Announcement for fund-raising request for NOAA Atlas 14 Volume for Texas

What is Atlas 14?

Do you know how much rainfall it will take in your community to achieve a 10-year flood? The 100-year flood? Or larger? Atlas 14 is a product that will compile and analyze historical precipitation and the associated recurrence intervals in Texas. NOAA last updated this dataset in 1961 and the USGS did a partial update in the 1990's, but both are now out of date.

Why is it important?

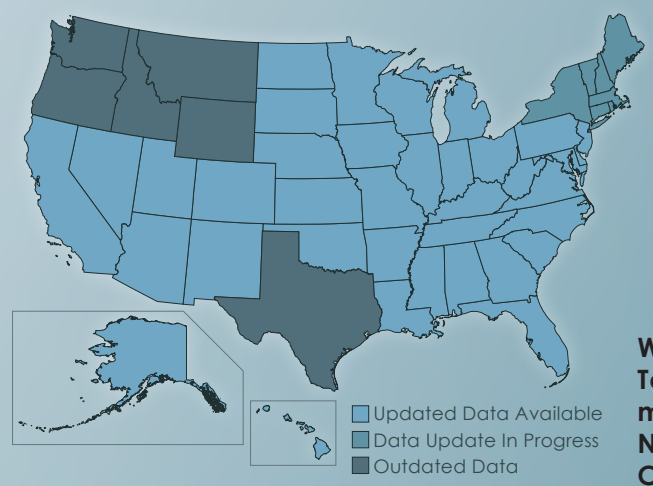
Precipitation estimates associated with 50-year, 100-year, and 500-year flood recurrence intervals are used as the basis for infrastructure designs, including transportation, flood protection, and floodplain mapping. The local, state, and federal investment in drainage for city streets, highways, interstates, and other developments such as reservoirs, flood protection projects, or pipelines are directly impacted by the quality of basic rainfall data.

How will Texas get it?

TxDOT, USACE, and the North Central Texas Council of Governments are organizing this project and are seeking interested partners. This will be a three-year project, running from FY16 through FY18. This will be a pooled fund account and any contributed funds can be used throughout the life of the project.

Close to $1 Million has already been raised through USACE, TXDot, and the City of Fort Worth. **$650K is still needed to complete this three-year project.**

An online data server run by NWS will be up by FY19 for public access of all data.



Status of NOAA Precipitation Frequency Estimate Updates

Help Fund Atlas 14 Texas Edition

	FY16	FY17	FY18	Total
Annual Cost:	$518,000	$538,720	$557,180	$1,613,900
Funded:	$418,000	$372,000	$170,000	$ 960,000
Unfunded:	$100,000	$166,720	$387,180	$ 653,900

We need support from state agencies and the local Texas science and engineering community to help make this a reality for Texas. If interested in funding the NOAA Atlas 14 Volume for Texas, please contact Jerry Cotter at 817-886-1549 or Jerry.L.Cotter@usace.army.mil