

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

February

YEAR

2011

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

March 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 February, exacerbated by La Nina, with little rainfall across the region and no significant hydrologic events noted.

Precipitation amounts from area ASOS:

City	ASOS ID	February	January
Carlsbad, NM	CNM	T	T
Fort Stockton	FST	T	0.04"
Guadalupe Pass	GDP	0.02"	T
Midland Int'l	MAF	0.05"	0.02"
Odessa	ODO	0.03"	0.03"
Terrell County	6R6	0.00"	0.34"
Wink	INK	T	0.04"

Precipitation amounts from area AWOS:

City	ASOS ID	February	January
Alpine	E38	0.00"	0.10"
Artesia, NM	ATS	0.00"	0.00"
Big Spring	BGP	0.02"	0.00"
Gaines County	GNC	0.17"	0.01"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.03"	0.00"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	0.13"	0.00"

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

Lamesa, Dawson County 0.31"
Tatum, Lea County 0.36"
Andrews, Andrews County 0.36"

Dog Canyon, Culberson County 0.51"
Caprock, Lea County 0.56"

112 locations reported rainfall for the month of February, for an average of 0.09".

Normal February precipitation for Midland International Airport is 0.58". Total precipitation for Midland International Airport for the year ending March 1st was 0.07", or 1.04" below normal.

With such meager rainfall during February, the drought continues. As of March 1st, most of Southeast New Mexico and West Texas were in severe drought. Portions of the Western Low Rolling Plains were in moderate drought. Parts of Glasscock, Martin, Midland, and Terrell Counties were deteriorating into extreme drought.

Reservoir levels across the HSA averaged 39% of conservation capacity as of March 1st.

Reservoir (County, State)	February Conserv Cap (%)	January Conserv Cap (%)
JB Thomas (Scurry, TX)	5	6
Colorado City (Mitchell, TX)	48	49
Champion Creek (Mitchell, TX)	18	18
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	82	82
Brantley (Eddy, NM)	37	33
Avalon (Eddy, NM)	45	45
Red Bluff (Reeves, TX)	25	25

Non-Routine Products Issued for February:

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