

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas
		REPORT FOR: MONTH March YEAR 2018
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE J. DeBerry In Charge of HSA
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE April 15, 2018

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 drought continued in March. A couple of severe thunderstorm events occurred late in the month, but no flooding was reported. The drought continues.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	KCNM	0.02"	0.18"
Fort Stockton	KFST	0.01"	T
Guadalupe Pass	KGDP	0.03"	0.17"
Midland Int'l	KMAF	0.11"	0.04"
Odessa	KODO	0.45"	0.05"
Terrell County	K6R6	1.40"	0.02"
Wink	KINK	0.25"	0.02"

Precipitation amounts from area AWOS's:

City	AWOS ID	March	February
Alpine	KE38	0.08"	0.03"
Andrews County	KE11	0.24"	0.19"
Artesia, NM	KATS	0.10"	0.25"
Big Spring	KBGP	0.10"	0.10"
Gaines County	KGNC	0.79"	0.08"
Hobbs, NM	KHOB	0.04"	0.04"
Marfa	KMRF	0.16"	T
Midland Airpark	KMDD	0.34"	0.05"
Pecos	KPEQ	0.27"	0.00"
Presidio	KPRS	0.00"	0.00"
Snyder	KSNK	0.00"	0.12"

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

Seminole, Gaines County	0.87"
Lamesa, Borden County	0.97"
Lenorah, Martin County	0.97"
Seagraves, Gaines County	1.53"
Tarzan, Martin County	1.94"

100 locations reported rainfall for the month of March, for an HSA average of 0.26".

Normal March precipitation for Midland International Air and Space Port is 0.60". Total precipitation for the airport for 2018 was 0.16", or 1.73" below normal.

Due to meager rainfall for March, as of March 27th, severe drought persists, and covers most of northern Lea County, with moderate drought over the rest of Southeast New Mexico. In West Texas, most of the Western Low Rolling Plains and upper Colorado River Valley remain in severe drought. A portion of the lower Trans Pecos is abnormally dry, as are the Texas Guadalupe Mountains. The rest of West Texas is in moderate drought.

Reservoir levels across the HSA averaged 59.7% of conservation capacity as of April 1st:

Reservoir (County, State)	April 1 Conserv Cap (%)	March 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	44.9	46.2
Colorado City (Mitchell, TX)	38.4	39.6
Champion Creek (Mitchell, TX)	45.5	46.1
Moss Creek (Howard, TX)	75.0	77.0
Brantley (Eddy, NM)	83.0	100.0
Avalon (Eddy, NM)	57.0	1.0
Red Bluff (Reeves, TX)	73.8	73.6

Non-Routine Products Issued for March:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 0
Flash Flood Statements (FFS): 0
Flood Advisories/Statements (FLS): 2
Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 2

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