

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

February

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

3/1/02

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 February.

February was fairly uneventful, save for a storm system that moved through the area February 4-6. The HSA received a much-needed, steady, stratiform wetting rain over the course of a few days. Most locations averaged a little over 3/4th's of an inch of rainfall, and this brought temporary drought relief to the region.

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

Colorado City, Mitchell County	1.42"
Big Spring 5NE, Howard County	1.17"
Garden City, Glasscock County	1.53"
McCamey, Upton County	2.34"

The average of all stations reporting was 0.80".

Midland International Airport received 1.00" of precipitation for the month. Normal for the month of February is 1.11". Total for the year so far is 1.08", 0.03" below normal.

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

Reservoir levels across the HSA remain below 70% of conservation levels, and the flood threat remains low.

NOTE: The flood stage at the Colorado City gage (CDCT2) has been elevated from 8.0' to 15.0'. Surveys have indicated nothing more than "nuisance" flooding occurs below 15.0'.

A new gage (DKCN5) has been installed in Dark Canyon west of Carlsbad. A survey will be conducted in the future (as time permits) to determine a flood stage.

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