

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

February

2018

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

March 15, 2018

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 drought continued in February, with very little rainfall and no hydrologic events reported. However, the rest of Texas east of here had a wet month, suggesting that this drought may not be as prolonged/severe as 2011.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	KCNM	0.18"	0.07"
Fort Stockton	KFST	T	0.06"
Guadalupe Pass	KGDP	0.17"	0.13"
Midland Int'l	KMAF	0.04"	0.01"
Odessa	KODO	0.05"	T
Terrell County	K6R6	0.02"	0.00"
Wink	KINK	0.02"	T

Precipitation amounts from area AWOS's:

City	AWOS ID	February	January
Alpine	KE38	0.03"	0.02"
Andrews County	KE11	0.19"	M
Artesia, NM	KATS	0.25"	0.01"
Big Spring	KBGP	0.10"	0.01"
Gaines County	KGNC	0.08"	0.00"
Hobbs, NM	KHOB	0.04"	0.00"
Marfa	KMRF	T	T
Midland Airpark	KMDD	0.05"	0.00"
Pecos	KPEQ	0.00"	0.02"
Presidio	KPRS	0.00"	0.00"
Snyder	KSNK	0.12"	0.03"

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

Pine Springs, Culberson County 0.43"
Gail, Borden County 0.45"
Queen, Eddy County 0.47"
McCamey, Upton County 0.56"

101 locations reported rainfall for the month of February, for an HSA average of 0.14".

Normal February precipitation for Midland International Air and Space Port is 0.71". Total precipitation for the airport for 2018 was 0.05", or 1.22" below normal.

Due to meager rainfall for February, as of March 1st, severe drought now covers most of northern Lea County, with moderate drought over the rest of Southeast New Mexico. In West Texas, most of the Western Low Rolling Plains and upper Colorado River Valley is now in severe drought. The Trans Pecos is abnormally dry, and the rest of West Texas is in moderate drought.

Reservoir levels across the HSA averaged 54.8% of conservation capacity as of March 1st:

Reservoir (County, State)	March 1 Conserv Cap (%)	February 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	46.2	47.2
Colorado City (Mitchell, TX)	39.6	40.0
Champion Creek (Mitchell, TX)	46.1	46.4
Moss Creek (Howard, TX)	77.0	76.0
Brantley (Eddy, NM)	100.0	97.0
Avalon (Eddy, NM)	1.0	1.0
Red Bluff (Reeves, TX)	73.6	73.1

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**