

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**May**

YEAR

**2020**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**June 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.

May was another relatively dry month for West Texas and Southeast New Mexico, as the summertime ridge began asserting itself. The few hydrologic events worth mentioning were characterized by brief, intense downpours.

On May 10<sup>th</sup>, thunderstorms developed over the Big Bend, and dumped 2" of rain at Castolon in Brewster County in 40 minutes. This washed out roads from Castolon down through Santa Elena Canyon, bringing the Rio Grande briefly into minor flood.

On the 11<sup>th</sup>, the Pecos County supercell hit Fort Stockton, flooding several vehicles there.

Finally, on May 15<sup>th</sup>, thunderstorms inundated Stanton in Martin County, stalling several vehicles in and around town.

Precipitation amounts from area ASOS's:

City	ASOS ID	May	April
Carlsbad, NM	KCNM	T	T
Fort Stockton	KFST	3.45"	T
Guadalupe Pass	KGDP	0.14"	T
Midland Int'l	KMAF	0.14"	0.01"
Odessa	KODO	0.93"	0.29"
Terrell County	K6R6	1.10"	0.02"
Wink	KINK	0.51"	T

Precipitation amounts from area AWOS's:

City	AWOS ID	May	April
Alpine	KE38	0.18"	M
Andrews County	KE11	0.29"	0.09"
Artesia, NM	KATS	0.00"	0.07"
Big Spring	KBGP	1.01"	0.78"
Gaines County	KGNC	0.06"	M

Hobbs, NM	KHOB	0.00"	0.00"
Marfa	KMRF	0.15"	0.02"
Midland Airpark	KMDD	M	M
Pecos	KPEQ	0.13"	0.00"
Presidio	KPRS	0.12"	0.09"
Snyder	KSNK	1.69"	0.77"

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

Persimmon Gap, Brewster County	2.20"
Castolon, Brewster County	2.27"
Fluvanna, Scurry County	2.38"
Big Lake, Reagan County	3.38"

99 locations reported rainfall for the month of May, for an HSA average of 0.70".

Normal May precipitation for Midland International Air and Space Port is 1.74". Total precipitation for the airport for the year ending June 1<sup>st</sup> was 5.42", or 1.16" above normal.

Due to little rainfall, as of May 28th, all of Southeast New Mexico was abnormally dry. In West Texas, moderate drought had developed in a few locations west of the Pecos, as well as in much of Gaines County. The rest of West Texas was either abnormally dry or out of drought.

Reservoir levels across the HSA averaged 48.4% of conservation capacity as of June 1<sup>st</sup>:

Reservoir (County, State)	June 1 Conserv Cap (%)	May 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	23.0	24.3
Colorado City (Mitchell, TX)	42.2	43.8
Champion Creek (Mitchell, TX)	64.5	65.8
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	63.0	56.0
Brantley (Eddy, NM)	42.0	67.0
Avalon (Eddy, NM)	41.0	40.0
Red Bluff (Reeves, TX)	63.1	65.8

#### **Non-Routine Products Issued for May:**

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 13  
Flash Flood Statements (FFS): 14  
Flood Advisories/Statements (FLS): 18  
Flood Warnings (FLW): 1

**Total Non-Routine Products Issued: 46**

**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**