

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2018

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

February 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.

January was a very dry month for West Texas and Southeast New Mexico, as La Nina appears to have settled into the Western Hemisphere. It goes almost without saying that no hydrologic events were reported. West Texas and Southwest New Mexico may very well be entering the next drought. This was the driest calendar month since January 2014.

Precipitation amounts from area ASOS's:

City	ASOS ID	January	December
Carlsbad, NM	KCNM	0.07"	0.16"
Fort Stockton	KFST	0.06"	0.93"
Guadalupe Pass	KGDP	0.13"	0.29"
Midland Int'l	KMAF	0.01"	0.39"
Odessa	KODO	T	0.41"
Terrell County	K6R6	0.00"	1.46"
Wink	KINK	T	0.47"

Precipitation amounts from area AWOS's:

City	AWOS ID	January	December
Alpine	KE38	0.02"	0.56"
Andrews County	KE11	M	M
Artesia, NM	KATS	0.01"	0.00"
Big Spring	KBGP	0.01"	0.13"
Gaines County	KGNC	0.00"	0.15"
Hobbs, NM	KHOB	0.00"	0.03"
Marfa	KMRF	T	0.47"
Midland Airpark	KMDD	0.00"	0.06"
Pecos	KPEQ	0.02"	0.71"
Presidio	KPRS	0.00"	0.55"
Snyder	KSNK	0.03"	0.08"

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

Bakersfield, Pecos County	0.17"
Caprock, Lea County	0.27"
Dog Canyon, Culberson County	0.46"
Pine Springs, Culberson County	0.50"

101 locations reported rainfall for the month of January, for an HSA average of 0.04".

Normal January precipitation for Midland International Air and Space Port is 0.56". Total precipitation for the airport for 2018 was 0.01", or 0.55" below normal.

Due to meager rainfall for January, as of February 1st, moderate drought remained in northeast Lea County, with severe drought creeping into extreme northeast Lea County. Moderate drought had also developed into northwest Eddy County. The rest of Southeast New Mexico was abnormally dry. In West Texas, moderate drought had developed into the Western Low Rolling Plains and northern Permian Basin. Moderate drought had also developed along the Rio Grande, covering most of Presidio County and the southern half of Brewster. The rest of West Texas was either abnormally dry or out of drought.

Reservoir levels across the HSA averaged 54.4% of conservation capacity as of February 1st:

Reservoir (County, State)	February 1 Conserv Cap (%)	January 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	47.2	48.4
Colorado City (Mitchell, TX)	40.0	40.4
Champion Creek (Mitchell, TX)	46.4	46.7
Moss Creek (Howard, TX)	76.0	78.0
Brantley (Eddy, NM)	97.0	89.0
Avalon (Eddy, NM)	1.0	1.0
Red Bluff (Reeves, TX)	73.1	72.4

Non-Routine Products Issued for January:

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