

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

December

YEAR

2018

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

January 15, 2019

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.

December was a relatively wet month for West Texas and Southeast New Mexico, characterized by steady events with small precipitation amounts that added up. As such, no significant hydrologic reports were received. This brings to an end a year that began dry, and ended with above-normal rainfall for much of the HSA.

Precipitation amounts from area ASOS's:

City	ASOS ID	December	November
Carlsbad, NM	KCNM	0.33"	0.01"
Fort Stockton	KFST	0.46"	0.03"
Guadalupe Pass	KGDP	M	M
Midland Int'l	KMAF	1.02"	0.04"
Odessa	KODO	0.95"	T
Terrell County	K6R6	1.23"	0.00"
Wink	KINK	0.57"	0.05"

Precipitation amounts from area AWOS's:

City	AWOS ID	December	November
Alpine	KE38	0.23"	0.01"
Andrews County	KE11	1.04"	0.07"
Artesia, NM	KATS	0.46"	0.01"
Big Spring	KBGP	0.48"	0.04"
Gaines County	KGNC	0.65"	0.01"
Hobbs, NM	KHOB	0.23"	0.00"
Marfa	KMRF	M	M
Midland Airpark	KMDD	0.29"	0.00"
Pecos	KPEQ	0.41"	0.03"
Presidio	KPRS	0.62"	0.00"
Snyder	KSNK	M	M

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

Chisos Basin, Brewster County 1.75"
Lamesa, Dawson County 1.87"
Welch, Dawson County 1.96"
Cope Ranch, Reagan County 2.83"

102 locations reported rainfall for the month of December, for an HSA average of 0.93".

Normal December precipitation for Midland International Air and Space Port is 0.60". Total precipitation for the airport for 2018 was 17.69", 3.09" above normal, and 121% of normal.

As of January 1st, western Eddy County in Southeast New Mexico was in severe and moderate drought, bordered by abnormally dry conditions east and south. The rest of West Texas and Southeast New Mexico remained out of drought.

Reservoir levels across the HSA averaged 45.6% of conservation capacity as of January 1st:

Reservoir (County, State)	January 1 Conserv Cap (%)	December 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	37.0	38.6
Colorado City (Mitchell, TX)	50.5	51.0
Champion Creek (Mitchell, TX)	69.7	69.6
Moss Creek (Howard, TX)	33.0	84.0
Brantley (Eddy, NM)	64.0	51.0
Avalon (Eddy, NM)	1.0	30.0
Red Bluff (Reeves, TX)	64.2	60.6

Non-Routine Products Issued for December:

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**