

NWS FORM E-5
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(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

September

2001

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

10/1/01

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
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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)

No flood stages were reached in this HSA in September.

Rainfall was not quite as abundant throughout the HSA in September, as the pseudo-monsoon season officially ended. However, a few events did occur.

The first notable event occurred September 4th, when thunderstorms flooded streets in Snyder in Scurry County. An Arroyo and Small Stream Flood Advisory was issued.

On the 15th, thunderstorms flooded portions of Highway 176 in southern Lea County, and an Arroyo and Small Stream Flood Advisory was issued there, as well.

On September 19th, severe thunderstorms broke out over the southeastern HSA. An Urban and Small Stream Flood Advisory was issued for Midland County, and Arroyo and Small Stream Flood Advisories were issued for central Brewster and Glasscock Counties. In southeast Glasscock County, normally dry ditches and draws filled to near capacity and widespread road-ponding was reported. Finally, the storms moved into northern Upton County, prompting issuance of a Flash Flood Warning there.

Thunderstorms developed again on the night of the 20th-21st over the northeastern HSA. Flooding of Highway 137 north of Lamesa in Dawson County was reported, and Arroyo and Small Stream Flood Advisories were issued for Borden and Dawson Counties. Roadway flooding was reported in Howard County, but this was in low water crossings normally prone to flooding near Coahoma. Finally, an RVS was issued for the Colorado River above Lake J. B. Thomas for excessive runoff. Later that day, JBG2 (Gail) in Borden County crested at 9.38', just below action stage of 9.5'.

On September 21st-22nd, thunderstorms redeveloped over the northern HSA. Flooding was reported near Lovington in Lea County, but it was inconsequential and localized, and no products were issued. However, Urban and Small Stream Advisories were issued later that night as the thunderstorms moved into Howard, Martin, and Midland Counties.

Finally, on the 23rd, a thunderstorm developed near Hobbs in Lea County where street flooding was reported. An Urban and Small Stream Flood Advisory was issued.

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

Gail, Borden County	2.31"
Colorado City, Mitchell County	2.50"
Snyder, Scurry County	3.51"
Knapp 2 SW, Scurry County	4.57"

The average of all stations reporting was 0.92".

Midland International Airport received 0.95" of precipitation for the month. Normal for the month of September is 2.62". The total for the year was 8.25", 3.72" below normal.

Short term drought conditions remain near normal in areas that are east of the Pecos/north of Midland. Texas west of the Pecos remains in severe drought, and Southeast New Mexico is in moderate drought.

Reservoir levels across the HSA 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