

WFO Midland, Texas**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

April

YEAR

2018

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 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 drought continued in April, with very little rainfall noted. As of May 1st, this is the second driest year on record for Midland International Air and Space Port.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	KCNM	T	0.02"
Fort Stockton	KFST	0.49"	0.01"
Guadalupe Pass	KGDP	0.02"	0.03"
Midland Int'l	KMAF	T	0.11"
Odessa	KODO	T	0.45"
Terrell County	K6R6	0.00"	1.40"
Wink	KINK	0.00"	0.25"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	KE38	0.21"	0.08"
Andrews County	KE11	0.00"	0.24"
Artesia, NM	KATS	0.00"	0.10"
Big Spring	KBGP	0.00"	0.10"
Gaines County	KGNC	0.00"	0.79"
Hobbs, NM	KHOB	0.00"	0.04"
Marfa	KMRF	0.16"	0.16"
Midland Airpark	KMDD	0.00"	0.34"
Pecos	KPEQ	0.00"	0.27"
Presidio	KPRS	0.00"	0.00"
Snyder	KSNK	0.00"	0.00"

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

Panther Junction, Brewster County 0.19"
 Pine Springs, Culberson County 0.34"
 Ft. Davis, Jeff Davis County 0.42"
 Gail, Borden County 0.66"

100 locations reported rainfall for the month of April, for an HSA average of 0.13".

Normal April precipitation for Midland International Air and Space Port is 0.65". Total precipitation for the airport for the year ending May 1st was 0.16", or 2.39" below normal.

Due to little rainfall for April, as of April 26th, severe drought persists, and covers most of northern Lea County, with moderate drought over the rest of Southeast New Mexico. Most of West Texas is either in severe or moderate drought. The only exceptions are abnormally dry conditions in a portion of the Guadalupe Mountains, and most of Terrell County.

Reservoir levels across the HSA averaged 57.4% of conservation capacity as of May 1st:

Reservoir (County, State)	May 1 Conserv Cap (%)	April 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	42.8	44.9
Colorado City (Mitchell, TX)	37.1	38.4
Champion Creek (Mitchell, TX)	44.7	45.5
Moss Creek (Howard, TX)	73.0	75.0
Brantley (Eddy, NM)	66.0	83.0
Avalon (Eddy, NM)	66.0	57.0
Red Bluff (Reeves, TX)	72.0	73.8

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 0
 Flash Flood Warnings (FFW): 0
 Flash Flood Statements (FFS): 0
 Flood Advisories/Statements (FLS): 1
Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 1

**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**