

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

January

YEAR

2011

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

February 15, 2011

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.

The dry, synoptic pattern continued through January, exacerbated by La Nina, with little rainfall across the region and no significant hydrologic events noted.

Precipitation amounts from area ASOS:

City	ASOS ID	January	December
Carlsbad, NM	CNM	T	T
Fort Stockton	FST	0.04"	0.00"
Guadalupe Pass	GDP	T	0.08"
Midland Int'l	MAF	0.02"	0.02"
Odessa	ODO	0.03"	T
Terrell County	6R6	0.34"	0.01"
Wink	INK	0.04"	0.01"

Precipitation amounts from area AWOS:

City	ASOS ID	January	December
Alpine	E38	0.10"	0.00"
Artesia, NM	ATS	0.00"	0.02"
Big Spring	BGP	0.00"	0.00"
Gaines County	GNC	0.01"	0.02"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.00"	0.00"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	0.00"	0.14"

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

Rio Grande Village, Brewster County 0.95"
 Sanderson, Terrell County 0.37"
 Dog Canyon, Culberson County 0.30"

109 locations reported rainfall for the month of January, for an average of 0.03".

Normal January precipitation for Midland International Airport is 0.53". Total precipitation for Midland International Airport for the year ending February 1st was 0.02", or 0.51" below normal.

With such meager rainfall during January, the drought continues. All of West Texas along and south of a Van Horn-to-Big Spring line is in severe drought, with the exception of Reagan County, most of which is in moderate drought. The rest of the HSA is also in moderate drought.

Reservoir levels across the HSA averaged 38% of conservation capacity at the end of January.

Reservoir (County, State)	January Conserv Cap (%)	December Conserv Cap (%)
JB Thomas (Scurry, TX)	6	6
Colorado City (Mitchell, TX)	49	50
Champion Creek (Mitchell, TX)	18	16
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	82	68
Brantley (Eddy, NM)	33	22
Avalon (Eddy, NM)	45	61
Red Bluff (Reeves, TX)	25	23

Non-Routine Products Issued for January:

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**