

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

June

YEAR

2019

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

July 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.

The synoptic pattern began changing from spring to summer in June. Consequently, precipitation began falling off during the latter half of the month as the summertime ridge began establishing itself. Only one flooding event was reported, when thunderstorms inundated some roadways in Seagraves in Gaines County, stranding several motorists. The Rio Grande saw significant rises for the first time this year due to heavy rainfall from thunderstorms in the vicinity of the river.

Precipitation amounts from area ASOS's:

City	ASOS ID	June	May
Carlsbad, NM	KCNM	1.26"	0.21"
Fort Stockton	KFST	2.16"	1.78"
Guadalupe Pass	KGDP	0.24"	0.29"
Midland Int'l	KMAF	0.28"	4.96"
Odessa	KODO	0.10"	4.06"
Terrell County	K6R6	4.38"	0.52"
Wink	KINK	0.20"	1.21"

Precipitation amounts from area AWOS's:

City	AWOS ID	June	May
Alpine	KE38	1.91"	1.00"
Andrews County	KE11	0.07"	1.15"
Artesia, NM	KATS	1.51"	0.04"
Big Spring	KBGP	0.99"	2.78"
Gaines County	KGNC	2.14"	1.33"
Hobbs, NM	KHOB	1.26"	0.00"
Marfa	KMRF	4.58"	0.53"
Midland Airpark	KMDD	0.60"	1.51"
Pecos	KPEQ	0.38"	0.57"
Presidio	KPRS	1.01"	0.05"
Snyder	KSNK	1.83"	4.95"

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

Rio Grande Village, Brewster County 4.28"
Marathon, Brewster County 4.90"
Lake Ament, Brewster County 5.39"
Persimmon Gap, Brewster County 5.72"

96 locations reported rainfall for the month of June, for an HSA average of 1.86".

Normal June precipitation for Midland International Air and Space Port is 1.80". Total precipitation for the airport for the year ending July 1st was 8.33", or 2.27" above normal.

As a result of rainfall in June, as of July 1st, drought conditions have improved across West Texas and Southeast New Mexico. Extreme western Eddy County in Southeast New Mexico was abnormally dry. The rest of Southeast New Mexico and all of West Texas were out of drought.

Reservoir levels across the HSA averaged 54.9% of conservation capacity as of July 1st:

Reservoir (County, State)	July 1 Conserv Cap (%)	June 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	32.3	33.8
Colorado City (Mitchell, TX)	53.1	53.0
Champion Creek (Mitchell, TX)	72.4	73.6
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	69.0	71.0
Brantley (Eddy, NM)	55.0	65.0
Avalon (Eddy, NM)	44.0	53.0
Red Bluff (Reeves, TX)	64.7	63.7

Non-Routine Products Issued for June:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 3
Flash Flood Statements (FFS): 2
Flood Advisories/Statements (FLS): 31
Flood Warnings (FLW): 5

Total Non-Routine Products Issued: 41

**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**