

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

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

September

YEAR

1996

SIGNATURE

T.J. Turnage

In Charge of HSA

DATE

10/11/96

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

Minor river flooding was observed on the Rio Grande downstream from Presidio on the 12th through the 14th...necessitating a River Flood Warning from the Midland Weather Service Office. No damage was reported with this event.

Remnants of Hurricane Fausto combined with an upper level disturbance to bring widespread rain over much of southwest Texas. Large amounts of rain fell over the Marfa Plateau, causing the normally diminutive Alamito Creek to briefly flow at over 8000 cubic feet per second, which consequently caused the Rio Grande to exceed flood stage just southeast of Presidio.

Localized flash flooding was also periodically observed during the month...both in association with the Event described above...as well as with other less widespread events that usually involved stalled frontal boundaries and abundant tropical moisture.

The Midland International Airport received 0.97 inches of rain in September...which was 1.65 inches below normal. Midland officially remains in a precipitation deficit for the year...but other parts of the HAS ...particularly the southern areas...continued to receive generous amounts of rain in September.

With generally normal to below normal precipitation amounts in September...reservoir levels across the Region and in northern Mexico remain well below conservation levels and the river flood threat remains low.

Note: Official Bankfull and Flood Stage levels at the river gage site just downstream of Presidio are to be raised in the near future.

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cc: USGS USCE IBWC-ELP IBWC-Presidio