

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

December

YEAR

2021

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.

The drought continued through December, with very little rainfall for West Texas and Southeast New Mexico. The one exception was an upper-level storm system that brought rain to the area on New Year's Eve, ending Midland International Air and Space Port's 90-day streak of no measurable precipitation. The 90-day streak was the 3rd-longest dry stretch on record. Guadalupe Mountains National Park received up to 2" of rainfall. Otherwise, no notable hydrologic activity was reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	December	November
Carlsbad, NM	KCNM	0.14"	0.14"
Fort Stockton	KFST	0.07"	0.07"
Guadalupe Pass	KGDP	M	M
Midland Int'l	KMAF	0.04"	T
Odessa	KODO	T	T
Terrell County	K6R6	0.00"	0.00"
Wink	KINK	T	T

Precipitation amounts from area AWOS's:

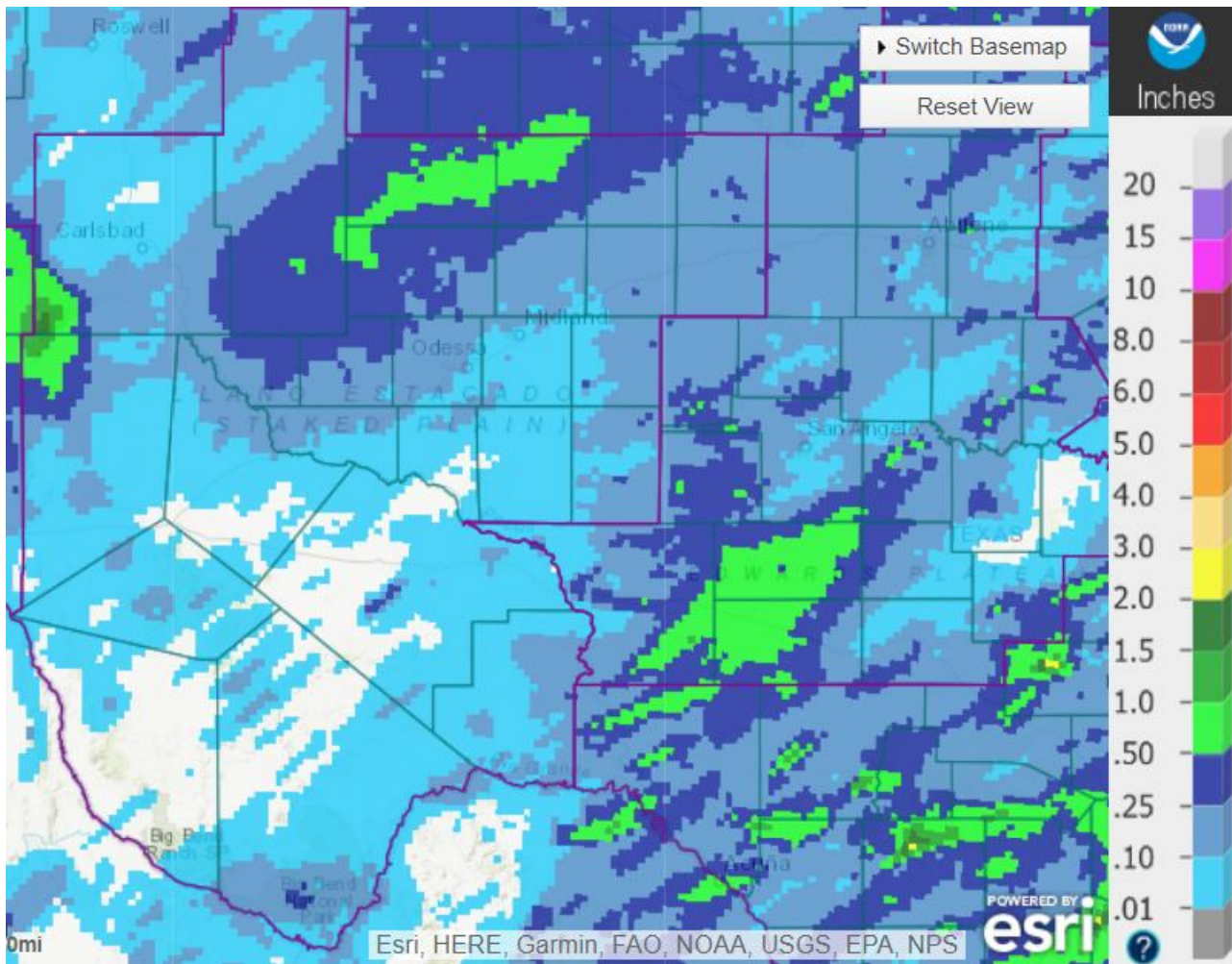
City	AWOS ID	December	November
Alpine	KE38	0.05"	0.05"
Andrews County	KE11	0.00"	0.00"
Artesia, NM	KATS	0.00"	0.00'
Big Spring	KBGP	0.03"	0.03"
Culberson County	KVHN	0.09"	0.09"
Gaines County	KGNC	0.00"	0.00"
Hobbs, NM	KHOB	0.00"	0.00"
Lamesa Municipal	KLUV	0.00"	0.00"
Marfa	KMRF	0.09"	0.09"
Midland Airpark	KMDD	0.00"	0.00"
Pecos County	KPEQ	0.03"	0.03"

Presidio County	KPRS	0.14"	0.14"
Reagan County	KE41	M	M
Snyder	KSNK	0.06"	0.06"

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

Queen, Eddy County 0.52"
Panther Junction, Brewster County 0.54"
Pine Springs, Culberson County 1.50"
Dog Canyon, Culberson County 1.74"

84 locations reported rainfall for the month of December, for an HSA average of 0.16".



December Precipitation

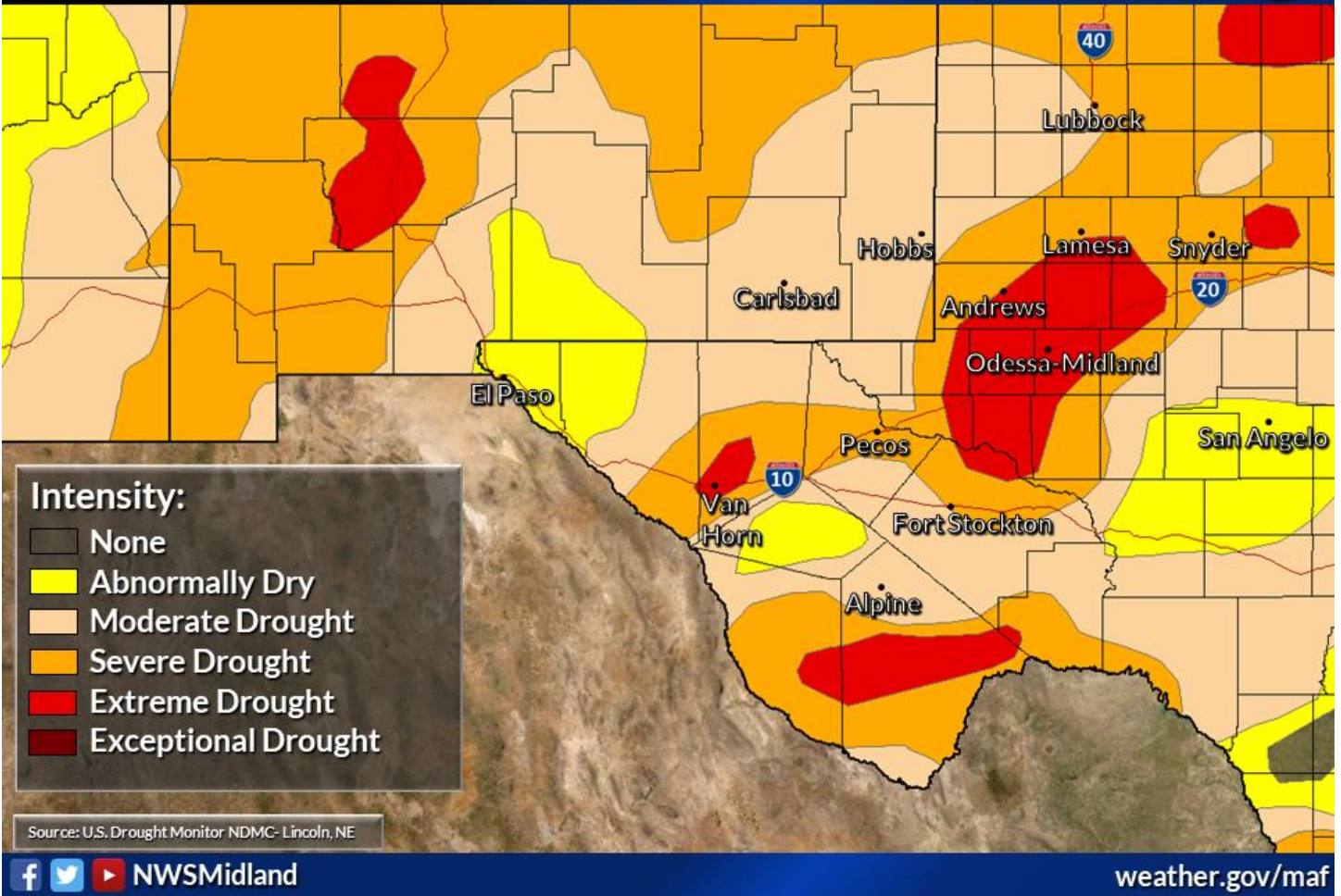
Normal December precipitation for Midland International Air and Space Port is 0.59". Total precipitation for 2021 ending January 1st was 13.76", or 0.25" above normal. Normal yearly rainfall is 13.51".

Latest Drought Conditions

Valid 28 December 2021

Weather Forecast Office
Midland/Odessa, TX

Issued January 1, 2022 5:20 AM CT



Reservoir levels across the HSA averaged 61.2% of conservation capacity as of January 1st:

Reservoir (County, State)	January 1 Conserv Cap (%)	December 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	40.2	41.3
Colorado City (Mitchell, TX)	74.1	75.2
Champion Creek (Mitchell, TX)	69.9	71.0
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	75.0	81.0
Brantley (Eddy, NM)	57.0	56.0
Avalon (Eddy, NM)	51.0	41.0
Red Bluff (Reeves, TX)	74.0	73.4

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**