

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
December 2006

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

SIGNATURE
Jason Johnson

DATE
January 15, 2007

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.

With a few areas of exception, most of the HSA received below normal rainfall during December. A long dry period from December 1st through 18th was finally interrupted by rain on the 19th. A storm system moved across the southern plains generating widespread showers over west central Texas. Areas across the Big Country and Concho Valley received 0.75 of an inch to just over 1.50 inches of rain. The remainder of the HSA received 0.10 to 0.50 of an inch of rain. A few more storm systems produced scattered showers across the region. These additional events generally produced 0.25 of an inch or less over scattered areas.

The moisture produced during the month provided short term relief to the suffering agricultural drought conditions. However, little to no runoff was produced from the events averting improvements to the hydrologic drought. During December, the U.S. Drought Monitor appropriately depicted moderate to severe drought conditions across the Big Country, while the southern half of the HSA was experiencing severe to extreme drought conditions.

The San Angelo Regional Airport received 0.83 of an inch of precipitation during December, which is 0.11 of an inch below normal for the month. The monthly normal rainfall for San Angelo in December is 0.94 of an inch. San Angelo received 17.65 inches of rain during the year. The normal annual rainfall for San Angelo is 20.91 inches.

The Abilene Regional Airport received 1.16 inches of precipitation during December, which is 0.11 of an inch below normal for the month. The monthly normal rainfall for Abilene in December is 1.27 inches. Abilene received 20.77 inches of rain during the year. The average annual rainfall for Abilene is 23.78 inches.

Junction received 0.64 of an inch of rain during December. During the year, Junction received 17.39 inches of rain.

Coop Observer Rainfall Totals for December, 2006:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	M	Oak Creek Lake	1.15
Acton Ranch	M	Ozona	M
Albany	1.13	Ozona 22SE	1.78
Anson	1.04	Paint Rock	0.60
Ballinger 2NW	0.97	Putnam	0.99
Brady	0.87	Red Bluff Crossing	0.88
Brownwood	0.55	Richland Springs	M
Burkett	0.45	Robert Lee	1.37
Coleman	0.45	Roscoe	1.58
Concho Park	0.42	Rotan	1.56
Eden	M	San Angelo 15WNW	1.12
Eldorado	0.64	San Angelo WFO	0.97
Eldorado 10W	0.68	San Saba 7NW	1.29
Eldorado 12N	0.84	Silver Valley	0.89
Fort Griffin	1.05	Sonora	0.54
Fort McKavett	0.76	Stamford	1.16
Glen Cove	0.66	Sterling City	1.52
Hamlin	1.66	Sterling City 8NE	1.44
Haskell	1.81	Taylor Ranch	1.23
Hords Creek	0.22	Telegraph	0.65
Humble Pump	M	Throckmorton 7NE	1.43
Junction 4SSW	0.85	Water Valley	1.10
Lake Abilene 6WNW	1.72	Water Valley 11NE	1.44
Lawn	0.92	Winters	1.17
London 3N	0.73	Woodson	1.15
Mason	1.19		
Menard	0.53	(M) <i>Missing data</i>	
Merkel 12SW		(T) <i>Trace</i>	

Reservoir Conditions (end of December, 2006)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	37,040	53
Lake Stamford	52,700	32,960	64
Hubbard Creek Lake	317,800	152,620	48
Hords Creek Lake	8,800	4,610	57
Lake Brownwood	131,428	93,220	71
E.V. Spence	488,760	68,950	13
O.C. Fisher	119,200	7,870	7
O.H. Ivie	554,340	219,800	40
Twin Buttes	177,800	40,920	23

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)