

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)

San Angelo, TX

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

YEAR

May

1998

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

SIGNATURE

Amy McCullough

In Charge of HSA

DATE **June 10, 1998**

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

No flood stages were reached in this HSA for the month above.

Although no flood stages were reached in May, very heavy rainfall on the evening of May 26th across the Concho River basin resulted in a large rise on the Concho River at Paint Rock. The river crested at just over 19 feet on the afternoon of 27th (flood stage 26 feet). It has been 18 years since the river was that high. The heavy rainfall was caused by a nearly stationary supercell thunderstorm that developed over northern Tom Green County and lasted for several hours. Rainfall amounts of over 6 inches occurred in Grape Creek and Quail Valley, as well as very large hail and one tornado. Flash flooding also occurred in northern Tom Green County, with several streets and residences flooded. A squall line pushed through the area later that night, adding to the heavy rainfall and flooding. The runoff from the Grape Creek area ran into the North Concho River which flows into O. C. Fisher Lake in Northern San Angelo. The lake rose over three feet by the afternoon of the 29th. The heavy rainfall over northeastern Tom Green County (radar estimated 6 - 7 inches), entered the Concho River east of San Angelo and caused the Concho River at Paint Rock to crest at 19 feet on the 27th. No other major rises occurred in the month of May. Almost the entire HSA received much needed rainfall in May. Most areas saw around 1 inch of rain, with isolated heavier amounts over Sterling, Irion and Tom Green Counties. Despite the heavy rain on the 26th, rainfall remains below normal for the spring and the threat of flooding is low for most of the area.

For the month of May, Abilene received 0.72 inches of rainfall, which is 2.25 inches below normal. Abilene remains below normal for the year, with 6.11 inches, 2.31 inches below normal. San Angelo received 1.75 inches of rainfall in May, which is still 1.25 inches below normal. San Angelo has received 4.83 inches of rain since January first, which is 2.62 inches below normal. Abilene broke the record for the warmest May this month with an average temperature of 79.2 inches. This broke a record set back in 1896. San Angelo had the second warmest May on record with an average temperature of 80.0 inches. Before the rainfall at the end of May, San Angelo had the longest spring dry spell on record with 59 consecutive days without measurable rain (March 28 - May 25).