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May 17, 2012

NEW MEXICO BULLETIN NO. 210-12-5

SUBJECT: ENG – Precipitation Data

TO: All Employees

Purpose. To replace Exhibit 2-2 in Chapter 2 of “Peak Rates of Discharge for Small Watersheds” (NM Chapter 2 of the Engineering Field Manual, NEH 210-650.02) with current precipitation data from NOAA Atlas 14.

Expiration Date. September 30, 2011

The New Mexico Chapter 2 of the Engineering Field Manual (EFM) is specific to New Mexico. Exhibit 2-2 is a series of six maps providing point rainfall data. This data comes from NOAA Atlas 2, Volume IV for New Mexico. The rainfall data on Exhibit 2-2 is derived from the 1940-1970 period of record.

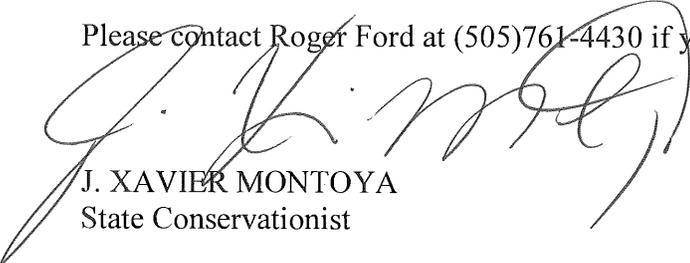
NOAA Atlas 14 replaces Atlas 2 and contains current rainfall data. Atlas 14 is an on-line application. The user can select rainfall data from nearby weather stations. For site specific data, the user types in the coordinates of the center of the watershed and receives rainfall data for that specific location.

The link for Atlas 14 is on the New Mexico Engineering Sharepoint. Also posted on the Sharepoint are six Adobe Acrobat maps, which provide the same information as Exhibit 2-2.

Filing instructions.

- Remove and recycle Exhibit 2-2 (pages 11-16) of New Mexico Chapter 2 of the EFM.
- Insert this Bulletin after page 10 of New Mexico Chapter 2 of the EFM.
- When designing conservation practices, obtain rainfall data using NOAA Atlas 14. The link to this on-line application is located on the New Mexico Engineering Sharepoint. Once you have accessed the on-line application save the URL in your browser list of favorites.
- You may print the six maps (also located on the Engineering Sharepoint) as reference, but the on-line application will provide you with quick, accurate information.

Please contact Roger Ford at (505)761-4430 if you have any questions.



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State Conservationist