

Monitoring New Mexico Heat Trends

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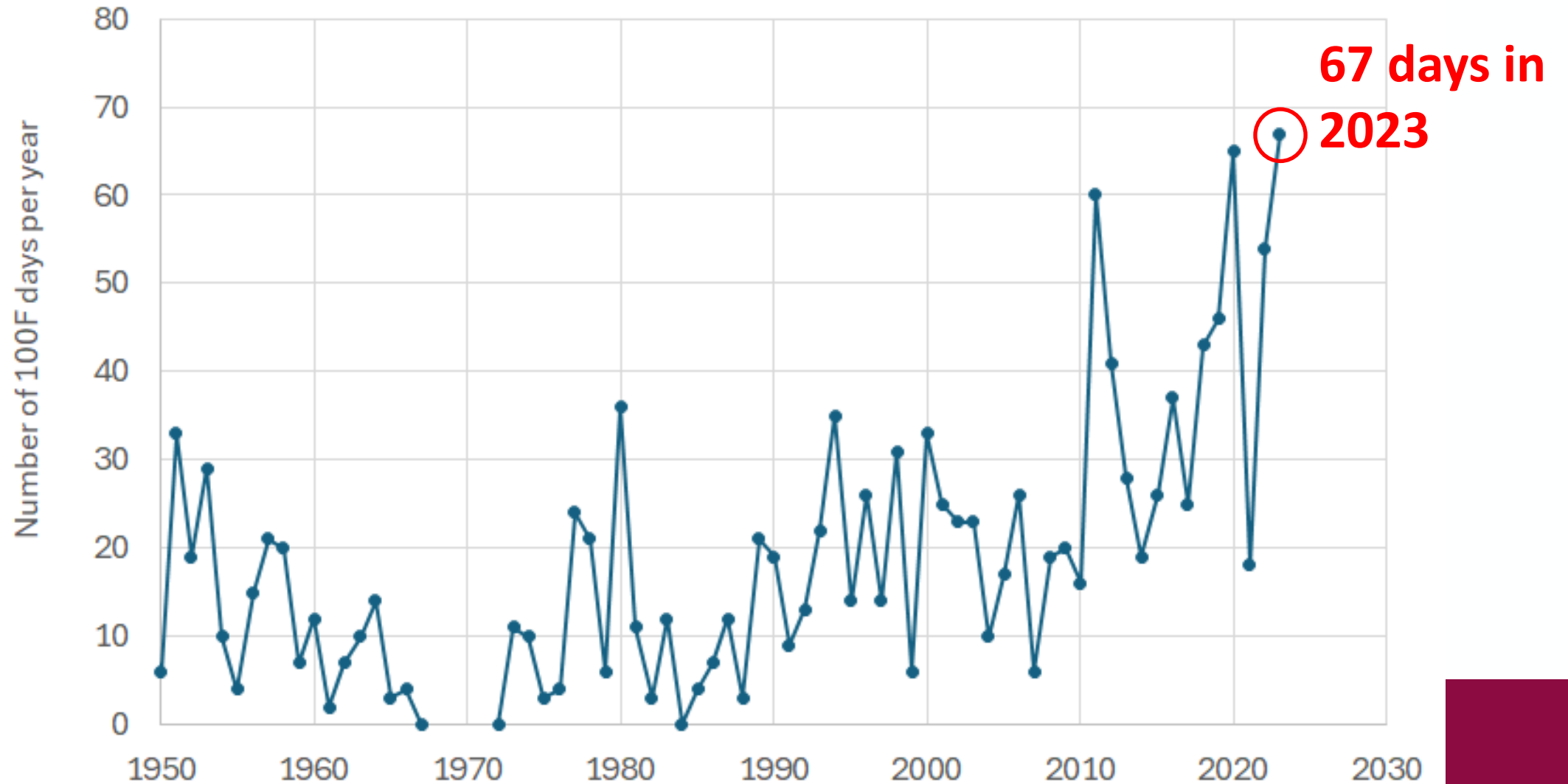
Department of Plant and Environmental
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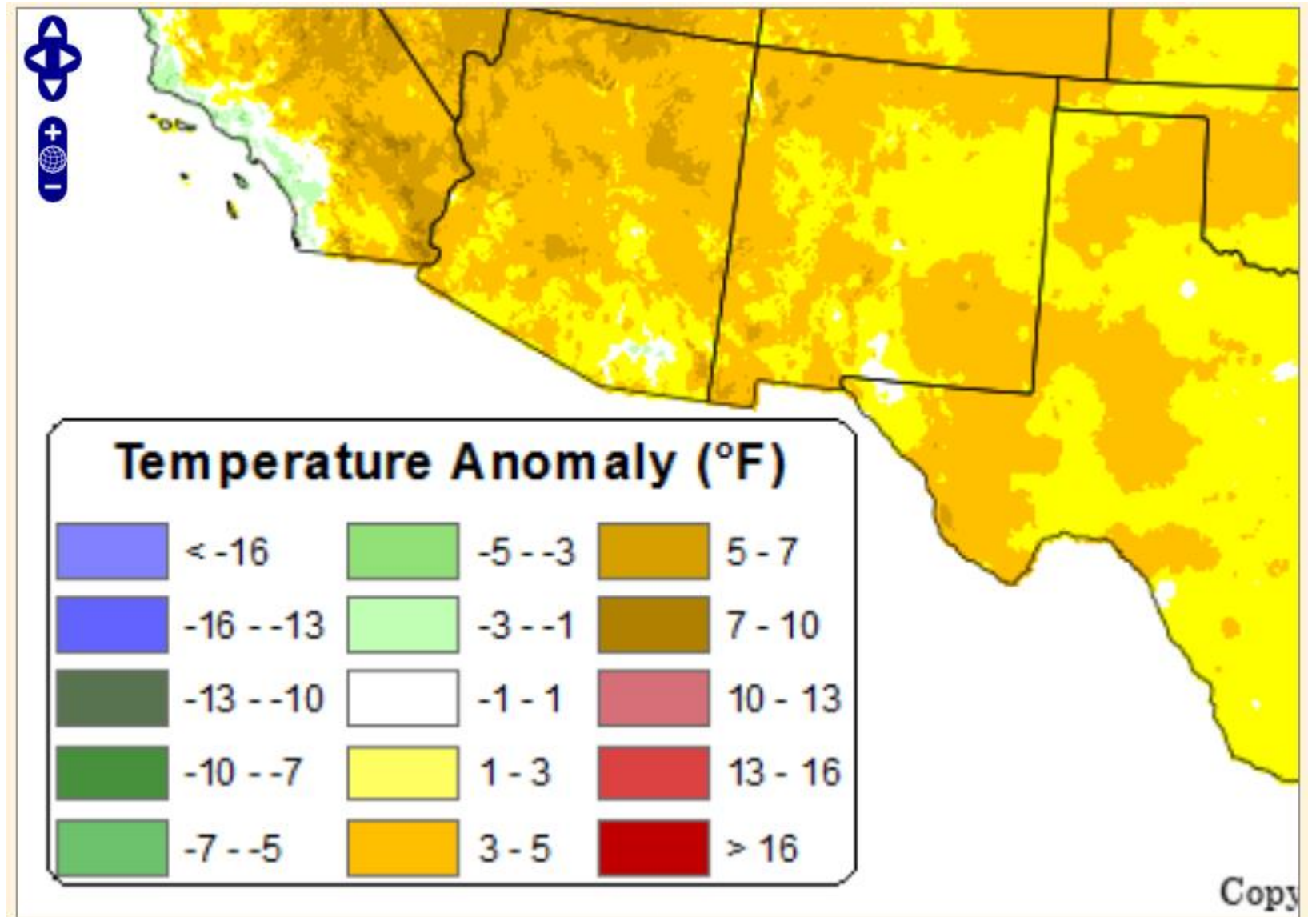
July 11, 2024

100-degree days in Roswell on the increase



Average temperature for June compared to average

Most of state between 1 to 5 °F above average

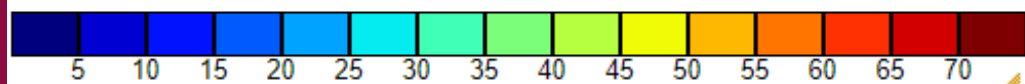
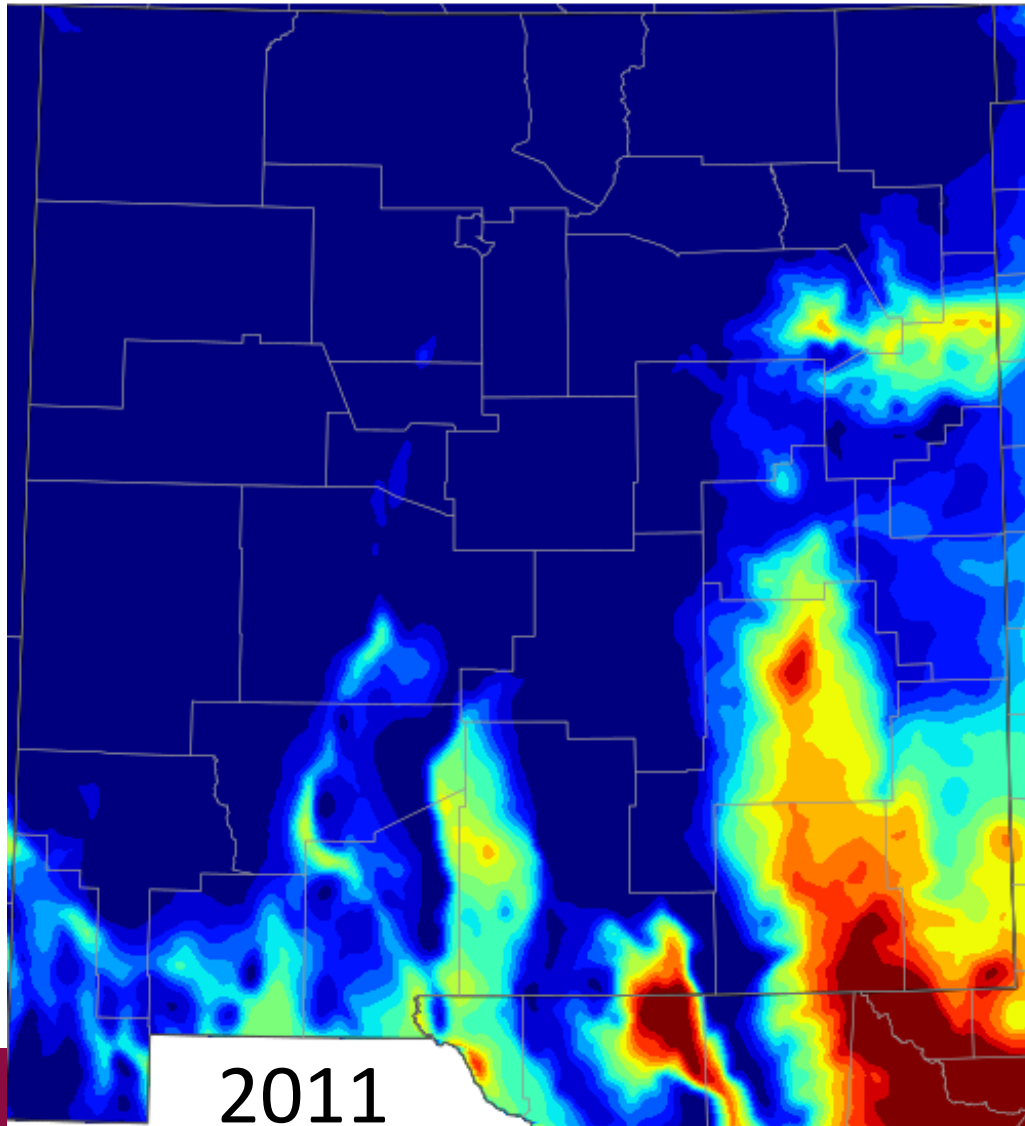


State-wide average temperature rankings

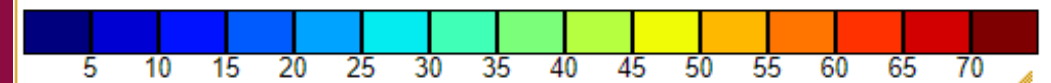
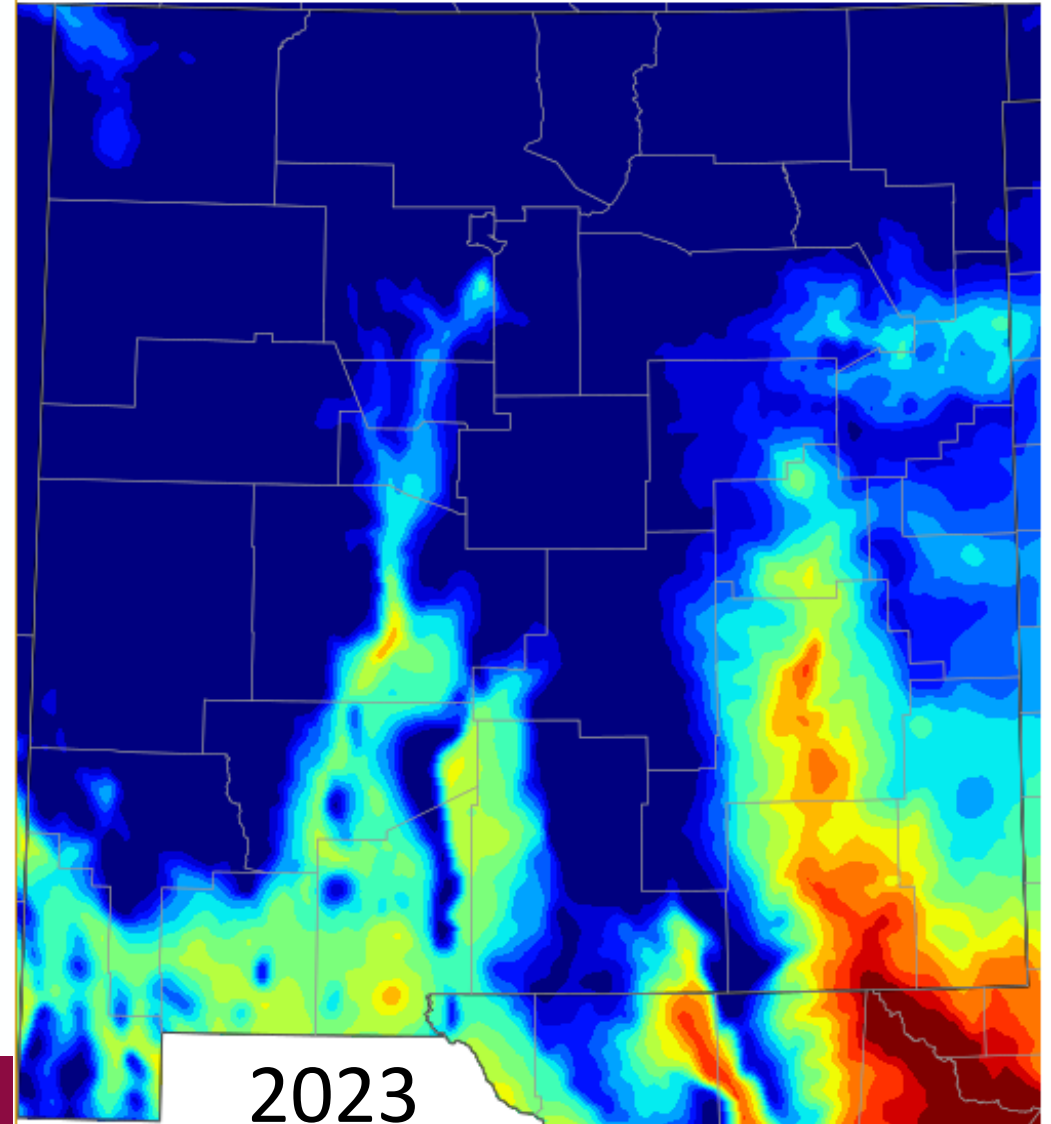
June was warmest on record.

	Record Coolest	Bottom 1/10	Bottom 1/3	Normal	Top 1/3	Top 1/10	Record Warmest
Period	Value	1901-2000 Mean	Anomaly	Rank (1895-2024)	Coolest/Warmest Since		Record
June 2024 1-Month	74.6°F (23.7°C)	69.2°F (20.7°C)	5.4°F (3.0°C)	130th Coolest	Coolest since: 2023		1903
				1st Warmest	Warmest to Date		2024
May-Jun 2024 2-Month	68.6°F (20.3°C)	64.7°F (18.2°C)	3.9°F (2.2°C)	124th Coolest	Coolest since: 2023		1907
				7th Warmest	Warmest since: 2022		2018
Apr-Jun 2024 3-Month	63.6°F (17.6°C)	60.3°F (15.7°C)	3.3°F (1.8°C)	122nd Coolest	Coolest since: 2023		1983
				9th Warmest	Warmest since: 2022		2018
Mar-Jun 2024 4-Month	59.1°F (15.1°C)	56.1°F (13.4°C)	3.0°F (1.7°C)	120th Coolest	Coolest since: 2023		1973
				11th Warmest	Warmest since: 2022		2012, 2018
	Ties: 1934						
Feb-Jun 2024 5-Month	55.6°F (13.1°C)	52.4°F (11.3°C)	3.2°F (1.8°C)	125th Coolest	Coolest since: 2023		1903
				6th Warmest	Warmest since: 2020		2018
	Ties: 1934, 1996, 2020						
Jan-Jun 2024 6-Month	52.2°F (11.2°C)	49.3°F (9.6°C)	2.9°F (1.6°C)	123rd Coolest	Coolest since: 2023		1973
				8th Warmest	Warmest since: 2020		2000, 2018

Number of Days Max Temperature ≥ 100 - June 1, 2011
through September 30, 2011

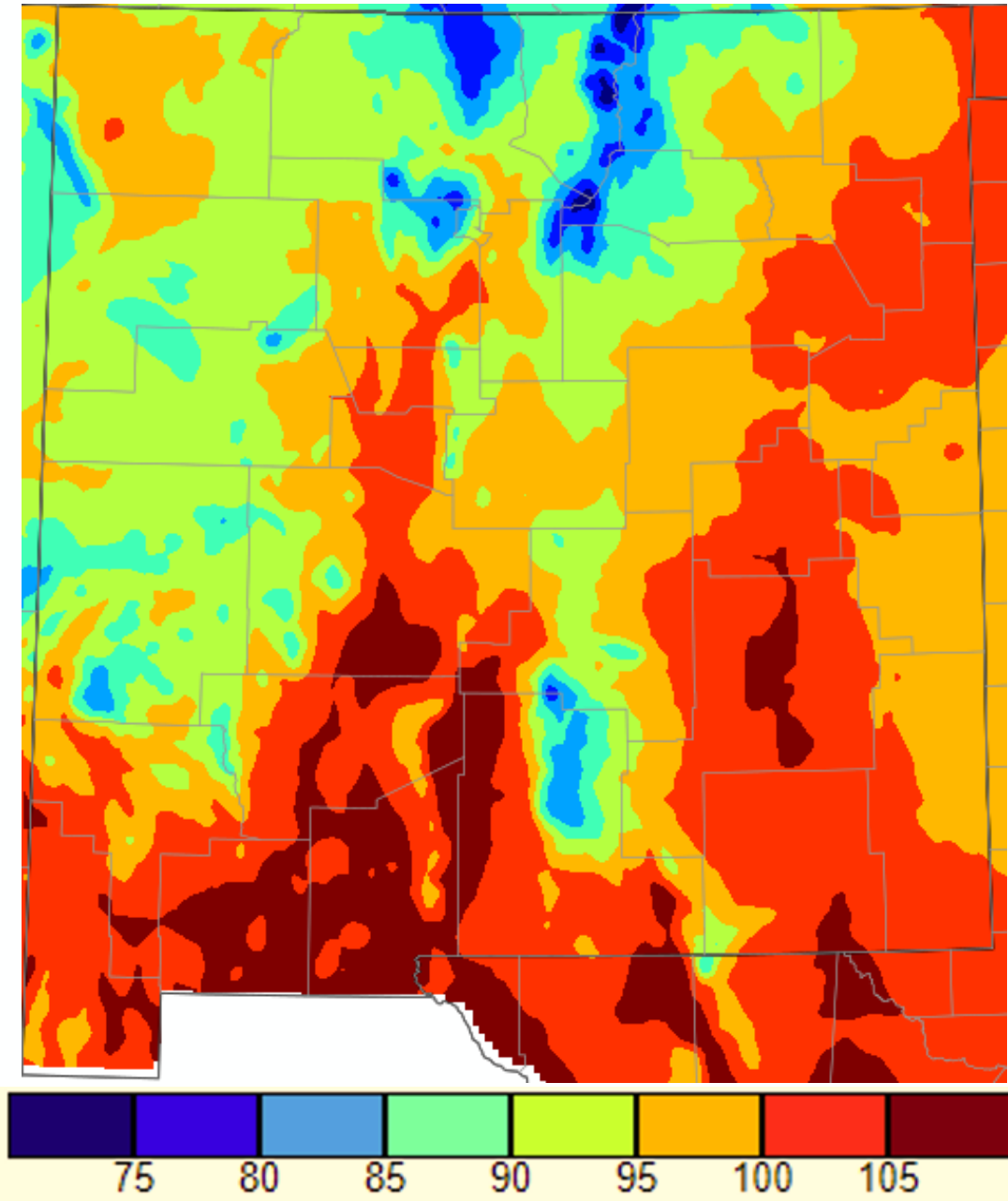


Number of Days Max Temperature ≥ 100 - June 1, 2023
through September 30, 2023



June 14, 2024 High Temperatures

- 107° NMSU Las Cruces
- 105° Los Lunas Ag Science Center
- 105° Brantley Dam
- 104° Rio Rancho #2
- 104° Tucumcari Ag Science Center
- 104° Artesia Ag Science Center
- 104° Sumner Lake
- 103° Rio Grande Nature Center
- 101° Roswell airport
- 101° Jemez Dam
- 101° Albuquerque WFO



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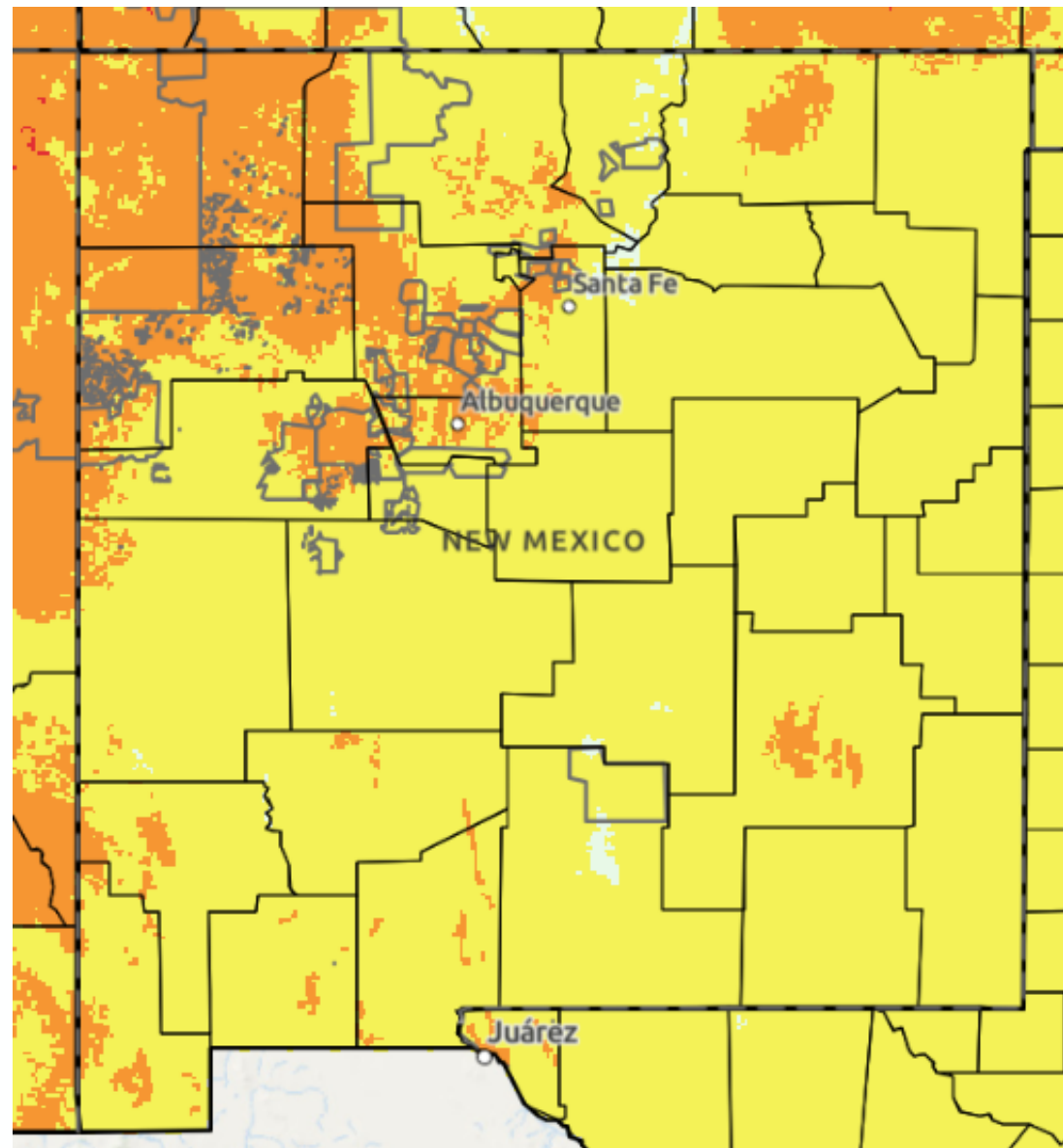
Number of 100 degree days so far in 2024 (As of 7/10)

- 29 Carlsbad airport
- 29 Brantley Dam
- 26 Roswell air park
- 25 El Paso airport
- 23 Las Cruces airport
- 20 Deming Airport
- 20 Artesia Airport
- 20 Artesia Ag Science Center
- 19 Las Cruces NMSU
- 18 Sumner Lake
- 15 Jornada Exp Range
- 15 Alamogordo airport
- 14 Tucumcari Ag Science Center
- 14 Hope
- 11 Sevilleta NWR
- 11 TorC airport
- 9 Rio Rancho #2
- 9 Los Lunas Ag Science Center
- 9 Hillsboro
- 8 Rio Grande Nature Center
- 7 Fort Sumner 5S
- 5 ABQ airport
- 4 Rio Rancho #1



For Friday, July 12, 2024

Category	Risk of Heat-Related Impacts
Green 0	Little to no risk from expected heat.
Yellow 1	Minor - This level of heat affects primarily those individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration.
Orange 2	Moderate - This level of heat affects most individuals sensitive to heat, especially those without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
Red 3	Major - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
Magenta 4	Extreme - This level of rare and/or long-duration extreme heat with little to no overnight relief affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries and infrastructure.



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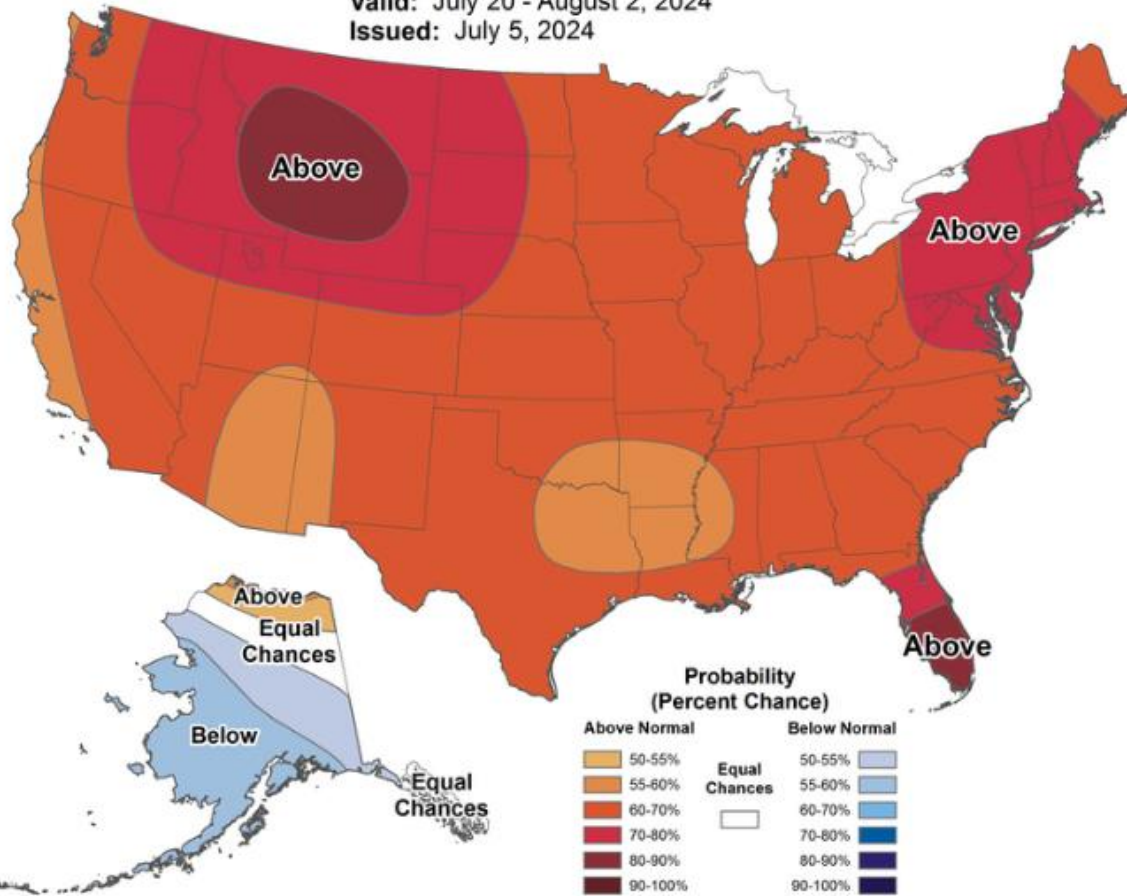
<https://www.wpc.ncep.noaa.gov/heatrisk/>



Weeks 3-4 Temperature Outlook



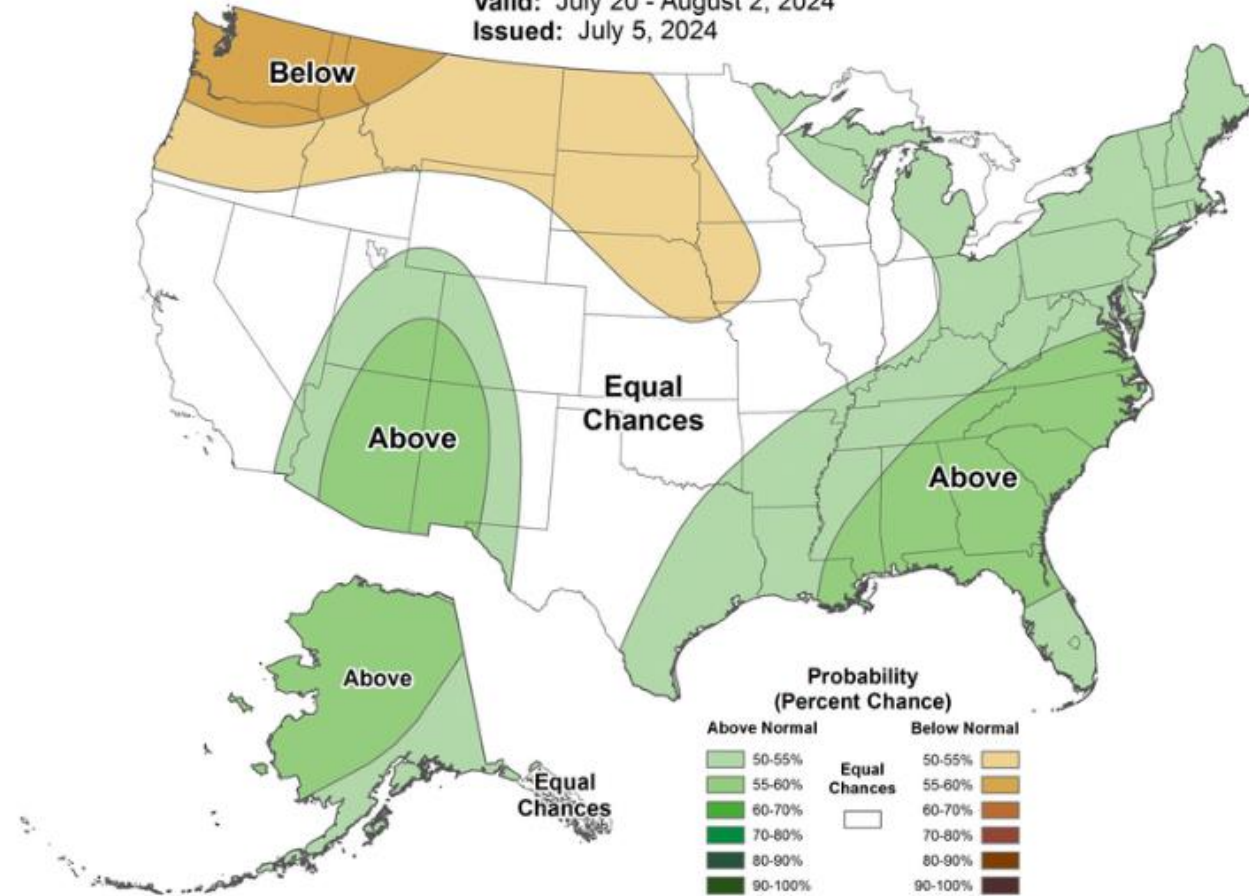
Valid: July 20 - August 2, 2024
Issued: July 5, 2024



Weeks 3-4 Precipitation Outlook



Valid: July 20 - August 2, 2024
Issued: July 5, 2024



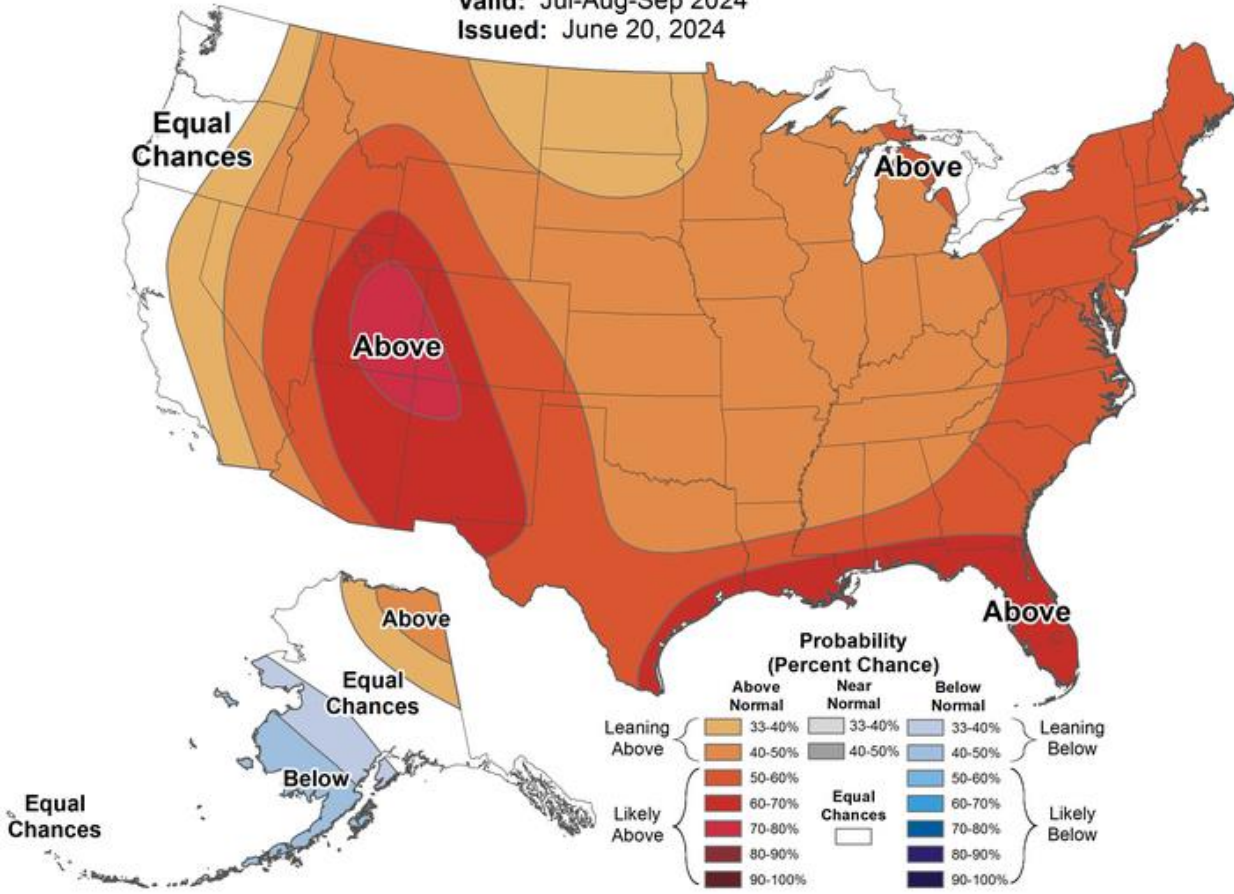
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Seasonal Temperature Outlook



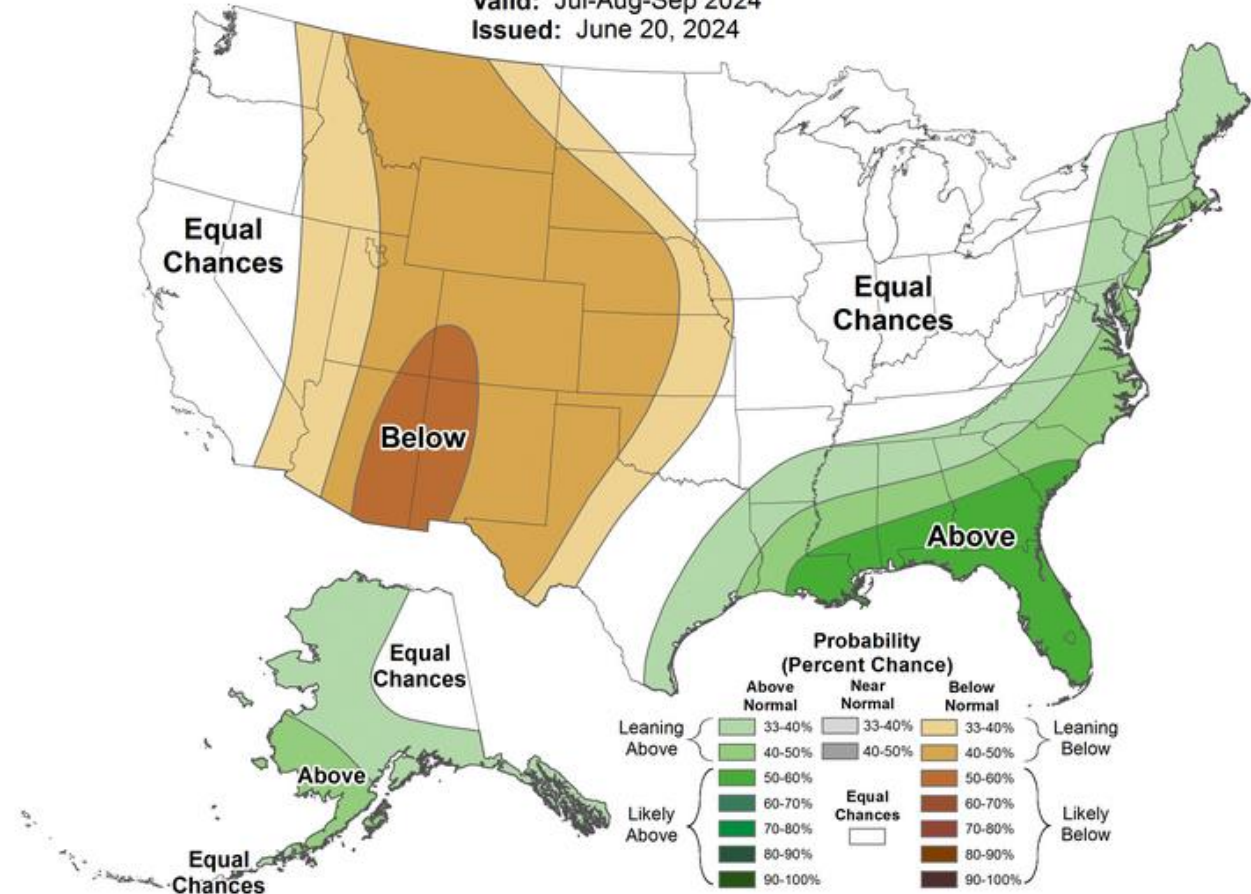
Valid: Jul-Aug-Sep 2024
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Seasonal Precipitation Outlook



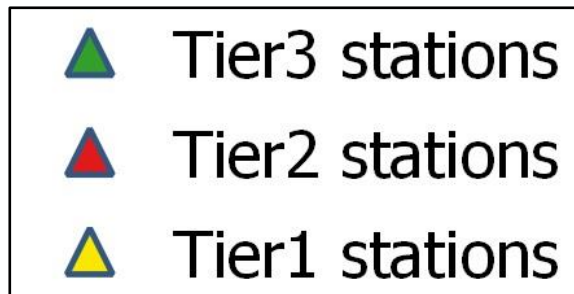
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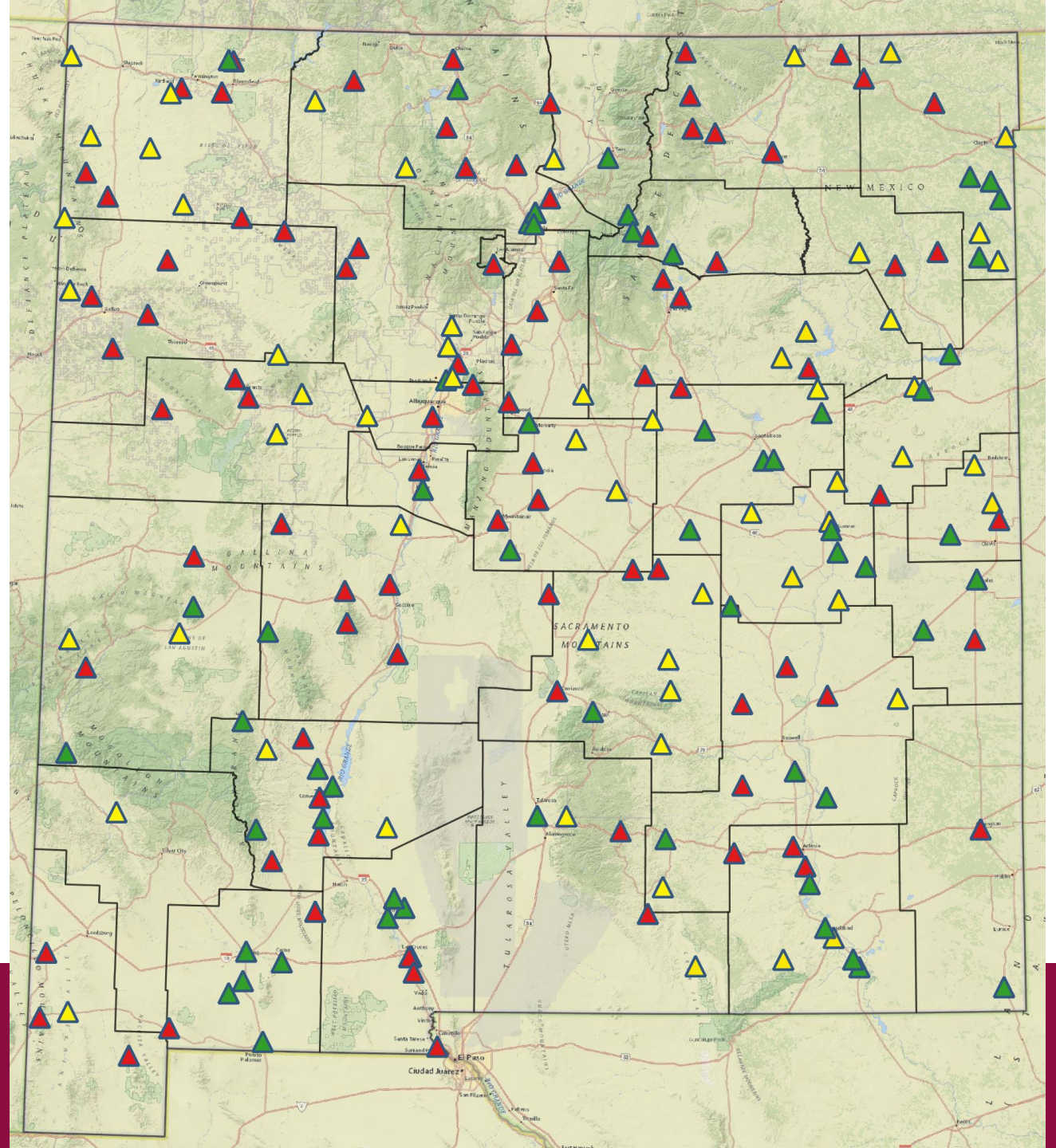
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Contact Information

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