

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

**September**

**1999**

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

**10/1/99**

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 September.**

Flooding was minimal during the month of September across west Texas/southeast New Mexico. Most flooding occurred at the beginning of the month as the fall convective season spun up.

On September 3<sup>rd</sup>, evening thunderstorms inundated portions of southeast New Mexico, most notably the west side of the town of Carlsbad. Between 1.33 and 1.5" of rainfall were reported in less than 40 minutes, rendering many streets impassible.

The next evening, September 4<sup>th</sup>, Big Bend National Park was hit by thunderstorms, and park officials reported flash flooding along Tornillo Creek. In the south plains, localized flooding was reported in the town of Seminole in Gaines County.

September 5<sup>th</sup>, thunderstorms hit the south plains again, flooding many streets in the town of Big Spring in Howard County. These storms developed into Ector County past midnight into September 6<sup>th</sup>, and the Red Cross there reported 25-30 homes flooded.

Later on the 6<sup>th</sup>, during the late afternoon and evening, thunderstorms struck again, locally flooding 4 houses in west Odessa with 4-5" of water. The Red Cross reported 34 persons sought alternative shelter.

On September 12<sup>th</sup>, thunderstorms produced heavy rainfall and flooding in Ector, Martin, and Midland Counties. Odessa was hardest hit, and low-lying streets filled as deep as 3' with rain. Some families had to be evacuated.

Finally, on September 16<sup>th</sup>, thunderstorms hit southeast New Mexico, causing localized street flooding in Hobbs in Lea County.

No other flooding was reported during September.

Monthly rainfall totals varied widely across the HSA, ranging from nothing at Sheffield to 3.46" at Seminole. Other locations receiving notable amounts of rainfall were:

McDonald Observatory, Jeff Davis County	2.71"
Hope, Eddy County	2.83"
Big Spring, Howard County	2.98"
Water Treatment Plant, Ector County	3.27"

Midland International Airport recorded a meager 0.95" for the month, which was 1.67" below normal for the month of September. For the year ending October 1<sup>st</sup>, Midland received 7.32" of precipitation, which was 4.65" below normal. The drought continues, but not as severe as last year, as the yearly precipitation at the end of September 1998 was just 3.13".

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

River products issued:

RVS = 0 FLS = 0 FLW = 0

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