

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

February

YEAR

2016

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

March 15, 2016

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.

February saw one widespread convective event late in the month, but no flooding was reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	CNM	0.07"	0.11"
Fort Stockton	FST	0.34"	0.54"
Guadalupe Pass	GDP	T	0.14"
Midland Int'l	MAF	0.30"	1.24"
Odessa	ODO	0.28"	0.85"
Terrell County	6R6	0.52"	0.52"
Wink	INK	0.08"	0.38"

Precipitation amounts from area AWOS's:

City	AWOS ID	February	January
Alpine	E38	0.02"	0.10"
Artesia, NM	ATS	0.18"	0.05"
Big Spring	BGP	0.16"	0.53"
Gaines County	GNC	0.07"	0.49"
Hobbs	HOB	0.33"	6.21"
Marfa	MRF	0.01"	0.08"
Midland Airpark	MDD	0.14"	0.21"
Pecos	PEQ	0.01"	0.26"
Snyder	SNK	0.11"	0.49"

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

Lees, Glasscock County	0.45"
Saint Lawrence, Reagan County	0.55"
McCamey, Upton County	0.57"
Seminole, Gaines County	0.65"

86 locations reported rainfall for the month of February, for an HSA average of 0.27".

Normal February precipitation for Midland International Air and Space Port is 0.71". Total precipitation for the airport for the year ending March 1st was 0.18", or 0.79" below normal.

Due to lack of recent rains, West Texas and Southeast New Mexico are drying out again. As of February 23th, in Southeast New Mexico, all of Eddy County and the southern 2/3rds of Lea County were abnormally dry. The northern 1/3rd of Lea County was normal. This abnormal dryness bled over into adjacent parts of West Texas, including into Andrews, Culbreson, Gaines, Loving, Reeves, and Winkler Counties. Further east, the upper Colorado River Valley was abnormally dry. Down south, the southern parts of Brewster and Presidio Counties were abnormally dry as well. The rest of West Texas was normal.

Reservoir levels across the HSA averaged 61.2% of conservation capacity as of March 1st.

Reservoir (County, State)	February Conserv Cap (%)	January Conserv Cap (%)
JB Thomas (Scurry, TX)	70.8	72.5
Colorado City (Mitchell, TX)	27.8	28.5
Champion Creek (Mitchell, TX)	22.7	23.0
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	50.0	28.0
Brantley (Eddy, NM)	83.0	100.0+
Avalon (Eddy, NM)	96.0	61.0
Red Bluff (Reeves, TX)	90.6	90.9

Non-Routine Products Issued for February:

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