

NWS FORM E-5  
(11-88)  
(PRES. by WSOM E-41)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**Midland, Texas**

**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH

YEAR

**April**

**1999**

SIGNATURE

**Steve Drillette**

In Charge of HSA

DATE

**5/17/99**

TO: Hydrometeorological Information Center, W/OH2  
NOAA / National Weather Service  
1325 East West Highway, Room 7230  
Silver Spring, MD 20910-3283

*When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)*

**[ X ] No flood stages were reached in this HSA for the month above.**

No river flooding occurred across southwest Texas or in southeast New Mexico during the month. Outbreaks of heavy thunderstorms resulted in several flash flood events. The most significant event occurred on the 30<sup>th</sup> across southern Lea County New Mexico and much of Gaines County Texas. In and around Seminole, high water stranded numerous vehicles and closed several highways. The flooding escalated into the next day (May 1<sup>st</sup>), with details forthcoming in the May report. The Pecos River, immediately below Red Bluff Dam rose sharply, approximately 10 feet, to near bankfull conditions at Orla. The flood wave remained within the banks where notable rises were experienced downstream at Pecos, TX almost two days later. A pair of RVS's were issued with no damage reported.

Rainfall distribution across the HSA was quite variable due to the nature of the convective activity. Besides the April 29-30 rain event mentioned above, other notable events occurred on April 3-4, 13-14, and 24-26. Red Bluff Dam, across the northwest portion of the HSA, reported the greatest monthly rainfall with 2.40 inches, followed by Knapp, in the northeast section of the HSA, with 2.03 inches. Just 45 miles southeast of Red Bluff Dam, Pecos Texas reported only a trace, while Valentine Texas, in the far southwest area of the HSA, recorded no rainfall.

The Midland International Airport reported 0.19 inches for the month, which is 0.64 inches below normal. For the year, the abnormally dry pattern continues. Normal annual rainfall through April would be 2.43 inches, with only 1.74 inches recorded. A serious long term drought continues to effect most of the HSA.

Reservoir levels across the HSA and in northern Mexico remain well below conservation levels and the flood threat remains low.

River products issued:

RVS = 2

cc:mail: HIC W/SR2 WGRFC NWSFO LBB  
cc: USGS USCE IBWC-ELP IBWC-Presidio