

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2021

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 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.

April would have otherwise been another dry month for West Texas and Southeast New Mexico, were it not for a slow-moving upper trough that moved through the region at the end of the month. This storm system brought more rainfall in a couple of days to many locations than they've seen in months. Rivers even rose a little from baseflow.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	KCNM	1.87"	0.11"
Fort Stockton	KFST	0.74"	T
Guadalupe Pass	KGDP	0.19"	T
Midland Int'l	KMAF	2.25"	0.24"
Odessa	KODO	1.08"	0.26"
Terrell County	K6R6	0.10"	0.00"
Wink	KINK	0.00"	0.01"

Precipitation amounts from area AWOS's:

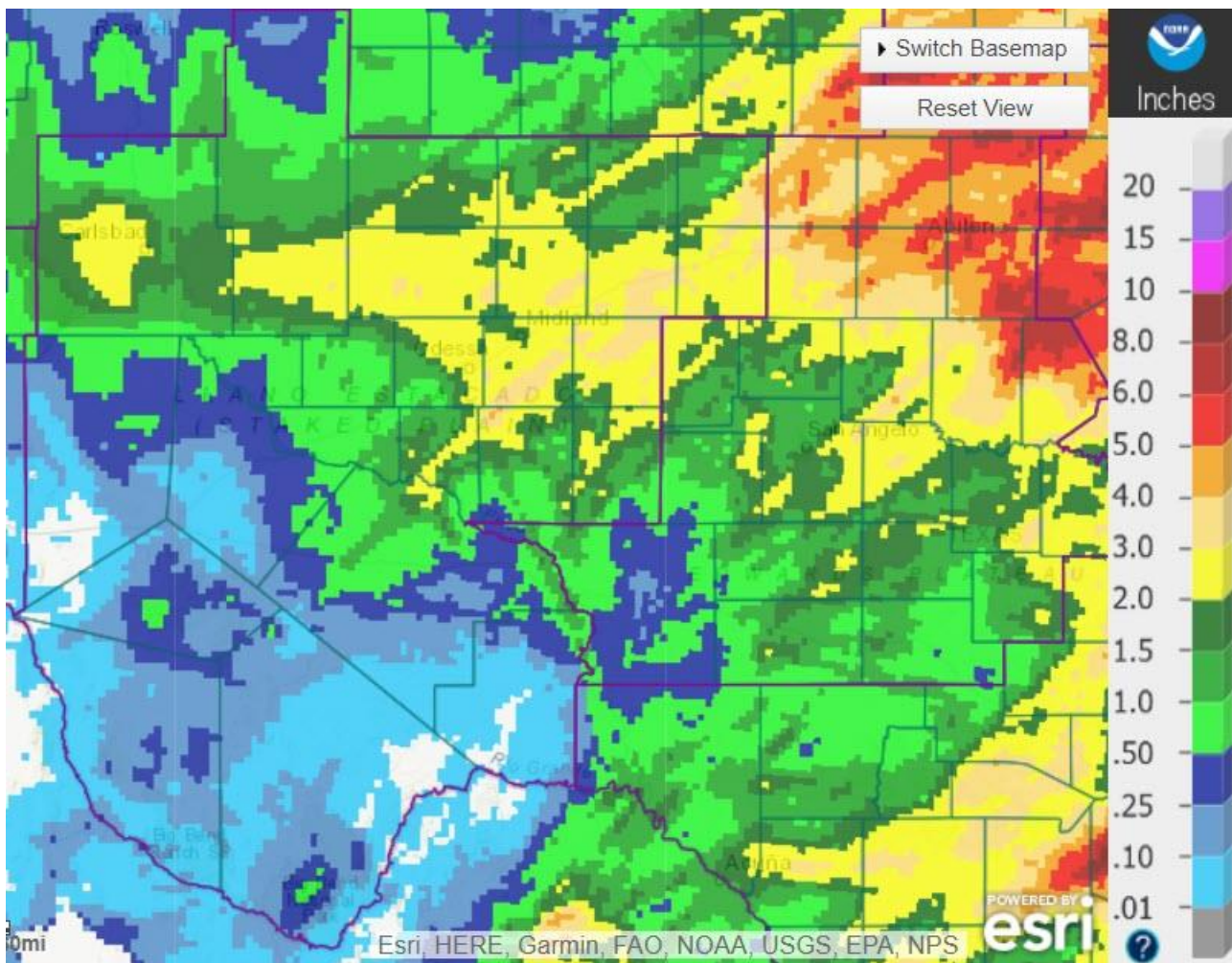
City	AWOS ID	April	March
Alpine	KE38	0.36"	0.03"
Andrews County	KE11	3.11"	0.06"
Artesia, NM	KATS	0.64"	0.02'
Big Spring	KBGP	2.91"	0.26"
Culberson County	KVHN	0.02"	0.00"
Gaines County	KGNC	1.08"	0.02"
Hobbs, NM	KHOB	0.41"	0.00"
Lamesa Municipal	KLUV	1.01"	0.03"
Marfa	KMRF	0.34"	T
Midland Airpark	KMDD	0.89"	0.05"
Pecos County	KPEQ	0.14"	0.03"

Presidio County	KPRS	0.62"	0.02"
Reagan County	KE41	0.21"	0.54"
Snyder	KSNK	0.67"	0.16"

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

Gail, Borden County 2.62"
 Lees, Glasscock County 3.02"
 Lomax, Howard County 3.43"
 Andrews, Gaines County 4.67"

89 locations reported rainfall for the month of April, for an HSA average of 1.04".



April Precipitation

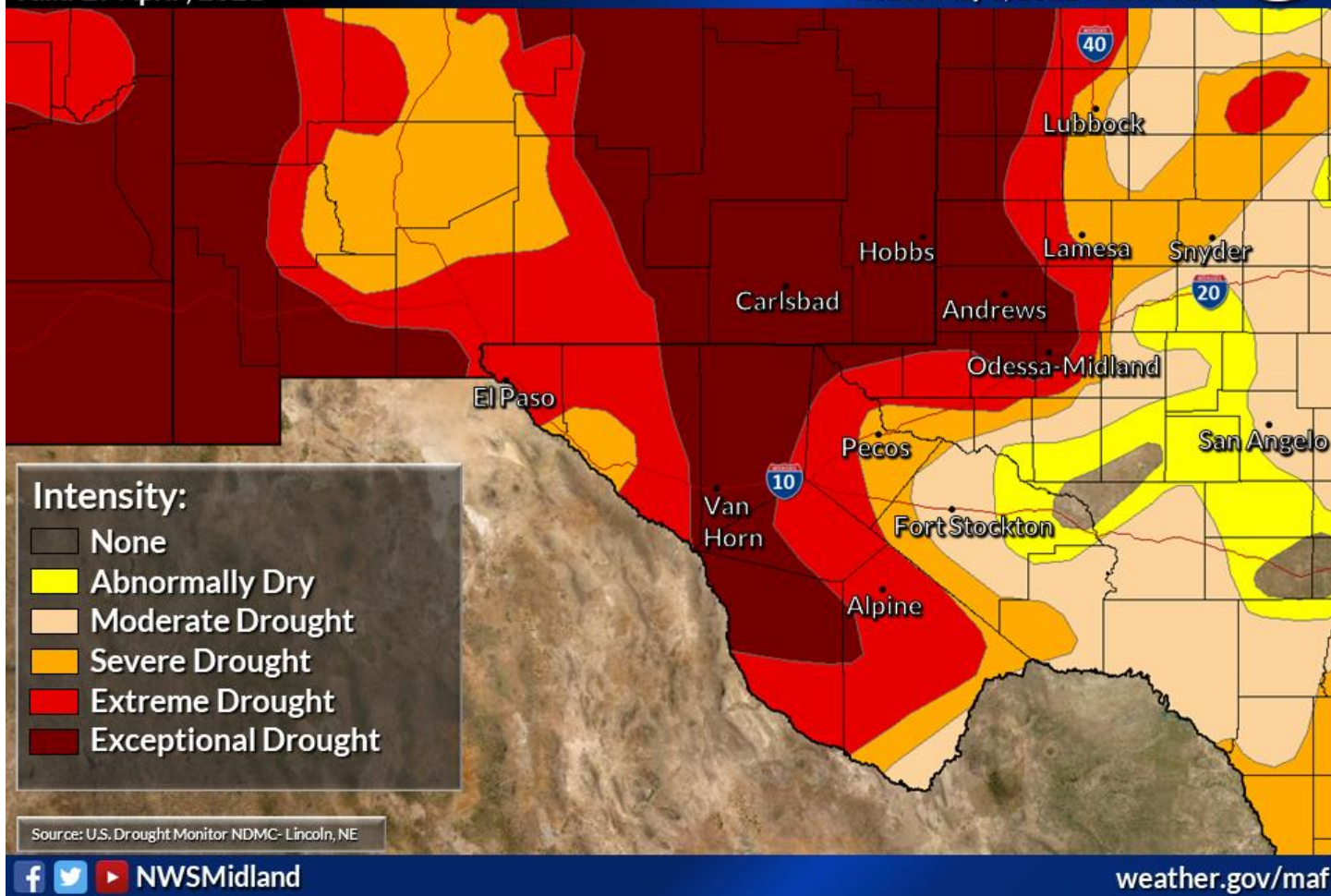
Normal April precipitation for Midland International Air and Space Port is 0.65". Total precipitation for 2021 ending May 1st was 3.01", or 0.49" above normal.

Latest Drought Conditions

Weather Forecast Office
Midland/Odessa, TX
Issued May 1, 2021 4:33 AM CT



Valid 27 April, 2021



Reservoir levels across the HSA averaged 38.8% of conservation capacity as of May 1st:

Reservoir (County, State)	May 1 Conserv Cap (%)	April 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	11.4	12.2
Colorado City (Mitchell, TX)	34.9	35.3
Champion Creek (Mitchell, TX)	57.7	57.5
Natural Dam Salt Lake (Howard, TX)	48.4	48.4
Moss Creek (Howard, TX)	52.0	55.0
Brantley (Eddy, NM)	32.0	33.0
Avalon (Eddy, NM)	26.0	56.0
Red Bluff (Reeves, TX)	47.7	48.9

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 0
Flash Flood Statements (FFS): 0
Flood Advisories/Statements (FLS): 10

Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 10

**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**