NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE (11-88) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIO (PRES. by NWS Instruction 10-924) NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas	
MONTHLY REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH YEAR August 2024	
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230	SIGNATURE J. DeBerry In Charge of HSA	
Silver Spring, MD 20910-3283	DATE September 15, 2024	

cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

X An X inside this box indicates that no river flooding occurred within this hydrologic service area.

August was dominated most of the month by the upper ridge. As a result, little notable hydrologic activity was noted until the end of the month, when the first trough/cold front of the late summer moved through West Texas and Southeast New Mexico.

On August 30th, showers and thunderstorms developed in the vicinity of the cold front. Overnight into the 31st, thunderstorms moved into southwest Eddy County, dropping over 2" of (radar-estimated) rainfall in Dark Canyon. This sent a flood wave down Dark Canyon Draw, resulting in minor flooding in southwest Carlsbad.

ASOS ID August July City 0.65" Carlsbad, NM **KCNM** 1.29" Fort Stockton **KFST** 0.38" 0.69" Midland Int'l KMAF 0.56" 1.11" KODO 0.36" Odessa Т **Terrell County** K6R6 1.36" 0.92" Wink KINK 0.48" 0.21"

Precipitation amounts from area ASOS's:

Precipitation amounts from area AWOS's:

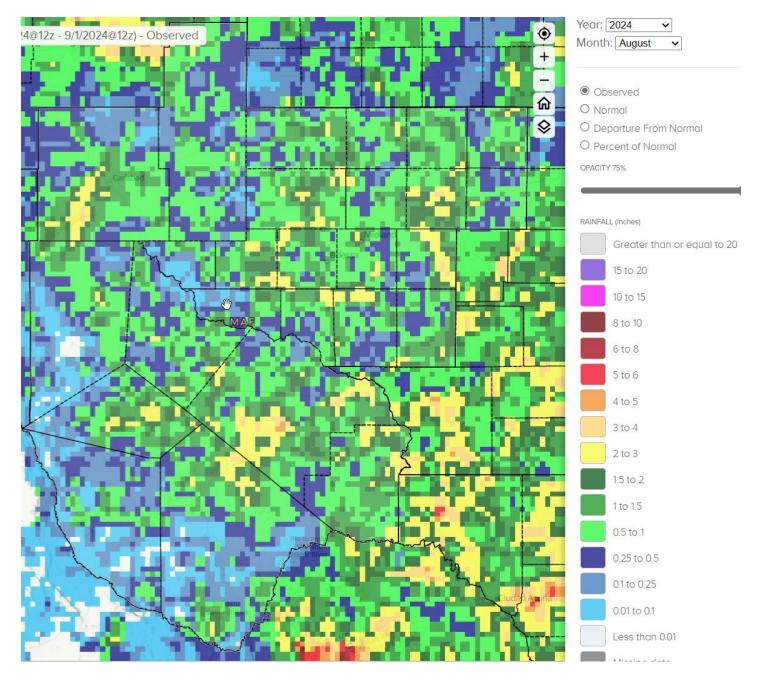
City	AWOS ID	August	July
Alpine	KE38	1.91"	1.89"
Andrews County	KE11	0.37"	1.97"
Artesia, NM	KATS	0.57"	0.55'
Big Spring	KBGP	2.01"	0.95"
Culberson County	KVHN	0.11"	0.64"
Gaines County	KGNC	0.37"	1.38"
Lajitas	KT89	0.15"	0.21"
Lamesa Municipal	KLUV	0.24"	0.87"

Marfa	KMRF	М	0.10"
Midland Airpark	KMDD	1.62"	1.03"
Pecos County	KPEQ	0.99"	0.21"
Presidio County	KPRS	0.18"	1.57"
Reagan County	KE41	1.17"	2.64"
Snyder	KSNK	0.34"	0.13"

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

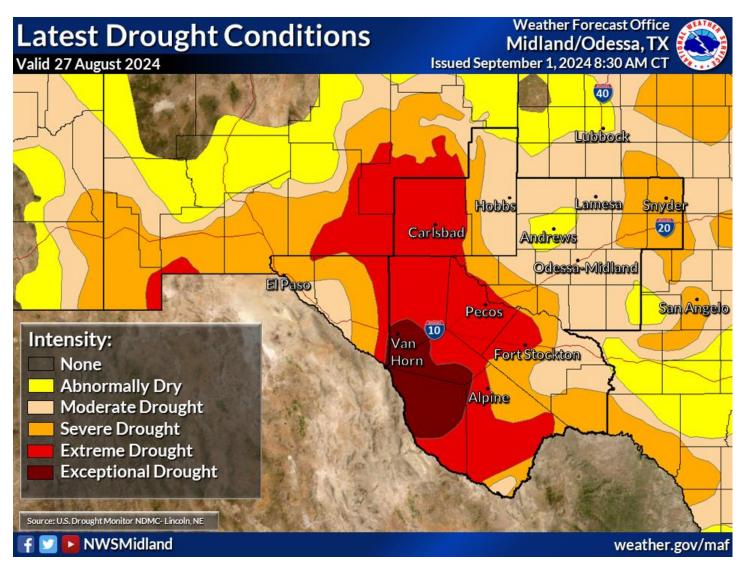
Marfa 13SW, Presidio County	2.60"
Batdraw, Eddy County	2.79"
Carlsbad Caverns National Park, Eddy County	2.99"
Mount Locke, Jeff Davis County	4.13"

84 locations reported rainfall for the month of August, for an HSA average of 0.86".



August Precipitation

Normal August precipitation for Midland International Air and Space Port is 1.72". Total precipitation for the year was 6.12", or 3.21" below normal.



Reservoir levels across the HSA averaged 46.5% of conservation capacity as of September 1st:

Reservoir (County, State)	September 1 Conserv Cap (%)	August 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	16.5	18.0
Colorado City (Mitchell, TX)	39.7	42.2
Champion Creek (Mitchell, TX)	51.7	53.7
Natural Dam Salt Lake (Howard, TX)	48.4	48.5
Moss Creek (Howard, TX)	76.0	79.0
Brantley (Eddy, NM)	45.0	33.0
Avalon (Eddy, NM)	57.0	56.0
Red Bluff (Reeves, TX)	37.5	38.9

Non-Routine Products Issued for August:

Flash Flood Watches (FFA): 0 Flash Flood Warnings (FFW): 2 Flash Flood Statements (FFS): 1 Flood Advisories/Statements (FLS): 0 Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 3

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