

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**February**

YEAR

**2021**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**March 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.

Aside from a few locations along the West Texas Pecos River and Rio Grande, below-normal precipitation was observed across West Texas and Southeast New Mexico in February. Most of what did fall came from a snowstorm that occurred mid-month across the entire HSA.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	KCNM	0.15"	0.16"
Fort Stockton	KFST	0.14"	0.41"
Guadalupe Pass	KGDP	T	0.17"
Midland Int'l	KMAF	0.16"	0.36"
Odessa	KODO	0.03"	0.23"
Terrell County	K6R6	0.08"	0.52"
Wink	KINK	0.03"	0.19"

Precipitation amounts from area AWOS's:

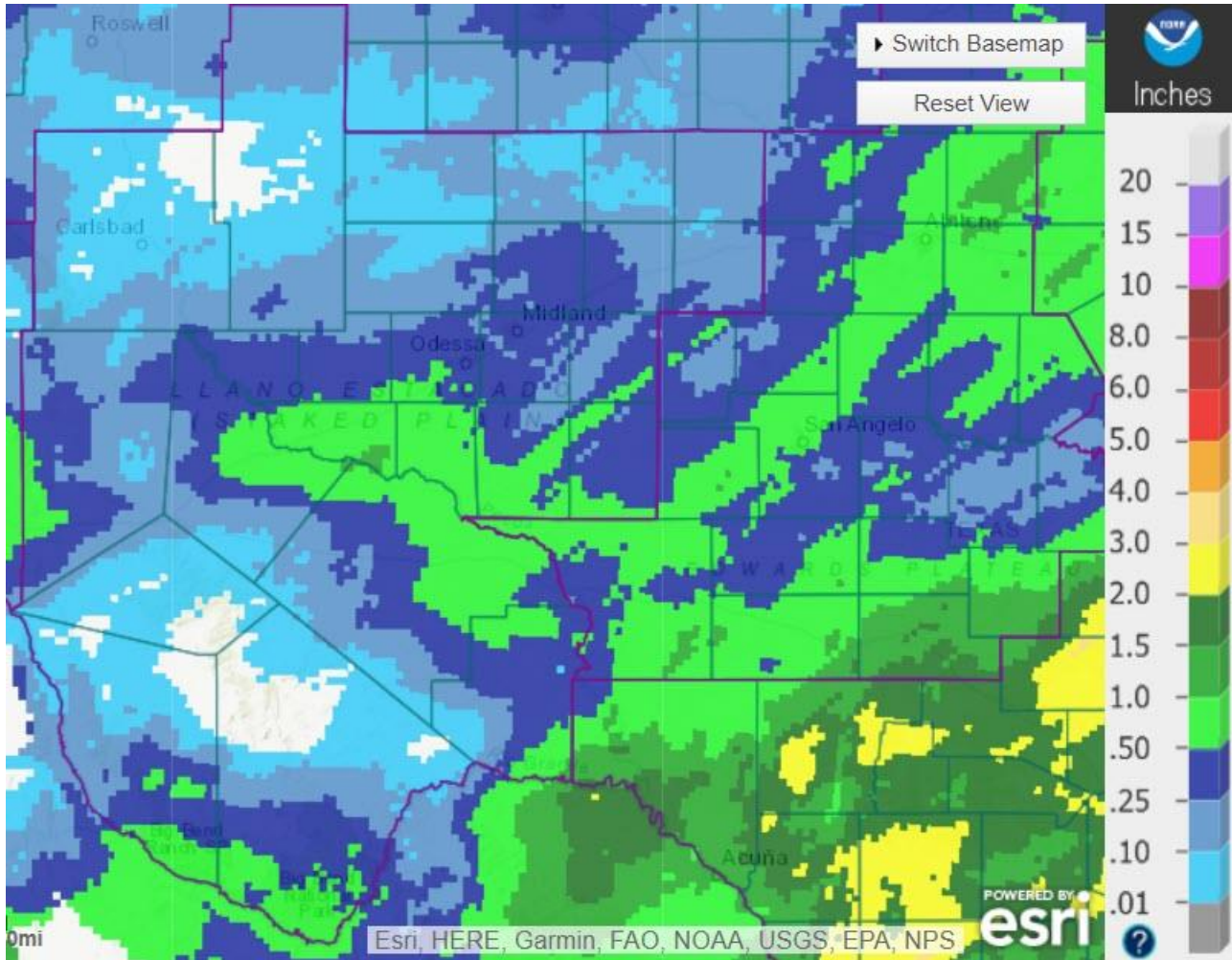
City	AWOS ID	February	January
Alpine	KE38	0.08"	0.15"
Andrews County	KE11	M	0.23"
Artesia, NM	KATS	M	0.09"
Big Spring	KBGP	M	0.23"
Culberson County	KVHN	0.10"	0.02"
Gaines County	KGNC	M	0.65"
Hobbs, NM	KHOB	0.00"	0.16"
Lamesa Municipal	KLUV	M	0.25"
Marfa	KMRF	0.13"	0.42"
Midland Airpark	KMDD	M	0.04"
Pecos County	KPEQ	0.11"	0.13"
Presidio County	KPRS	0.33"	0.19"

Reagan County	KE41	M	0.50"
Snyder	KSNK	0.05"	0.10"

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

Chisos Basin, Brewster County 0.73"  
 Crane, Crane County 0.82"  
 Persimmon Gap, Brewster County 1.04"  
 Castolon, Brewster County 1.77"

86 locations reported rainfall for the month of February, for an HSA average of 0.26".



February Precipitation

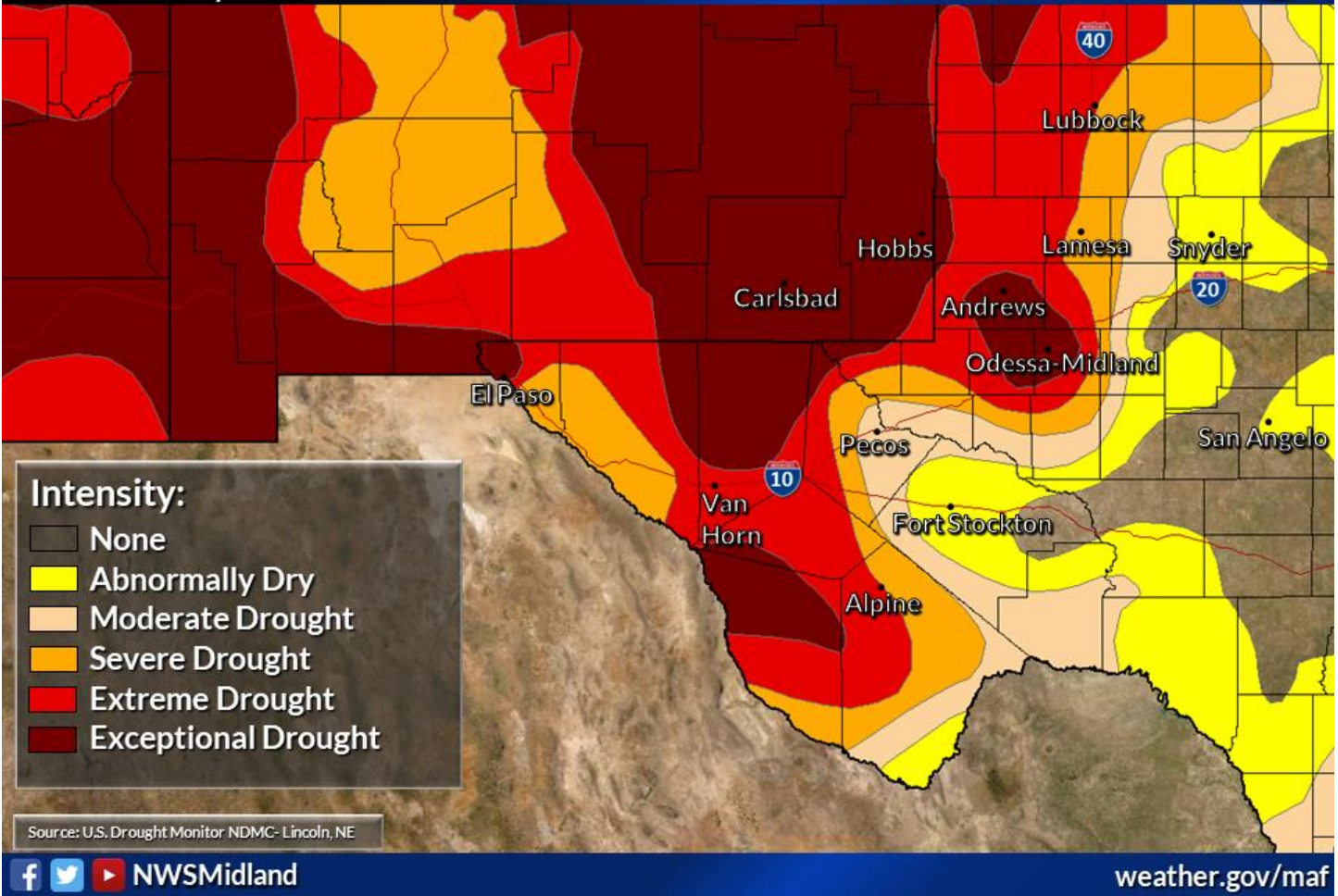
Normal February precipitation for Midland International Air and Space Port is 0.71". Total precipitation for 2021 ending March 1<sup>st</sup> was 0.52", or 0.75" below normal.

# Latest Drought Conditions

Valid 23 February 2021

Weather Forecast Office  
Midland/Odessa, TX

Issued March 2, 2021 7:44 AM CT



Reservoir levels across the HSA averaged 44.1% of conservation capacity as of March 1<sup>st</sup>:

Reservoir (County, State)	March 1 Conserv Cap (%)	February 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	13.0	13.6
Colorado City (Mitchell, TX)	36.0	36.6
Champion Creek (Mitchell, TX)	58.3	58.7
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	61.0	63.0
Brantley (Eddy, NM)	30.0	26.0
Avalon (Eddy, NM)	56.0	52.0
Red Bluff (Reeves, TX)	49.9	48.9

## Non-Routine Products Issued for February:

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**