

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2017

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

February 15, 2017

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.

2017 began rather prosaically, and few hydrologic events were noted. The Rio Grande flooded briefly at Candelaria during the middle of January, but that was due to convection on the Mexico side of the river.

Precipitation amounts from area ASOS's:

City	ASOS ID	January	December
Carlsbad, NM	CNM	0.61"	0.71"
Fort Stockton	FST	0.50"	0.45"
Guadalupe Pass	GDP	0.27"	0.23"
Midland Int'l	MAF	1.12"	0.41"
Odessa	ODO	1.15"	0.47"
Terrell County	6R6	0.49"	0.57"
Wink	INK	1.03"	0.84"

Precipitation amounts from area AWOS's:

City	AWOS ID	January	December
Alpine	E38	1.15"	0.59"
Artesia, NM	ATS	0.78"	0.25"
Big Spring	BGP	1.60"	0.37"
Gaines County	GNC	0.93"	0.85"
Hobbs	HOB	0.77"	0.39"
Marfa	MRF	0.77"	0.49"
Midland Airpark	MDD	0.16"	0.05"
Pecos	PEQ	0.34"	0.51"
Snyder	SNK	1.03"	0.70"

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

Gail, Borden County	1.85"
Cope Ranch, Reagan County	2.01"
Welch, Dawson County	2.49"
Bakersfield, Pecos County	2.68"

100 locations reported rainfall for the month of January, for an HSA average of 0.99".

Normal January precipitation for Midland International Air and Space Port is 0.56". Total precipitation for the airport for the year ending February 1st was 1.12", or 0.56" above normal.

Due to rain in January, West Texas and Southeast New Mexico are completely out of drought.

Reservoir levels across the HSA averaged 64.2% of conservation capacity as of February 1st:

Reservoir (County, State)	January Conserv Cap (%)	December Conserv Cap (%)
JB Thomas (Scurry, TX)	64.0	64.4
Colorado City (Mitchell, TX)	47.8	48.3
Champion Creek (Mitchell, TX)	37.7	37.4
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	83.0	71.0
Brantley (Eddy, NM)	80.0	77.0
Avalon (Eddy, NM)	65.0	54.0
Red Bluff (Reeves, TX)	87.8	86.3

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): 4
Flood Warnings (FLW): 1

Total Non-Routine Products Issued: 5

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