

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

December

YEAR

2017

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

January 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.

December was warm and dry, a sign that La Nina has indeed arrived. No significant hydrologic events were reported or occurred, except for a storm system early in the month that brought a little snow, mainly confined to the higher elevations of the HSA.

Precipitation amounts from area ASOS's:

City	ASOS ID	December	November
Carlsbad, NM	KCNM	0.16"	0.34"
Fort Stockton	KFST	0.93"	0.31"
Guadalupe Pass	KGDP	0.29"	0.16"
Midland Int'l	KMAF	0.39"	0.40"
Odessa	KODO	0.41"	0.34"
Terrell County	K6R6	1.46"	0.03"
Wink	KINK	0.47"	0.24"

Precipitation amounts from area AWOS's:

City	AWOS ID	December	November
Alpine	KE38	0.56"	0.08"
Artesia, NM	KATS	0.00"	0.10"
Big Spring	KBGP	0.13"	0.39"
Gaines County	KGNC	0.15"	0.48"
Hobbs	KHOB	0.03"	0.03"
Marfa	KMRF	0.47"	0.03"
Midland Airpark	KMDD	0.06"	0.08"
Pecos	KPEQ	0.71"	0.11"
Presidio	KPRS	0.55"	0.00"
Snyder	KSNK	0.08"	0.37"

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

Panther Junction, Brewster County 1.27"
 Marathon, Brewster County 1.65"
 Persimmon Gap, Brewster County 1.73"
 Mount Locke, Jeff Davis County 1.77"

101 locations reported rainfall for the month of December, for an HSA average of 0.55".

Normal December precipitation for Midland International Air and Space Port is 0.69". Total precipitation for the airport for 2017 was 17.73", or 3.15" above normal, or 121% of normal. This makes 2017 Midland's 20th wettest year on record.

Due to meager rainfall for December, as of December 28th, moderate drought has developed into northeast Lea County. The rest of Southeast New Mexico is either abnormally dry or remains out of drought. Similarly, West Texas is either abnormally dry or out of drought.

Reservoir levels across the HSA averaged 53.7% of conservation capacity as of January 1st:

Reservoir (County, State)	January 1 Conserv Cap (%)	December 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	48.4	49.7
Colorado City (Mitchell, TX)	40.4	41.1
Champion Creek (Mitchell, TX)	46.7	47.3
Moss Creek (Howard, TX)	78.0	75.0
Brantley (Eddy, NM)	89.0	83.0
Avalon (Eddy, NM)	1.0	1.0
Red Bluff (Reeves, TX)	72.4	71.1

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**