

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

**October**

**1999**

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

**11/1/99**

*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 October.**

No flooding was reported during the month of October across west Texas/southeast New Mexico. The fall convective season ended as abruptly as it started, with only a few days of garden-variety afternoon and evening thunderstorm events.

The only event worth noting occurred from the evenings of the 16<sup>th</sup> through the 17<sup>th</sup> as the first winter precipitation event of the fall season occurred due to a cold airmass, abundant moisture, and an incoming upper level disturbance. On the 16<sup>th</sup>, sleet, mixes of rain and snow, and snow were reported at various locations in Culberson, Eddy, Lea, and Presidio Counties. Tatum, New Mexico reported the most accumulation of snow at 0.5". More snowfall was reported in Culberson and Lea Counties on the 17<sup>th</sup>. Again, Tatum reported the most accumulation, with heavy wet snows accumulating up to 1.5" on grassy areas and vehicles and reducing visibilities to as low as 3/4 mile. Had the ground been colder, the snow depth would have been more significant, as the total water equivalent amount was 0.51".

Monthly rainfall totals varied widely across the HSA, ranging from no precipitation at Balmorhea in Reeves County to only 1.37" at Colorado City in Mitchell County.

Midland International Airport recorded 0.28" of rainfall for the month, which was 1.46" below normal for the month of October. For the year ending November 1<sup>st</sup>, Midland had received 7.60" of precipitation, which was 6.11" below normal. The drought continues, but not as severe as last year, as the yearly precipitation at the end of October 1998 was just 4.43".

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

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

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cc: USGS USCE IBWC-ELP IBWC-Presidio