

<b>NWS FORM E-5</b> (11-88) (PRES. by NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>WFO Midland, Texas</b>
	<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>	REPORT FOR: MONTH      YEAR <b>December    2008</b>
TO:      Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE <b>Christopher Daniels</b>  In Charge of HSA	DATE <b>January 28, 2009</b>

*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)*

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

Dry conditions continued across West Texas and Southeast New Mexico during the month of December. Most areas across the region received well below normal precipitation with many areas receiving a trace to no rainfall. The only major storm system that affected the region was a strong upper level low that traversed the area on December 9<sup>th</sup>. The low brought light rain and a mix of rain and snow to many areas. Most areas received less than a tenth of an inch with isolated areas in Southeast New Mexico and the Trans Pecos Region receiving up to a quarter of an inch. Overall, the year ended with well below normal precipitation as drought conditions continued to worsen.

After receiving a trace of rainfall in November, Midland International Airport once again only recorded a trace of rainfall in December. The last measurable rainfall reported at the airport was on October 14<sup>th</sup>. Midland International finished year with a total of 10.01 inches. This is 4.79 inches below the normal rainfall of 14.80 inches. In 2007, the airport recorded a yearly total of 21.27 inches which is well above normal. As we start 2009, dry conditions continue and a dry pattern looks to continue for much of the month of January.

**Precipitation amounts from area ASOS:**

City	ASOS ID	December	November
Carlsbad, NM	CNM	0.15 inches	0.03 inches
Fort Stockton	FST	0.20 inches	Trace
Guadalupe Pass	GDP	0.05 inches	Trace
Midland Int'l	MAF	Trace	Trace
Odessa	ODO	0.01 inches	0.07 inches
Terrell County	6R6	0.11 inches	0.01 inches
Wink	INK	Trace	0.02 inches

**Precipitation amounts from area AWOS:**

City	ASOS ID	December	November
Alpine	E38	0.06 inches	0.01 inches
Artesia, NM	ATS	0.01 inches	0.00 inches
Big Spring	BGP	0.00 inches	0.06 inches
Gaines County	GNC	0.06 inches	0.05 inches
Marfa	MRF	0.04 inches	0.10 inches
Midland Airpark	MDD	0.00 inches	0.05 inches
Pecos	PEQ	0.05 inches	0.00 inches
Snyder	SNK	0.00 inches	0.03 inches

**Average reservoir levels across the HSA averaged 45% of conservation capacity at the end of December.**

Reservoir (County, State)	December Conserv Cap (%)	November Conserv Cap (%)
JB Thomas (Scurry, TX)	8	9
Colorado City (Mitchell, TX)	70	71
Champion Creek (Mitchell, TX)	22	22
Natural Dam Salt Lake (Howard, TX)	49	N/A
Moss Creek (Howard, TX)	80	81
Brantley (Eddy, NM)	N/A	N/A
Avalon (Eddy, NM)	50	35
Red Bluff (Reeves, TX)	27	27

**Products Issued for December:**

Flash Flood Watches: 0  
Flash Flood Warnings: 0  
Flash Flood Statements: 0  
Flood Warnings: 10  
Flood Statements: 0  
Hydrologic Statements (RVSMAF): 30  
Drought Statements: 1  
Hydrologic Outlooks (ESFMAF): 0  
**Total Products Issued: 31**

cc: email: HIC, SRH, NWS ABQ, NWS EPZ, NWS FWR, NWS LBB,  
NWS MAF, NWS SJT, LCRA, TAMU, TCEQ, COE ABQ, IBWC PRD, IBWC ELP, USGS  
SJT, USGS CNM