

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

April

2002

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

5/1/02

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 April.

April marked the frequent development of the dryline, and as a result, multiple severe weather events occurred. However, as most events occurred along the dryline, rainfall was sparse, and large hail and damaging winds were the result of most storms that developed. Only two instances of flooding were reported, both street flooding. The first occurred during a severe weather event April 16th, 5 miles east of Garden City in Glasscock County, and the second occurred on the 19th when roads flooded in the vicinity of Seagraves in Gaines County.

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

Big Spring Field, Howard County	1.73"
Panther Junction, Brewster County	1.83"
Sanderson, Terrell County	1.91"
Hobbs 13W, Lea County	2.35"

The average of all stations reporting was 0.56".

Midland International Airport received 0.35" of precipitation for the month. Normal for the month of April is 0.73". Total for the year so far is 2.31", 0.05" above normal.

As a result of sparse precipitation in April, short-term drought conditions in Texas west of the Pecos have graduated from moderate to severe. However, areas that are east of the Pecos/south of Midland are still experiencing near-normal conditions, as well as areas farther north, and in Southeast New Mexico.

Reservoir levels across the HSA are averaging about 39% of conservation capacity, about 5% lower than March. Champion Creek Reservoir remains the lowest, at about 5% capacity, while Moss Creek Lake is the highest, at around 75% capacity. The flood threat remains low.

River products issued:

RVS = 0 FLS = 3 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