

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

July

2003

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

8/1/03

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 July.

The pseudo-monsoonal ridge entrenched itself over the HSA in July, for the most part ending precipitation for all areas but the mountains, which received the usual daily orographically-induced showers and garden-variety thunderstorms that are common for this time of year.

However, on July 16th, remnants of Tropical Storm Claudette moved west through the Big Bend and Davis Mountains. Little flooding was observed. However, the storm did help initiate a convective band of thunderstorms that developed over the Serranias del Burro range in Mexico. These storms moved north into Terrell County, and flash flooded a few highways there.

On the 23rd, severe thunderstorms developed over Southeast New Mexico. The New Mexico Department of Transportation closed numerous streets in Artesia in Eddy County due to high water, including US Hwy 285 along Eagle Draw.

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

Marfa #2, Presidio County	4.52"
Terlingua Ranch, Brewster County	5.12"
Mount Locke, Jeff Davis County	5.70"
Chisos Basin, Brewster County	5.99"

The average of all stations reporting was 1.59".

Midland International Airport received 1.14" of precipitation for the month. Normal for the month of July is 1.89". Total for the year so far is 7.13", 0.52" below normal.

Despite the modest rainfall for July, the entire HSA remains in drought, from abnormally dry in the southeast to severe in the northwest.

Reservoir levels across the HSA are averaging 33% of conservation capacity, about 3% lower than in June. Champion Creek Reservoir remains the lowest, at about 7% capacity, while Moss Creek Lake is the highest, at around 78% capacity. The flood threat remains low.

River products issued:

RVS = 0 FLS = 4 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