

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
November 2009

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

SIGNATURE
Jason Johnson

DATE
December 15, 2009

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.

November was a drier than normal for much of the hydrologic service area (HSA). A few upper level systems pushed into the area and generally brought light rain showers across the area. Late on the 19th into the 20th, a potent shortwave moved east into Texas. Ahead of this wave, a surface low developed and began to pull low level moisture up from the Gulf of Mexico. Overnight, showers and thunderstorms developed and produced heavy rainfall across the southern and southeast portions of the HSA. Isolated areas across Mason and San Saba Counties received two to three inches of rain.

The U.S. Drought Monitor depicted abnormally dry conditions across the southern half of Crockett County and southwestern Sutton County at the end of November.

The average precipitation reported from coop observers in November was 0.19 of an inch. The highest monthly total of 1.57 inches was reported in San Saba County. Coop observers in Mason and San Saba Counties received over one inch of rain in November.

The San Angelo Regional Airport received 0.01 of an inch of precipitation during November, which was 1.09 inches below normal for the month. The monthly normal rainfall for San Angelo in November is 1.10 inches.

The Abilene Regional Airport received 0.02 of an inch of precipitation during November, which was 1.28 inches below normal for the month. The monthly normal rainfall for Abilene in November is 1.30 inches.

Junction received 1.12 inches of rain during November. The estimated average monthly rainfall in November is about 1.50 inches.

Coop Observer Rainfall Totals for November, 2009:

Station Name	Amount (in)		Station Name	Amount (in)
Anson	0.00		Ozona 2	0.27
Ballinger 2NW	0.03		Ozona 22SE	0.38
Brady	0.38		Paint Rock	0.02
Brownwood	0.26		Putnam	0.10
Burkett	0.08		Red Bluff Crossing	1.57
Coleman	0.05		Robert Lee	0.08
Concho Park	0.00		Roscoe	0.00
Eden	0.02		Rotan	0.08
Eldorado	0.16		San Angelo WFO	0.02
Fort Griffin	0.03		San Saba 7NW	0.28
Fort McKavett	0.34		Santa Anna 12SSE	0.22
Glen Cove 2NE	0.02		Silver Valley	0.00
Hamlin	0.00		Sonora	0.55
Haskell	0.00		Stamford	0.00
Junction 4SSW	0.50		Sterling City	0.02
Lawn	0.00		Throckmorton 7NE	0.02
London 3N	0.08		Water Valley	0.06
Mason	1.45		Winters 1NE	0.23
Menard	0.30		Woodson	0.00
Merkel 12SW	0.02			
Mertzon 12NNW	0.12		(M) <i>Missing data</i>	
			(T) <i>Trace</i>	

Reservoir Conditions (end of November, 2009)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	46,840	67
Lake Stamford	52,700	35,220	68
Hubbard Creek Lake	317,800	217,860	68
Hords Creek Lake	8,800	3,900	48
Lake Brownwood	131,428	89,410	68
E.V. Spence	488,760	24,920	5
O.C. Fisher	119,200	4,140	3
O.H. Ivie	554,340	237,800	43
Twin Buttes	177,800	41,340	23

Hydro Products Issued

FLS = 2 (Flood Advisory)

ESF = 2

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for November across the San Angelo HSA is depicted below.

