

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

November

YEAR

2018

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

December 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.

The synoptic pattern shifted abruptly in November to one which did not favor significant rainfall for West Texas and Southeast New Mexico. As a result, no significant hydrologic events were reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	November	October
Carlsbad, NM	KCNM	0.01"	3.89"
Fort Stockton	KFST	0.03"	4.04"
Guadalupe Pass	KGDP	M	2.31"
Midland Int'l	KMAF	0.04"	5.44"
Odessa	KODO	T	3.94"
Terrell County	K6R6	0.00"	2.71"
Wink	KINK	0.05"	4.29"

Precipitation amounts from area AWOS's:

City	AWOS ID	November	October
Alpine	KE38	0.01"	2.68"
Andrews County	KE11	0.07"	4.22"
Artesia, NM	KATS	0.01"	1.62"
Big Spring	KBGP	0.04"	5.34"
Gaines County	KGNC	0.01"	5.46"
Hobbs, NM	KHOB	0.00"	1.39"
Marfa	KMRF	M	1.14"
Midland Airpark	KMDD	0.00"	1.09"
Pecos	KPEQ	0.03"	2.82"
Presidio	KPRS	0.00"	1.56"
Snyder	KSNK	M	M

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

Carlsbad Caverns, Eddy County	0.52"
Big Lake, Reagan County	0.55"
Valentine 10WSW, Presidio County	0.56"
Crane, Crane County	0.76"

100 locations reported rainfall for the month of November, for an HSA average of only 0.15".

Normal November precipitation for Midland International Air and Space Port is 0.69". Total precipitation for the airport for the year ending December 1st was 16.67", or 2.67" above normal.

As of December 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 47.9% of conservation capacity as of December 1st:

Reservoir (County, State)	December 1 Conserv Cap (%)	November 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	37.7	38.6
Colorado City (Mitchell, TX)	50.8	51.0
Champion Creek (Mitchell, TX)	69.7	69.6
Moss Creek (Howard, TX)	66.0	84.0
Brantley (Eddy, NM)	58.0	51.0
Avalon (Eddy, NM)	1.0	30.0
Red Bluff (Reeves, TX)	62.4	60.6

Non-Routine Products Issued for November:

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