12,340,12,40,MEPDG,15.85318000000000,0.00000000144824
C7B3H2S2P2L1M1J1E2A2,RDF,OGAB,12,4,7,12,340,12,40,MNAVG,11.42458000000000,0.00000000009566
C7B3H2S2P2L1M1J1E2A3,RDF,OGAB,12,4,7,12,340,12,40,MNHVY,20.28975000000000,0.00000000137960
C7B3H2S2P2L1M1J2E1A1,RDF,OGAB,12,4,7,12,340,15,10,MEPDG,47.37513000000000,0.00000000342617
C7B3H2S2P2L1M1J2E1A2,RDF,OGAB,12,4,7,12,340,15,10,MNAVG,38.50331000000000,0.00000000035880
C7B3H2S2P2L1M1J2E1A3,RDF,OGAB,12,4,7,12,340,15,10,MNHVY,71.12643000000000,0.00000000480615
C7B3H2S2P2L1M1J2E2A1,RDF,OGAB,12,4,7,12,340,15,40,MEPDG,28.84549000000000,0.00000000164550
C7B3H2S2P2L1M1J2E2A2,RDF,OGAB,12,4,7,12,340,15,40,MNAVG,23.33143000000000,0.00000000018460
C7B3H2S2P2L1M1J2E2A3,RDF,OGAB,12,4,7,12,340,15,40,MNHVY,43.07029000000000,0.00000000240676
C7B3H2S2P2L1M2J1E1A1,RDF,OGAB,12,4,7,12,590,12,10,MEPDG,1.88652800000000,0.00024777200000
```

```
C7B3H2S2P2L1M2J1E1A2,RDF,OGAB,12,4,7,12,590,12,10,MNAVG,0.96780380000000,0.00004372346000
C7B3H2S2P2L1M2J1E1A3,RDF,OGAB,12,4,7,12,590,12,10,MNHVY,1.68702600000000,0.00046642360000
C7B3H2S2P2L1M2J1E2A1,RDF,OGAB,12,4,7,12,590,12,40,MEPDG,0.88627950000000,0.00022521990000
C7B3H2S2P2L1M2J1E2A2,RDF,OGAB,12,4,7,12,590,12,40,MNAVG,0.45799920000000,0.00003653836000
C7B3H2S2P2L1M2J1E2A3,RDF,OGAB,12,4,7,12,590,12,40,MNHVY,0.75721910000000,0.00040546220000
C7B3H2S2P2L1M2J2E1A1,RDF,OGAB,12,4,7,12,590,15,10,MEPDG,5.27276500000000,0.00041166280000
C7B3H2S2P2L1M2J2E1A2,RDF,OGAB,12,4,7,12,590,15,10,MNAVG,3.43136600000000,0.00008864577000
C7B3H2S2P2L1M2J2E1A3,RDF,OGAB,12,4,7,12,590,15,10,MNHVY,6.76648300000000,0.00083014990000
C7B3H2S2P2L1M2J2E2A1,RDF,OGAB,12,4,7,12,590,15,40,MEPDG,2.76854800000000,0.00019882560000
C7B3H2S2P2L1M2J2E2A2,RDF,OGAB,12,4,7,12,590,15,40,MNAVG,1.84571800000000,0.00004126696000
C7B3H2S2P2L1M2J2E2A3,RDF,OGAB,12,4,7,12,590,15,40,MNHVY,3.51549200000000,0.00039480960000
C7B3H2S2P2L1M3J1E1A1,RDF,OGAB,12,4,7,12,840,12,10,MEPDG,0.18872840000000,0.00010167950000
C7B3H2S2P2L1M3J1E1A2,RDF,OGAB,12,4,7,12,840,12,10,MNAVG,0.06892589000000,0.00001345243000
C7B3H2S2P2L1M3J1E1A3,RDF,OGAB,12,4,7,12,840,12,10,MNHVY,0.11200830000000,0.00016455860000
C7B3H2S2P2L1M3J1E2A1,RDF,OGAB,12,4,7,12,840,12,40,MEPDG,0.07470117000000,0.00004734391000
C7B3H2S2P2L1M3J1E2A2,RDF,OGAB,12,4,7,12,840,12,40,MNAVG,0.02810450000000,0.00000517253400
C7B3H2S2P2L1M3J1E2A3,RDF,OGAB,12,4,7,12,840,12,40,MNHVY,0.04179582000000,0.00006676186000
C7B3H2S2P2L1M3J2E1A1,RDF,OGAB,12,4,7,12,840,15,10,MEPDG,0.80660850000000,0.00667042100000
C7B3H2S2P2L1M3J2E1A2,RDF,OGAB,12,4,7,12,840,15,10,MNAVG,0.40459090000000,0.00113900400000
C7B3H2S2P2L1M3J2E1A3,RDF,OGAB,12,4,7,12,840,15,10,MNHVY,0.86838140000000,0.01229396000000
C7B3H2S2P2L1M3J2E2A1,RDF,OGAB,12,4,7,12,840,15,40,MEPDG,0.36421400000000,0.00059629610000
C7B3H2S2P2L1M3J2E2A2,RDF,OGAB,12,4,7,12,840,15,40,MNAVG,0.19114100000000,0.00009843241000
C7B3H2S2P2L1M3J2E2A3,RDF,OGAB,12,4,7,12,840,15,40,MNHVY,0.38111270000000,0.00109617300000
C7B3H2S2P2L2M1J1E1A1,RDF,OGAB,12,4,7,13,340,12,10,MEPDG,4.04431100000000,0.00023231610000
C7B3H2S2P2L2M1J1E1A2,RDF,OGAB,12,4,7,13,340,12,10,MNAVG,2.85416600000000,0.00004846512000
C7B3H2S2P2L2M1J1E1A3,RDF,OGAB,12,4,7,13,340,12,10,MNHVY,5.09702300000000,0.00045718780000
C7B3H2S2P2L2M1J1E2A1,RDF,OGAB,12,4,7,13,340,12,40,MEPDG,4.04431100000000,0.00023231610000
C7B3H2S2P2L2M1J1E2A2,RDF,OGAB,12,4,7,13,340,12,40,MNAVG,2.85416600000000,0.00004846512000
C7B3H2S2P2L2M1J1E2A3,RDF,OGAB,12,4,7,13,340,12,40,MNHVY,5.09702300000000,0.00045718780000
C7B3H2S2P2L2M1J2E1A1,RDF,OGAB,12,4,7,13,340,15,10,MEPDG,7.95384400000000,0.00000000065082
C7B3H2S2P2L2M1J2E1A2,RDF,OGAB,12,4,7,13,340,15,10,MNAVG,6.42622700000000,0.00000000007915
C7B3H2S2P2L2M1J2E1A3,RDF,OGAB,12,4,7,13,340,15,10,MNHVY,11.87432000000000,0.00000000100700
C7B3H2S2P2L2M1J2E2A1,RDF,OGAB,12,4,7,13,340,15,40,MEPDG,7.95384400000000,0.00000000065082
C7B3H2S2P2L2M1J2E2A2,RDF,OGAB,12,4,7,13,340,15,40,MNAVG,6.42622700000000,0.00000000007915
C7B3H2S2P2L2M1J2E2A3,RDF,OGAB,12,4,7,13,340,15,40,MNHVY,11.87432000000000,0.00000000100700
C7B3H2S2P2L2M2J1E1A1,RDF,OGAB,12,4,7,13,590,12,10,MEPDG,0.20514290000000,0.00011804980000
C7B3H2S2P2L2M2J1E1A2,RDF,OGAB,12,4,7,13,590,12,10,MNAVG,0.10355660000000,0.00001928232000
C7B3H2S2P2L2M2J1E1A3,RDF,OGAB,12,4,7,13,590,12,10,MNHVY,0.17087450000000,0.00021252610000
C7B3H2S2P2L2M2J1E2A1,RDF,OGAB,12,4,7,13,590,12,40,MEPDG,0.20514290000000,0.00011804980000
C7B3H2S2P2L2M2J1E2A2,RDF,OGAB,12,4,7,13,590,12,40,MNAVG,0.10355660000000,0.00001928232000
C7B3H2S2P2L2M2J1E2A3,RDF,OGAB,12,4,7,13,590,12,40,MNHVY,0.17087450000000,0.00021252610000
C7B3H2S2P2L2M2J2E1A1,RDF,OGAB,12,4,7,13,590,15,10,MEPDG,0.71612210000000,0.00010106020000
C7B3H2S2P2L2M2J2E1A2,RDF,OGAB,12,4,7,13,590,15,10,MNAVG,0.47851780000000,0.00002110294000
C7B3H2S2P2L2M2J2E1A3,RDF,OGAB,12,4,7,13,590,15,10,MNHVY,0.91193930000000,0.00020087800000
C7B3H2S2P2L2M2J2E2A1,RDF,OGAB,12,4,7,13,590,15,40,MEPDG,0.71612210000000,0.00010106020000
C7B3H2S2P2L2M2J2E2A2,RDF,OGAB,12,4,7,13,590,15,40,MNAVG,0.47851780000000,0.00002110294000
C7B3H2S2P2L2M2J2E2A3,RDF,OGAB,12,4,7,13,590,15,40,MNHVY,0.91193930000000,0.00020087800000
C7B3H2S2P2L2M3J1E1A1,RDF,OGAB,12,4,7,13,840,12,10,MEPDG,0.01597685000000,0.00001937089000
C7B3H2S2P2L2M3J1E1A2,RDF,OGAB,12,4,7,13,840,12,10,MNAVG,0.00592571300000,0.00000205355900
C7B3H2S2P2L2M3J1E1A3,RDF,OGAB,12,4,7,13,840,12,10,MNHVY,0.00868292000000,0.00002655081000
```

```
C7B3H2S2P2L2M3J1E2A1,RDF,OGAB,12,4,7,13,840,12,40,MEPDG,0.01597685000000,0.00001937089000
C7B3H2S2P2L2M3J1E2A2,RDF,OGAB,12,4,7,13,840,12,40,MNAVG,0.00592571300000,0.00000205355900
C7B3H2S2P2L2M3J1E2A3,RDF,OGAB,12,4,7,13,840,12,40,MNHVY,0.00868292000000,0.00002655081000
C7B3H2S2P2L2M3J2E1A1,RDF,OGAB,12,4,7,13,840,15,10,MEPDG,0.08755111000000,0.00011042150000
C7B3H2S2P2L2M3J2E1A2,RDF,OGAB,12,4,7,13,840,15,10,MNAVG,0.04593901000000,0.00001823221000
C7B3H2S2P2L2M3J2E1A3,RDF,OGAB,12,4,7,13,840,15,10,MNHVY,0.09124105000000,0.00020348370000
C7B3H2S2P2L2M3J2E2A1,RDF,OGAB,12,4,7,13,840,15,40,MEPDG,0.08755111000000,0.00011042150000
C7B3H2S2P2L2M3J2E2A2,RDF,OGAB,12,4,7,13,840,15,40,MNAVG,0.04593901000000,0.00001823221000
C7B3H2S2P2L2M3J2E2A3,RDF,OGAB,12,4,7,13,840,15,40,MNHVY,0.09124105000000,0.00020348370000
C7B3H2S2P3L1M1J1E1A1,RDF,OGAB,12,4,8,12,340,12,10,MEPDG,10.78607000000000,0.00173448100000
C7B3H2S2P3L1M1J1E1A2,RDF,OGAB,12,4,8,12,340,12,10,MNAVG,6.69076800000000,0.00036172010000
C7B3H2S2P3L1M1J1E1A3,RDF,OGAB,12,4,8,12,340,12,10,MNHVY,12.10904000000000,0.00351702400000
C7B3H2S2P3L1M1J1E2A1,RDF,OGAB,12,4,8,12,340,12,40,MEPDG,5.60633000000000,0.00173780700000
C7B3H2S2P3L1M1J1E2A2,RDF,OGAB,12,4,8,12,340,12,40,MNAVG,3.47515700000000,0.00035039400000
C7B3H2S2P3L1M1J1E2A3,RDF,OGAB,12,4,8,12,340,12,40,MNHVY,6.07351400000000,0.00346989900000
C7B3H2S2P3L1M1J2E1A1,RDF,OGAB,12,4,8,12,340,15,10,MEPDG,24.36755000000000,0.00186286700000
C7B3H2S2P3L1M1J2E1A2,RDF,OGAB,12,4,8,12,340,15,10,MNAVG,17.90648000000000,0.00043922560000
C7B3H2S2P3L1M1J2E1A3,RDF,OGAB,12,4,8,12,340,15,10,MNHVY,34.70576000000000,0.00381237400000
C7B3H2S2P3L1M1J2E2A1,RDF,OGAB,12,4,8,12,340,15,40,MEPDG,13.97657000000000,0.00124530900000
C7B3H2S2P3L1M1J2E2A2,RDF,OGAB,12,4,8,12,340,15,40,MNAVG,10.45306000000000,0.00028978770000
C7B3H2S2P3L1M1J2E2A3,RDF,OGAB,12,4,8,12,340,15,40,MNHVY,19.77547000000000,0.00252981700000
C7B3H2S2P3L1M2J1E1A1,RDF,OGAB,12,4,8,12,590,12,10,MEPDG,0.43134150000000,0.00058152610000
C7B3H2S2P3L1M2J1E1A2,RDF,OGAB,12,4,8,12,590,12,10,MNAVG,0.16384360000000,0.00010046070000
C7B3H2S2P3L1M2J1E1A3,RDF,OGAB,12,4,8,12,590,12,10,MNHVY,0.27612930000000,0.00110634800000
C7B3H2S2P3L1M2J1E2A1,RDF,OGAB,12,4,8,12,590,12,40,MEPDG,0.17655160000000,0.00042024170000
C7B3H2S2P3L1M2J1E2A2,RDF,OGAB,12,4,8,12,590,12,40,MNAVG,0.06944138000000,0.00006662111000
C7B3H2S2P3L1M2J1E2A3,RDF,OGAB,12,4,8,12,590,12,40,MNHVY,0.10622210000000,0.00076037900000
C7B3H2S2P3L1M2J2E1A1,RDF,OGAB,12,4,8,12,590,15,10,MEPDG,1.81924300000000,0.02716267000000
C7B3H2S2P3L1M2J2E1A2,RDF,OGAB,12,4,8,12,590,15,10,MNAVG,0.95199020000000,0.00542499500000
C7B3H2S2P3L1M2J2E1A3,RDF,OGAB,12,4,8,12,590,15,10,MNHVY,2.03768400000000,0.05467342000000
C7B3H2S2P3L1M2J2E2A1,RDF,OGAB,12,4,8,12,590,15,40,MEPDG,0.85624340000000,0.00831700600000
C7B3H2S2P3L1M2J2E2A2,RDF,OGAB,12,4,8,12,590,15,40,MNAVG,0.47082740000000,0.00162978300000
C7B3H2S2P3L1M2J2E2A3,RDF,OGAB,12,4,8,12,590,15,40,MNHVY,0.93811460000000,0.01656407000000
C7B3H2S2P3L1M3J1E1A1,RDF,OGAB,12,4,8,12,840,12,10,MEPDG,0.02746024000000,0.00012164840000
C7B3H2S2P3L1M3J1E1A2,RDF,OGAB,12,4,8,12,840,12,10,MNAVG,0.00737604600000,0.00001512946000
C7B3H2S2P3L1M3J1E1A3,RDF,OGAB,12,4,8,12,840,12,10,MNHVY,0.01034862000000,0.00018943850000
C7B3H2S2P3L1M3J1E2A1,RDF,OGAB,12,4,8,12,840,12,40,MEPDG,0.00911794000000,0.00021657320000
C7B3H2S2P3L1M3J1E2A2,RDF,OGAB,12,4,8,12,840,12,40,MNAVG,0.00266824100000,0.00002204578000
C7B3H2S2P3L1M3J1E2A3,RDF,OGAB,12,4,8,12,840,12,40,MNHVY,0.00328714000000,0.00028608200000
C7B3H2S2P3L1M3J2E1A1,RDF,OGAB,12,4,8,12,840,15,10,MEPDG,0.18558770000000,0.00753526200000
C7B3H2S2P3L1M3J2E1A2,RDF,OGAB,12,4,8,12,840,15,10,MNAVG,0.06729329000000,0.00121203900000
C7B3H2S2P3L1M3J2E1A3,RDF,OGAB,12,4,8,12,840,15,10,MNHVY,0.15408180000000,0.01371508000000
C7B3H2S2P3L1M3J2E2A1,RDF,OGAB,12,4,8,12,840,15,40,MEPDG,0.07244458000000,0.00104187800000
C7B3H2S2P3L1M3J2E2A2,RDF,OGAB,12,4,8,12,840,15,40,MNAVG,0.02831936000000,0.00016274100000
C7B3H2S2P3L1M3J2E2A3,RDF,OGAB,12,4,8,12,840,15,40,MNHVY,0.05748115000000,0.00189253400000
C7B3H2S2P3L2M1J1E1A1,RDF,OGAB,12,4,8,13,340,12,10,MEPDG,1.37644000000000,0.00099412540000
C7B3H2S2P3L2M1J1E1A2,RDF,OGAB,12,4,8,13,340,12,10,MNAVG,0.83605060000000,0.00020379590000
C7B3H2S2P3L2M1J1E1A3,RDF,OGAB,12,4,8,13,340,12,10,MNHVY,1.45896500000000,0.00199076600000
C7B3H2S2P3L2M1J1E2A1,RDF,OGAB,12,4,8,13,340,12,40,MEPDG,1.37644000000000,0.00099412540000
C7B3H2S2P3L2M1J1E2A2,RDF,OGAB,12,4,8,13,340,12,40,MNAVG,0.83605060000000,0.00020379590000
```

```
C7B3H2S2P3L2M1J1E2A3,RDF,OGAB,12,4,8,13,340,12,40,MNHVY,1.45896500000000,0.00199076600000
C7B3H2S2P3L2M1J2E1A1,RDF,OGAB,12,4,8,13,340,15,10,MEPDG,3.81555300000000,0.00076393610000
C7B3H2S2P3L2M1J2E1A2,RDF,OGAB,12,4,8,13,340,15,10,MNAVG,2.86505400000000,0.00018033900000
C7B3H2S2P3L2M1J2E1A3,RDF,OGAB,12,4,8,13,340,15,10,MNHVY,5.40296800000000,0.00155221400000
C7B3H2S2P3L2M1J2E2A1,RDF,OGAB,12,4,8,13,340,15,40,MEPDG,3.81555300000000,0.00076393610000
C7B3H2S2P3L2M1J2E2A2,RDF,OGAB,12,4,8,13,340,15,40,MNAVG,2.86505400000000,0.00018033900000
C7B3H2S2P3L2M1J2E2A3,RDF,OGAB,12,4,8,13,340,15,40,MNHVY,5.40296800000000,0.00155221400000
C7B3H2S2P3L2M2J1E1A1,RDF,OGAB,12,4,8,13,590,12,10,MEPDG,0.03843981000000,0.00019219910000
C7B3H2S2P3L2M2J1E1A2,RDF,OGAB,12,4,8,13,590,12,10,MNAVG,0.01491709000000,0.00003060289000
C7B3H2S2P3L2M2J1E1A3,RDF,OGAB,12,4,8,13,590,12,10,MNHVY,0.02238719000000,0.00034684340000
C7B3H2S2P3L2M2J1E2A1,RDF,OGAB,12,4,8,13,590,12,40,MEPDG,0.03843981000000,0.00019219910000
C7B3H2S2P3L2M2J1E2A2,RDF,OGAB,12,4,8,13,590,12,40,MNAVG,0.01491709000000,0.00003060289000
C7B3H2S2P3L2M2J1E2A3,RDF,OGAB,12,4,8,13,590,12,40,MNHVY,0.02238719000000,0.00034684340000
C7B3H2S2P3L2M2J2E1A1,RDF,OGAB,12,4,8,13,590,15,10,MEPDG,0.21211110000000,0.00067027150000
C7B3H2S2P3L2M2J2E1A2,RDF,OGAB,12,4,8,13,590,15,10,MNAVG,0.11711820000000,0.00013624730000
C7B3H2S2P3L2M2J2E1A3,RDF,OGAB,12,4,8,13,590,15,10,MNHVY,0.23160620000000,0.00135312700000
C7B3H2S2P3L2M2J2E2A1,RDF,OGAB,12,4,8,13,590,15,40,MEPDG,0.21211110000000,0.00067027150000
C7B3H2S2P3L2M2J2E2A2,RDF,OGAB,12,4,8,13,590,15,40,MNAVG,0.11711820000000,0.00013624730000
C7B3H2S2P3L2M2J2E2A3,RDF,OGAB,12,4,8,13,590,15,40,MNHVY,0.23160620000000,0.00135312700000
C7B3H2S2P3L2M3J1E1A1,RDF,OGAB,12,4,8,13,840,12,10,MEPDG,0.00178807300000,0.00003850160000
C7B3H2S2P3L2M3J1E1A2,RDF,OGAB,12,4,8,13,840,12,10,MNAVG,0.00052839030000,0.00000386748800
C7B3H2S2P3L2M3J1E1A3,RDF,OGAB,12,4,8,13,840,12,10,MNHVY,0.00062516170000,0.00005061082000
C7B3H2S2P3L2M3J1E2A1,RDF,OGAB,12,4,8,13,840,12,40,MEPDG,0.00178807300000,0.00003850160000
C7B3H2S2P3L2M3J1E2A2,RDF,OGAB,12,4,8,13,840,12,40,MNAVG,0.00052839030000,0.00000386748800
C7B3H2S2P3L2M3J1E2A3,RDF,OGAB,12,4,8,13,840,12,40,MNHVY,0.00062516170000,0.00005061082000
C7B3H2S2P3L2M3J2E1A1,RDF,OGAB,12,4,8,13,840,15,10,MEPDG,0.01628094000000,0.00157475300000
C7B3H2S2P3L2M3J2E1A2,RDF,OGAB,12,4,8,13,840,15,10,MNAVG,0.00638999100000,0.00023968930000
C7B3H2S2P3L2M3J2E1A3,RDF,OGAB,12,4,8,13,840,15,10,MNHVY,0.01272502000000,0.00274643800000
C7B3H2S2P3L2M3J2E2A1,RDF,OGAB,12,4,8,13,840,15,40,MEPDG,0.01628094000000,0.00157475300000
C7B3H2S2P3L2M3J2E2A2,RDF,OGAB,12,4,8,13,840,15,40,MNAVG,0.00638999100000,0.00023968930000
C7B3H2S2P3L2M3J2E2A3,RDF,OGAB,12,4,8,13,840,15,40,MNHVY,0.01272502000000,0.00274643800000
C7B3H2S2P4L1M1J1E1A1,RDF,OGAB,12,4,9,12,340,12,10,MEPDG,3.59035400000000,0.00440793300000
C7B3H2S2P4L1M1J1E1A2,RDF,OGAB,12,4,9,12,340,12,10,MNAVG,1.77759000000000,0.00086718720000
C7B3H2S2P4L1M1J1E1A3,RDF,OGAB,12,4,9,12,340,12,10,MNHVY,3.20429900000000,0.00899077400000
C7B3H2S2P4L1M1J1E2A1,RDF,OGAB,12,4,9,12,340,12,40,MEPDG,1.69000800000000,0.00319618700000
C7B3H2S2P4L1M1J1E2A2,RDF,OGAB,12,4,9,12,340,12,40,MNAVG,0.85068110000000,0.00061015640000
C7B3H2S2P4L1M1J1E2A3,RDF,OGAB,12,4,9,12,340,12,40,MNHVY,1.43404700000000,0.00639898200000
C7B3H2S2P4L1M1J2E1A1,RDF,OGAB,12,4,9,12,340,15,10,MEPDG,10.82816000000000,0.00645923800000
C7B3H2S2P4L1M1J2E1A2,RDF,OGAB,12,4,9,12,340,15,10,MNAVG,6.91240100000000,0.00146688700000
C7B3H2S2P4L1M1J2E1A3,RDF,OGAB,12,4,9,12,340,15,10,MNHVY,14.08825000000000,0.01347106000000
C7B3H2S2P4L1M1J2E2A1,RDF,OGAB,12,4,9,12,340,15,40,MEPDG,5.77023600000000,0.00618677700000
C7B3H2S2P4L1M1J2E2A2,RDF,OGAB,12,4,9,12,340,15,40,MNAVG,3.82333900000000,0.00138587800000
C7B3H2S2P4L1M1J2E2A3,RDF,OGAB,12,4,9,12,340,15,40,MNHVY,7.43224600000000,0.01280072000000
C7B3H2S2P4L1M2J1E1A1,RDF,OGAB,12,4,9,12,590,12,10,MEPDG,0.08286691000000,0.00079508560000
C7B3H2S2P4L1M2J1E1A2,RDF,OGAB,12,4,9,12,590,12,10,MNAVG,0.02347660000000,0.00012482580000
C7B3H2S2P4L1M2J1E1A3,RDF,OGAB,12,4,9,12,590,12,10,MNHVY,0.03542431000000,0.00146778100000
C7B3H2S2P4L1M2J1E2A1,RDF,OGAB,12,4,9,12,590,12,40,MEPDG,0.02939556000000,0.00056267100000
C7B3H2S2P4L1M2J1E2A2,RDF,OGAB,12,4,9,12,590,12,40,MNAVG,0.00895454600000,0.00008167425000
C7B3H2S2P4L1M2J1E2A3,RDF,OGAB,12,4,9,12,590,12,40,MNHVY,0.01191725000000,0.00098030570000
C7B3H2S2P4L1M2J2E1A1,RDF,OGAB,12,4,9,12,590,15,10,MEPDG,0.48794480000000,0.04278903000000
```

```
C7B3H2S2P4L1M2J2E1A2,RDF,OGAB,12,4,9,12,590,15,10,MNAVG,0.19447960000000,0.00780134600000
C7B3H2S2P4L1M2J2E1A3,RDF,OGAB,12,4,9,12,590,15,10,MNHVY,0.43291180000000,0.08450283000000
C7B3H2S2P4L1M2J2E2A1,RDF,OGAB,12,4,9,12,590,15,40,MEPDG,0.20345080000000,0.00605027100000
C7B3H2S2P4L1M2J2E2A2,RDF,OGAB,12,4,9,12,590,15,40,MNAVG,0.08717296000000,0.00113525600000
C7B3H2S2P4L1M2J2E2A3,RDF,OGAB,12,4,9,12,590,15,40,MNHVY,0.17430760000000,0.01210478000000
C7B3H2S2P4L1M3J1E1A1,RDF,OGAB,12,4,9,12,840,12,10,MEPDG,0.00346436100000,0.00011500140000
C7B3H2S2P4L1M3J1E1A2,RDF,OGAB,12,4,9,12,840,12,10,MNAVG,0.00077617370000,0.00001259950000
C7B3H2S2P4L1M3J1E1A3,RDF,OGAB,12,4,9,12,840,12,10,MNHVY,0.00087554870000,0.00016546210000
C7B3H2S2P4L1M3J1E2A1,RDF,OGAB,12,4,9,12,840,12,40,MEPDG,0.00096434030000,0.00008236351000
C7B3H2S2P4L1M3J1E2A2,RDF,OGAB,12,4,9,12,840,12,40,MNAVG,0.00025276130000,0.00000764294600
C7B3H2S2P4L1M3J1E2A3,RDF,OGAB,12,4,9,12,840,12,40,MNHVY,0.00024884820000,0.00010277310000
C7B3H2S2P4L1M3J2E1A1,RDF,OGAB,12,4,9,12,840,15,10,MEPDG,0.03147163000000,0.00325211900000
C7B3H2S2P4L1M3J2E1A2,RDF,OGAB,12,4,9,12,840,15,10,MNAVG,0.00815851100000,0.00049574970000
C7B3H2S2P4L1M3J2E1A3,RDF,OGAB,12,4,9,12,840,15,10,MNHVY,0.01783933000000,0.00589497200000
C7B3H2S2P4L1M3J2E2A1,RDF,OGAB,12,4,9,12,840,15,40,MEPDG,0.01062769000000,0.00047517690000
C7B3H2S2P4L1M3J2E2A2,RDF,OGAB,12,4,9,12,840,15,40,MNAVG,0.00308847000000,0.00006774632000
C7B3H2S2P4L1M3J2E2A3,RDF,OGAB,12,4,9,12,840,15,40,MNHVY,0.00573337400000,0.00083172210000
C7B3H2S2P4L2M1J1E1A1,RDF,OGAB,12,4,9,13,340,12,10,MEPDG,0.39572870000000,0.00191199900000
C7B3H2S2P4L2M1J1E1A2,RDF,OGAB,12,4,9,13,340,12,10,MNAVG,0.19544100000000,0.00037204400000
C7B3H2S2P4L2M1J1E1A3,RDF,OGAB,12,4,9,13,340,12,10,MNHVY,0.32587020000000,0.00384641000000
C7B3H2S2P4L2M1J1E2A1,RDF,OGAB,12,4,9,13,340,12,40,MEPDG,0.39572870000000,0.00191199900000
C7B3H2S2P4L2M1J1E2A2,RDF,OGAB,12,4,9,13,340,12,40,MNAVG,0.19544100000000,0.00037204400000
C7B3H2S2P4L2M1J1E2A3,RDF,OGAB,12,4,9,13,340,12,40,MNHVY,0.32587020000000,0.00384641000000
C7B3H2S2P4L2M1J2E1A1,RDF,OGAB,12,4,9,13,340,15,10,MEPDG,1.53062700000000,0.00391354400000
C7B3H2S2P4L2M1J2E1A2,RDF,OGAB,12,4,9,13,340,15,10,MNAVG,1.02082300000000,0.00089027170000
C7B3H2S2P4L2M1J2E1A3,RDF,OGAB,12,4,9,13,340,15,10,MNHVY,1.96985900000000,0.00808845800000
C7B3H2S2P4L2M1J2E2A1,RDF,OGAB,12,4,9,13,340,15,40,MEPDG,1.53062700000000,0.00391354400000
C7B3H2S2P4L2M1J2E2A2,RDF,OGAB,12,4,9,13,340,15,40,MNAVG,1.02082300000000,0.00089027170000
C7B3H2S2P4L2M1J2E2A3,RDF,OGAB,12,4,9,13,340,15,40,MNHVY,1.96985900000000,0.00808845800000
C7B3H2S2P4L2M2J1E1A1,RDF,OGAB,12,4,9,13,590,12,10,MEPDG,0.00599714100000,0.00026379970000
C7B3H2S2P4L2M2J1E1A2,RDF,OGAB,12,4,9,13,590,12,10,MNAVG,0.00183639300000,0.00003823759000
C7B3H2S2P4L2M2J1E1A3,RDF,OGAB,12,4,9,13,590,12,10,MNHVY,0.00236397600000,0.00045749650000
C7B3H2S2P4L2M2J1E2A1,RDF,OGAB,12,4,9,13,590,12,40,MEPDG,0.00599714100000,0.00026379970000
C7B3H2S2P4L2M2J1E2A2,RDF,OGAB,12,4,9,13,590,12,40,MNAVG,0.00183639300000,0.00003823759000
C7B3H2S2P4L2M2J1E2A3,RDF,OGAB,12,4,9,13,590,12,40,MNHVY,0.00236397600000,0.00045749650000
C7B3H2S2P4L2M2J2E1A1,RDF,OGAB,12,4,9,13,590,15,10,MEPDG,0.04746376000000,0.00097758580000
C7B3H2S2P4L2M2J2E1A2,RDF,OGAB,12,4,9,13,590,15,10,MNAVG,0.02046872000000,0.00018766560000
C7B3H2S2P4L2M2J2E1A3,RDF,OGAB,12,4,9,13,590,15,10,MNHVY,0.04018791000000,0.00196925400000
C7B3H2S2P4L2M2J2E2A1,RDF,OGAB,12,4,9,13,590,15,40,MEPDG,0.04746376000000,0.00097758580000
C7B3H2S2P4L2M2J2E2A2,RDF,OGAB,12,4,9,13,590,15,40,MNAVG,0.02046872000000,0.00018766560000
C7B3H2S2P4L2M2J2E2A3,RDF,OGAB,12,4,9,13,590,15,40,MNHVY,0.04018791000000,0.00196925400000
C7B3H2S2P4L2M3J1E1A1,RDF,OGAB,12,4,9,13,840,12,10,MEPDG,0.00017381610000,0.00003517373000
C7B3H2S2P4L2M3J1E1A2,RDF,OGAB,12,4,9,13,840,12,10,MNAVG,0.00004729392000,0.00000314584000
C7B3H2S2P4L2M3J1E1A3,RDF,OGAB,12,4,9,13,840,12,10,MNHVY,0.00004430153000,0.00004237844000
C7B3H2S2P4L2M3J1E2A1,RDF,OGAB,12,4,9,13,840,12,40,MEPDG,0.00017381610000,0.00003517373000
C7B3H2S2P4L2M3J1E2A2,RDF,OGAB,12,4,9,13,840,12,40,MNAVG,0.00004729392000,0.00000314584000
C7B3H2S2P4L2M3J1E2A3,RDF,OGAB,12,4,9,13,840,12,40,MNHVY,0.00004430153000,0.00004237844000
C7B3H2S2P4L2M3J2E1A1,RDF,OGAB,12,4,9,13,840,15,10,MEPDG,0.00221464100000,0.00023759050000
C7B3H2S2P4L2M3J2E1A2,RDF,OGAB,12,4,9,13,840,15,10,MNAVG,0.00065383340000,0.00003361804000
C7B3H2S2P4L2M3J2E1A3,RDF,OGAB,12,4,9,13,840,15,10,MNHVY,0.00117058800000,0.00041163690000
```

```
C7B3H2S2P4L2M3J2E2A1,RDF,OGAB,12,4,9,13,840,15,40,MEPDG,0.00221464100000,0.00023759050000
C7B3H2S2P4L2M3J2E2A2,RDF,OGAB,12,4,9,13,840,15,40,MNAVG,0.00065383340000,0.00003361804000
C7B3H2S2P4L2M3J2E2A3,RDF,OGAB,12,4,9,13,840,15,40,MNHVY,0.00117058800000,0.00041163690000
C7B3H2S2P5L1M1J1E1A1,RDF,OGAB,12,4,10,12,340,12,10,MEPDG,1.06413800000000,0.00857538300000
C7B3H2S2P5L1M1J1E1A2,RDF,OGAB,12,4,10,12,340,12,10,MNAVG,0.40622580000000,0.00152990400000
C7B3H2S2P5L1M1J1E1A3,RDF,OGAB,12,4,10,12,340,12,10,MNHVY,0.70830760000000,0.01728195000000
C7B3H2S2P5L1M1J1E2A1,RDF,OGAB,12,4,10,12,340,12,40,MEPDG,0.44941830000000,0.00590833900000
C7B3H2S2P5L1M1J1E2A2,RDF,OGAB,12,4,10,12,340,12,40,MNAVG,0.17790580000000,0.00103245700000
C7B3H2S2P5L1M1J1E2A3,RDF,OGAB,12,4,10,12,340,12,40,MNHVY,0.28063730000000,0.01166122000000
C7B3H2S2P5L1M1J2E1A1,RDF,OGAB,12,4,10,12,340,15,10,MEPDG,4.15469000000000,0.01471885000000
C7B3H2S2P5L1M1J2E1A2,RDF,OGAB,12,4,10,12,340,15,10,MNAVG,2.21109600000000,0.00312702700000
C7B3H2S2P5L1M1J2E1A3,RDF,OGAB,12,4,10,12,340,15,10,MNHVY,4.70115300000000,0.03096235000000
C7B3H2S2P5L1M1J2E2A1,RDF,OGAB,12,4,10,12,340,15,40,MEPDG,2.03234300000000,0.01144533000000
C7B3H2S2P5L1M1J2E2A2,RDF,OGAB,12,4,10,12,340,15,40,MNAVG,1.14369200000000,0.00241791600000
C7B3H2S2P5L1M1J2E2A3,RDF,OGAB,12,4,10,12,340,15,40,MNHVY,2.26309400000000,0.02385324000000
C7B3H2S2P5L1M2J1E1A1,RDF,OGAB,12,4,10,12,590,12,10,MEPDG,0.01458224000000,0.00079130740000
C7B3H2S2P5L1M2J1E1A2,RDF,OGAB,12,4,10,12,590,12,10,MNAVG,0.00331868100000,0.00010566380000
C7B3H2S2P5L1M2J1E1A3,RDF,OGAB,12,4,10,12,590,12,10,MNHVY,0.00425184300000,0.00136373200000
C7B3H2S2P5L1M2J1E2A1,RDF,OGAB,12,4,10,12,590,12,40,MEPDG,0.00447947800000,0.00156956600000
C7B3H2S2P5L1M2J1E2A2,RDF,OGAB,12,4,10,12,590,12,40,MNAVG,0.00116622300000,0.00018148540000
C7B3H2S2P5L1M2J1E2A3,RDF,OGAB,12,4,10,12,590,12,40,MNHVY,0.00129990600000,0.00236235200000
C7B3H2S2P5L1M2J2E1A1,RDF,OGAB,12,4,10,12,590,15,10,MEPDG,0.10729370000000,0.02366521000000
C7B3H2S2P5L1M2J2E1A2,RDF,OGAB,12,4,10,12,590,15,10,MNAVG,0.03160222000000,0.00400577200000
C7B3H2S2P5L1M2J2E1A3,RDF,OGAB,12,4,10,12,590,15,10,MNHVY,0.06885122000000,0.04611944000000
C7B3H2S2P5L1M2J2E2A1,RDF,OGAB,12,4,10,12,590,15,40,MEPDG,0.03961568000000,0.00226477000000
C7B3H2S2P5L1M2J2E2A2,RDF,OGAB,12,4,10,12,590,15,40,MNAVG,0.01293286000000,0.00039664990000
C7B3H2S2P5L1M2J2E2A3,RDF,OGAB,12,4,10,12,590,15,40,MNHVY,0.02452355000000,0.00447365800000
C7B3H2S2P5L1M3J1E1A1,RDF,OGAB,12,4,10,12,840,12,10,MEPDG,0.00044676810000,0.00010509290000
C7B3H2S2P5L1M3J1E1A2,RDF,OGAB,12,4,10,12,840,12,10,MNAVG,0.00009021857000,0.00000916390300
C7B3H2S2P5L1M3J1E1A3,RDF,OGAB,12,4,10,12,840,12,10,MNHVY,0.00008366396000,0.00012935400000
C7B3H2S2P5L1M3J1E2A1,RDF,OGAB,12,4,10,12,840,12,40,MEPDG,0.00010684320000,0.00004857045000
C7B3H2S2P5L1M3J1E2A2,RDF,OGAB,12,4,10,12,840,12,40,MNAVG,0.00002677044000,0.00000386605200
C7B3H2S2P5L1M3J1E2A3,RDF,OGAB,12,4,10,12,840,12,40,MNHVY,0.00002193832000,0.00005460882000
C7B3H2S2P5L1M3J2E1A1,RDF,OGAB,12,4,10,12,840,15,10,MEPDG,0.00428462900000,0.00182256400000
C7B3H2S2P5L1M3J2E1A2,RDF,OGAB,12,4,10,12,840,15,10,MNAVG,0.00083332500000,0.00024727220000
C7B3H2S2P5L1M3J2E1A3,RDF,OGAB,12,4,10,12,840,15,10,MNHVY,0.00152044200000,0.00312192000000
C7B3H2S2P5L1M3J2E2A1,RDF,OGAB,12,4,10,12,840,15,40,MEPDG,0.00125883100000,0.00066971200000
C7B3H2S2P5L1M3J2E2A2,RDF,OGAB,12,4,10,12,840,15,40,MNAVG,0.00028829470000,0.00008665016000
C7B3H2S2P5L1M3J2E2A3,RDF,OGAB,12,4,10,12,840,15,40,MNHVY,0.00044243230000,0.00110534200000
C7B3H2S2P5L2M1J1E1A1,RDF,OGAB,12,4,10,13,340,12,10,MEPDG,0.09999424000000,0.00302227300000
C7B3H2S2P5L2M1J1E1A2,RDF,OGAB,12,4,10,13,340,12,10,MNAVG,0.03910026000000,0.00053208550000
C7B3H2S2P5L2M1J1E1A3,RDF,OGAB,12,4,10,13,340,12,10,MNHVY,0.06027859000000,0.00598340700000
C7B3H2S2P5L2M1J1E2A1,RDF,OGAB,12,4,10,13,340,12,40,MEPDG,0.09999424000000,0.00302227300000
C7B3H2S2P5L2M1J1E2A2,RDF,OGAB,12,4,10,13,340,12,40,MNAVG,0.03910026000000,0.00053208550000
C7B3H2S2P5L2M1J1E2A3,RDF,OGAB,12,4,10,13,340,12,40,MNHVY,0.06027859000000,0.00598340700000
C7B3H2S2P5L2M1J2E1A1,RDF,OGAB,12,4,10,13,340,15,10,MEPDG,0.51656510000000,0.00714070900000
C7B3H2S2P5L2M1J2E1A2,RDF,OGAB,12,4,10,13,340,15,10,MNAVG,0.29306290000000,0.00153139500000
C7B3H2S2P5L2M1J2E1A3,RDF,OGAB,12,4,10,13,340,15,10,MNHVY,0.57242470000000,0.01488161000000
C7B3H2S2P5L2M1J2E2A1,RDF,OGAB,12,4,10,13,340,15,40,MEPDG,0.51656510000000,0.00714070900000
C7B3H2S2P5L2M1J2E2A2,RDF,OGAB,12,4,10,13,340,15,40,MNAVG,0.29306290000000,0.00153139500000
```

```
C7B3H2S2P5L2M1J2E2A3,RDF,OGAB,12,4,10,13,340,15,40,MNHVY,0.57242470000000,0.01488161000000
C7B3H2S2P5L2M2J1E1A1,RDF,OGAB,12,4,10,13,590,12,10,MEPDG,0.00085748280000,0.00024505900000
C7B3H2S2P5L2M2J1E1A2,RDF,OGAB,12,4,10,13,590,12,10,MNAVG,0.00022985120000,0.00003066767000
C7B3H2S2P5L2M2J1E1A3,RDF,OGAB,12,4,10,13,590,12,10,MNHVY,0.00024593050000,0.00039560170000
C7B3H2S2P5L2M2J1E2A1,RDF,OGAB,12,4,10,13,590,12,40,MEPDG,0.00085748280000,0.00024505900000
C7B3H2S2P5L2M2J1E2A2,RDF,OGAB,12,4,10,13,590,12,40,MNAVG,0.00022985120000,0.00003066767000
C7B3H2S2P5L2M2J1E2A3,RDF,OGAB,12,4,10,13,590,12,40,MNHVY,0.00024593050000,0.00039560170000
C7B3H2S2P5L2M2J2E1A1,RDF,OGAB,12,4,10,13,590,15,10,MEPDG,0.00864413300000,0.00125151200000
C7B3H2S2P5L2M2J2E1A2,RDF,OGAB,12,4,10,13,590,15,10,MNAVG,0.00286046200000,0.00022146310000
C7B3H2S2P5L2M2J2E1A3,RDF,OGAB,12,4,10,13,590,15,10,MNHVY,0.00525732000000,0.00247396200000
C7B3H2S2P5L2M2J2E2A1,RDF,OGAB,12,4,10,13,590,15,40,MEPDG,0.00864413300000,0.00125151200000
C7B3H2S2P5L2M2J2E2A2,RDF,OGAB,12,4,10,13,590,15,40,MNAVG,0.00286046200000,0.00022146310000
C7B3H2S2P5L2M2J2E2A3,RDF,OGAB,12,4,10,13,590,15,40,MNHVY,0.00525732000000,0.00247396200000
C7B3H2S2P5L2M3J1E1A1,RDF,OGAB,12,4,10,13,840,12,10,MEPDG,0.00001826607000,0.00002220056000
C7B3H2S2P5L2M3J1E1A2,RDF,OGAB,12,4,10,13,840,12,10,MNAVG,0.00000483178200,0.00000170485200
C7B3H2S2P5L2M3J1E1A3,RDF,OGAB,12,4,10,13,840,12,10,MNHVY,0.00000381156000,0.00002411639000
C7B3H2S2P5L2M3J1E2A1,RDF,OGAB,12,4,10,13,840,12,40,MEPDG,0.00001826607000,0.00002220056000
C7B3H2S2P5L2M3J1E2A2,RDF,OGAB,12,4,10,13,840,12,40,MNAVG,0.00000483178200,0.00000170485200
C7B3H2S2P5L2M3J1E2A3,RDF,OGAB,12,4,10,13,840,12,40,MNHVY,0.00000381156000,0.00002411639000
C7B3H2S2P5L2M3J2E1A1,RDF,OGAB,12,4,10,13,840,15,10,MEPDG,0.00024356960000,0.00019472570000
C7B3H2S2P5L2M3J2E1A2,RDF,OGAB,12,4,10,13,840,15,10,MNAVG,0.00005774398000,0.00002468779000
C7B3H2S2P5L2M3J2E1A3,RDF,OGAB,12,4,10,13,840,15,10,MNHVY,0.00008460233000,0.00031694110000
C7B3H2S2P5L2M3J2E2A1,RDF,OGAB,12,4,10,13,840,15,40,MEPDG,0.00024356960000,0.00019472570000
C7B3H2S2P5L2M3J2E2A2,RDF,OGAB,12,4,10,13,840,15,40,MNAVG,0.00005774398000,0.00002468779000
C7B3H2S2P5L2M3J2E2A3,RDF,OGAB,12,4,10,13,840,15,40,MNHVY,0.00008460233000,0.00031694110000
C7B3H2S2P6L1M1J1E1A1,RDF,OGAB,12,4,11,12,340,12,10,MEPDG,0.28558130000000,0.06916846000000
C7B3H2S2P6L1M1J1E1A2,RDF,OGAB,12,4,11,12,340,12,10,MNAVG,0.08388286000000,0.00945776000000
C7B3H2S2P6L1M1J1E1A3,RDF,OGAB,12,4,11,12,340,12,10,MNHVY,0.13553700000000,0.12150060000000
C7B3H2S2P6L1M1J1E2A1,RDF,OGAB,12,4,11,12,340,12,40,MEPDG,0.10786730000000,0.03738312000000
C7B3H2S2P6L1M1J1E2A2,RDF,OGAB,12,4,11,12,340,12,40,MNAVG,0.03386099000000,0.00510451000000
C7B3H2S2P6L1M1J1E2A3,RDF,OGAB,12,4,11,12,340,12,40,MNHVY,0.04814203000000,0.06483882000000
C7B3H2S2P6L1M1J2E1A1,RDF,OGAB,12,4,11,12,340,15,10,MEPDG,1.37675400000000,0.24179140000000
C7B3H2S2P6L1M1J2E1A2,RDF,OGAB,12,4,11,12,340,15,10,MNAVG,0.58818320000000,0.04416117000000
C7B3H2S2P6L1M1J2E1A3,RDF,OGAB,12,4,11,12,340,15,10,MNHVY,1.27503100000000,0.49219760000000
C7B3H2S2P6L1M1J2E2A1,RDF,OGAB,12,4,11,12,340,15,40,MEPDG,0.61291490000000,0.07227970000000
C7B3H2S2P6L1M1J2E2A2,RDF,OGAB,12,4,11,12,340,15,40,MNAVG,0.28181110000000,0.01378346000000
C7B3H2S2P6L1M1J2E2A3,RDF,OGAB,12,4,11,12,340,15,40,MNHVY,0.55462310000000,0.14830560000000
C7B3H2S2P6L1M2J1E1A1,RDF,OGAB,12,4,11,12,590,12,10,MEPDG,0.00262716400000,0.00138473600000
C7B3H2S2P6L1M2J1E1A2,RDF,OGAB,12,4,11,12,590,12,10,MNAVG,0.00052572760000,0.00014017970000
C7B3H2S2P6L1M2J1E1A3,RDF,OGAB,12,4,11,12,590,12,10,MNHVY,0.00057673890000,0.00197159900000
C7B3H2S2P6L1M2J1E2A1,RDF,OGAB,12,4,11,12,590,12,40,MEPDG,0.00070789920000,0.00039631210000
C7B3H2S2P6L1M2J1E2A2,RDF,OGAB,12,4,11,12,590,12,40,MNAVG,0.00017114030000,0.00004229364000
C7B3H2S2P6L1M2J1E2A3,RDF,OGAB,12,4,11,12,590,12,40,MNHVY,0.00016341220000,0.00058846380000
C7B3H2S2P6L1M2J2E1A1,RDF,OGAB,12,4,11,12,590,15,10,MEPDG,0.01986576000000,0.00324047100000
C7B3H2S2P6L1M2J2E1A2,RDF,OGAB,12,4,11,12,590,15,10,MNAVG,0.00442699400000,0.00051583040000
C7B3H2S2P6L1M2J2E1A3,RDF,OGAB,12,4,11,12,590,15,10,MNHVY,0.00857418700000,0.00630246600000
C7B3H2S2P6L1M2J2E2A1,RDF,OGAB,12,4,11,12,590,15,40,MEPDG,0.00643691400000,0.00215236700000
C7B3H2S2P6L1M2J2E2A2,RDF,OGAB,12,4,11,12,590,15,40,MNAVG,0.00164170000000,0.00033872620000
C7B3H2S2P6L1M2J2E2A3,RDF,OGAB,12,4,11,12,590,15,40,MNHVY,0.00269037200000,0.00410123700000
C7B3H2S2P6L1M3J1E1A1,RDF,OGAB,12,4,11,12,840,12,10,MEPDG,0.00006847800000,0.00004698632000
```

```
C7B3H2S2P6L1M3J1E1A2,RDF,OGAB,12,4,11,12,840,12,10,MNAVG,0.00001184741000,0.00000348749400
C7B3H2S2P6L1M3J1E1A3,RDF,OGAB,12,4,11,12,840,12,10,MNHVY,0.00001030695000,0.00005185014000
C7B3H2S2P6L1M3J1E2A1,RDF,OGAB,12,4,11,12,840,12,40,MEPDG,0.00001474082000,0.00002970934000
C7B3H2S2P6L1M3J1E2A2,RDF,OGAB,12,4,11,12,840,12,40,MNAVG,0.00000329447700,0.00000204785500
C7B3H2S2P6L1M3J1E2A3,RDF,OGAB,12,4,11,12,840,12,40,MNHVY,0.00000252296800,0.00003035715000
C7B3H2S2P6L1M3J2E1A1,RDF,OGAB,12,4,11,12,840,15,10,MEPDG,0.00050271040000,0.00039872330000
C7B3H2S2P6L1M3J2E1A2,RDF,OGAB,12,4,11,12,840,15,10,MNAVG,0.00008130444000,0.00004731987000
C7B3H2S2P6L1M3J2E1A3,RDF,OGAB,12,4,11,12,840,15,10,MNHVY,0.00011422010000,0.00064662050000
C7B3H2S2P6L1M3J2E2A1,RDF,OGAB,12,4,11,12,840,15,40,MEPDG,0.00012732660000,0.00027516130000
C7B3H2S2P6L1M3J2E2A2,RDF,OGAB,12,4,11,12,840,15,40,MNAVG,0.00002563138000,0.00003068268000
C7B3H2S2P6L1M3J2E2A3,RDF,OGAB,12,4,11,12,840,15,40,MNHVY,0.00003022435000,0.00041806290000
C7B3H2S2P6L2M1J1E1A1,RDF,OGAB,12,4,11,13,340,12,10,MEPDG,0.02275231000000,0.00388234700000
C7B3H2S2P6L2M1J1E1A2,RDF,OGAB,12,4,11,13,340,12,10,MNAVG,0.00715261700000,0.00060907040000
C7B3H2S2P6L2M1J1E1A3,RDF,OGAB,12,4,11,13,340,12,10,MNHVY,0.00981874300000,0.00742292700000
C7B3H2S2P6L2M1J1E2A1,RDF,OGAB,12,4,11,13,340,12,40,MEPDG,0.02275231000000,0.00388234700000
C7B3H2S2P6L2M1J1E2A2,RDF,OGAB,12,4,11,13,340,12,40,MNAVG,0.00715261700000,0.00060907040000
C7B3H2S2P6L2M1J1E2A3,RDF,OGAB,12,4,11,13,340,12,40,MNHVY,0.00981874300000,0.00742292700000
C7B3H2S2P6L2M1J2E1A1,RDF,OGAB,12,4,11,13,340,15,10,MEPDG,0.14769120000000,0.01273563000000
C7B3H2S2P6L2M1J2E1A2,RDF,OGAB,12,4,11,13,340,15,10,MNAVG,0.06857768000000,0.00254155100000
C7B3H2S2P6L2M1J2E1A3,RDF,OGAB,12,4,11,13,340,15,10,MNHVY,0.13229500000000,0.02645171000000
C7B3H2S2P6L2M1J2E2A1,RDF,OGAB,12,4,11,13,340,15,40,MEPDG,0.14769120000000,0.01273563000000
C7B3H2S2P6L2M1J2E2A2,RDF,OGAB,12,4,11,13,340,15,40,MNAVG,0.06857768000000,0.00254155100000
C7B3H2S2P6L2M1J2E2A3,RDF,OGAB,12,4,11,13,340,15,40,MNHVY,0.13229500000000,0.02645171000000
C7B3H2S2P6L2M2J1E1A1,RDF,OGAB,12,4,11,13,590,12,10,MEPDG,0.00012781110000,0.00032730840000
C7B3H2S2P6L2M2J1E1A2,RDF,OGAB,12,4,11,13,590,12,10,MNAVG,0.00003239799000,0.00003347098000
C7B3H2S2P6L2M2J1E1A3,RDF,OGAB,12,4,11,13,590,12,10,MNHVY,0.00002966049000,0.00046502920000
C7B3H2S2P6L2M2J1E2A1,RDF,OGAB,12,4,11,13,590,12,40,MEPDG,0.00012781110000,0.00032730840000
C7B3H2S2P6L2M2J1E2A2,RDF,OGAB,12,4,11,13,590,12,40,MNAVG,0.00003239799000,0.00003347098000
C7B3H2S2P6L2M2J1E2A3,RDF,OGAB,12,4,11,13,590,12,40,MNHVY,0.00002966049000,0.00046502920000
C7B3H2S2P6L2M2J2E1A1,RDF,OGAB,12,4,11,13,590,15,10,MEPDG,0.00131152200000,0.00347191600000
C7B3H2S2P6L2M2J2E1A2,RDF,OGAB,12,4,11,13,590,15,10,MNAVG,0.00034412740000,0.00053524100000
C7B3H2S2P6L2M2J2E1A3,RDF,OGAB,12,4,11,13,590,15,10,MNHVY,0.00054101810000,0.00649194000000
C7B3H2S2P6L2M2J2E2A1,RDF,OGAB,12,4,11,13,590,15,40,MEPDG,0.00131152200000,0.00347191600000
C7B3H2S2P6L2M2J2E2A2,RDF,OGAB,12,4,11,13,590,15,40,MNAVG,0.00034412740000,0.00053524100000
C7B3H2S2P6L2M2J2E2A3,RDF,OGAB,12,4,11,13,590,15,40,MNHVY,0.00054101810000,0.00649194000000
C7B3H2S2P6L2M3J1E1A1,RDF,OGAB,12,4,11,13,840,12,10,MEPDG,0.00000238207200,0.00001332171000
C7B3H2S2P6L2M3J1E1A2,RDF,OGAB,12,4,11,13,840,12,10,MNAVG,0.00000057189200,0.00000089327470
C7B3H2S2P6L2M3J1E1A3,RDF,OGAB,12,4,11,13,840,12,10,MNHVY,0.00000041835450,0.00001322739000
C7B3H2S2P6L2M3J1E2A1,RDF,OGAB,12,4,11,13,840,12,40,MEPDG,0.00000238207200,0.00001332171000
C7B3H2S2P6L2M3J1E2A2,RDF,OGAB,12,4,11,13,840,12,40,MNAVG,0.00000057189200,0.00000089327470
C7B3H2S2P6L2M3J1E2A3,RDF,OGAB,12,4,11,13,840,12,40,MNHVY,0.00000041835450,0.00001322739000
C7B3H2S2P6L2M3J2E1A1,RDF,OGAB,12,4,11,13,840,15,10,MEPDG,0.00002295151000,0.00020834260000
C7B3H2S2P6L2M3J2E1A2,RDF,OGAB,12,4,11,13,840,15,10,MNAVG,0.00000487735500,0.00002336995000
C7B3H2S2P6L2M3J2E1A3,RDF,OGAB,12,4,11,13,840,15,10,MNHVY,0.00000547907400,0.00031548760000
C7B3H2S2P6L2M3J2E2A1,RDF,OGAB,12,4,11,13,840,15,40,MEPDG,0.00002295151000,0.00020834260000
C7B3H2S2P6L2M3J2E2A2,RDF,OGAB,12,4,11,13,840,15,40,MNAVG,0.00000487735500,0.00002336995000
C7B3H2S2P6L2M3J2E2A3,RDF,OGAB,12,4,11,13,840,15,40,MNHVY,0.00000547907400,0.00031548760000
C7B3H2S2P7L1M1J1E1A1,RDF,OGAB,12,4,12,12,340,12,10,MEPDG,0.07588094000000,0.03552305000000
C7B3H2S2P7L1M1J1E1A2,RDF,OGAB,12,4,12,12,340,12,10,MNAVG,0.01782914000000,0.00446585000000
C7B3H2S2P7L1M1J1E1A3,RDF,OGAB,12,4,12,12,340,12,10,MNHVY,0.02613035000000,0.06017733000000
```

```
C7B3H2S2P7L1M1J1E2A1,RDF,OGAB,12,4,12,12,340,12,40,MEPDG,0.02571657000000,0.00824227800000
C7B3H2S2P7L1M1J1E2A2,RDF,OGAB,12,4,12,12,340,12,40,MNAVG,0.00675257400000,0.00113195100000
C7B3H2S2P7L1M1J1E2A3,RDF,OGAB,12,4,12,12,340,12,40,MNHVY,0.00853559600000,0.01477040000000
C7B3H2S2P7L1M1J2E1A1,RDF,OGAB,12,4,12,12,340,15,10,MEPDG,0.40592770000000,0.18576980000000
C7B3H2S2P7L1M1J2E1A2,RDF,OGAB,12,4,12,12,340,15,10,MNAVG,0.13390440000000,0.03114548000000
C7B3H2S2P7L1M1J2E1A3,RDF,OGAB,12,4,12,12,340,15,10,MNHVY,0.28631870000000,0.36752640000000
C7B3H2S2P7L1M1J2E2A1,RDF,OGAB,12,4,12,12,340,15,40,MEPDG,0.16308120000000,0.02802280000000
C7B3H2S2P7L1M1J2E2A2,RDF,OGAB,12,4,12,12,340,15,40,MNAVG,0.05907557000000,0.00508638900000
C7B3H2S2P7L1M1J2E2A3,RDF,OGAB,12,4,12,12,340,15,40,MNHVY,0.11166290000000,0.05701652000000
C7B3H2S2P7L1M2J1E1A1,RDF,OGAB,12,4,12,12,590,12,10,MEPDG,0.00052681400000,0.00060282040000
C7B3H2S2P7L1M2J1E1A2,RDF,OGAB,12,4,12,12,590,12,10,MNAVG,0.00009276647000,0.00005469149000
C7B3H2S2P7L1M2J1E1A3,RDF,OGAB,12,4,12,12,590,12,10,MNHVY,0.00009329608000,0.00080187790000
C7B3H2S2P7L1M2J1E2A1,RDF,OGAB,12,4,12,12,590,12,40,MEPDG,0.00012776330000,0.00029670400000
C7B3H2S2P7L1M2J1E2A2,RDF,OGAB,12,4,12,12,590,12,40,MNAVG,0.00002841874000,0.00002703064000
C7B3H2S2P7L1M2J1E2A3,RDF,OGAB,12,4,12,12,590,12,40,MNHVY,0.00002484361000,0.00039434120000
C7B3H2S2P7L1M2J2E1A1,RDF,OGAB,12,4,12,12,590,15,10,MEPDG,0.00323824700000,0.00639683800000
C7B3H2S2P7L1M2J2E1A2,RDF,OGAB,12,4,12,12,590,15,10,MNAVG,0.00057421480000,0.00085825380000
C7B3H2S2P7L1M2J2E1A3,RDF,OGAB,12,4,12,12,590,15,10,MNHVY,0.00090691130000,0.01132364000000
C7B3H2S2P7L1M2J2E2A1,RDF,OGAB,12,4,12,12,590,15,40,MEPDG,0.00093130730000,0.00179776300000
C7B3H2S2P7L1M2J2E2A2,RDF,OGAB,12,4,12,12,590,15,40,MNAVG,0.00019969480000,0.00024931830000
C7B3H2S2P7L1M2J2E2A3,RDF,OGAB,12,4,12,12,590,15,40,MNHVY,0.00026645300000,0.00322883600000
C7B3H2S2P7L1M3J1E1A1,RDF,OGAB,12,4,12,12,840,12,10,MEPDG,0.00001584357000,0.00002049994000
C7B3H2S2P7L1M3J1E1A2,RDF,OGAB,12,4,12,12,840,12,10,MNAVG,0.00000201096600,0.00000134725700
C7B3H2S2P7L1M3J1E1A3,RDF,OGAB,12,4,12,12,840,12,10,MNHVY,0.00000184094700,0.00002044701000
C7B3H2S2P7L1M3J1E2A1,RDF,OGAB,12,4,12,12,840,12,40,MEPDG,0.00000325041700,0.00001655873000
C7B3H2S2P7L1M3J1E2A2,RDF,OGAB,12,4,12,12,840,12,40,MNAVG,0.00000055241130,0.00000099668700
C7B3H2S2P7L1M3J1E2A3,RDF,OGAB,12,4,12,12,840,12,40,MNHVY,0.00000042654120,0.00001505288000
C7B3H2S2P7L1M3J2E1A1,RDF,OGAB,12,4,12,12,840,15,10,MEPDG,0.00006219547000,0.00025762310000
C7B3H2S2P7L1M3J2E1A2,RDF,OGAB,12,4,12,12,840,15,10,MNAVG,0.00000880252000,0.00002608453000
C7B3H2S2P7L1M3J2E1A3,RDF,OGAB,12,4,12,12,840,15,10,MNHVY,0.00000968351100,0.00037574700000
C7B3H2S2P7L1M3J2E2A1,RDF,OGAB,12,4,12,12,840,15,40,MEPDG,0.00001437849000,0.00016106360000
C7B3H2S2P7L1M3J2E2A2,RDF,OGAB,12,4,12,12,840,15,40,MNAVG,0.00000263747800,0.00001543392000
C7B3H2S2P7L1M3J2E2A3,RDF,OGAB,12,4,12,12,840,15,40,MNHVY,0.00000253013600,0.00022082940000
C7B3H2S2P7L2M1J1E1A1,RDF,OGAB,12,4,12,13,340,12,10,MEPDG,0.00515569600000,0.01036251000000
C7B3H2S2P7L2M1J1E1A2,RDF,OGAB,12,4,12,13,340,12,10,MNAVG,0.00138198700000,0.00130588600000
C7B3H2S2P7L2M1J1E1A3,RDF,OGAB,12,4,12,13,340,12,10,MNHVY,0.00167031400000,0.01733090000000
C7B3H2S2P7L2M1J1E2A1,RDF,OGAB,12,4,12,13,340,12,40,MEPDG,0.00515569600000,0.01036251000000
C7B3H2S2P7L2M1J1E2A2,RDF,OGAB,12,4,12,13,340,12,40,MNAVG,0.00138198700000,0.00130588600000
C7B3H2S2P7L2M1J1E2A3,RDF,OGAB,12,4,12,13,340,12,40,MNHVY,0.00167031400000,0.01733090000000
C7B3H2S2P7L2M1J2E1A1,RDF,OGAB,12,4,12,13,340,15,10,MEPDG,0.03709470000000,0.01661489000000
C7B3H2S2P7L2M1J2E1A2,RDF,OGAB,12,4,12,13,340,15,10,MNAVG,0.01364477000000,0.00305257400000
C7B3H2S2P7L2M1J2E1A3,RDF,OGAB,12,4,12,13,340,15,10,MNHVY,0.02505769000000,0.03390441000000
C7B3H2S2P7L2M1J2E2A1,RDF,OGAB,12,4,12,13,340,15,40,MEPDG,0.03709470000000,0.01661489000000
C7B3H2S2P7L2M1J2E2A2,RDF,OGAB,12,4,12,13,340,15,40,MNAVG,0.01364477000000,0.00305257400000
C7B3H2S2P7L2M1J2E2A3,RDF,OGAB,12,4,12,13,340,15,40,MNHVY,0.02505769000000,0.03390441000000
C7B3H2S2P7L2M2J1E1A1,RDF,OGAB,12,4,12,13,590,12,10,MEPDG,0.00002214268000,0.00012716110000
C7B3H2S2P7L2M2J1E1A2,RDF,OGAB,12,4,12,13,590,12,10,MNAVG,0.00000523315400,0.00001158361000
C7B3H2S2P7L2M2J1E1A3,RDF,OGAB,12,4,12,13,590,12,10,MNHVY,0.00000438842100,0.00016855480000
C7B3H2S2P7L2M2J1E2A1,RDF,OGAB,12,4,12,13,590,12,40,MEPDG,0.00002214268000,0.00012716110000
C7B3H2S2P7L2M2J1E2A2,RDF,OGAB,12,4,12,13,590,12,40,MNAVG,0.00000523315400,0.00001158361000
```

```
C7B3H2S2P7L2M2J1E2A3,RDF,OGAB,12,4,12,13,590,12,40,MNHVY,0.00000438842100,0.00016855480000
C7B3H2S2P7L2M2J2E1A1,RDF,OGAB,12,4,12,13,590,15,10,MEPDG,0.00017763700000,0.00099390720000
C7B3H2S2P7L2M2J2E1A2,RDF,OGAB,12,4,12,13,590,15,10,MNAVG,0.00003983592000,0.00013910950000
C7B3H2S2P7L2M2J2E1A3,RDF,OGAB,12,4,12,13,590,15,10,MNHVY,0.00005061434000,0.00179230700000
C7B3H2S2P7L2M2J2E2A1,RDF,OGAB,12,4,12,13,590,15,40,MEPDG,0.00017763700000,0.00099390720000
C7B3H2S2P7L2M2J2E2A2,RDF,OGAB,12,4,12,13,590,15,40,MNAVG,0.00003983592000,0.00013910950000
C7B3H2S2P7L2M2J2E2A3,RDF,OGAB,12,4,12,13,590,15,40,MNHVY,0.00005061434000,0.00179230700000
C7B3H2S2P7L2M3J1E1A1,RDF,OGAB,12,4,12,13,840,12,10,MEPDG,0.00000052287700,0.00000694044700
C7B3H2S2P7L2M3J1E1A2,RDF,OGAB,12,4,12,13,840,12,10,MNAVG,0.00000009559250,0.00000040804430
C7B3H2S2P7L2M3J1E1A3,RDF,OGAB,12,4,12,13,840,12,10,MNHVY,0.00000007016673,0.00000615048700
C7B3H2S2P7L2M3J1E2A1,RDF,OGAB,12,4,12,13,840,12,40,MEPDG,0.00000052287700,0.00000694044700
C7B3H2S2P7L2M3J1E2A2,RDF,OGAB,12,4,12,13,840,12,40,MNAVG,0.00000009559250,0.00000040804430
C7B3H2S2P7L2M3J1E2A3,RDF,OGAB,12,4,12,13,840,12,40,MNHVY,0.00000007016673,0.00000615048700
C7B3H2S2P7L2M3J2E1A1,RDF,OGAB,12,4,12,13,840,15,10,MEPDG,0.00000247257100,0.00009311444000
C7B3H2S2P7L2M3J2E1A2,RDF,OGAB,12,4,12,13,840,15,10,MNAVG,0.00000048609480,0.00000877102100
C7B3H2S2P7L2M3J2E1A3,RDF,OGAB,12,4,12,13,840,15,10,MNHVY,0.00000044640730,0.00012551010000
C7B3H2S2P7L2M3J2E2A1,RDF,OGAB,12,4,12,13,840,15,40,MEPDG,0.00000247257100,0.00009311444000
C7B3H2S2P7L2M3J2E2A2,RDF,OGAB,12,4,12,13,840,15,40,MNAVG,0.00000048609480,0.00000877102100
C7B3H2S2P7L2M3J2E2A3,RDF,OGAB,12,4,12,13,840,15,40,MNHVY,0.00000044640730,0.00012551010000
```