

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR: MONTH September YEAR 2025
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 October 15, 2024
<i>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)</i>		

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

The upper ridge broke down in September as the synoptic pattern began transitioning to Fall. This opened a window for several notable hydrologic events.

At the end of August and on Labor Day, thunderstorms developed over the Rio Conchos watershed, sending a flood wave into Presidio. This pushed the Rio Grande into minor flood from the Presidio International Bridge (PRST2) through the lower gage (PRDT2) just downstream of the town.

On the 6th, training thunderstorms developed overnight on the lower Trans Pecos, dumping almost 10" of rainfall over the confluence of Independence Creek and the Pecos River.

On September 13th, thunderstorms developed in the northern Permian Basin, flooding several locations along St. Hwy 349 south of Lamesa in Dawson County. Floodwaters also stranded motorists in Lamesa. Thunderstorms also developed in Southeast New Mexico, flooding areas along U.S. Hwy 285 and Main St. in east Artesia in Eddy County.

On the 17th, thunderstorms redeveloped over northern Eddy County, flooding Bolton Rd., again in east Artesia. Eddy County EM closed the road as a result. Storms later developed east in Martin County, resulting in significant flooding on St. Hwy 137 just south of Flower Grove. Motorists were strand on St. Hwy 176 near Lenorah.

Finally, on September 28th, thunderstorms flooded West Loop Rd between Hidalgo and Lea Streets in southwest Carlsbad in Eddy County.

Precipitation amounts from area ASOS's:

City	ASOS ID	September	August
Carlsbad, NM	KCNM	0.58"	0.18"
Fort Stockton	KFST	0.08"	0.71"
Midland Int'l	KMAF	0.53"	0.42"
Odessa	KODO	0.14"	0.16"
Terrell County	K6R6	0.36"	0.71"
Wink	KINK	M	M

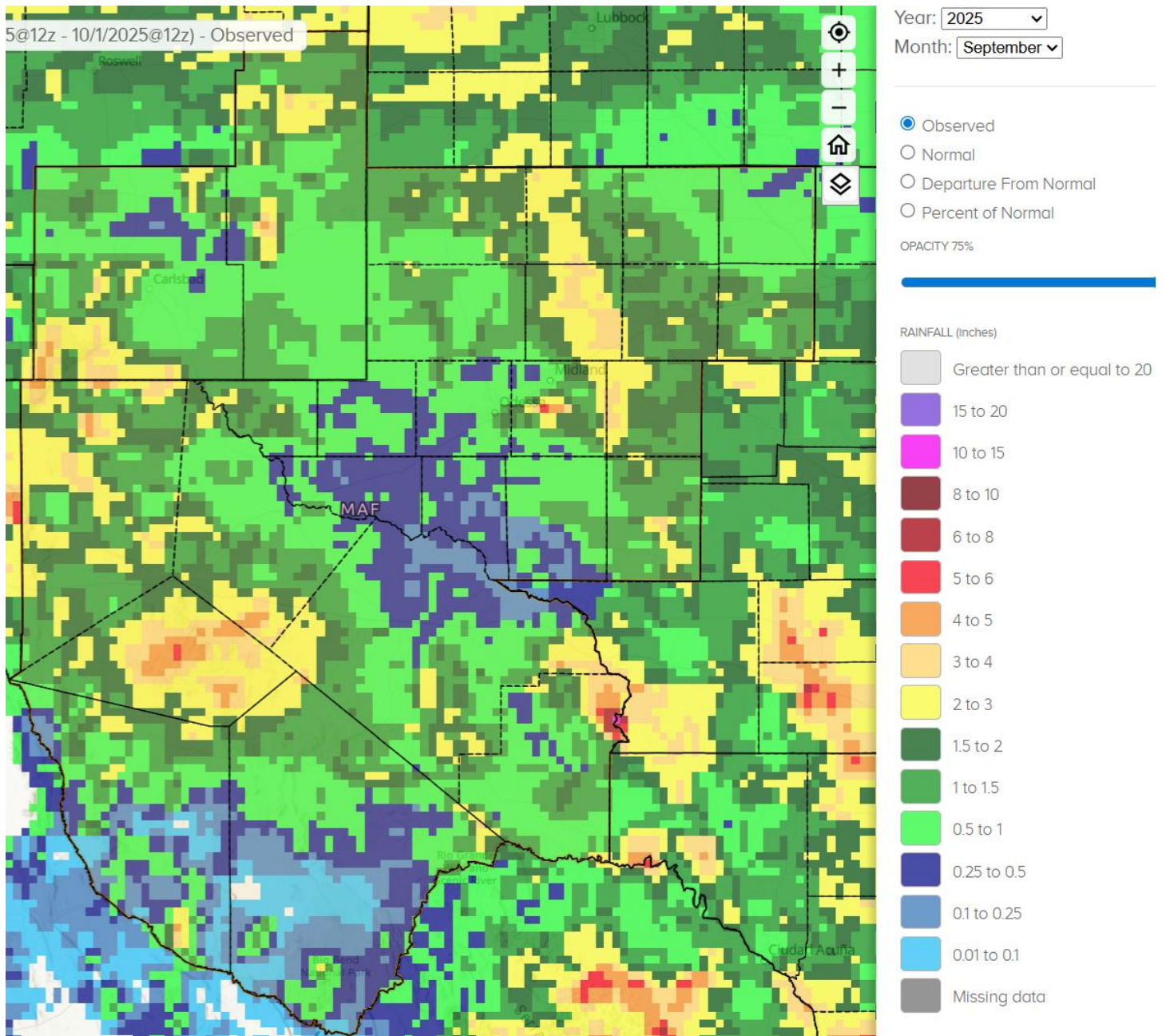
Precipitation amounts from area AWOS's:

City	AWOS ID	October	September
Alpine	KE38	1.15"	1.36"
Andrews County	KE11	0.37"	0.90"
Artesia, NM	KATS	1.74"	0.54'
Big Spring	KBGP	0.30"	1.95"
Culberson County	KVHN	1.00"	2.47"
Gaines County	KGNC	1.43"	1.24"
Lajitas	KT89	M	M
Lamesa Municipal	KLUV	0.53"	0.60"
Marfa	KMRF	3.63"	1.19"
Midland Airpark	KMDD	0.35"	0.38"
Pecos County	KPEQ	0.34"	2.46
Presidio County	KPRS	0.57"	0.03"
Reagan County	KE41	0.92"	0.37"
Snyder	KSNK	0.30"	0.69"

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

Pine Springs, Culberson County	3.20"
Wolf Den DMP, Jeff Davis County	3.25"
Fort Davis, Jeff Davis County	3.81"
Mount Locke, Jeff Davis County	4.35"

78 locations reported rainfall for the month of September, for an HSA average of 1.11".



September Precipitation

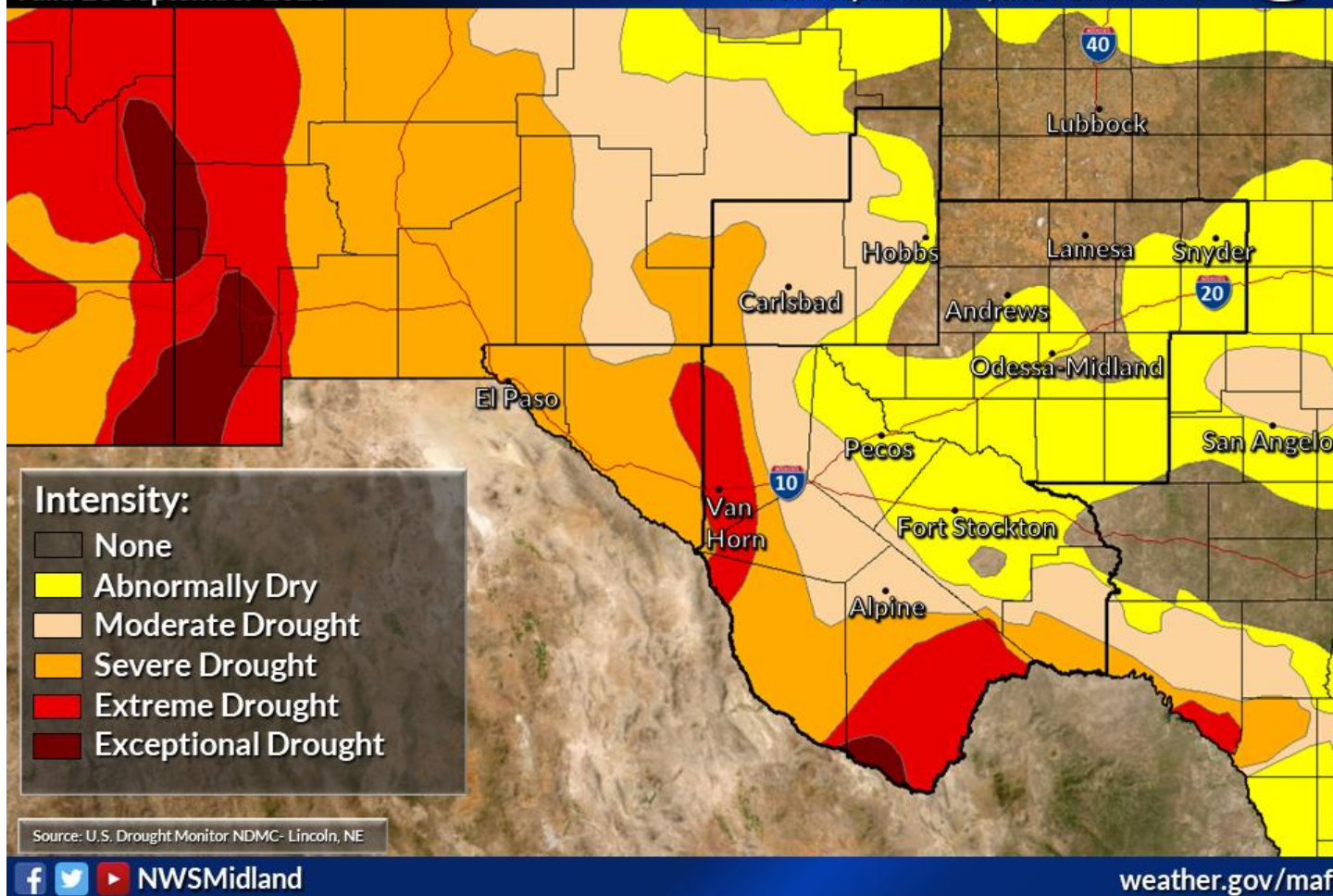
Normal September precipitation for Midland International Air and Space Port is 1.66". Total precipitation for the year ending 1 October was 6.50", or 4.49" below normal.

Latest Drought Conditions

Valid 23 September 2025

Weather Forecast Office
Midland/Odessa, TX

Issued September 30, 2025 10:14 AM CT



Reservoir levels across the HSA averaged 51.7% of conservation capacity as of October 1st:

Reservoir (County, State)	October 1 Conserv Cap (%)	September 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	34.0	35.7
Colorado City (Mitchell, TX)	59.4	61.4
Champion Creek (Mitchell, TX)	43.8	44.7
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	76.0	79.0
Brantley (Eddy, NM)	47.0	33.0
Avalon (Eddy, NM)	54.0	60.0
Red Bluff (Reeves, TX)	50.7	50.2

Non-Routine Products Issued for September:

Flash Flood Watches (FFA): 1
Flash Flood Warnings (FFW): 13
Flash Flood Statements (FFS): 12
Flood Advisories/Statements (FLS): 2

Flood Warnings (FLW): 2

Total Non-Routine Products Issued: 30

**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**