

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

November

2000

SIGNATURE

J. DeBerry/Dan Koch

In Charge of HSA

DATE

12/1/00

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

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 November.

No flooding was reported during the month of November across west Texas/southeast New Mexico.

The fall convective season ended abruptly at the beginning of November. Only two significant convective events occurred. The first was November 3rd, when thunderstorms brought rains to Presidio County. No flooding was reported, but runoff caused rises on the Rio Grande. The river above Presidio (PIOT2) crested at 5.70' on the morning of the 4th. Bankfull is 6.0'. Thunderstorms broke out again on November 5th, this time in Reagan County. Low water crossings, particularly those on Highway 137 north of Big Lake, were flooded for a few hours.

Following the 5th, weather evolved into a more wintery pattern. Several widespread precipitation events occurred, with many locations reporting rain, hail, freezing rain, sleet, snow grains, snow, or a mix thereof. Stratiform precipitation was abundant and steady and, as a result, drought conditions improved area-wide. According to the long-term Palmer Drought Index, drought has ended across southeast New Mexico and West Texas. The Keetch-Byram Index, however, suggests the drought still persists, particularly in the Davis Mountains of west Texas. Many more consecutive months of abundant and above-normal rainfall will be necessary before the 5-7 year drought can be officially declared over.

Some locations that received notable amounts of precipitation were:

Seminole, Gaines County	2.99"
Brantley Dam, Eddy County	3.16"
Artesia 6S, Eddy County	3.57"
Carlsbad, Eddy County	4.20"

Midland International Airport received a total of 0.88" of precipitation for the month. Normal for the month of November is 0.69". Total precipitation for the year as of November 30th is 9.35". Normal is 14.40". Fortunately, the long-range forecasts call for near- to above-normal precipitation.

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 = 1 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