

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

**May**

**2001**

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

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**6/1/01**

*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)*

No flood stages were reached in this HSA in May.

Semi-pseudo-monsoonal conditions persisted throughout May, with abundant severe weather events occurring. Moisture was sparse, but a couple of flash flood events did occur.

On May 11<sup>th</sup>, severe thunderstorms developed in the northern HSA, flooding roadways up to ½' deep in Lea County. Urban and Small Stream Flood Advisories were issued. On the 30<sup>th</sup>, a mesoscale convective system developed and moved northeast into Scurry County, flooding numerous low water crossings there. Several Flash Flood Warnings were issued.

Some locations in the HSA that received notable amounts of precipitation for May were:

Forsan, Howard County 2.03"  
Hobbs, Lea County 2.21"  
Hobbs 13W, Lea County 2.57"  
Gail, Borden County 4.47"

The average of all stations reporting was 0.90".

Midland International Airport received 1.14" of precipitation for the month. Normal for the month of May is 1.79". The total for the year was 3.85", or 0.20" below average. Long-range forecasts call for near-normal precipitation through September for the HSA.

As a result of sparse rainfall for May, short-term drought conditions in Texas west of the Pecos have deteriorated into moderate drought. Near-normal conditions hold in Southeast New Mexico and in Texas east of the Pecos from Midland south. The Permian Basin northeast of Midland remains in an unusual moist spell, and areas northeast of Midland remain in a very moist spell. With respect to long-term drought, conditions range from severe in the eastern Permian Basin to abnormally dry along the Rio Grande.

Reservoir levels across the HSA, with the exception of Brantley Lake, New Mexico, remain below conservation levels, and the flood threat remains low.

River products issued:

RVS = 0 FLS = 0 FLW = 0

cc:mail: DOA IBWC-ELP IBWC-PRS SWFED USGS-CNM USGS-SJT

cc:email: HIC W/SR2 W/SR3 W/SR-ABQ W/SR-ELP W/SR-FWR W/SR-LBB W/SR-MAF W/SR-SJT