

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**December**

YEAR

**2011**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**January 15, 2012**

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

*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.

Precipitation improved over West Texas and Southeast New Mexico during December, but contributed little to alleviating long-term drought relief for the region. No notable hydrologic events occurred.

Precipitation amounts from area ASOS's:

City	ASOS ID	December	November
Carlsbad, NM	CNM	0.90"	0.09"
Fort Stockton	FST	0.81"	0.02"
Guadalupe Pass	GDP	0.79"	0.04"
Midland Int'l	MAF	1.63"	0.20"
Odessa	ODO	1.34"	0.46"
Terrell County	6R6	0.26"	0.01"
Wink	INK	0.96"	T

Precipitation amounts from area AWOS's:

City	ASOS ID	December	November
Alpine	E38	0.36"	0.00"
Artesia, NM	ATS	0.28"	0.00"
Big Spring	BGP	0.87"	0.19"
Gaines County	GNC	0.80"	0.06"
Marfa	MRF	0.22"	0.00"
Midland Airpark	MDD	0.66"	0.47"
Pecos	PEQ	0.53"	0.01"
Snyder	SNK	1.03"	0.11"

Some other locations in the HSA that received notable amounts of precipitation for December were:

Cope Ranch, Reagan County 1.88"  
Dog Canyon, Culberson County 2.35"

Caprock, Lea County	3.16"
Seminole, Gaines County	3.26"

111 locations reported rainfall for the month of December, for an average of 0.98".

Normal December precipitation for Midland International Airport is 0.65". Total precipitation for Midland International Airport for the year ending January 1<sup>st</sup> was 5.49", or 9.31" below normal, making 2011 Midland's 3<sup>rd</sup> driest year on record.

Although December witnessed improved precipitation, the drought continues. As of December 27<sup>th</sup>, all of Southeast New Mexico was in exceptional drought, except for southeast Eddy and southwest Lea Counties, which was in extreme drought. In West Texas most of the region remained in exceptional drought. Eastern Jeff Davis, northern Brewster, and southwestern Pecos Counties remained in severe-to-extreme drought. This severe to extreme improvement persisted in other portions of the Stockton Plateau and southern Permian Basin. Central Reeves County remained in extreme drought. Borden, Scurry, and Mitchell Counties improved to severe to extreme drought.

Reservoir levels across the HSA averaged 26% of conservation capacity as of January 1<sup>st</sup>:

Reservoir (County, State)	December Conserv Cap (%)	November Conserv Cap (%)
JB Thomas (Scurry, TX)	1	1
Colorado City (Mitchell, TX)	32	32
Champion Creek (Mitchell, TX)	12	12
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	43	44
Brantley (Eddy, NM)	28	21
Avalon (Eddy, NM)	36	36
Red Bluff (Reeves, TX)	5	3

**Non-Routine Products Issued for December:**

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 0  
Flash Flood Statements (FFS): 0  
Flood Warnings (FLW): 0  
Flood Statements (FLS): 0

**Total Non-Routine Products Issued: 0**

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