

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

July

1999

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

SIGNATURE

Steve Drillette

In Charge of HSA

DATE

8/14/99

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 in July.

No river flooding occurred across southwest Texas/southeast New Mexico in July. A few outbreaks of thunderstorms resulted in very heavy rainfall at some locations...and resulted in minor flooding and flash flooding. On the 10th, thunderstorms produced 3-4" of rain in a 2 hour period along Deep Creek between Fluvanna and Snyder in Scurry County, resulting in creek rises and minor street flooding in Snyder. During the afternoon of the 10th, numerous thunderstorms in the Big Bend region over the Rio Grande and its tributaries caused rises in the Rio Grande to near bankfull...5 miles upstream of Presidio (PIOT2). Bankfull stage is 6 ft, and a crest of 5.36ft was observed. Other area river gauges reported river rises as well, but remained well below bankfull. The most significant flooding event occurred on the 15th in Borden County, where the Colorado River above Lake J. B. Thomas (JBGT2) rose above the bankfull stage of 9.5 ft, cresting at 10.51 ft. This resulted in minor lowland flooding in Borden and Dawson County.

Other locations reporting localized flash flooding in July:

DATE LOCATION

10th Central Loving, NW Reeves, and S Terrell Counties.
22nd S Brewster County.
28th Presidio County.
31st Midland County.

Midland International Airport recorded 0.61" for the month, which was 1.09" below normal. For the year, Midland has received 6.32", which was 1.34" below normal. The drought continues, but not as severe as last year, when yearly precipitation at the end of July 1998 was just 2.13"

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

River products issued:
RVS = 8 FLS = 0 FLW = 0

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