

NWS FORM E-5
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(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

August

1998

SIGNATURE

T.J. Turnage

In Charge of HSA

DATE

9/08/98

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
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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)

August was an active month hydrologically. The remnants of Tropical Storm Charley brought excessive rainfall to the far southeastern HSA late in the month. River flooding was observed along the Pecos River from Iraan to Pandale Crossing on the 25th as a result of very heavy rain that fell over western Crockett and extreme eastern Pecos counties overnight. A 16-foot flood crest occurred at Sheffield around 10 AM. Flood stage at Sheffield is 12 feet. A flood warning for the Pecos River from above Iraan to Lake Amistad was issued at 6:55 AM on the 25th. By 1 PM, a flood stage of 12 feet was recorded, with a gradual decrease in stage thereafter. Highway 349 south of Iraan, as well as several other highways in extreme eastern Pecos county, were flooded as a result of this event. Damage was limited to ranchland flooding, with some fences washed away.

Minor rises were noted at the Rio Grande river forecast point above Presidio on the 5th and the 30th as large thunderstorm complexes crossed the Rio Grande out of Mexico. River statements were issued as near-bankfull conditions were observed. No damage was reported with these events.

Other more isolated cases of urban, small stream, or flash flooding were observed over various parts of the HSA, including Terrell county on the 13th, Eddy county on the 20th, and Reagan county and eastern Pecos counties on the 25th. The Reagan / eastern Pecos county event coincided with the mainstem river flooding observed on the Pecos River as the remnants of Charley affected the area.

The Midland International Airport reported 0.92 inches of precipitation for August, which is 0.77 inches below normal. Yearly precipitation at the Midland International Airport stands at 3.05 inches, which is less than a third of the year-to-date normal of 9.35 inches.

Monthly precipitation totals remain well below normal across most of the HAS, except for the extreme southeastern areas. With longer-term precipitation totals also below normal, reservoir levels across the region and in northern Mexico remain well below conservation levels and the flood threat remains low.

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