texas-skew-update-2021 Dataset

Dataset available at: https://doi.org/10.18738/T8/SVLCOQ

(This dataset supports report **Generalized Skew Update and Regional Study of Distribution Shape for Texas Flood Frequency Analyses**)

This U.S. Department of Transportation-funded dataset is preserved by Texas Tech University in the Texas Data Repository (https://dataverse.tdl.org/), and is available at https://doi.org/10.18738/T8/SVLCOQ

The related final report **Generalized Skew Update and Regional Study of Distribution Shape for Texas Flood Frequency Analyses**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/60662.

Metadata from the Harvard Dataverse Repository record:

Dataset Persistent ID: doi:10.18738/T8/SVLCOQ
Publication Date: 2021-02-19
Title: texas-skew-update-2021
Author:

- Cleveland, Theodore G.; Fang, Nick (Texas Tech University, University Texas at Arlington)

Description: A permanent copy of a data repository resulting from project 0-6977 Update Texas Skew Coefficients, including interim reports and the final report (as pdf and source) When the data are final this sentence will be deleted (2021-08-21)
Subject: Earth and Environmental Sciences; Engineering; Computer and Information Science
Keyword: regional skew coefficients, Texas, New Mexico, and Oklahoma
Related Publication: Cleveland, T.G., and Fang, Z.N., 2021, Texas-Skew-Update-2021: Texas Data Repository, https://doi.org/10.18738/T8/SVLCOQ. (This repository) Cleveland, T.G., and Fang, Z.N., 2021, Generalized skew update and regional study of distribution shape for Texas flood frequency analyses: Texas Department of Transportation Research Report 0-6977-1. (The final report) Asquith, W.H., Cleveland, T.G., Yesildirek, M.V., Zhang, J., Fang, Z.N., and Otto, L.D., 2021, scNIDaregis--Geospatial processing of dams in the United States from the National Inventory of Dams with a state-level aggregation scheme, demonstrated for selected dams in eight states in south-central region of the United States, and post-processing features for basin-specic tabulation: U.S. Geological Survey software release, Reston, Va., https://doi.org/10.5066/P90NJVB9. Yesildirek, M.V., McDowell, J.S., Zhang, J., and Asquith, W.H., 2021, Geospatial data of watershed characteristics for select U.S. Geological Survey streamgaging stations in New Mexico, Oklahoma, and Texas useful for statistical study of annual peak streamflows in and near Texas: U.S. Geological Survey data release, https://doi.org/10.5066/ P9A91W4Z.
Notes: A permanent copy of a data repository resulting from project 0-6977 Update Texas Skew Coefficients, including interim and final report, and demonstration scripts.
Production Date: 2018-01-01
Production Place: Texas Tech University, University of Texas Arlington, and U.S. Geologic Survey Texas Water Science Center
Grant Information: Texas Department of Transportation: Project 0-6977

Depositor: Cleveland, Theodore
Deposit Date: 2021-02-19
Kind of Data: peak discharges, GIS layers, R-scripts, reports, figures

Recommended citation:
Cleveland, Theodore G.; Fang, Nick, 2021, "texas-skew-update-2021", https://doi.org/10.18738/T8/SVLCOQ, Texas Data Repository, V8

Dataset description:
This dataset contains 1 .zip file collection, described below.

Generalized Skew Update and Regional Study of Distribution Shape_Data.zip:

- texas-skew-training.mp4
- texas-shew-training-08167000-fig.mp4
- texas-skew-intro.mp4
- texas-shew-08080750-fig46unddemo03.mp4
- DES601-ModuleInsert-Part2-AdditionalExamples.pptx
- DES601-ModuleInsert-Part1-GageAnalysis.pptx
- DES601-ModuleInsert-Part0-Background.pptx
- 0-6977-TP6-Draft-Binder.pdf
- 0-6977-TM5B.pdf
- 0-6977-TM5A.pdf
- 0-6977-TM4B-FINAL.pdf
- 0-6977-TM4A-FINAL.pdf
- 0-6977-TM3B-FINAL.pdf
- 0-6977-TM3A-FINAL.pdf
- 0-6977-TM2-FINAL.pdf
- 0-6977-S.pdf
- 0-6977-dataverse-archive.tar
- 0-6977-AboutThisDataverse.txt
- 0-6977-1.pdf

File Type Descriptions:

- The mp4 file extension is used mainly for the MPEG-4 multimedia file format. These mp4 files are in a container format defined in the Systems Part of the MPEG-4 standard (ISO 14496-1). The .mp4 files support all kinds of multimedia content (multiple audio streams, video streams, subtitle streams, pictures) and advanced content (called "Rich Media" or "BIFS") like 2D and 3D graphics, user interactivity, DVD-like menus. The MP4 file format is also streamable (for more information on .mp4 files and software, please visit https://www.file-extensions.org/mp4-file-extension).
- The .pptx file extension is related to Microsoft PowerPoint. PowerPoint is worldwide most popular powerful tool you can use to create and edit dynamic and great-looking presentations. The pptx files are used for editable slide shows, which are very often used for presentations (for more information on .pptx files and software, please visit https://www.file-extensions.org/pptx-file-extension).

- The .pdf file format is an Adobe Acrobat Portable Document Format (PDF) file and can be opened with the Adobe Acrobat software.
- The file extension .tar is commonly used for Unix standard archive file format. A tar file contains multiple files stored as one archive created with the Unix tar program. These files are not automatically compressed, so they are often compressed with Gnu Zip (which creates a gz file), (for more information on .tar files and software, please visit https://www.file-extensions.org/tar-file-extension).
- The .txt file type is a common text file, which can be opened with a basic text editor. The most common software used to open .txt files are Microsoft Windows Notepad, Sublime Text, Atom, and TextEdit (for more information on .txt files and software, please visit https://www.file-extensions.org/txt-file-extension).

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://ntl.bts.gov/public-access) Section 7.4.2 Data, the NTL staff has performed ***NO*** additional curation actions on this dataset. NTL staff last accessed this dataset at https://doi.org/10.18738/T8/SVLCOQ on 2022-05-17. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.