

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH
March

YEAR
2020

SIGNATURE

J. DeBerry
In Charge of HSA

DATE
April 15, 2020

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.

March was another month of abundant rainfall for most of West Texas and Southeast New Mexico. A couple of events were even noted,

On March 3rd, thunderstorms developed over the Permian Basin, closing some roads in Midland in Midland County, and near Tarzan in Martin County.

Then on the 15th, thunderstorms flooded low-lying roads and water crossings in Fort Stockton in Pecos County.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	KCNM	1.90"	0.11"
Fort Stockton	KFST	0.39"	0.14"
Guadalupe Pass	KGDP	T	0.06"
Midland Int'l	KMAF	3.44"	1.16"
Odessa	KODO	2.84"	0.71"
Terrell County	K6R6	0.37"	0.70"
Wink	KINK	1.84"	0.18"

Precipitation amounts from area AWOS's:

City	AWOS ID	March	February
Alpine	KE38	0.29"	0.86"
Andrews County	KE11	2.35"	0.25"
Artesia, NM	KATS	2.16"	0.30"
Big Spring	KBGP	2.06"	M
Gaines County	KGNC	0.05"	0.05"
Hobbs, NM	KHOB	1.78"	0.07"
Marfa	KMRF	0.41"	0.32"
Midland Airpark	KMDD	M	M

Pecos	KPEQ	1.63"	0.33"
Presidio	KPRS	0.16"	0.22"
Snyder	KSNK	4.39"	1.04"

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

Queen, Eddy County	3.93"
Pine Springs, Culberson County	4.00"
Dog Canyon, Culberson County	5.11"
Fluvanna, Scurry County	5.31"

106 locations reported rainfall for the month of March, for an HSA average of 2.20".

Normal March precipitation for Midland International Air and Space Port is 0.60". Total precipitation for the airport for the year ending April 1st was 5.27", or 3.40" above normal.

As of April 2nd, a location in the lower Trans Pecos of West Texas was abnormally dry. All of West Texas and Southeast New Mexico was out of drought.

Reservoir levels across the HSA averaged 59.9% of conservation capacity as of April 1st:

Reservoir (County, State)	April 1 Conserv Cap (%)	March 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	25.2	23.8
Colorado City (Mitchell, TX)	45.1	44.7
Champion Creek (Mitchell, TX)	66.8	66.2
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	74.0	83.0
Brantley (Eddy, NM)	91.0	93.0
Avalon (Eddy, NM)	61.0	83.0
Red Bluff (Reeves, TX)	67.6	66.5

Non-Routine Products Issued for March:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 3
Flash Flood Statements (FFS): 3
Flood Advisories/Statements (FLS): 8
Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 14

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