

NWS FORM E-5
(7-78)
(PRES. by WSOM E-41)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RIVER DISTRICT OFFICE

WSFO Lubbock, Texas

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

January

YEAR

1992

SIGNATURE

John W. Lipe

In Charge of River District

DATE

February 10, 1992

TO: Hydrologic Services Division, W22
National Weather Service
National Oceanic and Atmospheric Administration
Silver Spring, Maryland 20910

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 river district for the month indicated above.

Although precipitation across the Lubbock Hydrologic Service Area was above normal for the month of January, amounts were not great enough to produce significant runoff. However, the Rio Grande had a significant rise to near bankfull from Presidio downstream to Redford January 17-22 due to water releases from Luis Leon reservoir on the Rio Conchos in Mexico.

Watersheds levels on the Rio Conchos in northern Mexico continued to be of concern throughout January. Both La Boquilla and F. I. Madero reservoirs continued completely full through the month. Some runoff continued to pass through their spillways with a peak occurring January 15th near 8000 cfs. The combined outflow pouring into the nearly full Luis Leon prompted a release near 7000 cfs from January 15th through the 21st.

Luis Leon reservoir continued to be the primary focus of concern during the month. Although stages at this reservoir, which is closest to the Texas border, were down slightly from their peak in late December, they were not down significantly. The peak in late December was just over 3444 feet elevation (685,000 acre-feet storage). On January 31st the stage remained 46 feet above normal conservation level at 3440.85 feet (storage 650,000 acre feet). Observations during the first few days of February, prior to this report, showed the elevation was back up to 3441.6 feet on February 10th.

CC: W/SR2 RFC FTW IBWC EL PASO
RFC TUL USGS IBWC PRESIDIO
USCE LBB WSOs (MAF/ELP/SJT/AMA)