

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

February

2020

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

March 15, 2020

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 was a wet month for West Texas and Southeast New Mexico, although no flooding was reported. The most interesting event of note was a snow storm early in the month. Midland International Air and Space Port had 7.9" of snowfall, making this the 4th highest snowfall on record.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	KCNM	0.11"	0.14"
Fort Stockton	KFST	0.14"	0.55"
Guadalupe Pass	KGDP	0.06"	0.20"
Midland Int'l	KMAF	1.16"	0.67"
Odessa	KODO	0.71"	0.51"
Terrell County	K6R6	0.70"	0.23"
Wink	KINK	0.18"	0.56"

Precipitation amounts from area AWOS's:

City	AWOS ID	February	January
Alpine	KE38	0.86"	0.43"
Andrews County	KE11	0.25"	0.63"
Artesia, NM	KATS	0.30"	0.22"
Big Spring	KBGP	M	0.00"
Gaines County	KGNC	0.05"	0.12"
Hobbs, NM	KHOB	0.07"	0.07"
Marfa	KMRF	0.32"	0.61"
Midland Airpark	KMDD	M	0.00"
Pecos	KPEQ	0.33"	0.41"
Presidio	KPRS	0.22"	0.17"
Snyder	KSNK	1.04"	1.02"

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

Lomax, Howard County 1.76"
 Cope Ranch, Reagan County 1.79"
 St. Lawrence, Reagan County 2.01"
 Colorado City, Mitchell County 2.35"

102 locations reported rainfall for the month of February, for an HSA average of 0.78".

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 1.83", or 0.56" above normal.

As of February 27TH, a few locations in West Texas and Southeast New Mexico were abnormally dry. All of West Texas and Southeast New Mexico was out of drought.

Reservoir levels across the HSA averaged 63.6% of conservation capacity as of March 1st:

Reservoir (County, State)	March 1 Conserv Cap (%)	February 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	23.8	24.1
Colorado City (Mitchell, TX)	44.7	44.6
Champion Creek (Mitchell, TX)	66.2	66.2
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	83.0	82.0
Brantley (Eddy, NM)	93.0	94.0
Avalon (Eddy, NM)	83.0	44.0
Red Bluff (Reeves, TX)	66.5	65.0

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**