

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

**August**

YEAR

**2000**

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

SIGNATURE

J. DeBerry/Dan Koch

In Charge of HSA

DATE

**9/1/00**

*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)*

No flood stages were reached in this HSA in August.

August was generally dry across west Texas/southeast New Mexico as the summertime ridge over the south central US continued to dominate the weather. A few flash flood events were noted, but they were sparse. The first event occurred August 7<sup>th</sup>, when afternoon thunderstorms developed and moved through the Midland area. Little rainfall was measured at Midland International Airport, but the city itself received local amounts around an inch. This caused widespread street flooding, and an Urban and Small Stream Flood Advisory was issued. Further south, flash flooding occurred in central Pecos County, where FM 2023 was flooded 4' deep due to excessive rainfall. August was uneventful for the rest of the month until the 29<sup>th</sup>, when thunderstorms drenched portions of Brewster, Jeff Davis, and Reeves Counties. Alpine in Brewster County received the most rainfall, accompanied by widespread flash flooding, and forcing the closure of many streets, and Highway 90 in particular.

Unfortunately, drought worsened in this HSA in August. Using the Palmer Drought index, extreme drought conditions now exist through all of west Texas except the Southern Plains and the northern half of the Permian Basin, which have deteriorated from near normal to moderate drought. Southeast New Mexico has gone from moderate to severe drought. For more details please see the Midland Weather Office Drought Information Statement, AWIPS product LBBPNSMAF, or visit the Southern Region drought home page at:

<http://www.srh.noaa.gov/ftproot/ssd/html/drought.htm>

Locations received notable amounts of precipitation were:

Fort Davis, Jeff Davis County	2.11"
Carlsbad Caverns National Park, Eddy County	2.48"
Alpine, Brewster County	3.00"
Queen, Eddy County	6.11"

Midland International Airport received a total of 0.06" of precipitation for the month. Normal for the month of August is 1.69". This brings the yearly total as of September 1<sup>st</sup> to 6.05". Normal is 9.35". Fortunately, long-term forecasts for September-November call for a return to near normal rainfall as the summertime ridge begins to erode and fall patterns set up.

Reservoir levels across the HSA, with the exception of Brantley Lake, New Mexico, remain below conservation levels, and the flood threat remains low.

River products issued:

RVS = 0 FLS = 0 FLW = 0

cc:mail: DOA IBWC-ELP IBWC-PRS SWFED USGS-CNM USGS-SJT

cc:email: HIC W/SR2 W/SR3 W/SR-ABQ W/SR-ELP W/SR-FWR W/SR-LBB W/SR-MAF W/SR-SJT