



Spring 2023 Weather Recap and Summer Outlook

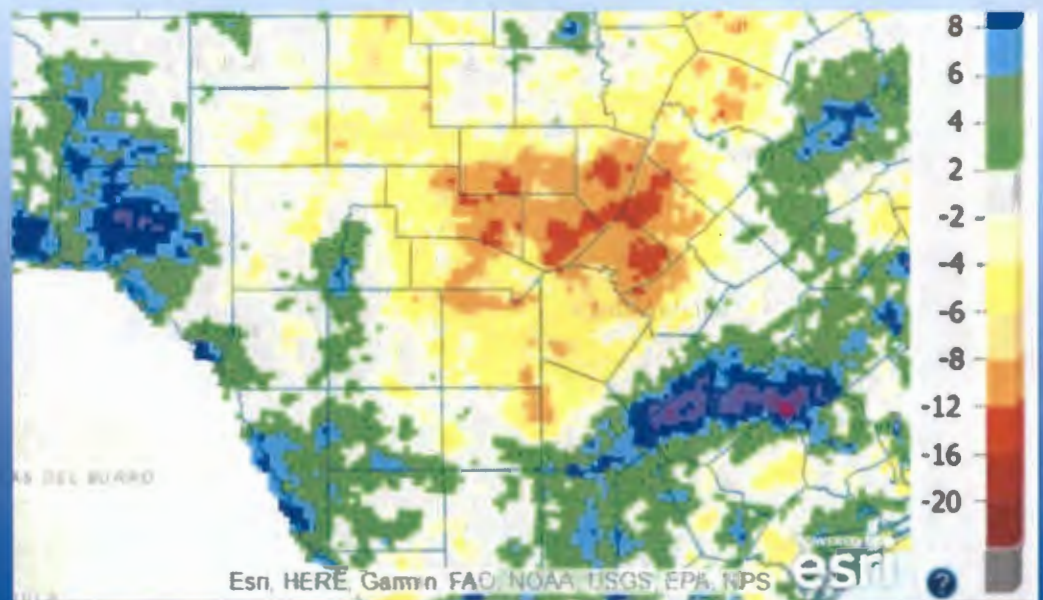
Spring Recap

- Very active spring severe weather season
- Near normal precipitation across the county and region
- Drought persists but has been reduced by spring rains



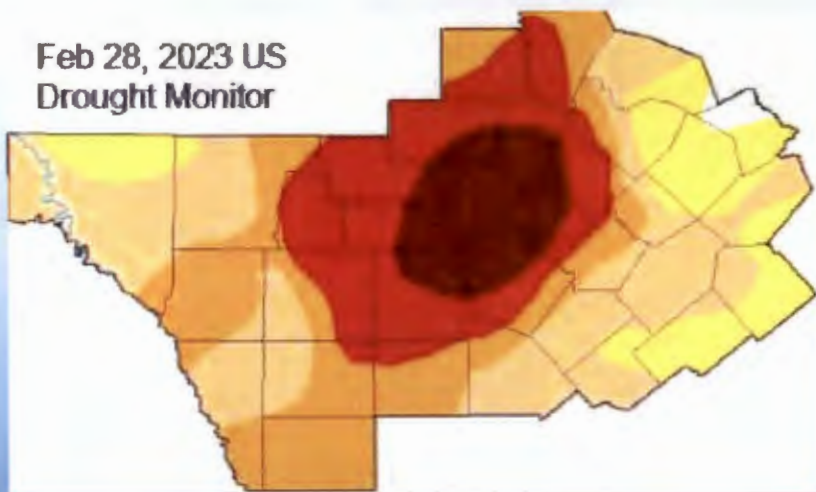
Spring Rains

- Near, but below normal spring rains have resulted in a nearly 16 inch deficit over the last year.
- Good news: Spring rains have reduced drought levels
- Bad News: Reservoir and aquifer levels remain low

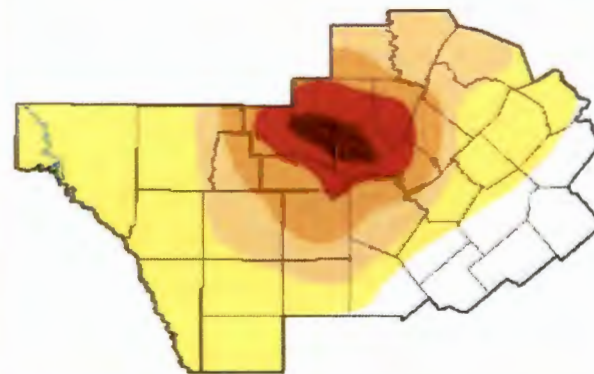


Drought Conditions

Feb 28, 2023 US
Drought Monitor



U.S. Drought Monitor
Austin/San Antonio, TX WFO



June 20, 2023
(Released Thursday, Jun. 22, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)						
	None	D0	D1	D2	D3	D4
Current	15.07	42.16	20.61	12.26	7.74	2.16
Last Week 06-13-2023	15.07	42.16	20.61	12.26	7.74	2.16
3 Months Ago 03-21-2023	0.95	0.70	13.96	41.03	17.79	15.60
Start of Calendar Year 01-01-2023	6.21	14.33	40.92	19.12	11.66	6.65
Start of Water Year 09-01-2022	1.55	13.05	33.69	28.92	16.78	4.60
One Year Ago 06-20-2022	0.00	0.06	10.90	14.92	38.24	35.68

Intensity:	
None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

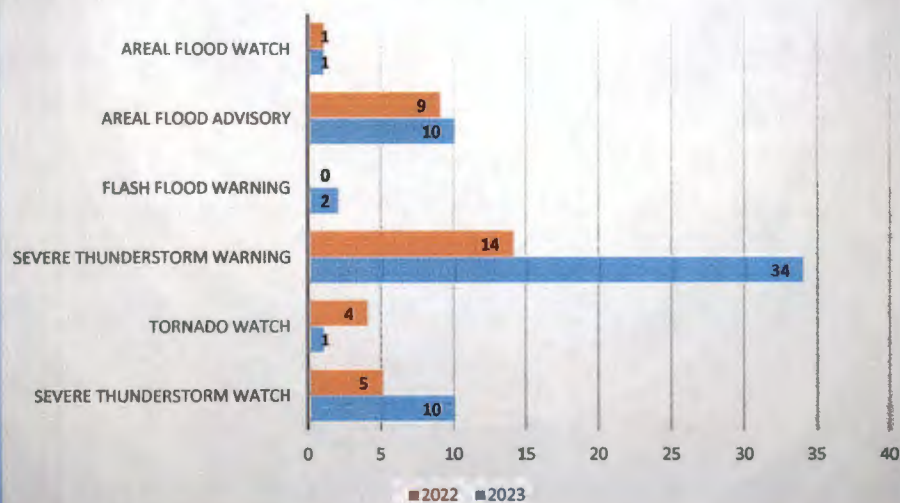
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.noaa.gov/About.aspx>

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NOAA/NWS/NCEP/CPD

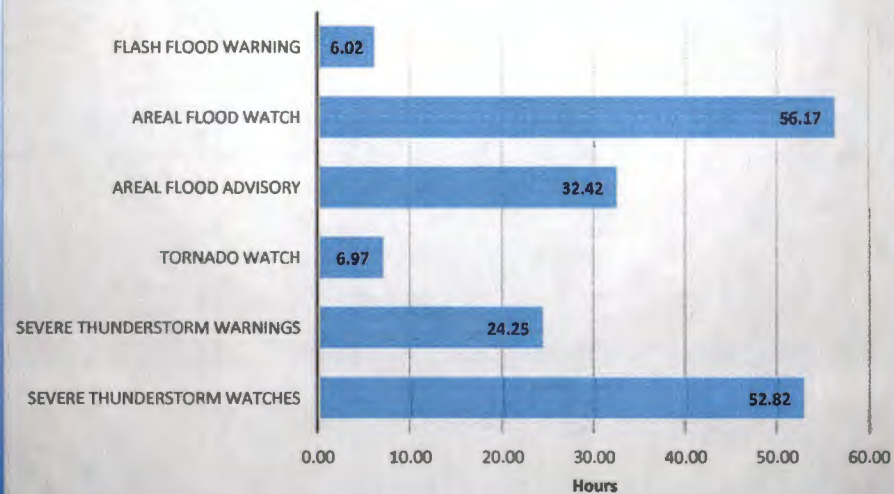


Severe Weather

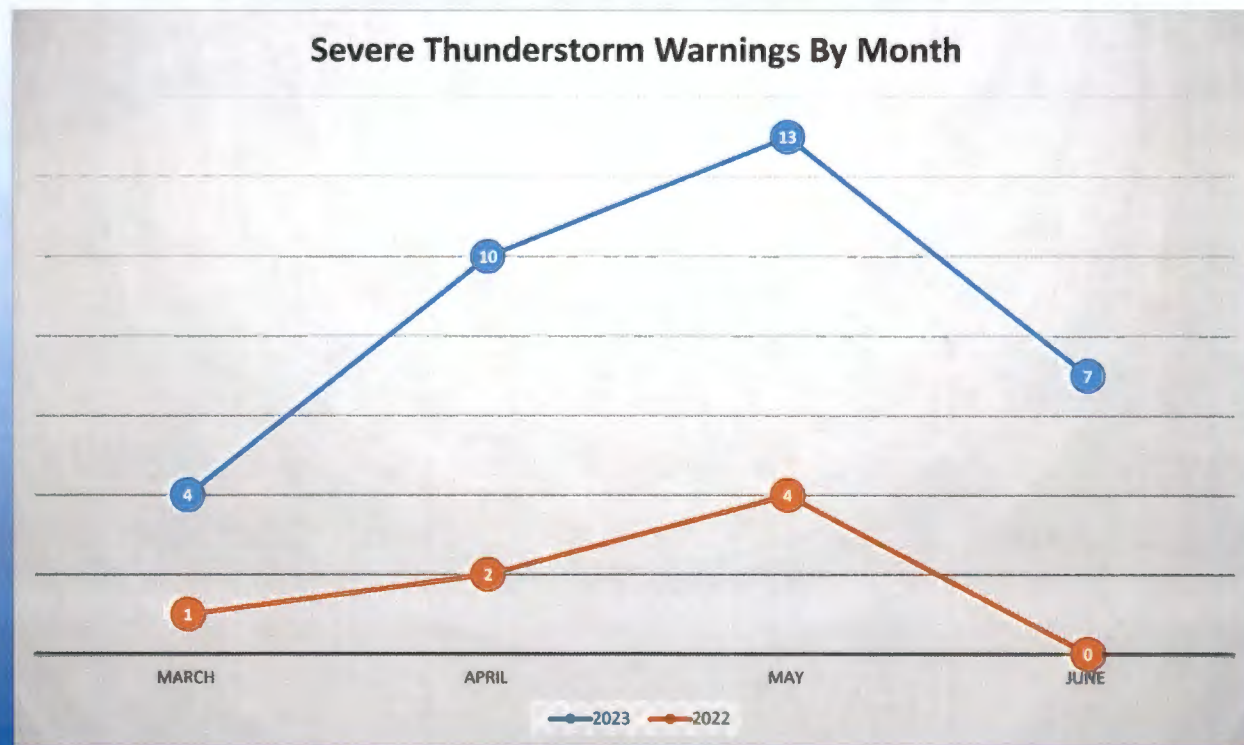
Total Watches and Warnings



Total Time Under Watches and Warnings

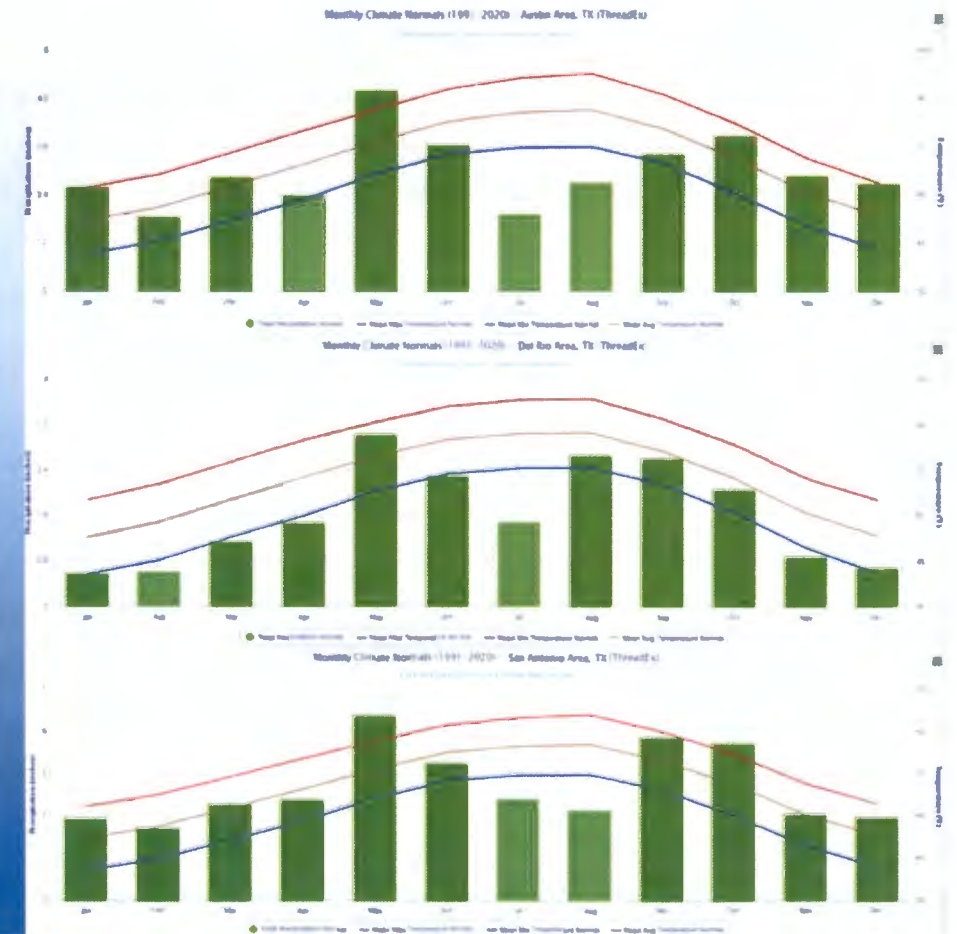


Severe Thunderstorm Warnings Comparison



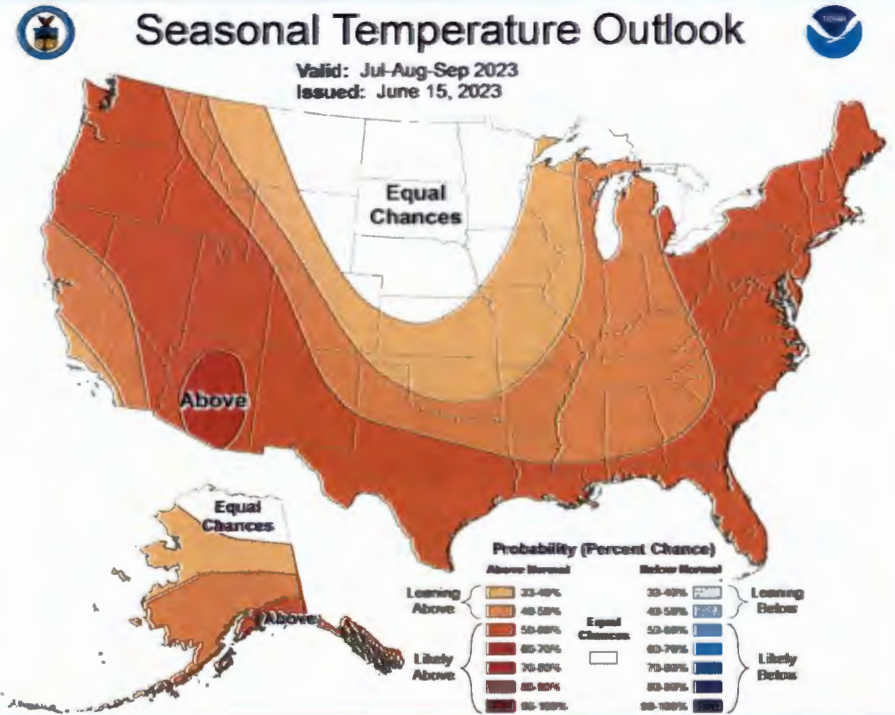
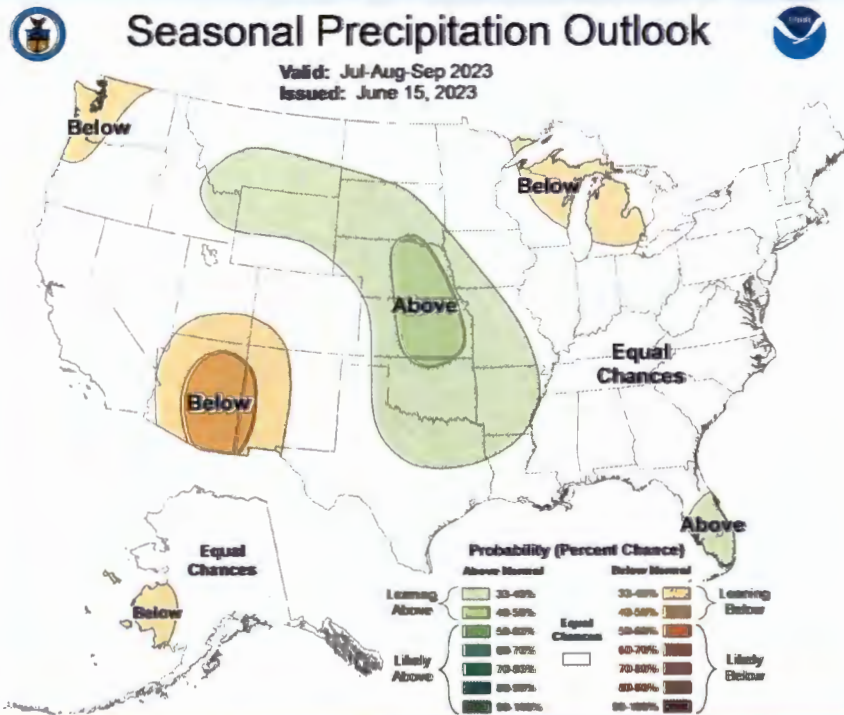
Summer Outlook

- So far, warmer than normal and expected to continue
- Entering the drier months
- 2nd wet season begins end of August
- Wet season may be supercharged by El Nino



Summer Outlook Cont.

- Temperature outlook: Warmer than normal temperatures are likely on avg through the end of August
- Equal chances of below, near, or above normal precipitation



Summer Outlook Cont.

Temperatures:

- Expecting above normal temperatures & heat impacts

Heavy rain/flash flooding/river flooding:

- Expecting near normal impacts through August, which in summer are typically isolated in nature barring a tropical system

Tropical Weather:

- Near normal seasonal storm totals are favored, but there's still a chance for an active or inactive season.
- Says nothing about landfalling systems; all it takes is one!

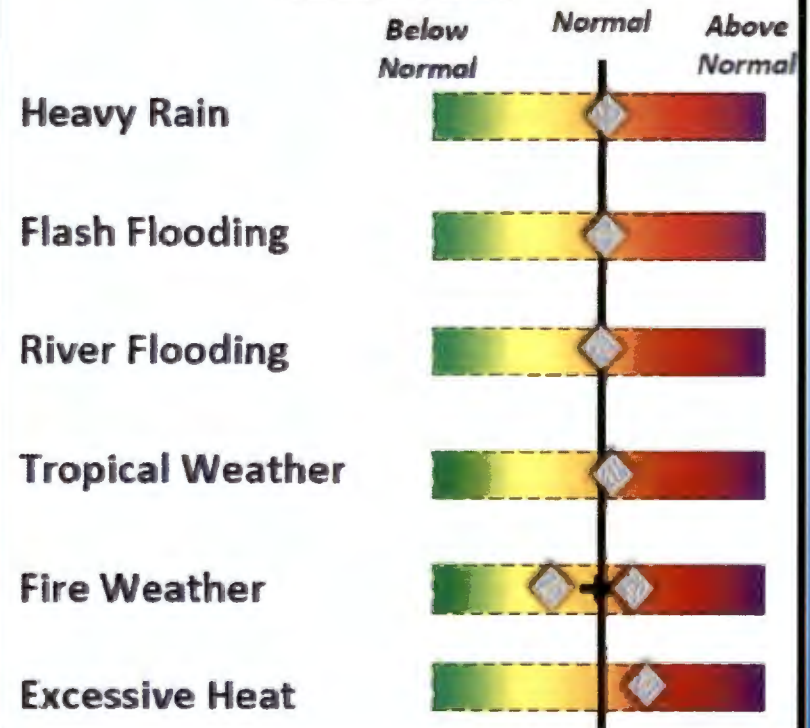
Fire weather:

- Expecting slightly below normal impacts from wildland fires due to near normal spring rains, but may trend towards slightly above normal later this summer



Impacts Outlook Summary

Summer 2023



In Summary

- A largely normal spring resulted in drought relief
- Year-to-date precipitation still showing up to a 16 inch deficit
- Hotter than normal summer expected
- 50-50 chance precipitation could go either way
- El Nino incoming
 - More rain and cooler weather going into fall?

