

NWS Form E-5  
(04-2006)  
(PRES. BY NWS Instruction 10-924)

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

HYDROLOGIC SERVICE AREA (HSA)  
**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:  
MONTH                      YEAR  
**January                      2008**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE  
Jason Johnson

DATE  
**February 15, 2008**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

An X inside this box indicates that no flooding occurred within this hydrologic service area.

Most of the Hydrologic Service Area (HSA) received below normal precipitation during January. The first half of the month was generally dry with periods of above normal temperatures. Moisture began to return after mid-month, and an upper level disturbance that moved across the region on the 24<sup>th</sup> initiated rain, freezing rain and sleet. From Crockett County through the Concho Valley and Heartland, the precipitation accumulation ranged from 0.25 to just over 0.50 of an inch. The relief from the dry conditions was very short lived as warm temperatures and high, gusty winds quickly followed this precipitation event.

Average precipitation during the month ranges from 0.75 of an inch to 1.25 inches across the HSA. The average precipitation reported from coop observers in January was 0.22 of an inch. The highest monthly precipitation total of 0.59 of an inch was reported in Brown County. Coop observers in Brown and Coleman Counties received just over half of an inch of precipitation in January.

The San Angelo Regional Airport received 0.39 of an inch of precipitation during January, which was 0.43 of an inch below normal for the month. The monthly normal rainfall for San Angelo in January is 0.82 of an inch.

The Abilene Regional Airport received 0.08 of an inch of precipitation during January, which was 0.89 of an inch below normal for the month. The monthly normal rainfall for Abilene in January is 0.97 of an inch.

Junction received 0.09 of an inch of rain during January. The estimated average monthly rainfall in January is about one inch.

**Coop Observer Rainfall Totals for January, 2008:**

<b>Station Name</b>	<b>Amount (in)</b>		<b>Station Name</b>	<b>Amount (in)</b>
Abilene 2	0.07		Merkel 12SW	0.04
Acton Ranch	0.12		Oak Creek Lake	M
Anson	T		Ozona	0.00
Ballinger 2NW	0.34		Ozona 22SE	0.14
Brady	0.31		Paint Rock	0.46
Brownwood	0.59		Putnam	0.22
Burkett	0.55		Red Bluff Crossing	0.31
Coleman	0.46		Richland Springs	0.02
Concho Park	0.31		Robert Lee	0.15
Eden	M		Roscoe	M
Eldorado	0.27		Rotan	0.09
Eldorado 10W	0.36		San Saba 7NW	0.30
Eldorado 12N	0.45		Silver Valley	0.45
Fort Griffin	T		Sonora	0.17
Fort McKavett	0.23		Stamford	0.00
Glen Cove	0.51		Sterling City	0.00
Hamlin	0.02		Taylor Ranch	0.25
Haskell	0.00		Telegraph	M
Hords Creek	M		Throckmorton 7NE	0.09
Humble Pump	0.25		Water Valley	0.22
Junction 4SSW	0.00		Water Valley 11NE	0.25
Lawn	0.24		Winters	0.43
London 3N	0.15		Woodson	0.03
Mason	0.23			
Menard	0.26		(M) <i>Missing data</i>	
			(T) <i>Trace</i>	

**Reservoir Conditions (end of January, 2008)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	64,880	93
Lake Stamford	52,700	49,470	96
Hubbard Creek Lake	317,800	284,880	90
Hords Creek Lake	8,800	7,160	88
Lake Brownwood	131,428	121,910	93
E.V. Spence	488,760	73,710	14
O.C. Fisher	119,200	10,280	9
O.H. Ivie	554,340	370,700	67
Twin Buttes	177,800	82,680	47

**Hydro Products Issued**

FFA = 0

FFW = 0

FFS = 0

FLS = 0 (Urban/Small Stream Advisory)

RVS = 0

FLW = 0

ESF = 1 (Drought Statement)

PNS = 1 (Drought Statement)