

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

**August**

**1999**

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

**9/1/99**

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 in August.**

Flooding was minimal during the month of August in southwest Texas/southeast New Mexico. Aside from thunderstorm-induced flash flooding in various locations, only the remnants of Hurricane Bret were of concern. Over the course of about August 25-26, what was left of Bret caused major thunderstorm activity and heavy rains over northern Chihuahua State, Mexico, flooding the Rio Conchos River. On August 27, the river gauge at the Presidio International Bridge (PRST2), just down river on the confluence of the Rio Conchos and Rio Grande, crested at 8.65'. Normal stage for August is 4-5'. However, this crest did not come near the bankfull stage of 12.0'. Just down the Rio Grande from PRST2, the river gauge Presidio 5SE (PRDT2) crested at 7.56', just below bankfull of 8.00'. Normal stage for August is 3-4'.

Miscellaneous flash flooding occurred during the first half of August due to thunderstorm activity and a very moist air mass. On August 1, McCamey in Upton County received 2.72" of rain. Many streets in town flooded, as well as portions of Highways 67 and 385. One motorist hydroplaned into a ditch just outside of McCamey, but was not injured, nor his vehicle damaged.

August 2 saw more thunderstorms and heavy rains. Morning street flooding was reported in Lamesa in Dawson County and Seminole in Gaines County. Afternoon thunderstorms produced 1.5-2.3" in Pecos County and flooded streets in Fort Stockton.

On August 7, evening thunderstorms brought 2" of rainfall to Marfa in Presidio County, flooding streets with up to 3' in low spots. One car was reported stalled as a result.

Finally, on August 13, late-evening thunderstorms over the Sierra Diablo and Delaware Mountains flooded a 500' section of Highway 54 28 miles north of Van Horn in Culberson County. The low water crossing had 10' of runoff over it.

Monthly rainfall totals varied widely across the HSA, ranging from at to at . Other locations receiving 2.5" Or more were:

Midland International Airport recorded a meager 0.06" for the month, which was 1.50" below normal. For the year, Midland has received 6.37", which was 2.84" below normal. The drought continues, but not as severe as last year, as the yearly precipitation at the end of August 1998 was just 3.05"

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

River products issued:  
RVS = 0 FLS = 3 FLW = 3

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