

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

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

January

YEAR

1997

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

SIGNATURE

T.J. Turnage

In Charge of HSA

DATE

2/10/97

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 HAS for the month above.

No river flooding occurred in southwest Texas or in Eddy and Lea counties of New Mexico during the month of January.

The month of January saw two noteworthy winter precipitation events that affected much of the HSA. A persistent upper level storm system over the southwestern United States affected the northwestern HSA on the 7th and 8th. Some reported snow amounts at the end of the event include:

Andrews, TX	8 inches	Hobbs, NM	5 inches
Lamesa, TX	6 inches	Hope, NM	12 inches
Carlsbad, NM	5 inches	Midland/Odessa, TX	2.5 inches

Another, less widespread, snowfall occurred on the 13th, bringing an additional 2 inches of snow to the Midland International Airport, with similar amounts occurring in other parts of the eastern HSA. Despite An impressive 4.5 inch snowfall total for the month of January, the Midland International Airport reported 0.21 inches of liquid precipitation for January, which was 0.19 inches below normal.

With below normal precipitation continuing over most of the HSA, reservoir levels across the region and In northern Mexico remain well below conservation levels and the flood threat remains low.

NOTE: On February 1, 1997 the bankfull and flood stages at the Presidio 5SE (PRDT2) river forecast Point on the Rio Grande were both raised to 9 feet. Through collaboration with the International Boundary and Water Commission at Presidio, it was determined that the previously designated bankfull And flood stages were too low to accurately represent a threat for flooding.

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