

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

August

2021

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

September 15, 2021

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.

Few hydrologic events were reported during the month of August, as much heavy rainfall fell in rural, unpopulated areas. The only event of note occurred on August 20th, when flash flooding from thunderstorms covered a stretch of Highway 118 between Fort Davis and Alpine in Jeff Davis County. Even so, rainfall was decent for August.

Precipitation amounts from area ASOS's:

City	ASOS ID	August	July
Carlsbad, NM	KCNM	2.17"	0.77"
Fort Stockton	KFST	2.00"	0.58"
Guadalupe Pass	KGDP	8.98"	2.15"
Midland Int'l	KMAF	0.84"	2.48"
Odessa	KODO	1.13"	0.56"
Terrell County	K6R6	0.86"	1.27"
Wink	KINK	0.83"	0.63"

Precipitation amounts from area AWOS's:

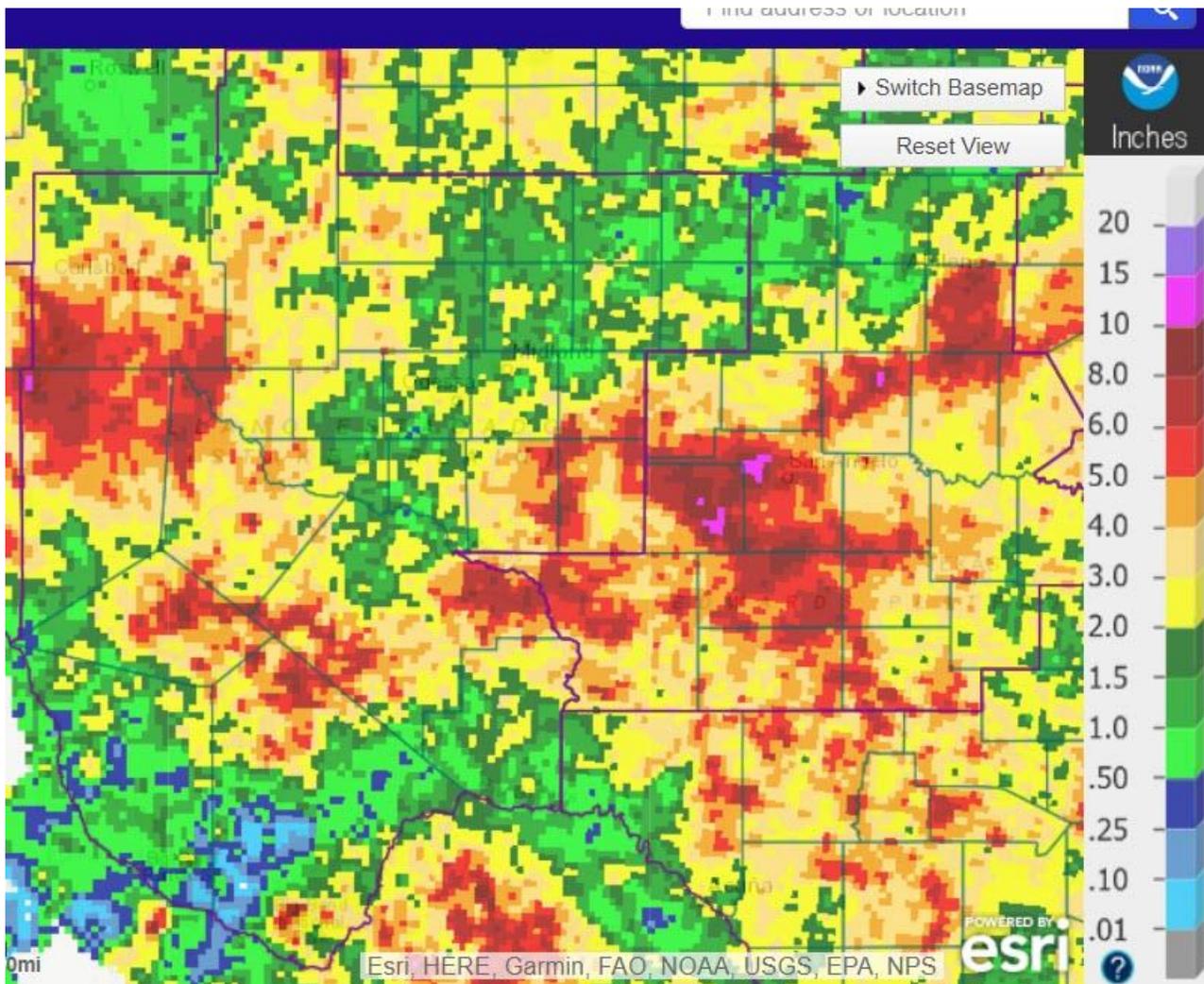
City	AWOS ID	August	July
Alpine	KE38	2.62"	2.75"
Andrews County	KE11	0.83"	1.80"
Artesia, NM	KATS	1.80"	0.44'
Big Spring	KBGP	2.32"	2.34"
Culberson County	KVHN	3.14"	1.02"
Gaines County	KGNC	0.02"	0.01"
Hobbs, NM	KHOB	0.52"	0.99"
Lamesa Municipal	KLUV	2.06"	1.75"
Marfa	KMRF	3.72"	1.24"
Midland Airpark	KMDD	0.46"	2.20"
Pecos County	KPEQ	2.19"	0.83"

Presidio County	KPRS	2.15"	1.32"
Reagan County	KE41	M	2.02"
Snyder	KSNK	0.78"	2.43"

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

Elephant Mountain, Brewster County 7.81"
 Dog Canyon, Culberson County 7.86"
 Pine Springs, Culberson County 9.97"
 Chisos Basin, Brewster County 10.42"

86 locations reported rainfall for the month of August, for an HSA average of 2.28".



August Precipitation

Normal August precipitation for Midland International Air and Space Port is 1.72". Total precipitation for 2021 ending September 1st was 13.56", or 4.23" above normal. Normal yearly rainfall is 13.51"!

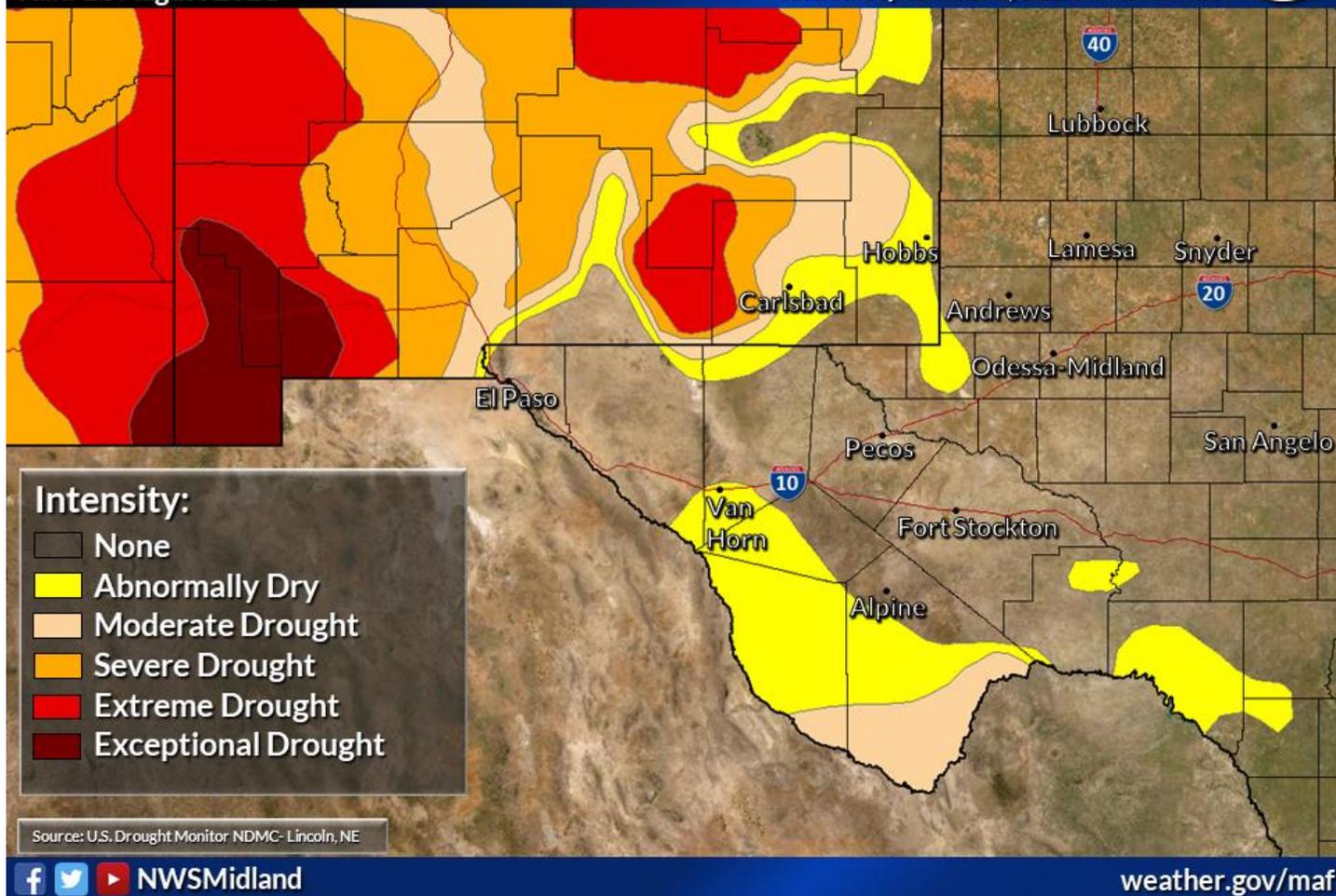
Latest Drought Conditions

Weather Forecast Office
Midland/Odessa, TX



Valid 26 August 2021

Issued September 1, 2021 4:46 AM CT



Reservoir levels across the HSA averaged 71.6% of conservation capacity as of September 1st:

Reservoir (County, State)	September 1 Conserv Cap (%)	August 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	46.2	47.9
Colorado City (Mitchell, TX)	81.0	82.8
Champion Creek (Mitchell, TX)	74.8	75.9
Natural Dam Salt Lake (Howard, TX)	48.4	48.5
Moss Creek (Howard, TX)	68.0	58.0
Brantley (Eddy, NM)	91.0	91.0
Avalon (Eddy, NM)	88.0	78.0
Red Bluff (Reeves, TX)	75.6	67.9

Non-Routine Products Issued for August:

Flash Flood Watches (FFA): 8
 Flash Flood Warnings (FFW): 8
 Flash Flood Statements (FFS): 7
 Flood Advisories/Statements (FLS): 92

Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 116

**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**