

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

July

YEAR

2018

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
 1325 East West Highway, Room 7230
 Silver Spring, MD 20910-3283

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

August 15, 2018

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.

Rainfall during July averaged right around normal except for the Big Bend and areas right along the Rio Grande, both of which saw less than 50% of average. Drought conditions improved, but reservoirs continued to drop. Although rain events were plentiful, parched soils absorbed much of the rain, and little flooding was reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	July	June
Carlsbad, NM	KCNM	3.68"	1.04"
Fort Stockton	KFST	2.45"	3.28"
Guadalupe Pass	KGDP	1.66"	0.03"
Midland Int'l	KMAF	1.86"	2.56"
Odessa	KODO	1.37"	2.85"
Terrell County	K6R6	0.55"	0.21"
Wink	KINK	T	0.52"

Precipitation amounts from area AWOS's:

City	AWOS ID	July	June
Alpine	KE38	3.18"	2.03"
Andrews County	KE11	0.54"	2.61"
Artesia, NM	KATS	0.40"	1.30"
Big Spring	KBGP	0.06"	0.58"
Gaines County	KGNC	1.74"	2.20"
Hobbs, NM	KHOB	0.68"	1.40"
Marfa	KMRF	0.38"	1.66"
Midland Airpark	KMDD	M	M
Pecos	KPEQ	0.66"	1.78"
Presidio	KPRS	0.43"	2.92"
Snyder	KSNK	M	M

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

Chisos Basin Brewster County 3.53"
Pine Springs, Culberson County 3.77"
The Bowl, Culberson County 4.80"
Mount Locke, Jeff Davis County 5.55"

101 locations reported rainfall for the month of July, for an HSA average of 1.50".

Normal July precipitation for Midland International Air and Space Port is 1.82". Total precipitation for the airport for the year ending August 1st was 5.26", or 2.62" below normal.

Due to another month of decent rainfall, as of July 26th, extreme drought has ended over Southeast New Mexico. Severe drought covers the northern 2/3rds of Eddy and Lea Counties. The rest of the counties are in moderate drought or abnormally dry. In West Texas, severe drought covers most or all of Borden, Glasscock and Howard Counties, and areas immediately adjacent. The rest of West Texas ranges from moderate to no drought.

Reservoir levels across the HSA averaged 48.1% of conservation capacity as of August 1st:

Reservoir (County, State)	August 1 Conserv Cap (%)	July 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	37.5	39.3
Colorado City (Mitchell, TX)	31.7	33.5
Champion Creek (Mitchell, TX)	49.6	51.3
Moss Creek (Howard, TX)	62.0	77.0
Brantley (Eddy, NM)	43.0	26.0
Avalon (Eddy, NM)	56.0	59.0
Red Bluff (Reeves, TX)	57.1	59.9

Non-Routine Products Issued for July:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 6
Flash Flood Statements (FFS): 5
Flood Advisories/Statements (FLS): 59
Flood Warnings (FLW): 1

Total Non-Routine Products Issued: 71

**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**