

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

December

YEAR

2022

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

January 15, 2022

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.

2022 ended in a hydrological whimper, with very little precipitation noted during the month of December. An impressive Arctic blast arrived around Christmas and, had it not been a dry front, would have produced prodigious amounts of snowfall. Otherwise, no hydrological events were noted.

Precipitation amounts from area ASOS's:

City	ASOS ID	December	November
Carlsbad, NM	KCNM	0.10"	1.03"
Fort Stockton	KFST	0.05"	0.62"
Guadalupe Pass	KGDP	M	0.00"
Midland Int'l	KMAF	0.08"	0.88"
Odessa	KODO	0.13"	0.83"
Terrell County	K6R6	0.21"	0.53"
Wink	KINK	0.12"	T

Precipitation amounts from area AWOS's:

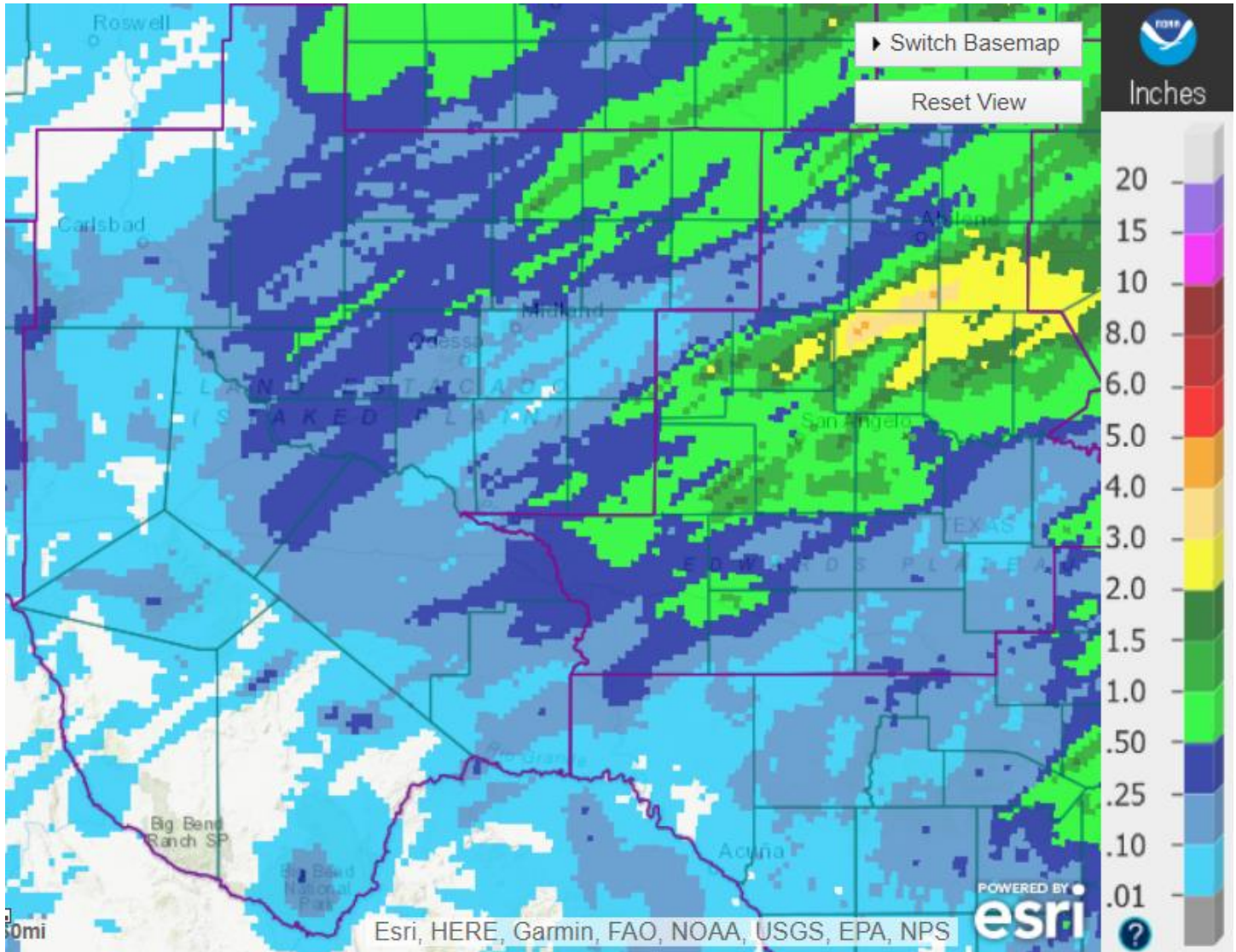
City	AWOS ID	December	November
Alpine	KE38	0.01"	0.35"
Andrews County	KE11	M	0.76"
Artesia, NM	KATS	0.04"	0.69'
Big Spring	KBGP	0.18"	1.33"
Culberson County	KVHN	0.02"	0.58"
Gaines County	KGNC	0.14"	0.47"
Hobbs, NM	KHOB	0.08"	0.20"
Lamesa Municipal	KLUV	0.18"	0.60"
Marfa	KMRF	M	0.23"
Midland Airpark	KMDD	0.02"	0.12"
Pecos County	KPEQ	0.15"	1.29"
Presidio County	KPRS	0.10"	0.03"

Reagan County	KE41	0.16"	2.07"
Snyder	KSNK	0.36"	0.72"

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

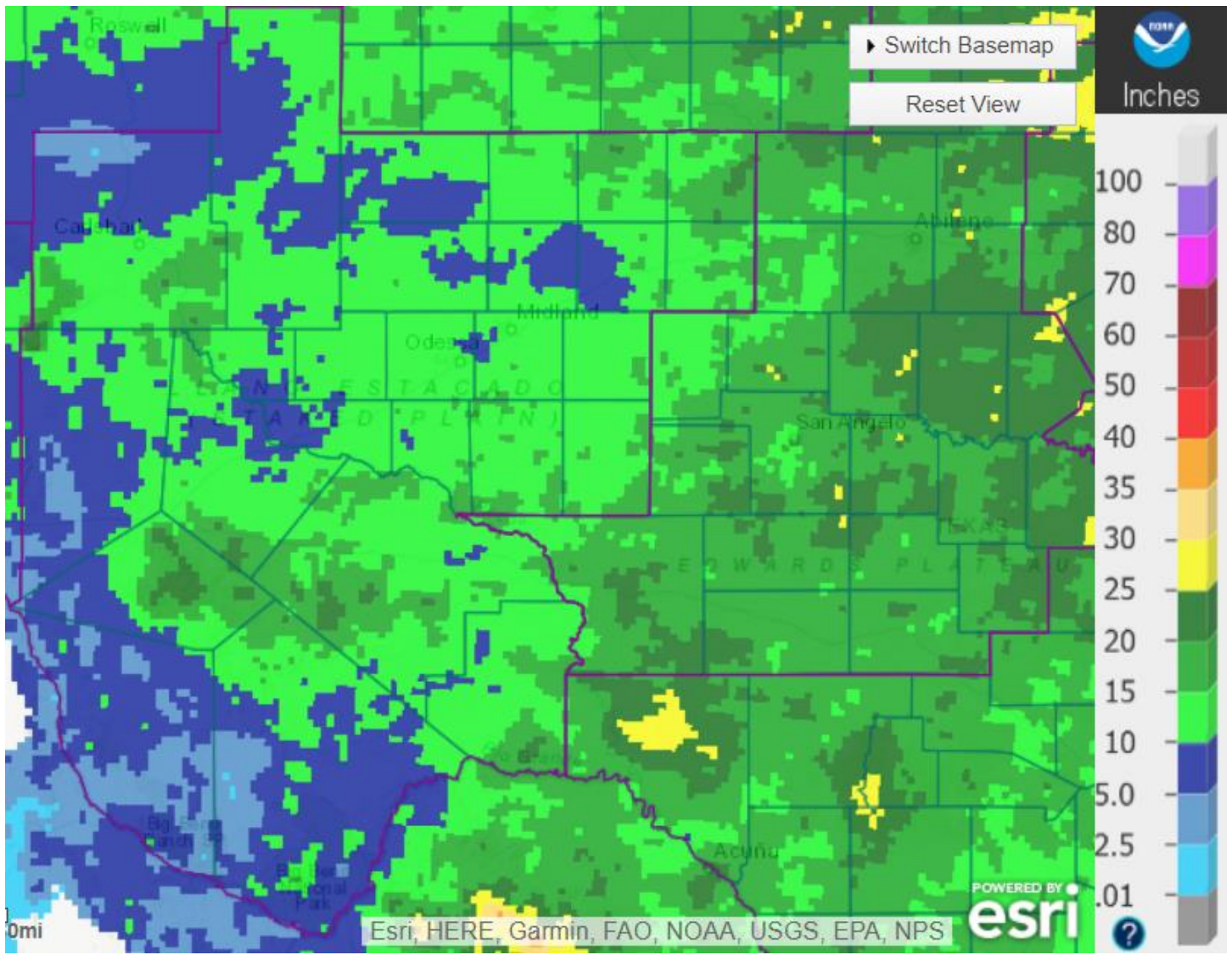
- Tarzan, Martin County 0.57"
- Colorado City, Mitchell County 0.61"
- Big Spring, Howard County 0.75"
- Marathon, Brewster County 1.15"

82 locations reported rainfall for the month of December, for an HSA average of 0.20".



December Precipitation

Normal December precipitation for Midland International Air and Space Port is 0.59". Total precipitation for 2022 was 9.40", or 4.11" below normal and just shy of 70% of normal.



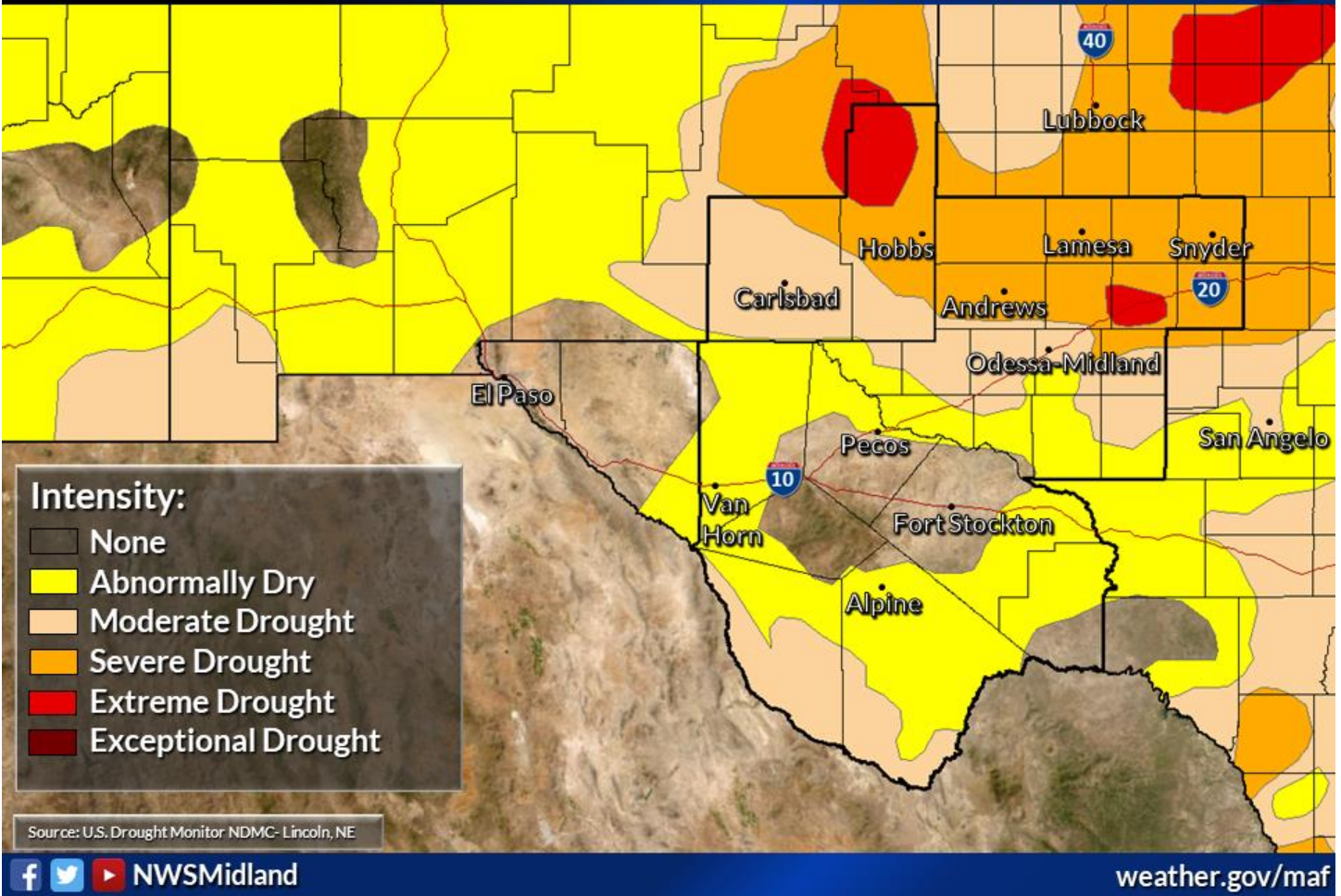
2022 Precipitation

Latest Drought Conditions

Valid 27 December 2022

Weather Forecast Office
Midland/Odessa, TX

Issued December 31, 2022 2:20 PM CT



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

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

weather.gov/maf

Reservoir levels across the HSA averaged 51.2% of conservation capacity as of January 1st:

Reservoir (County, State)	January 1 Conserv Cap (%)	December 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	24.2	26.0
Colorado City (Mitchell, TX)	55.8	57.3
Champion Creek (Mitchell, TX)	60.0	61.2
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	78.0	74.0
Brantley (Eddy, NM)	79.0	72.0
Avalon (Eddy, NM)	1.0	3.0
Red Bluff (Reeves, TX)	63.5	61.0

Non-Routine Products Issued for December:

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**