

<b>NWS FORM E-5</b> (11-88) (PRES. by NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>WFO Midland, Texas</b>
		REPORT FOR: MONTH <b>May</b> YEAR <b>2023</b>
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>		SIGNATURE <b>J. DeBerry</b> In Charge of HSA
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE <b>June 15, 2023</b>

*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 skies finally opened in May, mainly due to the return of Gul moisture to West Texas and Southeast New Mexico. Being May, much, if not most, of the events were severe in nature. However, a few hydrologic events were noted.

On May 12<sup>th</sup>, thunderstorms flooded several roads south of Westbrook in Mitchell County.

On the 18<sup>th</sup>, thunderstorms flooded Big Spring in Howard County, flooding many city roads. Roads were closed and vehicles stranded.

On May 19<sup>th</sup>, thunderstorms finally developed over Midland in Midland County, necessitating water rescues of vehicles by the fire department.

On the 20<sup>th</sup>, thunderstorms hit Andrews in Andrews County, resulting in street flooding to the tops of wheel wells on vehicles. Later in the day, streets just west of Midland were closed due to flooding, and several vehicles were stranded.

On May 23<sup>rd</sup>, Big Spring and areas south flooded once again from thunderstorms. Streets were closed and vehicles stranded.

On the 25<sup>th</sup>, thunderstorms down on the border flooded Comanche Creek and portions of RR170.

Thunderstorms redeveloped in the Big Bend Area from May 26<sup>th</sup> trough the 28<sup>th</sup>. Locally heavy rainfall, as well as rainfall on the Rio Conchos, brought the Rio Grande to minor/moderate flood from the Presidio International Bridge downstream to Boquillas.

Many rural areas of West Texas and Southeast New Mexico also likely saw some flash flooding in May, but these events were not reported due to sparse population density.

Precipitation amounts from area ASOS's:

City	ASOS ID	May	April
Carlsbad, NM	KCNM	0.78"	0.00"
Fort Stockton	KFST	0.06"	T
Guadalupe Pass	KGDP	0.95"	M
Midland Int'l	KMAF	0.98"	T

Odessa	KODO	2.83"	T
Terrell County	K6R6	0.74"	0.04"
Wink	KINK	0.26"	T

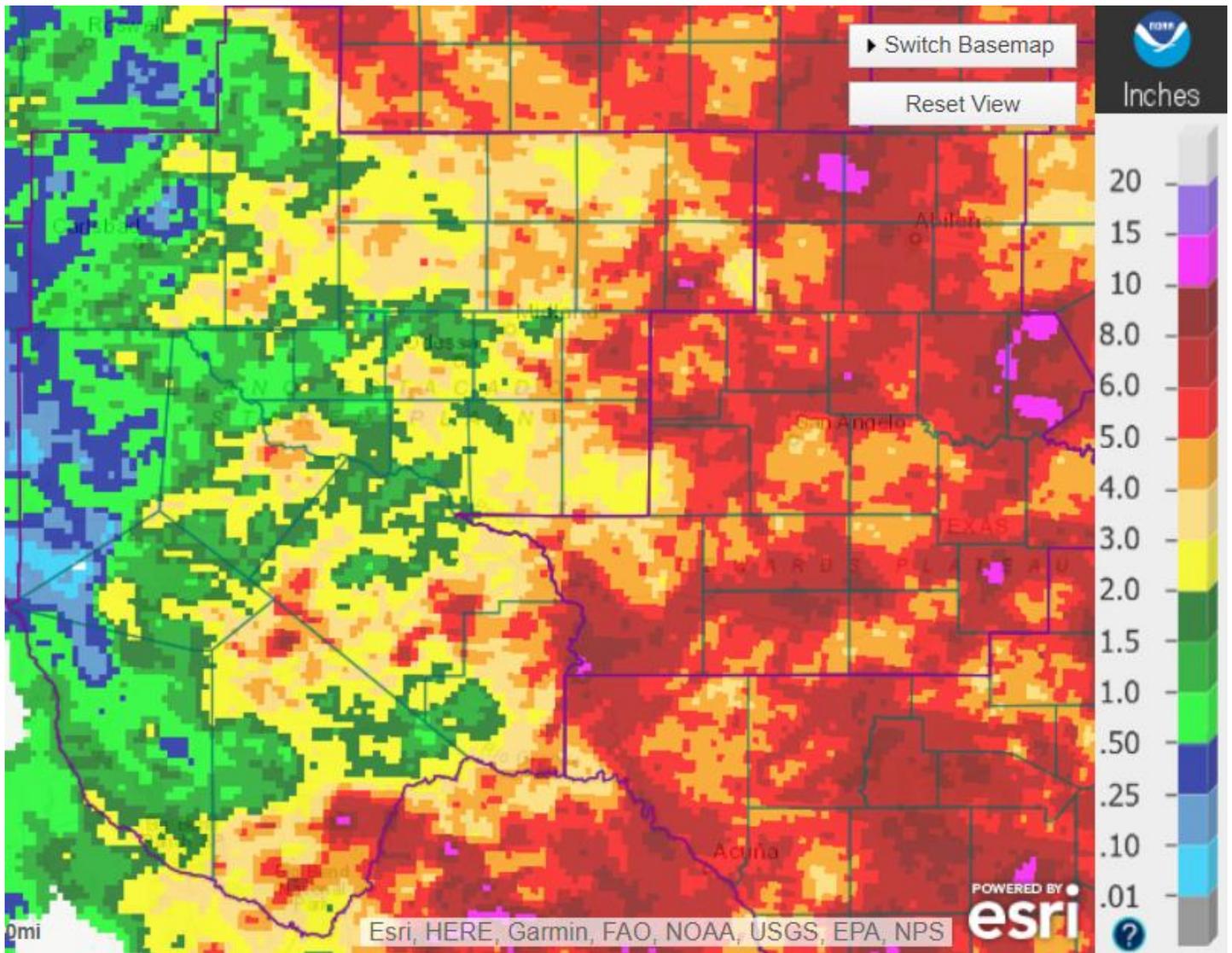
Precipitation amounts from area AWOS's:

<b>City</b>	<b>AWOS ID</b>	<b>May</b>	<b>April</b>
Alpine	KE38	1.34"	0.00"
Andrews County	KE11	3.33"	0.14"
Artesia, NM	KATS	0.43"	0.08'
Big Spring	KBGP	5.21"	0.15"
Culberson County	KVHN	0.03"	0.00"
Gaines County	KGNC	1.09"	0.14"
Hobbs, NM	KHOB	0.67"	0.25"
Lajitas	KT89	2.35"	0.00"
Lamesa Municipal	KLUV	2.64"	0.00"
Marfa	KMRF	1.36"	0.01"
Midland Airpark	KMDD	0.63"	0.00"
Pecos County	KPEQ	2.63"	0.00"
Presidio County	KPRS	2.45"	0.00"
Reagan County	KE41	1.90"	0.01"
Snyder	KSNK	4.36"	0.84"

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

Gail, Borden County                    4.29"  
 Welch, Dawson County                4.40"  
 Chisos Basin, Brewster County      4.82"  
 Andrews, Andrews County            4.84"

86 locations reported rainfall for the month of May, for an HSA average of 2.04".



### May Precipitation

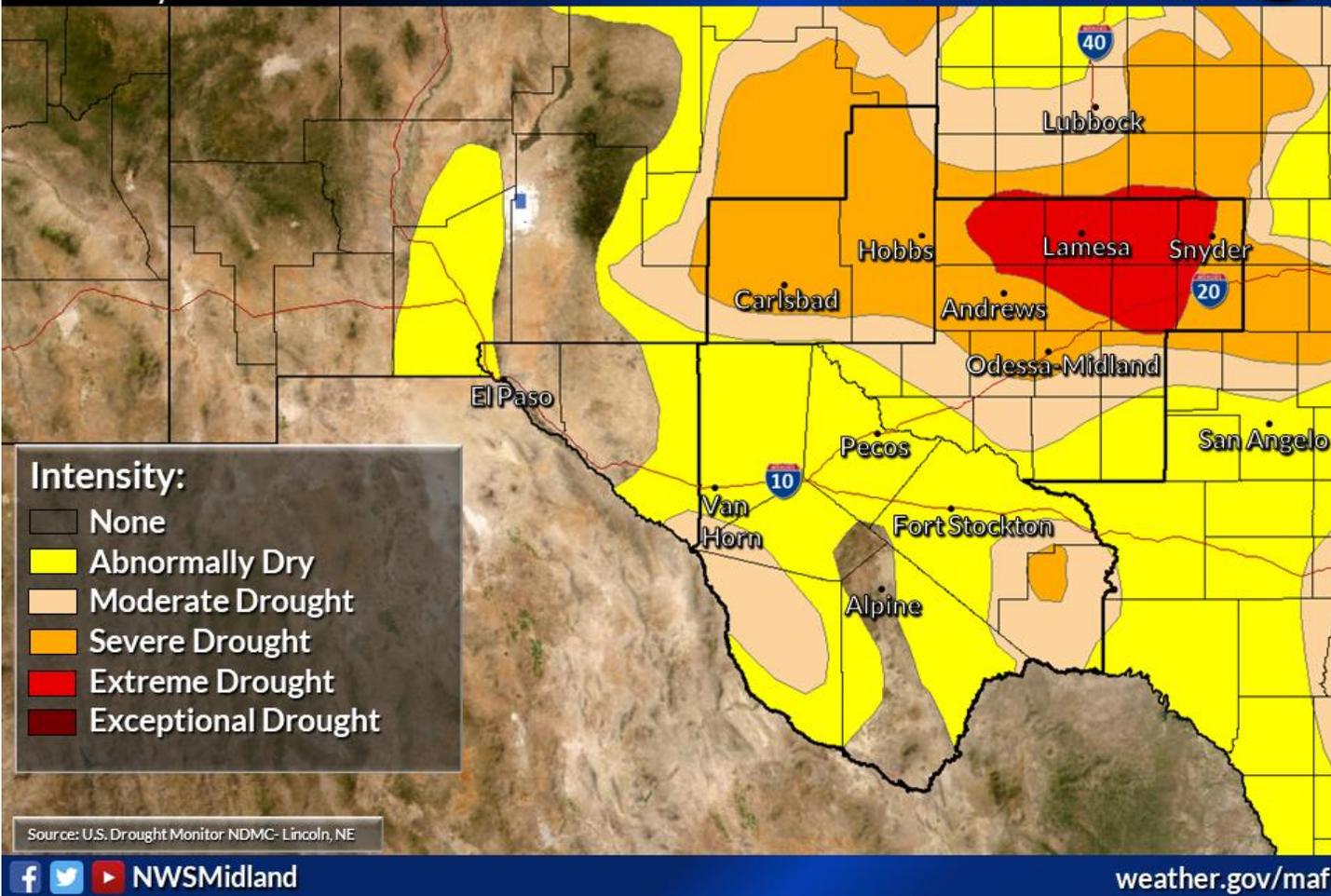
Normal May precipitation for Midland International Air and Space Port is 1.57". Total precipitation for 2023 ending June 1<sup>st</sup> was 1.40", or 2.79" below normal.

# Latest Drought Conditions

Weather Forecast Office  
Midland/Odessa, TX  
Issued June 1, 2023 12:18 PM CT



Valid 30 May 2023



Reservoir levels across the HSA averaged 48.0% of conservation capacity as of June 1<sup>st</sup>:

Reservoir (County, State)	June 1 Conserv Cap (%)	May 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	21.4	21.2
Colorado City (Mitchell, TX)	56.6	51.5
Champion Creek (Mitchell, TX)	56.9	57.2
Natural Dam Salt Lake (Howard, TX)	48.5	48.4
Moss Creek (Howard, TX)	79.0	79.0
Brantley (Eddy, NM)	42.0	57.0
Avalon (Eddy, NM)	23.0	34.0
Red Bluff (Reeves, TX)	56.4	57.7

## Non-Routine Products Issued for May:

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 21  
Flash Flood Statements (FFS): 18  
Flood Advisories/Statements (FLS): 57

Flood Warnings (FLW): 4

**Total Non-Routine Products Issued: 100**

**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**