

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

July

YEAR

2024

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

August 15, 2024

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.

July was a good month for rain, as West Texas and Southeast New Mexico were under a col much of the month due to a bifurcated ridge. Even so, the only notable event occurred on July 22nd, when a flood wave came down the Rio Conchos, briefly bringing the Rio Grande into minor flood at Castolon and Johnson Ranch.

Precipitation amounts from area ASOS's:

City	ASOS ID	July	June
Carlsbad, NM	KCNM	0.65"	1.35"
Fort Stockton	KFST	0.69"	0.53"
Midland Int'l	KMAF	1.11"	0.23"
Odessa	KODO	0.36"	0.44"
Terrell County	K6R6	0.92"	0.69"
Wink	KINK	0.21"	0.13"

Precipitation amounts from area AWOS's:

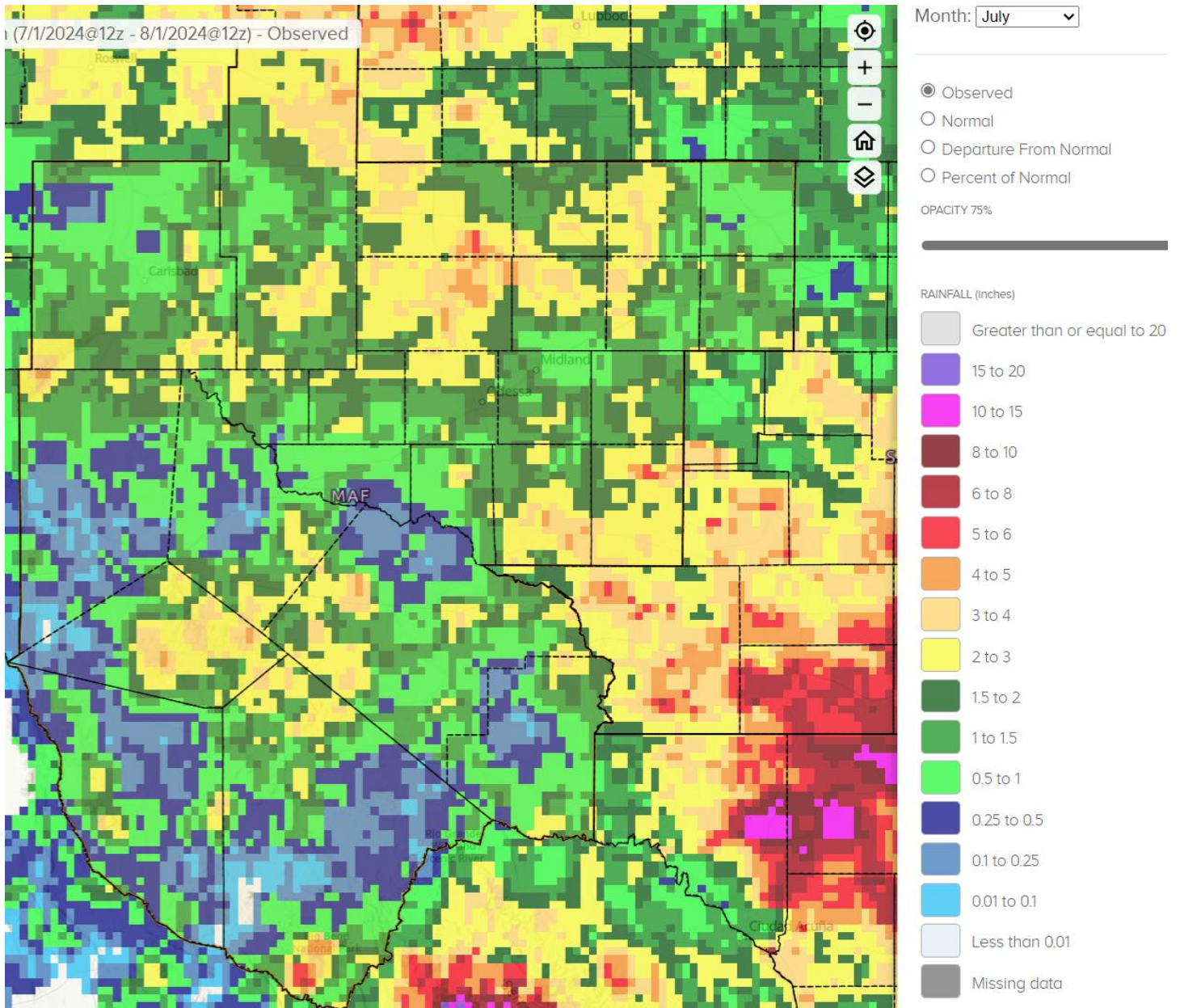
City	AWOS ID	July	June
Alpine	KE38	1.89"	1.13"
Andrews County	KE11	1.97"	0.27"
Artesia, NM	KATS	0.55"	0.48'
Big Spring	KBGP	0.95"	0.40"
Culberson County	KVHN	0.64"	0.03"
Gaines County	KGNC	1.38"	1.47"
Lajitas	KT89	0.21"	0.13"
Lamesa Municipal	KLUV	0.87"	0.71"
Marfa	KMRF	0.10"	0.32"
Midland Airpark	KMDD	1.03"	0.41"
Pecos County	KPEQ	0.21"	0.10"
Presidio County	KPRS	1.57"	0.49"

Reagan County	KE41	2.64"	0.03"
Snyder	KSNK	0.13"	1.12"

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

- Welch, Dawson County 2.12"
- Mount Locke, Jeff Davis County 2.29"
- Carlsbad Caverns, Eddy County 2.80"
- The Bowl, Culberson County 3.60"

80 locations reported rainfall for the month of July, for an HSA average of 1.53".



July Precipitation

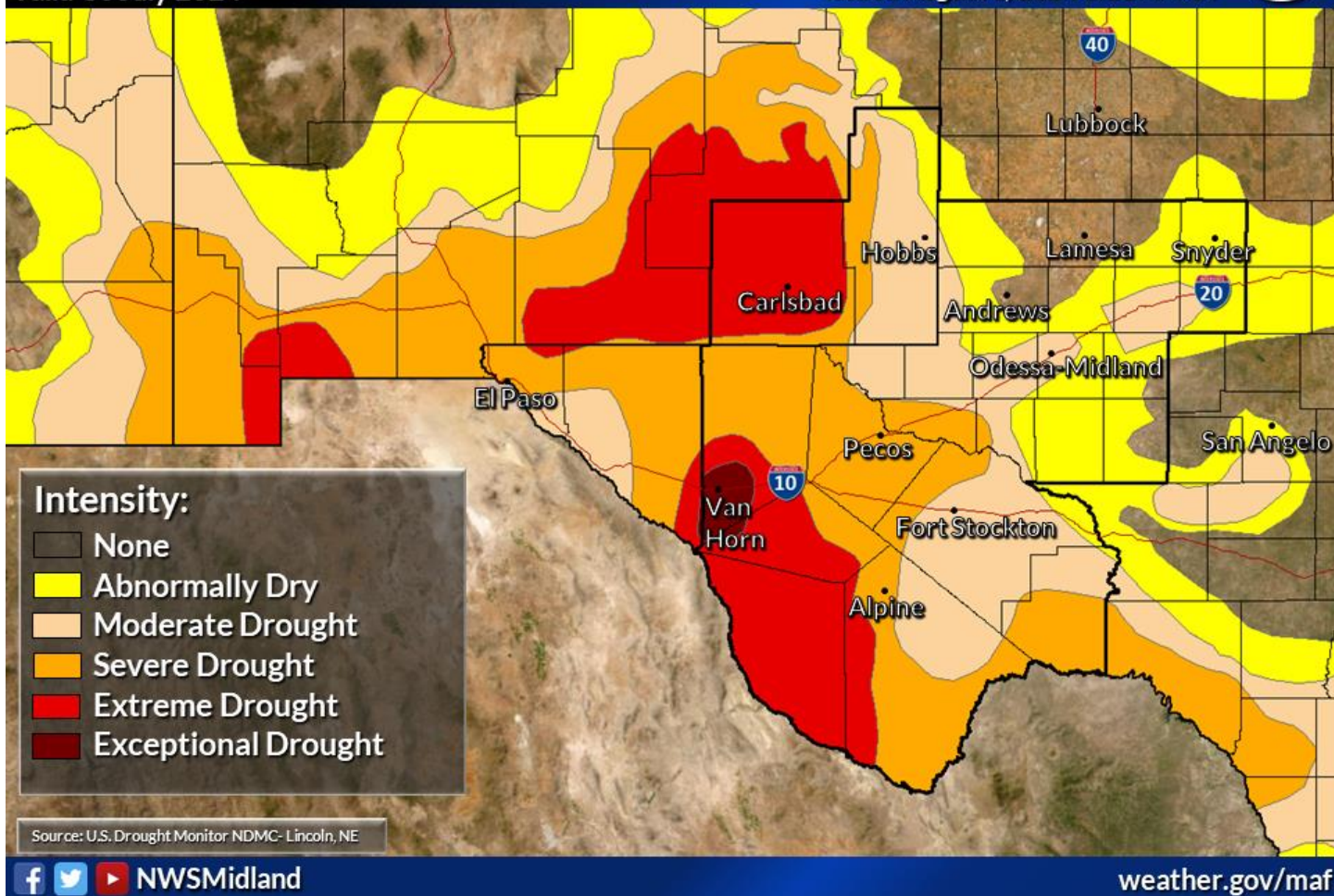
Normal July precipitation for Midland International Air and Space Port is 1.62". Total precipitation for the year was 5.56", or 2.05" below normal.

Latest Drought Conditions

Valid 30 July 2024

Weather Forecast Office
Midland/Odessa, TX

Issued August 1, 2024 8:11 AM CT



Reservoir levels across the HSA averaged 46.2% of conservation capacity as of August 1st:

Reservoir (County, State)	August 1 Conserv Cap (%)	July 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	18.0	19.4
Colorado City (Mitchell, TX)	42.2	44.5
Champion Creek (Mitchell, TX)	53.7	55.4
Natural Dam Salt Lake (Howard, TX)	48.5	48.4
Moss Creek (Howard, TX)	79.0	79.0
Brantley (Eddy, NM)	33.0	48.0
Avalon (Eddy, NM)	56.0	37.0
Red Bluff (Reeves, TX)	38.9	39.3

Non-Routine Products Issued for July:

Flash Flood Watches (FFA): 0
 Flash Flood Warnings (FFW): 4
 Flash Flood Statements (FFS): 3
 Flood Advisories/Statements (FLS): 0

Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 7

**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**