

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

February

YEAR

2004

SIGNATURE

Jason Johnson

In Charge of HSA

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

DATE

March 15, 2004

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).

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

Generous amounts of precipitation were received over much of the HSA during the month of February. Except for areas across the Northwest Hill Country, most of West Central Texas received above normal rainfall for the month. Numerous light to moderate rainfall events occurred over the month as a result of an active southern branch of the jet stream. The most notable event moved into West Central Texas on the 23rd of the month bringing rounds of showers and thunderstorms with moderate to heavy rainfall. Areas across the Big Country and Heartland received 2 to 3.5 inches of rain. Except for the Northwest Hill Country, the remainder of West Central Texas generally received 1 to 2 inches of rain from the storm system.

While the rains have been beneficial, they have produced minimal runoff into our rivers and reservoirs. The USGS Waterwatch indicates that portions of the Clear Fork of the Brazos River, California Creek, Colorado River, Middle Concho River and North Concho River are experiencing below normal flows. Most of the reservoirs located across West Central Texas are well below their conservation capacity.

The San Angelo Regional Airport received 1.72 inches of rain in February, which is 0.54 of an inch above the monthly normal rainfall of 1.18 inches. San Angelo received 0.30 of an inch of snow in February.

The Abilene Regional Airport received 2.90 inches of rain in February, which was 1.77 inches above the monthly normal rainfall of 1.13 inches. Abilene received 3.4 inches of snow in February.

Rainfall Totals for February, 2004:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	3.79	Menard	1.34
Acton Ranch	1.34	Merkel 12SW	3.42
Albany	3.39	Oak Creek Lake	2.20
Anson	2.59	Ozona 1SSW	1.40
Ballinger 2NW	2.12	Paint Rock	2.48
Brady	2.23	Putnam	4.29
Brownwood	M	Richland Springs	2.71
Burkett	3.26	Robert Lee	1.77
Coleman	3.30	Roscoe	1.97
Concho Park	2.89	Rotan	2.33
Eldorado	2.90	San Angelo WFO	1.75
Eldorado 10W	2.13	San Saba 7NW	2.03
Eldorado 12N	2.54	Silver Valley	3.19
Fort Griffin	4.62	Sonora	1.81
Fort McKavett	1.34	Stamford	2.39
Funk Ranch	M	Sterling City	1.85
Glen Cove	3.24	Sterling City 8NE	2.25
Hamlin	2.85	Taylor Ranch	2.12
Haskell	3.56	Telegraph	1.57
Hords Creek	3.48	Throckmorton 7NE	3.57
Humble Pump	M	Trent	M
Junction 4SSW	1.17	Water Valley	1.83
Lake Abilene	3.72	Water Valley 11NE	1.71
Lawn	3.10	Winters	2.34
London 3N	1.13	Woodson	3.50
Mason	0.91	(M) Missing data	

Reservoir Conditions (end of February, 2004)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	28,790	41
Lake Stamford	52,700	31,250	59
Hubbard Creek Lake	317,800	123,750	39
Hords Creek Lake	8,800	2,370	27
Lake Brownwood	131,428	124,370	95
E.V. Spence	488,760	35,170	7
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	2,885	2
O.H. Ivie	554,340	192,470	35

Hydro Products Issued

FFA = 3

FFW = 0

FLS = 4 (Urban and Small Stream Flood Advisories)

RVS = 0

FLW = 0