

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

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.

June was fairly uneventful as the summertime ridge arrived in force, resulting in dry and warm weather across the Southern Plains. However, a few hydrologic events were noted.

On the afternoon of June 2nd, thunderstorms developed a mile northeast of Seminole in Gaines County, resulting in a few roads flooding. Some of these roads were closed, and a few motorists stranded. Thunderstorms 5 miles south of Seagraves flooded Highway 349 and temporarily closed FM 1429. Later that afternoon, thunderstorms inundated streets in Andrews in Andrews County, stranding motorists there. That evening, thunderstorms moved into Dawson County, flooding roads 2 miles north of Grandview. Some of these roads were barricaded, and motorists stranded. In Howard County, thunderstorms flooding roads west of Big Spring, forcing motorists to take detours and stranding others.

On the evening of the 7th, thunderstorms hit Andrews again, flooding numerous streets there. Thunderstorms also flooded streets on the south side of Big Spring.

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

Precipitation amounts from area ASOS's:

City	ASOS ID	June	May
Carlsbad, NM	KCNM	0.05"	0.78"
Fort Stockton	KFST	0.79"	0.06"
Guadalupe Pass	KGDP	0.23"	0.95"
Midland Int'l	KMAF	0.06"	0.98"
Odessa	KODO	T	2.83"
Terrell County	K6R6	2.49"	0.74"
Wink	KINK	0.23"	0.26"

Precipitation amounts from area AWOS's:

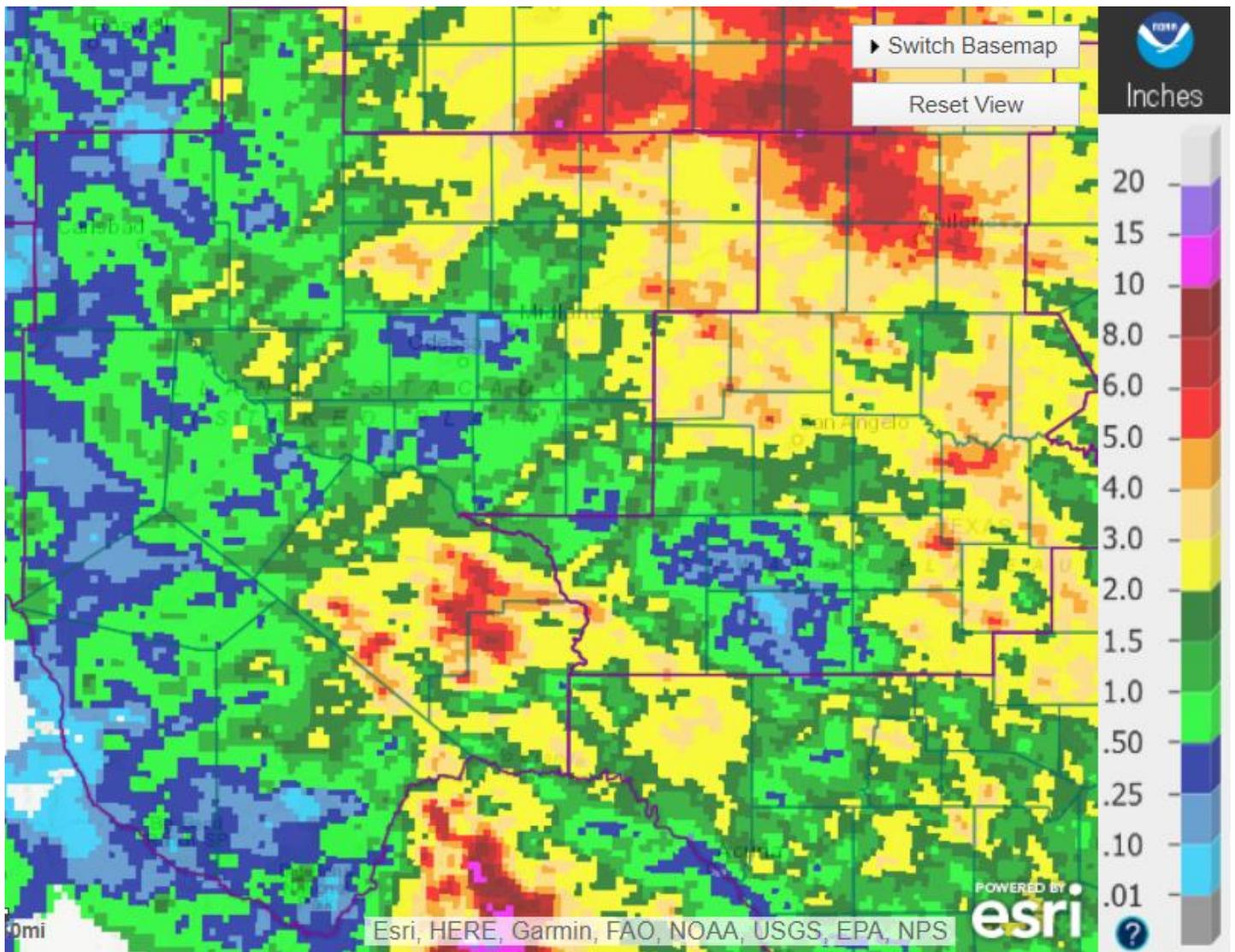
City	AWOS ID	June	May
Alpine	KE38	0.56"	1.34"

Andrews County	KE11	2.67"	3.33"
Artesia, NM	KATS	0.18"	0.43'
Big Spring	KBGP	2.70"	5.21"
Culberson County	KVHN	1.76"	0.03"
Gaines County	KGNC	1.03"	1.09"
Hobbs, NM	KHOB	0.94"	0.67"
Lajitas	KT89	0.37"	2.35"
Lamesa Municipal	KLUV	3.02"	2.64"
Marfa	KMRF	0.42"	1.36"
Midland Airpark	KMDD	M	0.63"
Pecos County	KPEQ	0.27"	2.63"
Presidio County	KPRS	0.06"	2.45"
Reagan County	KE41	0.03"	1.90"
Snyder	KSNK	2.07"	4.36"

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

Gail, Borden County	2.42"
Colorado City, Mitchell County	2.50"
Fluvanna, Scurry County	3.37"
Welch, Dawson County	3.65"

85 locations reported rainfall for the month of June, for an HSA average of 0.97".



June Precipitation

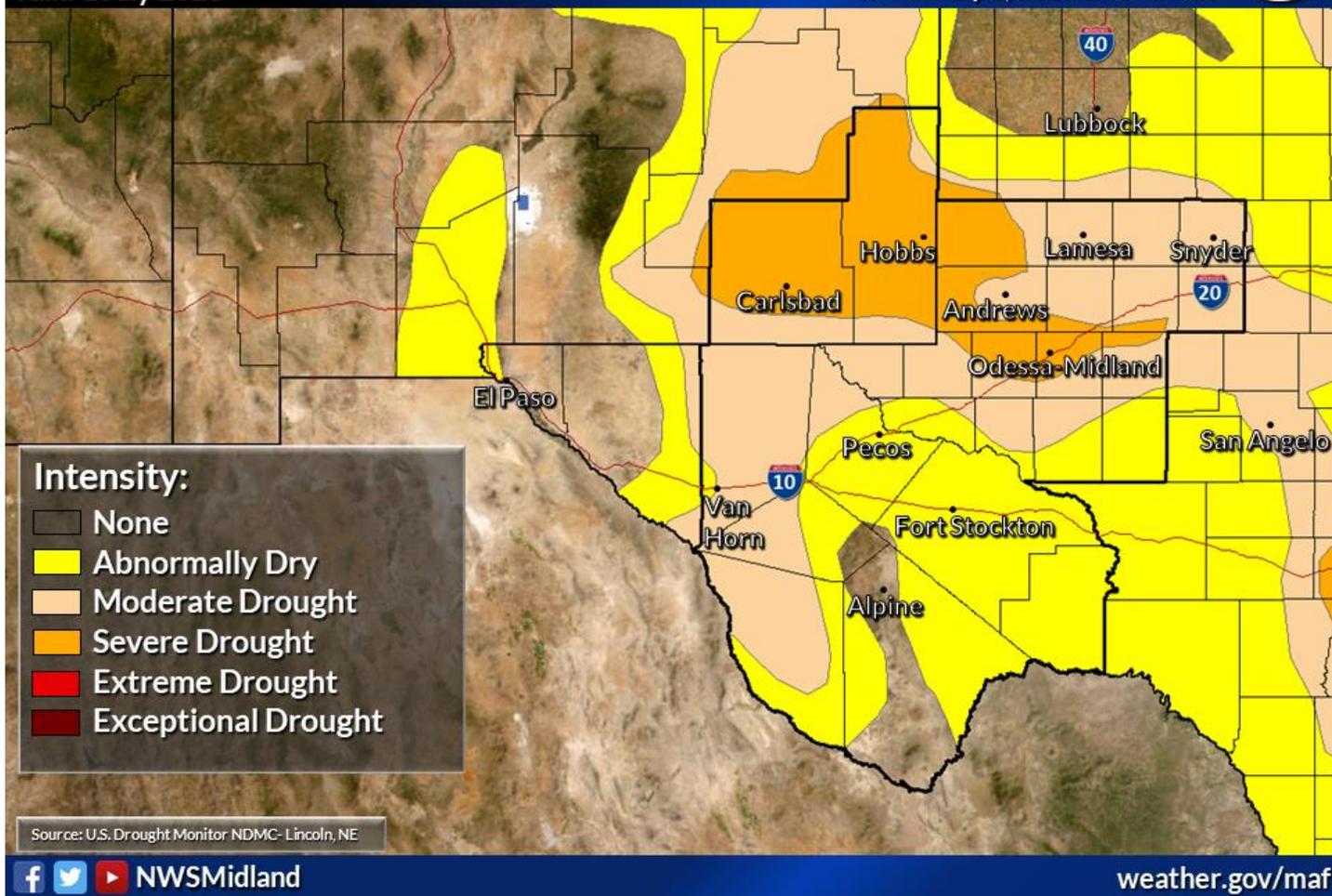
Normal June precipitation for Midland International Air and Space Port is 1.80". Total precipitation for 2023 ending July 1st was 1.46", or 4.58" below normal.

Latest Drought Conditions

Weather Forecast Office
Midland/Odessa, TX
Issued July 2, 2023 8:50 AM CT



Valid 1 July 2023



Reservoir levels across the HSA averaged 46.5% of conservation capacity as of July 1st:

Reservoir (County, State)	July 1 Conserv Cap (%)	June 1 Conserv Cap (%)
JB Thomas (Scurry, TX)	21.8	21.4
Colorado City (Mitchell, TX)	55.5	56.6
Champion Creek (Mitchell, TX)	56.5	56.9
Natural Dam Salt Lake (Howard, TX)	48.4	48.5
Moss Creek (Howard, TX)	75.0	79.0
Brantley (Eddy, NM)	36.0	42.0
Avalon (Eddy, NM)	25.0	23.0
Red Bluff (Reeves, TX)	53.4	56.4

Non-Routine Products Issued for June:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 27
Flash Flood Statements (FFS): 25
Flood Advisories/Statements (FLS): 0

Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 52

**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**