

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

March

YEAR

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/Dan Koch

In Charge of HSA

DATE

4/1/01

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)

[X] No flood stages were reached in this HSA in March.

No flooding was reported during the month of March across West Texas/Southeast New Mexico.

A winter synoptic pattern persisted for most of March, before transitioning to a more spring-like regime in time for April. Still, abundant moisture and a favorable jet stream position sent several storm systems through the region...and both stratiform wintry events and a few convective events occurred.

On March 2nd-3rd, thunderstorms developed in the central and southeastern HSA. On the 7th-8th, thunderstorms occurred over the Guadalupe Mountains and southeast New Mexico. On March 27th-28th, severe thunderstorms hit the southeastern HSA, and on the 29th-30th, thunderstorms rounded out the month when they developed over the Permian Basin and moved east.

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

Snyder, Scurry County	2.07"
Ackerly 4 SE, Howard County	2.20"
Gail, Borden County	2.41"
Tatum, Lea County	2.60"

The HSA average was 0.81".

Midland International Airport received a total of 0.78" of precipitation for the month. Normal for the month of March is 0.42". The total for the year was 2.71", 1.18" above average. This makes March the 3rd consecutive month with above-normal monthly precipitation for Midland. Long-range forecasts continue to call for near-normal precipitation through June.

As a result of March's abundant precipitation, the Palmer Drought Index as of March 31st indicated a very moist spell for the HSA in Texas from Midland north, unusually moist spells in Southeast New Mexico and east of the Pecos in Texas, and near-normal conditions elsewhere.

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

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