

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2019

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 15, 2019

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.

April was a very active month, as the spring severe weather season kicked into high gear. Many hail events were noted, including one that caused widespread damage to west Midland in Midland County, where hail to the size of baseballs fell.

Rainfall ranged from near-normal to abundant, especially along and east of the West Texas Pecos. Only one instance of flash flooding was reported, when thunderstorms flooded vehicles up to their doors east of Seminole in Gaines County.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	KCNM	0.78"	0.23"
Fort Stockton	KFST	T	0.41"
Guadalupe Pass	KGDP	0.18"	T
Midland Int'l	KMAF	2.15"	0.80"
Odessa	KODO	2.25"	1.18"
Terrell County	K6R6	1.11"	0.18"
Wink	KINK	3.25"	0.88"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	KE38	1.01"	0.36"
Andrews County	KE11	2.15"	0.38"
Artesia, NM	KATS	0.18"	0.41"
Big Spring	KBGP	2.37"	0.41"
Gaines County	KGNC	3.29"	0.75"
Hobbs, NM	KHOB	0.15"	0.14"
Marfa	KMRF	0.37"	0.25"
Midland Airpark	KMDD	0.34"	0.26"
Pecos	KPEQ	1.12"	0.44"

Presidio	KPRS	0.01"	0.02"
Snyder	KSNK	2.33"	M

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

K-Bar Ranch, Ector County 3.87"
 Cope Ranch, Reagan County 4.12"
 Gail, Borden County 4.71"
 Big Lake, Reagan County 5.62"

101 locations reported rainfall for the month of April, for an HSA average of 1.35".

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 3.09", or 0.57" above normal.

As a result of rainfall in April, as of May 1st, drought conditions have improved slightly across West Texas and Southeast New Mexico. Extreme western Eddy County in Southeast New Mexico was in moderate drought. The rest of Southeast New Mexico was abnormally dry or not in drought. West Texas was abnormally dry in a few isolated areas, but otherwise was out of drought.

Reservoir levels across the HSA averaged 52.0% of conservation capacity as of May 1st:

Reservoir (County, State)	May 1 Conserv Cap (%)	April 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	33.7	34.0
Colorado City (Mitchell, TX)	48.2	48.3
Champion Creek (Mitchell, TX)	67.8	70.8
Moss Creek (Howard, TX)	54.0	40.0
Brantley (Eddy, NM)	41.0	65.0
Avalon (Eddy, NM)	54.0	35.0
Red Bluff (Reeves, TX)	65.4	66.0

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 0
 Flash Flood Warnings (FFW): 6
 Flash Flood Statements (FFS): 0
 Flood Advisories/Statements (FLS): 24
Flood Warnings (FLW): 1

Total Non-Routine Products Issued: 31

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