

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

March

YEAR

2023

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

April 15, 2023

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.

March was very dry, as progressive springtime troughs kept moisture well to the east of the HSA. No significant hydrologic events occurred.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	KCNM	0.00"	0.05"
Fort Stockton	KFST	0.28"	0.30"
Guadalupe Pass	KGDP	T	M
Midland Int'l	KMAF	T	0.21"
Odessa	KODO	T	0.20"
Terrell County	K6R6	0.63"	0.32"
Wink	KINK	T	0.02"

Precipitation amounts from area AWOS's:

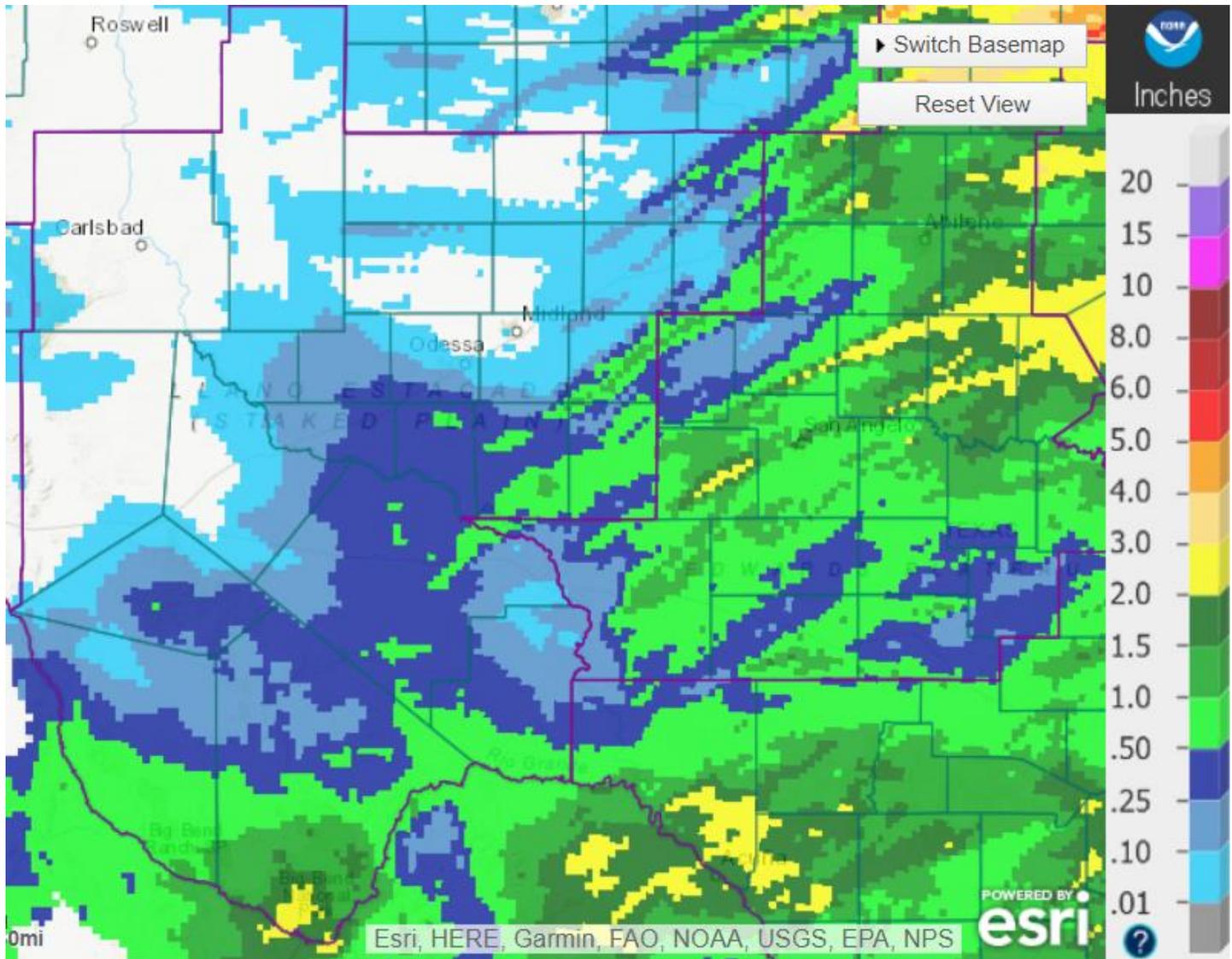
City	AWOS ID	March	February
Alpine	KE38	0.32"	0.67"
Andrews County	KE11	0.00"	0.06"
Artesia, NM	KATS	0.00"	0.03'
Big Spring	KBGP	0.00"	0.46"
Culberson County	KVHN	0.00"	0.06"
Gaines County	KGNC	0.00"	0.04"
Hobbs, NM	KHOB	0.00"	0.04"
Lajitas	KT89	1.07"	M
Lamesa Municipal	KLUV	0.00"	0.09"
Marfa	KMRF	0.19"	0.90"
Midland Airpark	KMDD	0.00"	0.04"
Pecos County	KPEQ	0.03"	0.02"
Presidio County	KPRS	0.34"	0.44"

Reagan County	KE41	0.09"	0.38"
Snyder	KSNK	0.79"	0.49"

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

- Panther Junction, Brewster County 1.45"
- Castolon, Brewster County 1.52"
- Chisos Basin, Brewster County 1.55"
- Persimmon Gap, Brewster County 1.82"

86 locations reported rainfall for the month of March, for an HSA average of 0.27".



March Precipitation

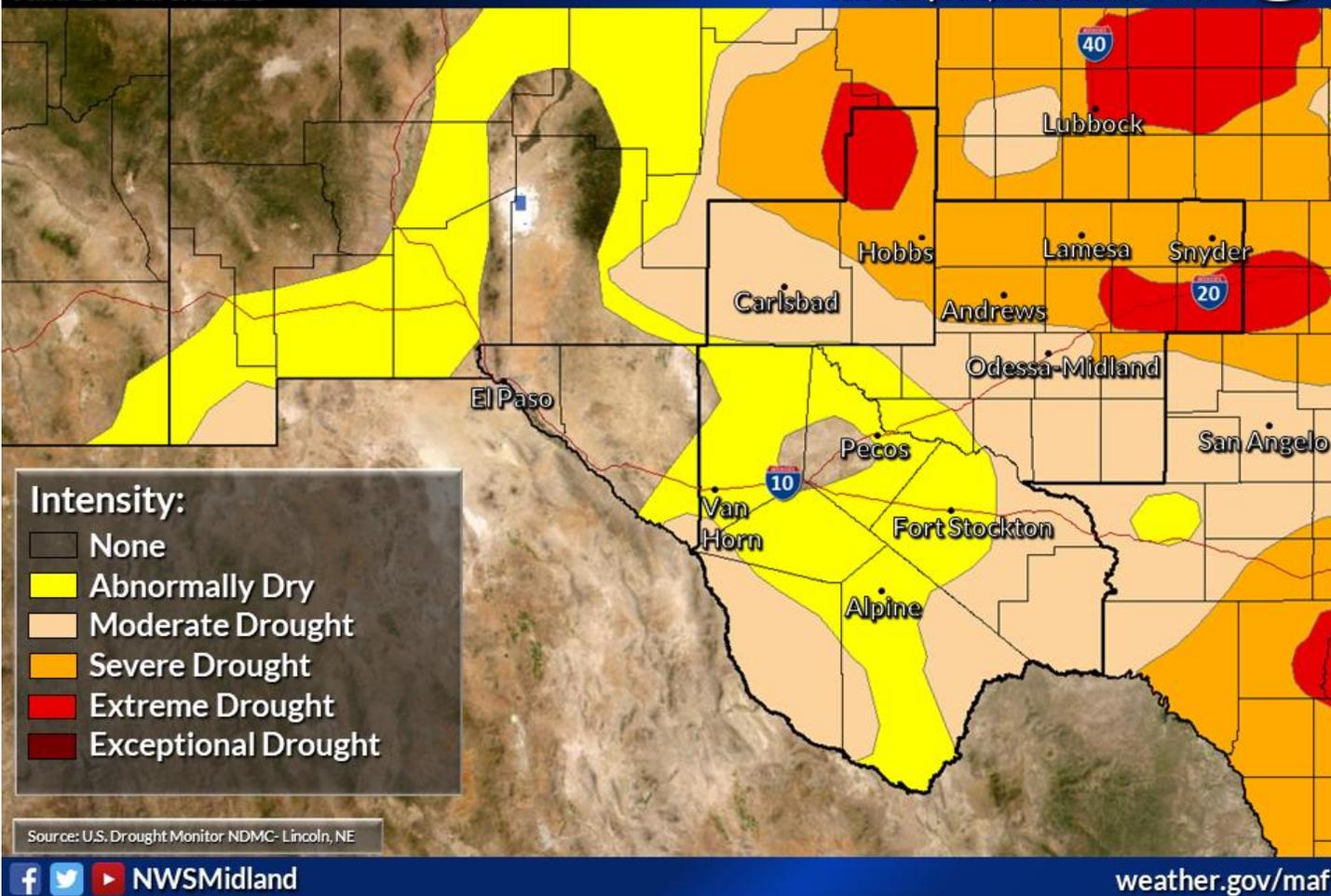
Normal March precipitation for Midland International Air and Space Port is 0.68". Total precipitation for 2023 ending April 1st was 0.42", or 1.50" below normal.

Latest Drought Conditions

Weather Forecast Office
Midland/Odessa, TX
Issued April 1, 2023 12:36 AM CT



Valid 28 March 2023



Source: U.S. Drought Monitor NDMC- Lincoln, NE

[f](#) [t](#) [v](#) NWSMidland

weather.gov/maf

Reservoir levels across the HSA averaged 53.2% of conservation capacity as of April 1st:

Reservoir (County, State)	April 1 Conserv Cap (%)	March 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	22.1	22.8
Colorado City (Mitchell, TX)	53.1	54.5
Champion Creek (Mitchell, TX)	58.4	59.3
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	78.0	70.0
Brantley (Eddy, NM)	80.0	87.0
Avalon (Eddy, NM)	27.0	1.0
Red Bluff (Reeves, TX)	58.9	64.5

Non-Routine Products Issued for March:

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

Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 0

**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**