

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**July**

**2023**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**August 15, 2023**

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 summertime ridge dominated the synoptic pattern with a vengeance in July, resulting in little rainfall across West Texas and Southeast New Mexico. Most rain fell in the first few days of the month.

Only July 1<sup>st</sup>, thunderstorms flooded low water crossings in Snyder in Scurry County, necessitating two high-water rescues.

The rest of the month was fairly dry, with little hydrologic activity and no other reports of flooding.

Precipitation amounts from area ASOS's:

City	ASOS ID	July	June
Carlsbad, NM	KCNM	0.11"	0.05"
Fort Stockton	KFST	T	0.79"
Guadalupe Pass	KGDP	1.43"	0.23"
Midland Int'l	KMAF	0.33"	0.06"
Odessa	KODO	0.25"	T
Terrell County	K6R6	0.12"	2.49"
Wink	KINK	0.00"	0.23"

Precipitation amounts from area AWOS's:

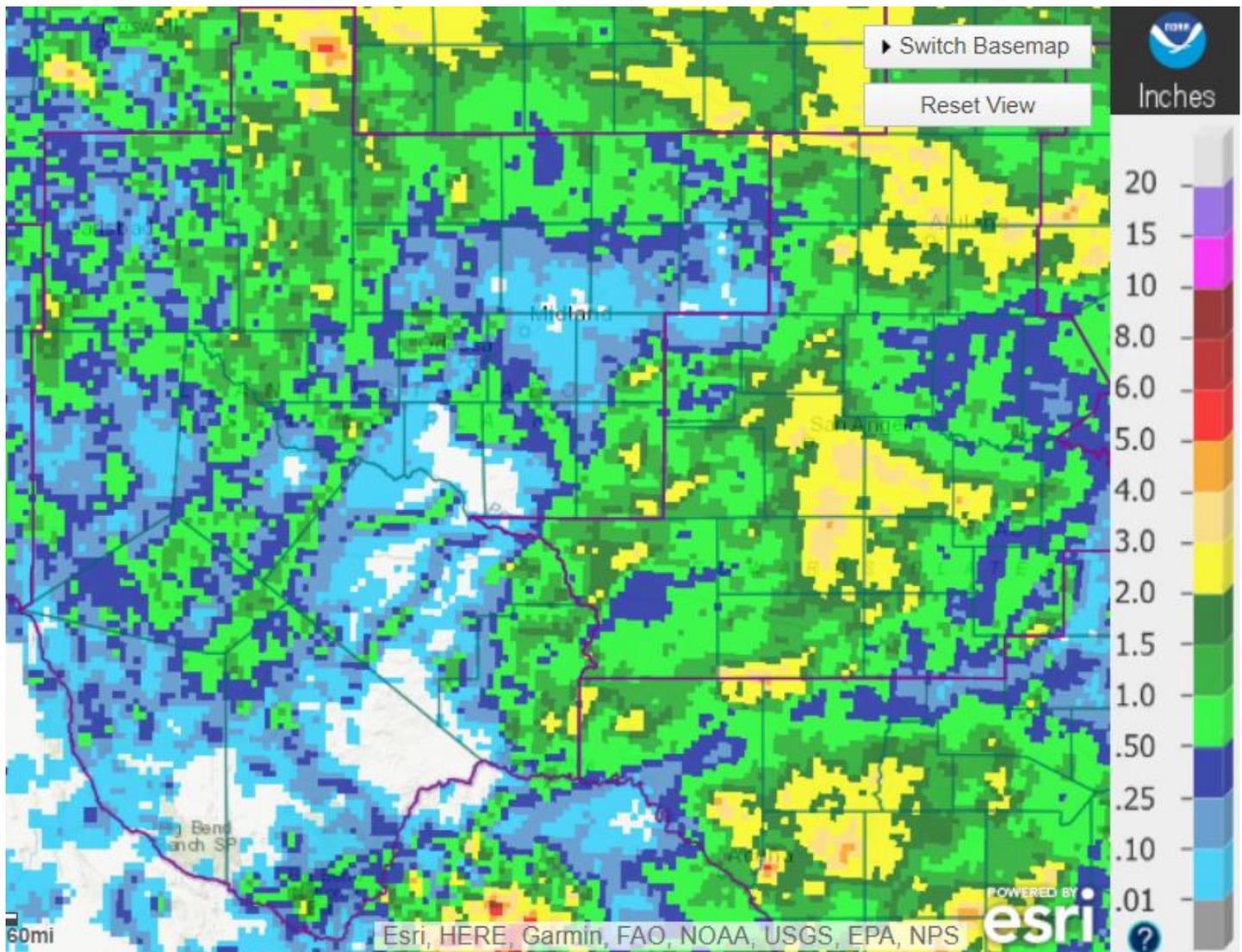
City	AWOS ID	July	June
Alpine	KE38	1.15"	0.56"
Andrews County	KE11	0.00"	2.67"
Artesia, NM	KATS	0.54"	0.18'
Big Spring	KBGP	0.00"	2.70"
Culberson County	KVHN	0.79"	1.76"
Gaines County	KGNC	0.41"	1.03"
Hobbs, NM	KHOB	0.72"	0.94"
Lajitas	KT89	0.00"	0.37"

Lamesa Municipal	KLUV	0.02"	3.02"
Marfa	KMRF	1.16"	0.42"
Midland Airpark	KMDD	M	M
Pecos County	KPEQ	0.00"	0.27"
Presidio County	KPRS	0.01"	0.06"
Reagan County	KE41	0.04"	0.03"
Snyder	KSNK	0.57"	2.07"

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

Caprock, Lea County 1.27"  
 Wolf Den DMP, Jeff Davis County 1.36"  
 The Bowl, Culberson County 1.52"  
 Dog Canyon, Culberson County 1.67"

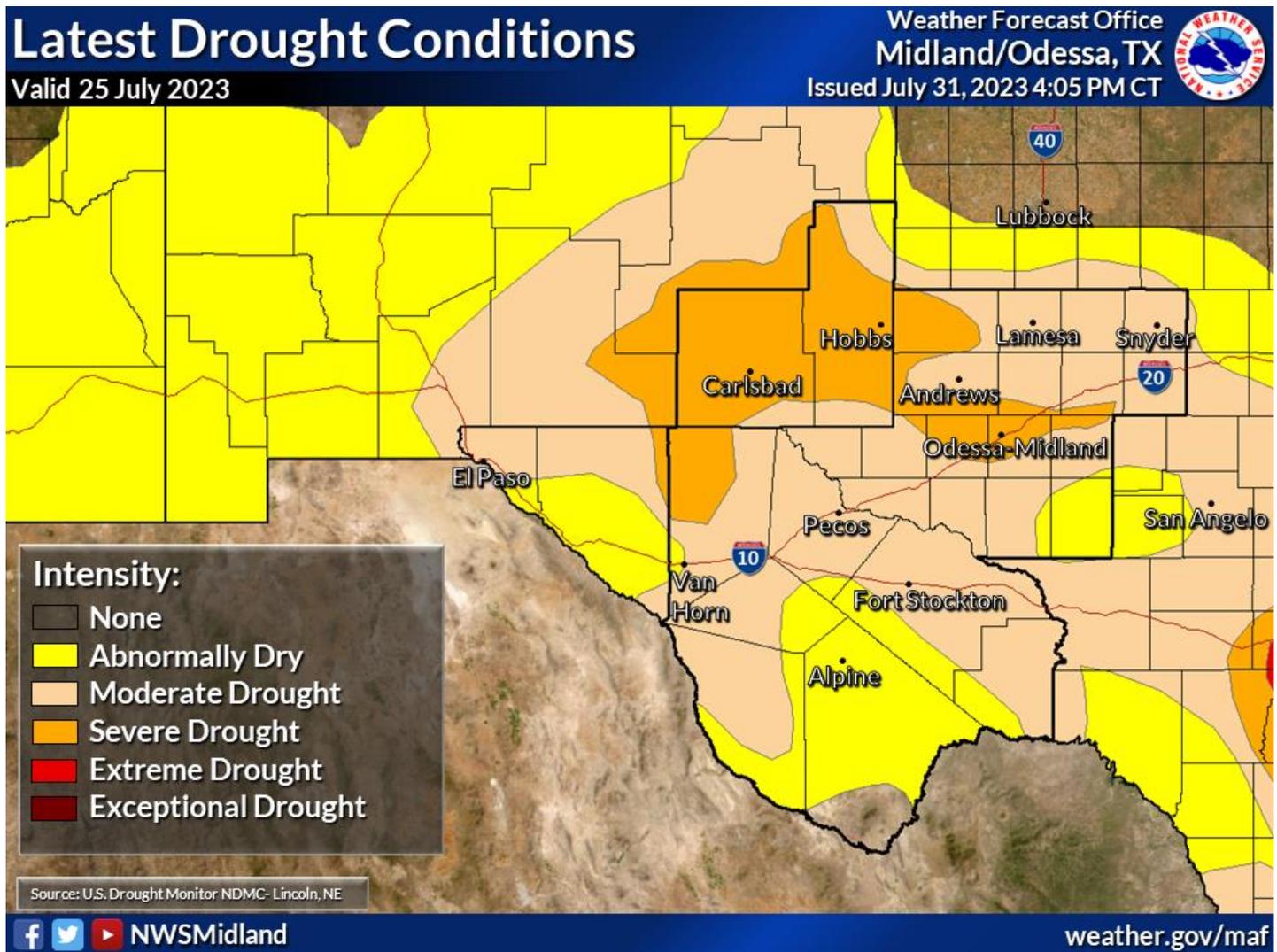
81 locations reported rainfall for the month of July, for an HSA average of 0.45".



### July Precipitation

Normal July precipitation for Midland International Air and Space Port is 1.62". Total precipitation for

2023 ending August 1<sup>st</sup> was 1.79", or 5.88" below normal.



Reservoir levels across the HSA averaged 47.9% of conservation capacity as of August 1<sup>st</sup>:

Reservoir (County, State)	August 1 Conserv Cap (%)	July 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	20.5	21.8
Colorado City (Mitchell, TX)	52.6	55.5
Champion Creek (Mitchell, TX)	54.4	56.5
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	76.0	75.0
Brantley (Eddy, NM)	42.0	36.0
Avalon (Eddy, NM)	40.0	25.0
Red Bluff (Reeves, TX)	49.3	53.4

**Non-Routine Products Issued for July:**

Flash Flood Watches (FFA): 0  
 Flash Flood Warnings (FFW): 4

Flash Flood Statements (FFS): 4

Flood Advisories/Statements (FLS): 0

Flood Warnings (FLW): 0

**Total Non-Routine Products Issued: 4**

**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**