

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

December

YEAR

2010

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

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

January 15, 2011

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.

The dry, synoptic pattern continued as fall transitioned to winter, exacerbated by La Nina, with little rainfall across the region and no significant hydrologic events noted.

Precipitation amounts from area ASOS:

City	ASOS ID	December	November
Carlsbad, NM	CNM	T	T
Fort Stockton	FST	0.00"	0.00"
Guadalupe Pass	GDP	0.08"	0.00"
Midland Int'l	MAF	0.02"	0.00"
Odessa	ODO	T	0.00"
Terrell County	6R6	0.01"	0.00"
Wink	INK	0.01"	0.00"

Precipitation amounts from area AWOS:

City	ASOS ID	December	November
Alpine	E38	0.00"	0.00"
Artesia, NM	ATS	0.02"	0.00"
Big Spring	BGP	0.00"	0.00"
Gaines County	GNC	0.02"	0.00"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.00"	0.00"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	0.14"	0.37"

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

Jal, Lea County 0.05"
 Lamesa, Dawson County 0.06"

Fluvanna, Scurry County 0.06"
 Bakersfield, Pecos County 0.07"
 Big Lake, Reagan County 0.52"

103 locations reported rainfall for the month of December, for an average of 0.02".

Normal December precipitation for Midland International Airport is 0.65". Total precipitation for Midland International Airport for 2010 was 16.40", or 1.60" above normal.

With such meager rainfall during December, the drought continues. All of Southeast New Mexico and West Texas are in moderate drought but far northeast Lea County, which is abnormally dry. West Texas along and southeast of a line extending from Presidio to Big lake are now in severe drought. The rest of West Texas is in moderate drought.

Reservoir levels across the HSA averaged 40% of conservation capacity at the end of December.

Reservoir (County, State)	December Conserv Cap (%)	November Conserv Cap (%)
JB Thomas (Scurry, TX)	6	6
Colorado City (Mitchell, TX)	49	50
Champion Creek (Mitchell, TX)	19	16
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	80	68
Brantley (Eddy, NM)	28	22
Avalon (Eddy, NM)	61	61
Red Bluff (Reeves, TX)	24	23

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