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 **December** YEAR **2000**
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		SIGNATURE **Michael Decker** In Charge of HSA DATE **January 5, 2001**

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).

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

December was a cool but dry month in West Central Texas. Rainfall totals were generally less than 1 inch, but close to climatological normals. No river flooding or flash flooding occurred. The most significant rainfall event occurred December 25th and 26th, as southerly winds aloft overran arctic air at the surface, producing freezing rain and sleet accumulations around ½ inch of ice over much of the HSA. Storms earlier on the 12th and 13th produced lighter amounts of ice and sleet, generally less than 1/10 inch, but with locally heavy amounts of 1/4 inch north of Interstate 20. A wintery mix of rain, sleet, and snow fell on the 2nd and 3rd. Again, precipitation amounts were light, generally less than 1/10 inch.

For December, San Angelo received 0.60 inches of rain, 0.17 inches below normal. San Angelo's yearly total was only 15.19 inches, 5.26 inches below normal. Abilene received 0.92 inches of rainfall in December, 0.11 inches below normal. Abilene ended the year with 22.15 inches of rain, 2.25 inches below normal.

October and November were above normal rainfall months, and cooler conditions in December allowed soils to retain moisture. The Palmer Drought Index puts West Central Texas from near normal in northern sections, in the Big County, to slightly wet across the rest of the hydrologic service area.

From a hydrologic perspective, the 1997-2000 drought that plagued West Central Texas, continued in portions of the HSA . Reservoir levels remain low, especially in the Concho Valley, which did not receive the heavier amounts of rainfall that occurred in areas further east in October and November. As a result, O. C. Fisher and Twin Buttes Reservoirs remain below 10 percent conservation capacity. While the outlook for January through March call for normal precipitation, the kinds of rain needed to replenish reservoirs and streams in West Central Texas will not likely occur until Spring at the earliest.

Reservoir	Capacity in Acre Ft	Current Storage Acre Ft.	Current Storage % Capacity
Twin Buttes	177,800	7,860	4
O. C. Fisher	119,200	10,060	8
E. V. Spence	484,800	85,340	17
O. H. Ivie	554,340	318,900	58
Lake Brownwood	143400	108,100	75
FT Phantom Hill	70030	39,160	56

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