June 2024 Weather Digest

June 2024 Weather Summary

Wildfires were the big story this June as the beginning of the month continued a long stretch of dry conditions. Several wildfires started over the Sacramento Mountains, though the Gila/Black Range was mostly spared due to high elevation winter/spring snow pack. Wildfires, including the Blue 2, South Fork, and Salt all developed close to the Ruidoso area. Though the fires were not large by New Mexico standards, unfortunately they started very close to Ruidoso and rapidly spread through parts of Ruidoso and surrounding villages. Numerous structures were lost along with two confirmed fatalities. The summer monsoon then developed around the 22-25th of the month. This did bring much needed rain to the mountains. Unfortunately several heavy downpours fell on the burn scars, resulting in several floods around Ruidoso. The month turned out to be quite hot, as high temperatures were about two to four degrees above normal.

As mentioned above, the monsoon season started around June 22nd, which is about 10 days sooner than normal. Thunderstorms ramped up and several areas received heavy rains, however the area as a whole was still

June 2024 Weather Summary

quite spotty with rain as much of the lowlands around the Rio Grande Valley saw below normal rain. Much of the area west of the Continental Divide and east of El Paso received above normal rain. The thunderstorms also produced numerous reports of strong winds and related damage to structures. On June 19th storms to our east created a large area of outflow winds, resulting in one of the larger Haboobs (blowing dust event) in recent memory-basically forming along the San Andres and Franklin Mountains and moving all the way to Arizona.

Looking ahead to July, the monsoon switches into full gear, though rainfall can often still be spotty. Temperatures start a very slow decrease, though the increase in humidity nullifies any cooling sensation. At El Paso the average high on the 1st is 97˚, while on the 31st it diminishes to 95˚. Daylight on the 1st is 14 hours, 11 minutes, while on the last of the month it is 13 hours, 41 minutes. The July full moon occurs on 21st, while the new moon occurs on the 5th.


June 1 Storm near Mayhill


June 17 Fire near Carrizo


June 17 South Fork Fire
EarthCam


June 17 South Fork Fire


June 17 South Fork Fire at Alto
alto ski shop
BAR


June 17 South Fork Fire


June 17 South Fork Fire


June 17 South Fork Fire


June 19 Haboob near Hillsboro


June 18 Blowing Dust
Lordsburg Playa


June 25 Lightning near Las Cruces


June 30 Lightning near Ft Bayard


June 30 Flooding at Ruidoso


June 30 Flooding at Ruidoso


June 30 Damage at Chaparral


June 30 Flooding near Ruidoso

July 19 Satellite

Areas of dense blowing dust along the haboob

Mule
Gila
Hot
Salinas
Hillsboro
Silver City
Faywood
Hatch
Lordsburg
Deming
Hachita
Mount Riley
Columbus
Antelope Wells
Guzman
Samalayuca

ENSO Alert System Status:
La Niña Watch is in effect

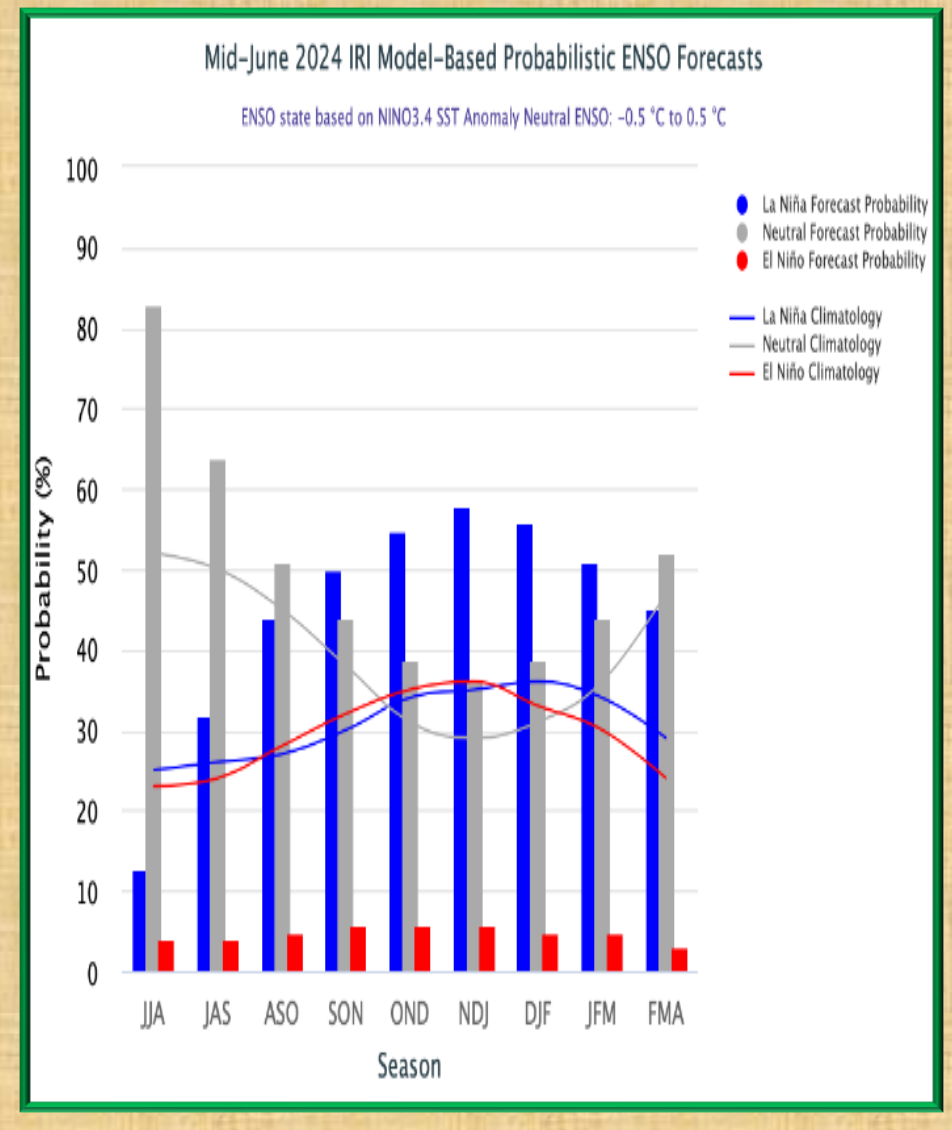
ENSO Alert System

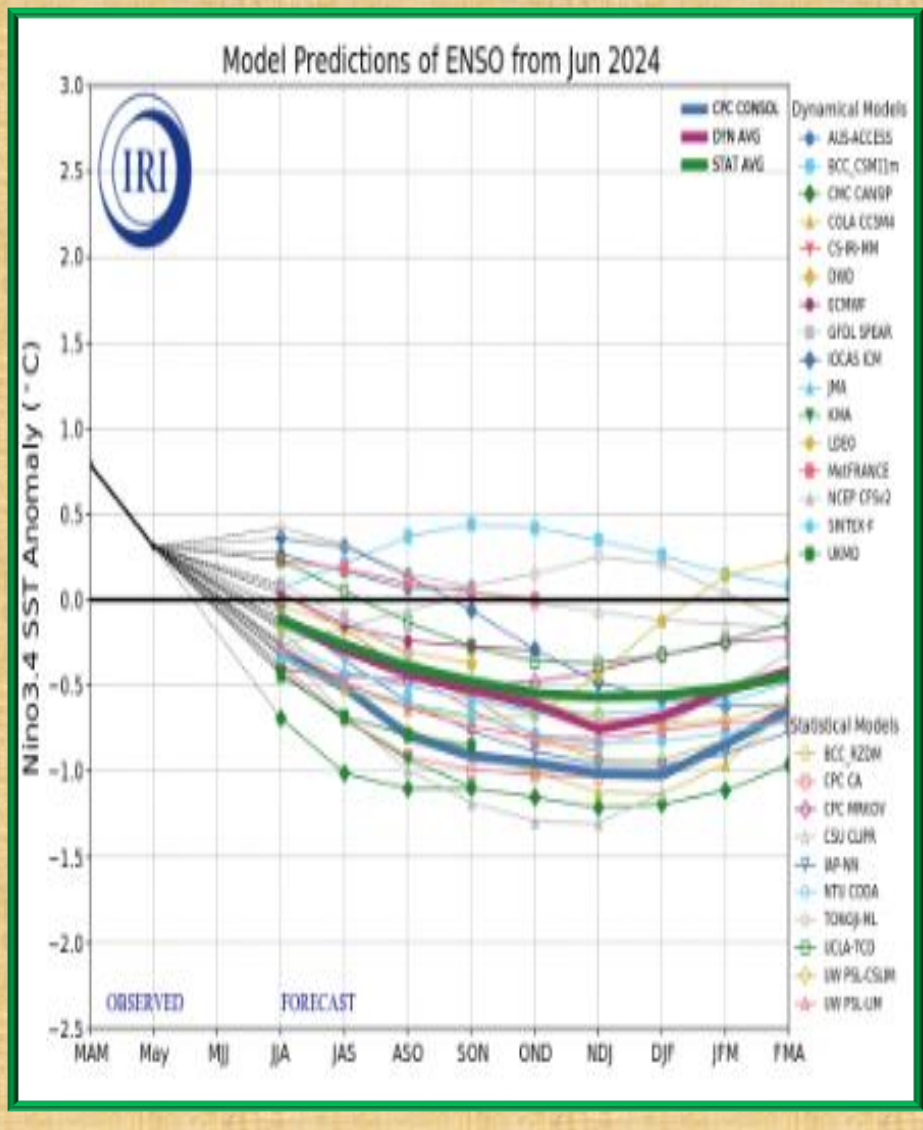
- El Niño or La Niña Watch: Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.

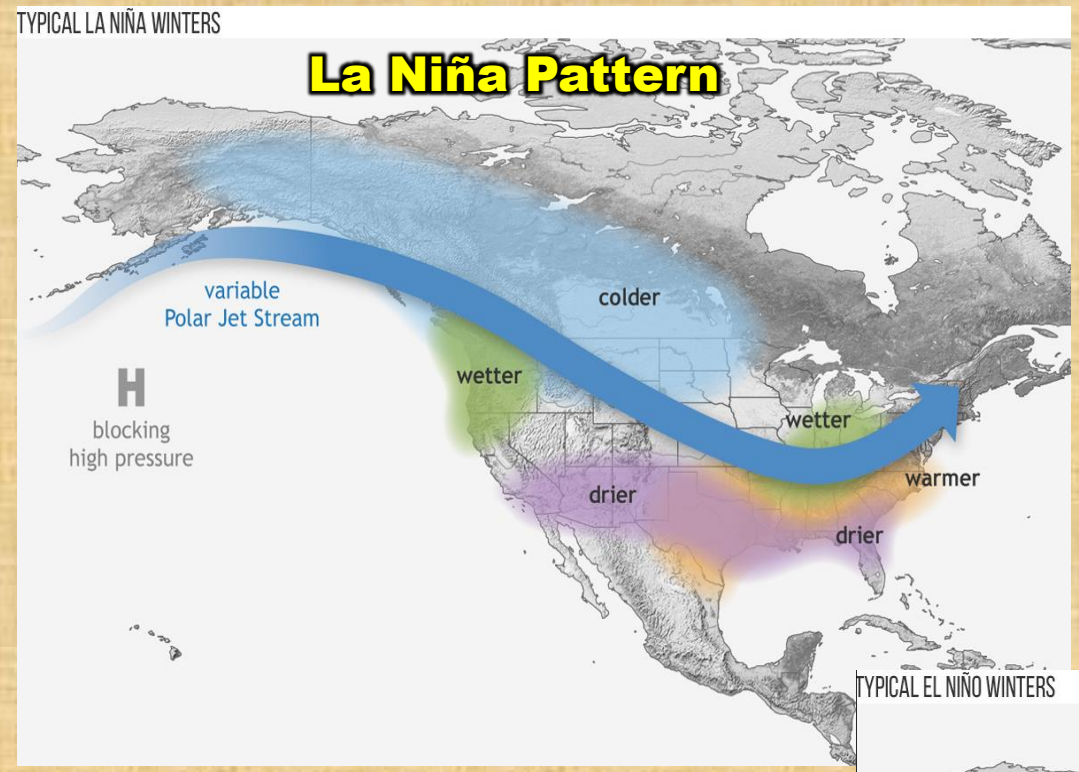
- El Niño or La Niña Advisory: Issued when El Niño or La Niña conditions are observed and expected to continue.

ENSO Forecast

ENSO is in Neutral phase and is expected to transition to La Niña by early Fall.

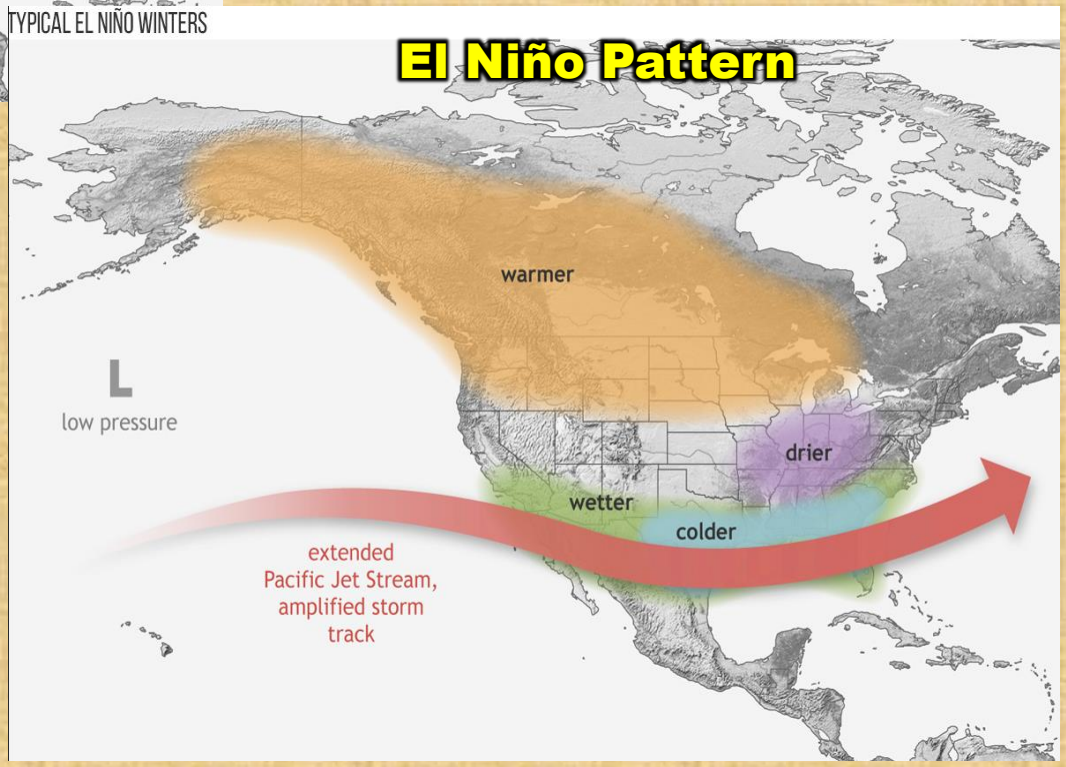






With a La Niña pattern, a ridge of high pressure tends to build off the west coast of the U.S., blocking most of our Pacific winter storm systems. These storms tend to end up moving across the northern Plains and down to the southeastern part of the country. Of course it is important to remember that these patterns are only what typically happens and are not guaranteed to occur.

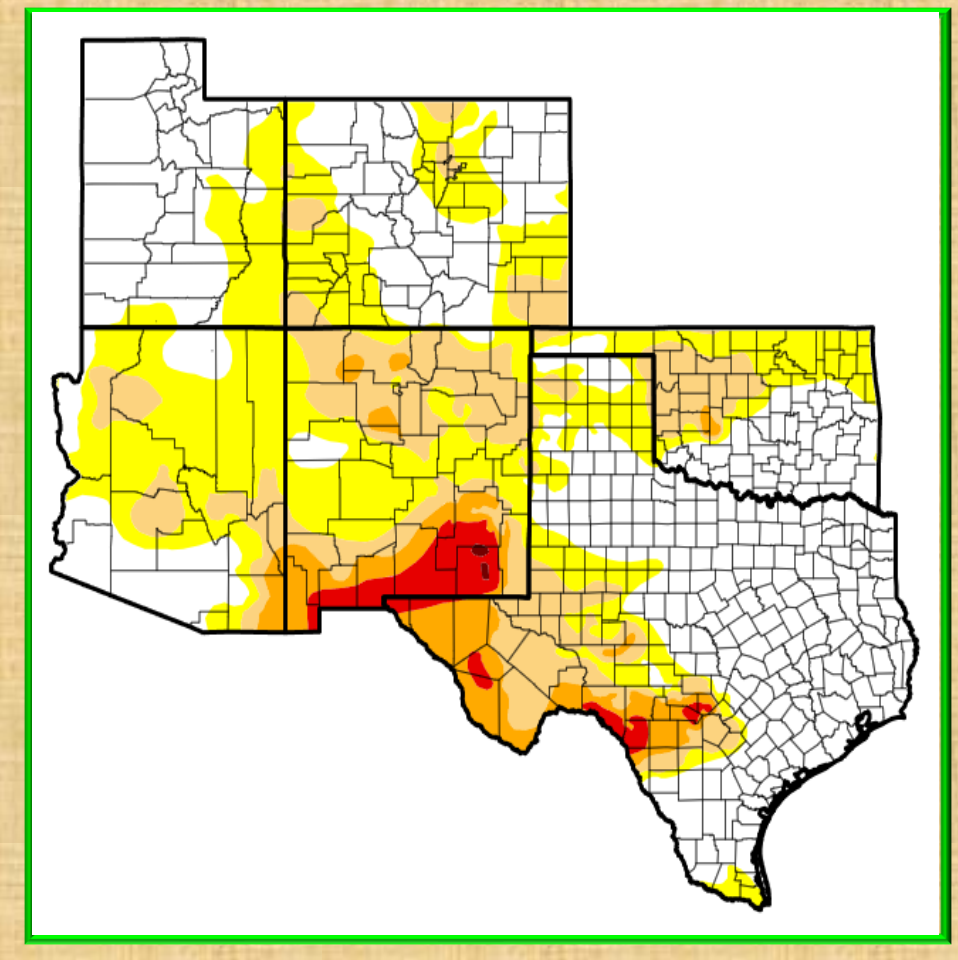
With El Niño, we often see the opposite pattern where the eastern Pacific ridge of high pressure is often weak or non-existent, allowing winter storms to sweep across the southern U.S. This typically will give the south-western U.S. above normal precipitation.



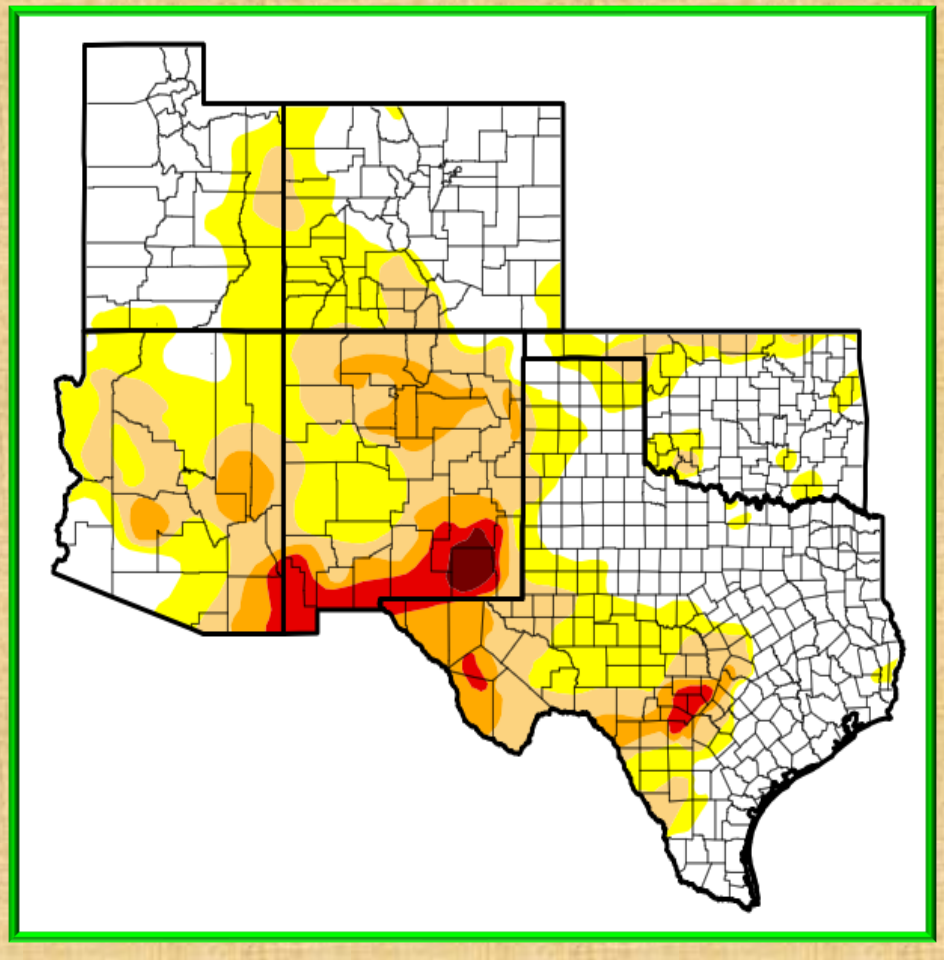
Current drought conditions and 3 month change

- Abnormally Dry – D0
- Moderate Drought – D1
- Severe Drought – D2
- Extreme Drought – D3
- Exceptional – D4

Jun 25, 2024

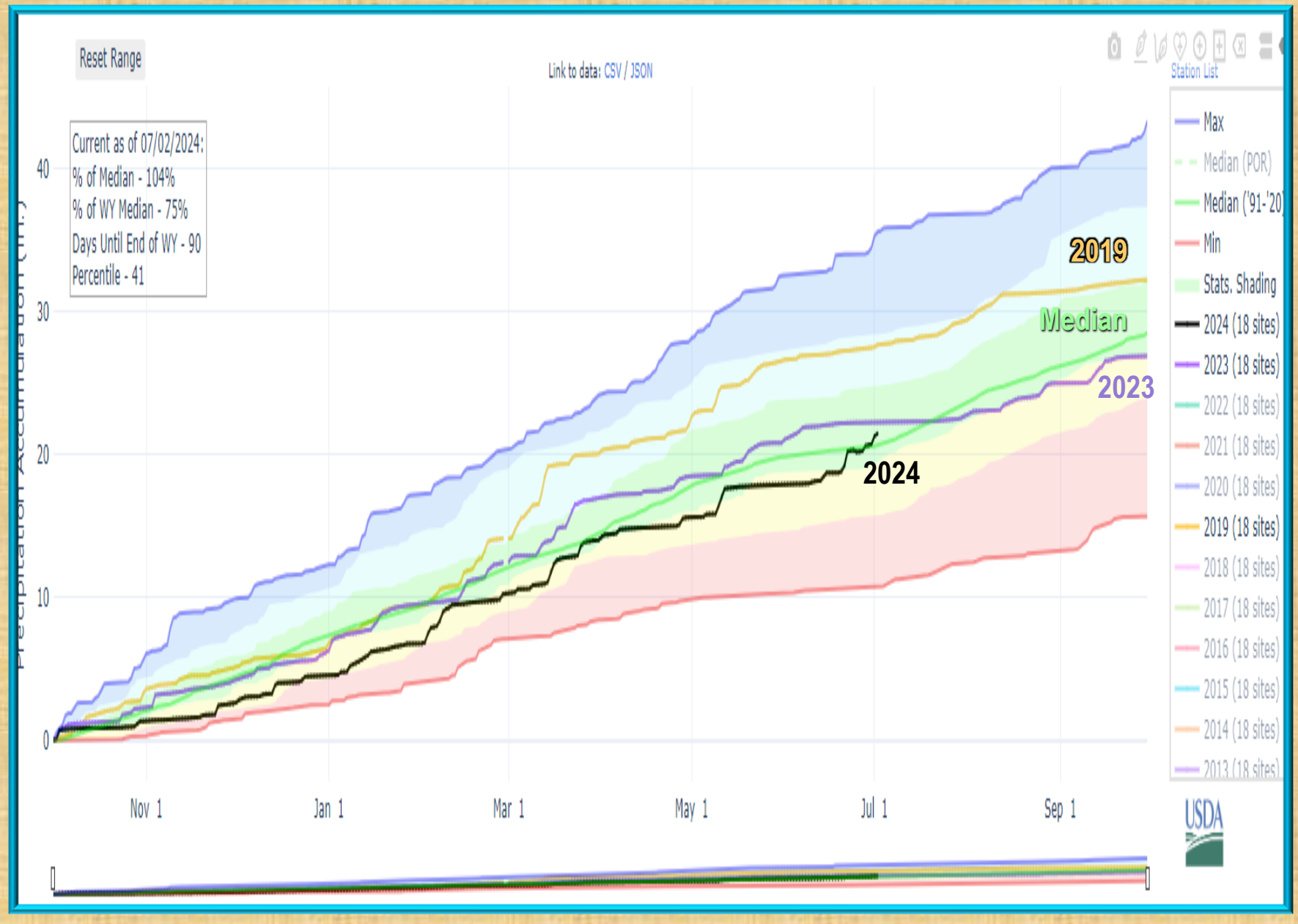


Mar 26, 2024



Precipitation for the Water Year Oct 1 – June 30, 2024

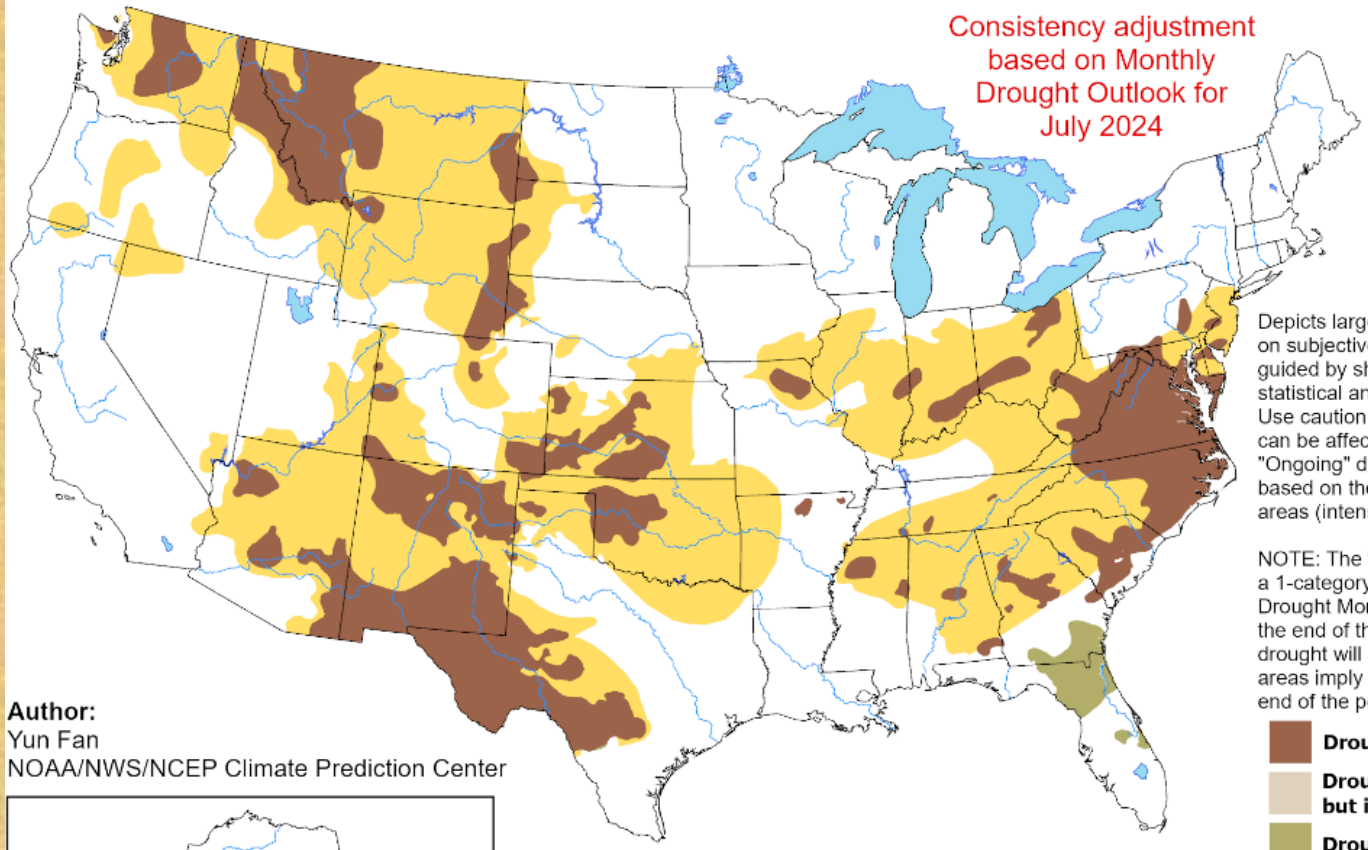
Compare to last few years and average values



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for July 1 - September 30, 2024
Released June 30, 2024



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- **Drought persists**
- **Drought remains, but improves**
- **Drought removal likely**
- **Drought development likely**
- **No drought**

Author:
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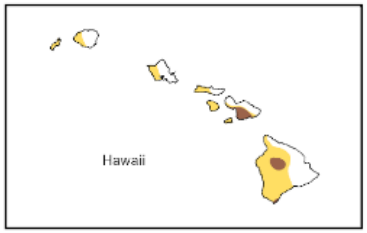
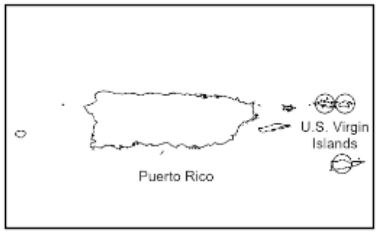
NOAA/NWS/NCEP Climate Prediction Center

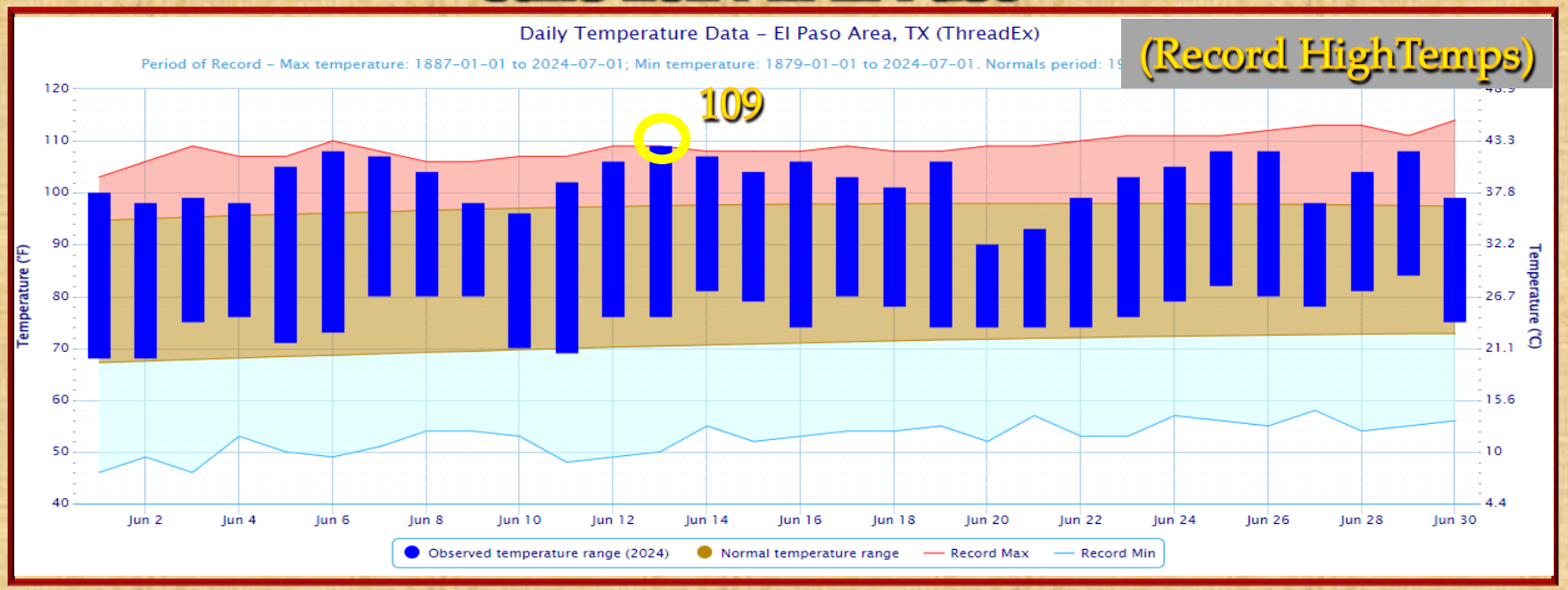


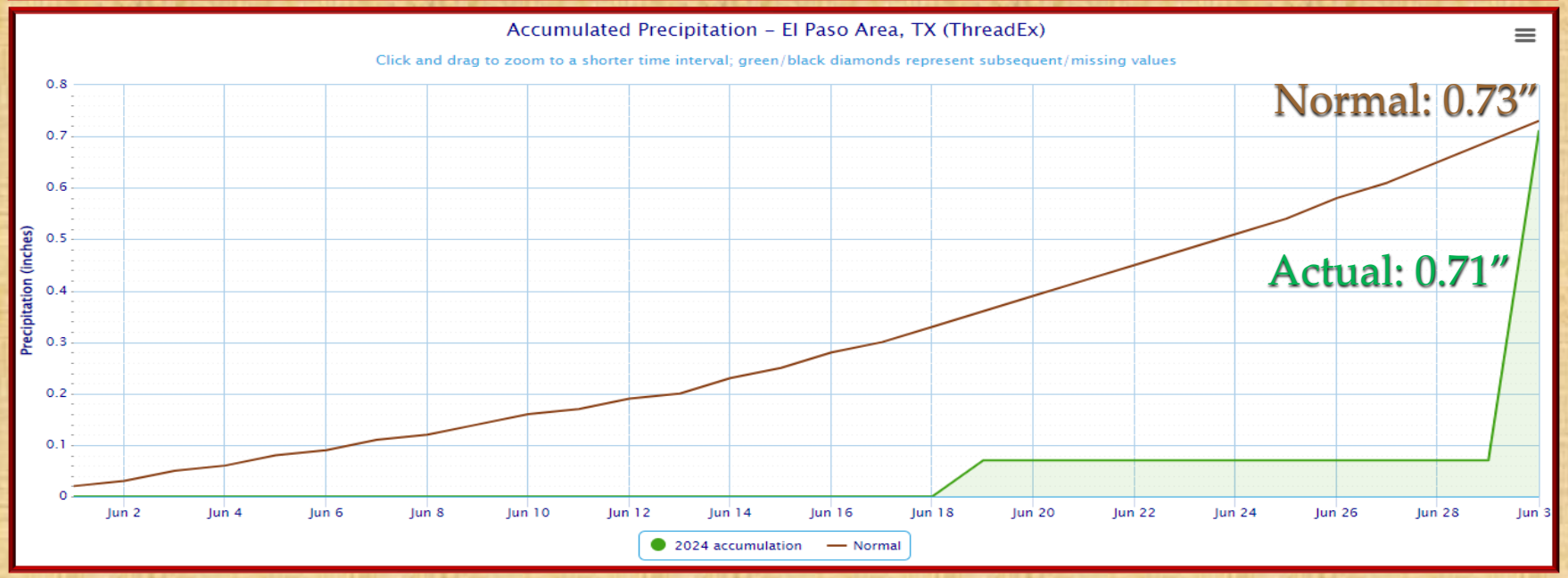


https://go.usa.gov/3eZ73

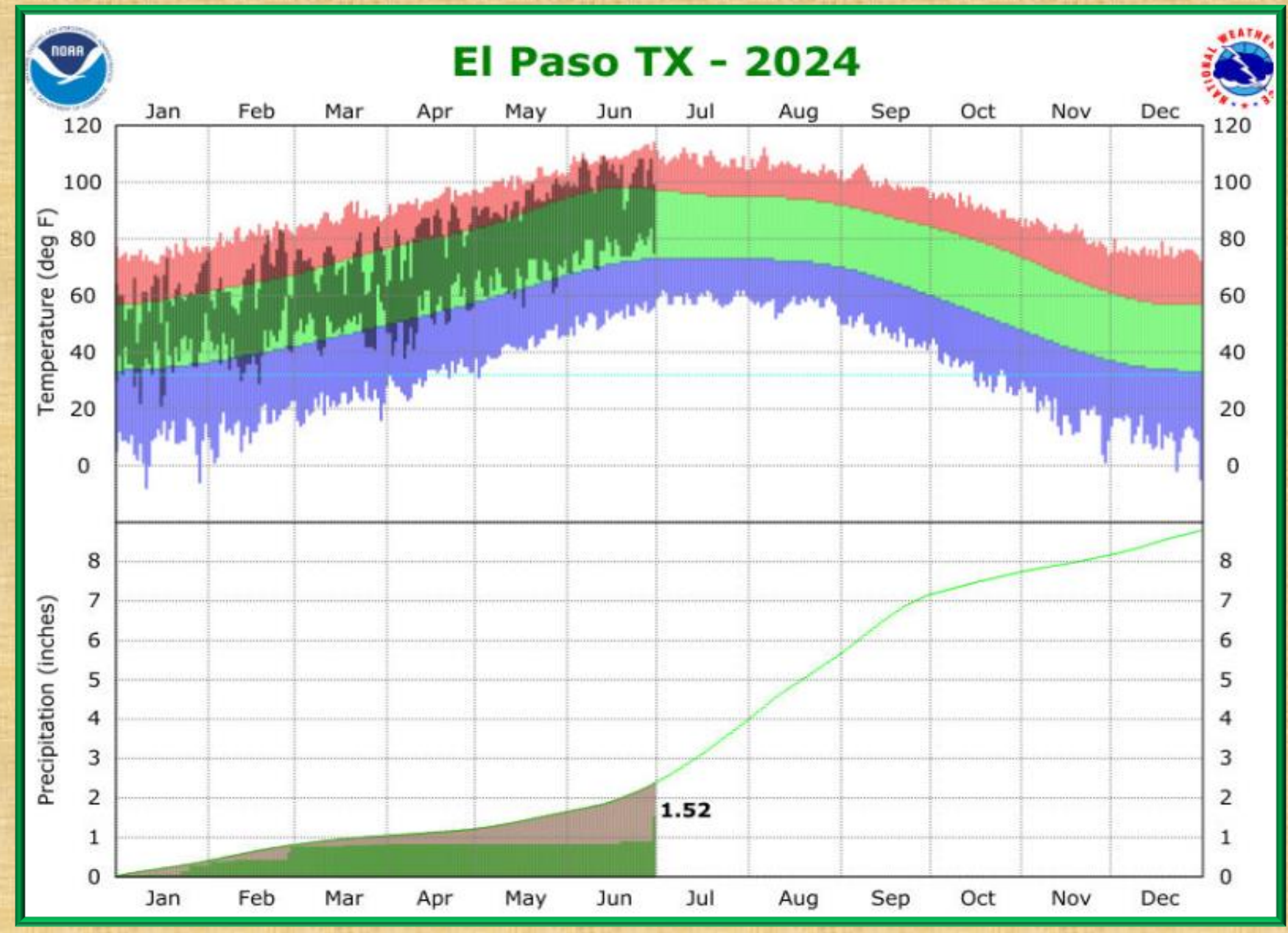
Temperature and precipitation data for June 2024 in El Paso

= record

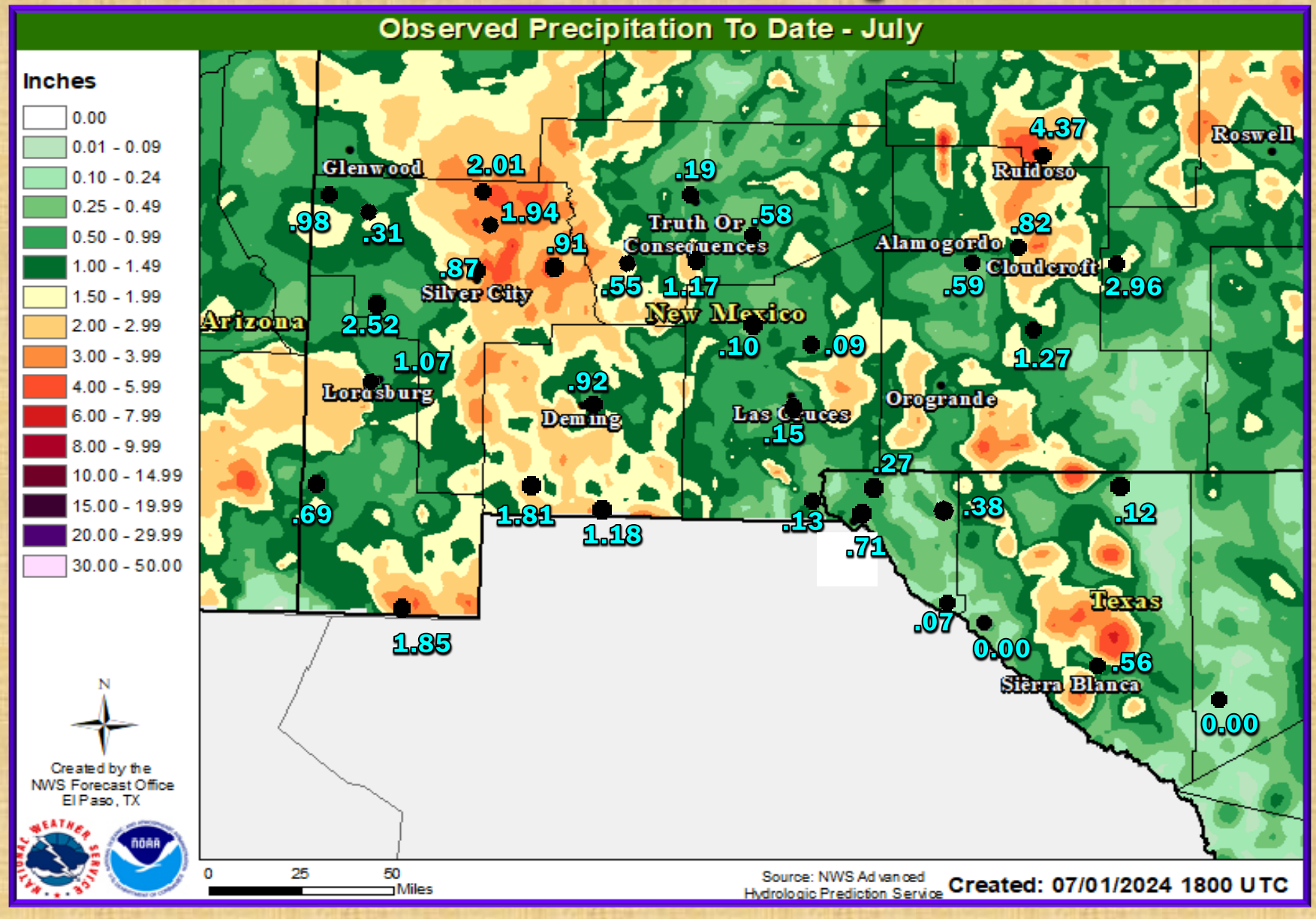




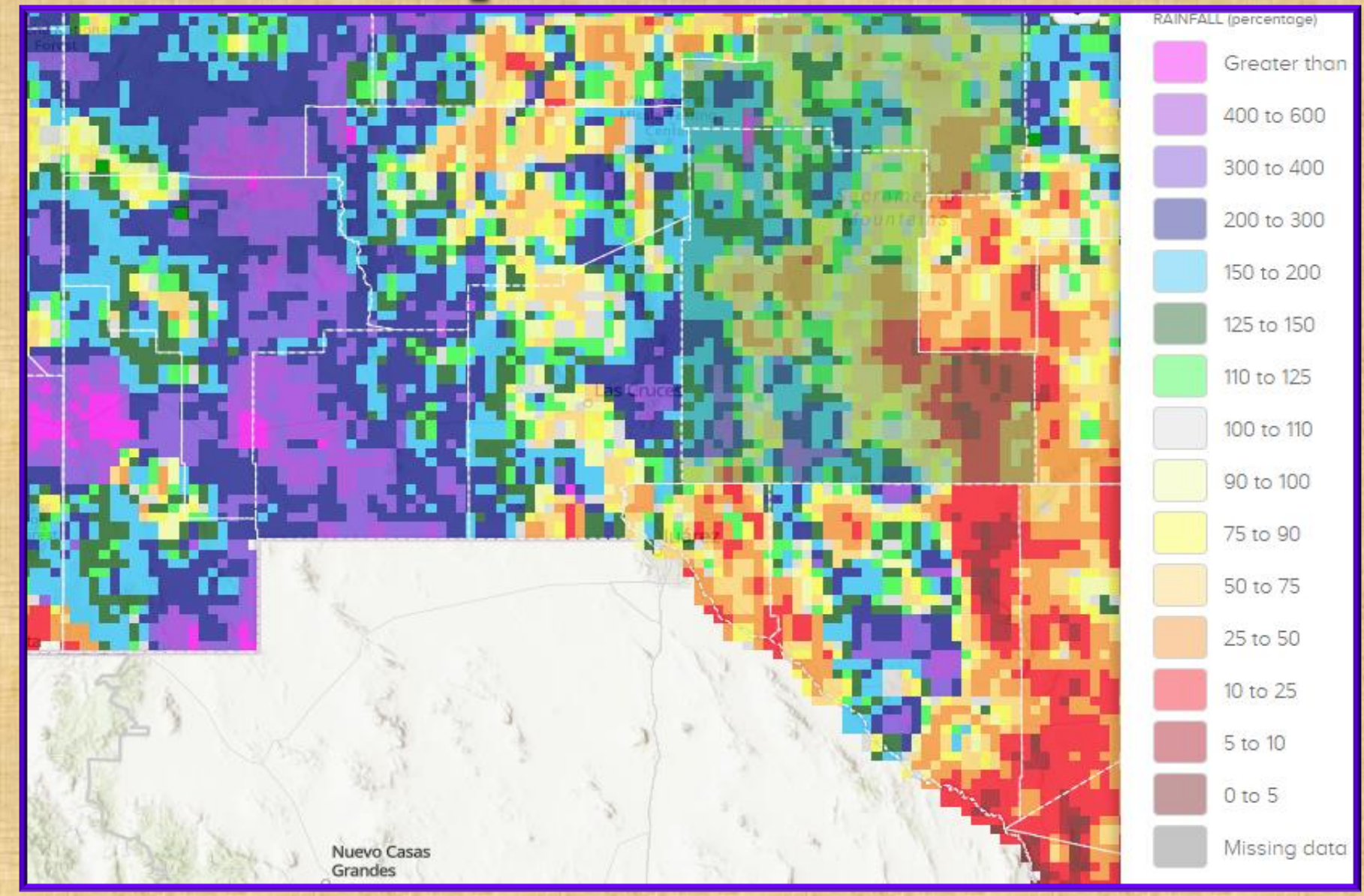
Temperature and Precipitation
Year-to-date for 2024 for El Paso



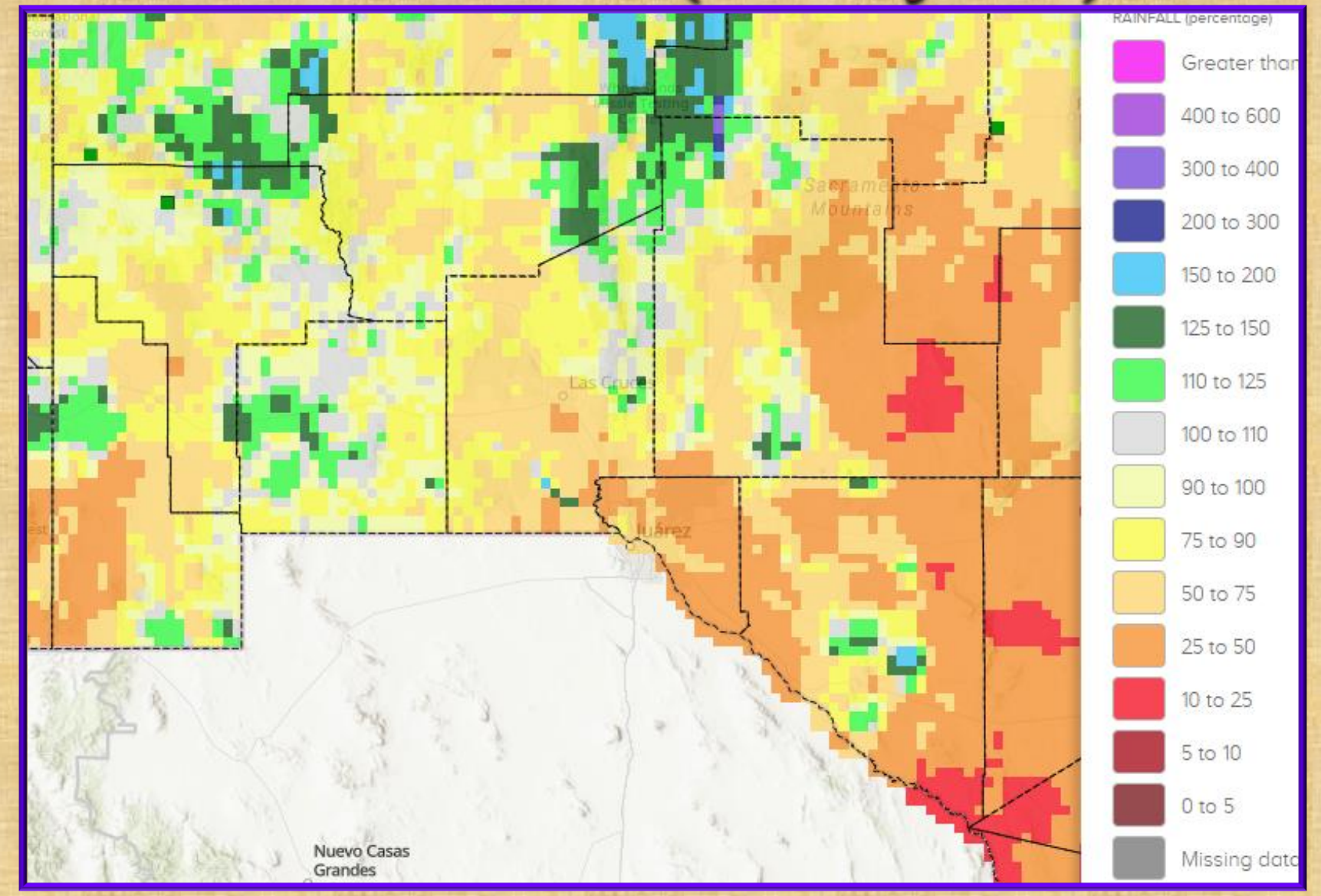
June 2024 rainfall estimate with surface rainfall reports



June 2024 rainfall estimate percent of normal

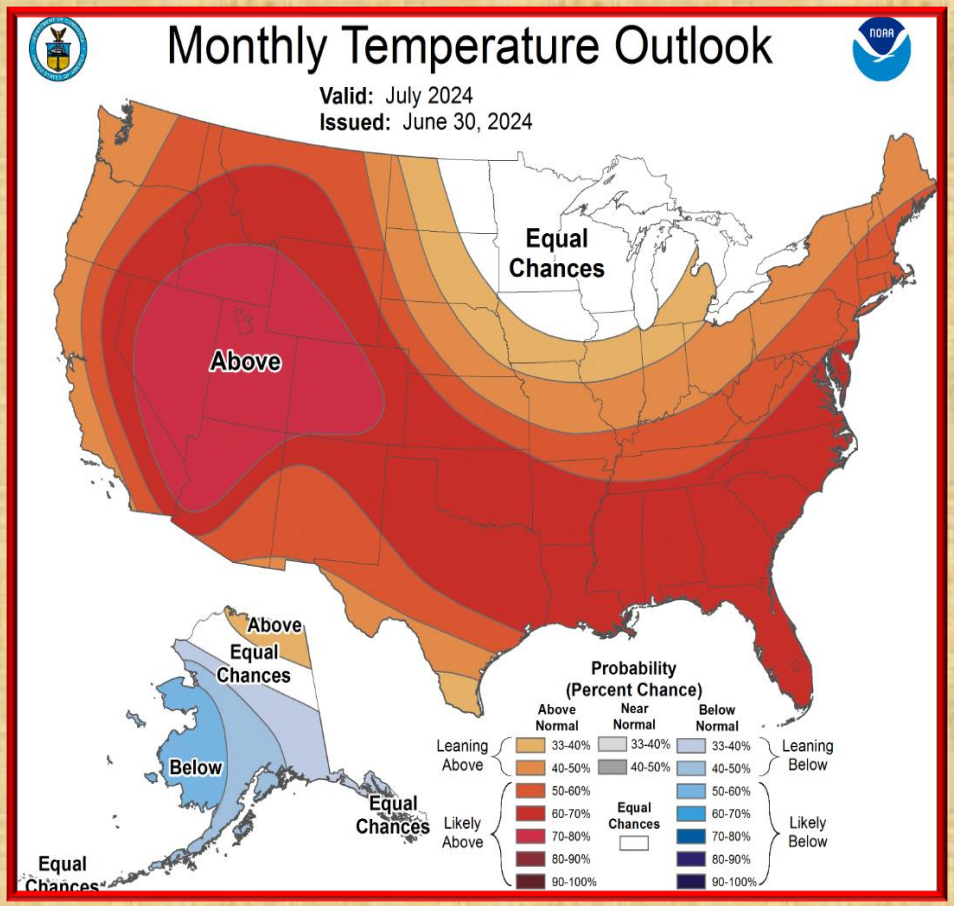


Radar rainfall estimate percent of normal for the Water Year (Oct 1 – Jun 30)

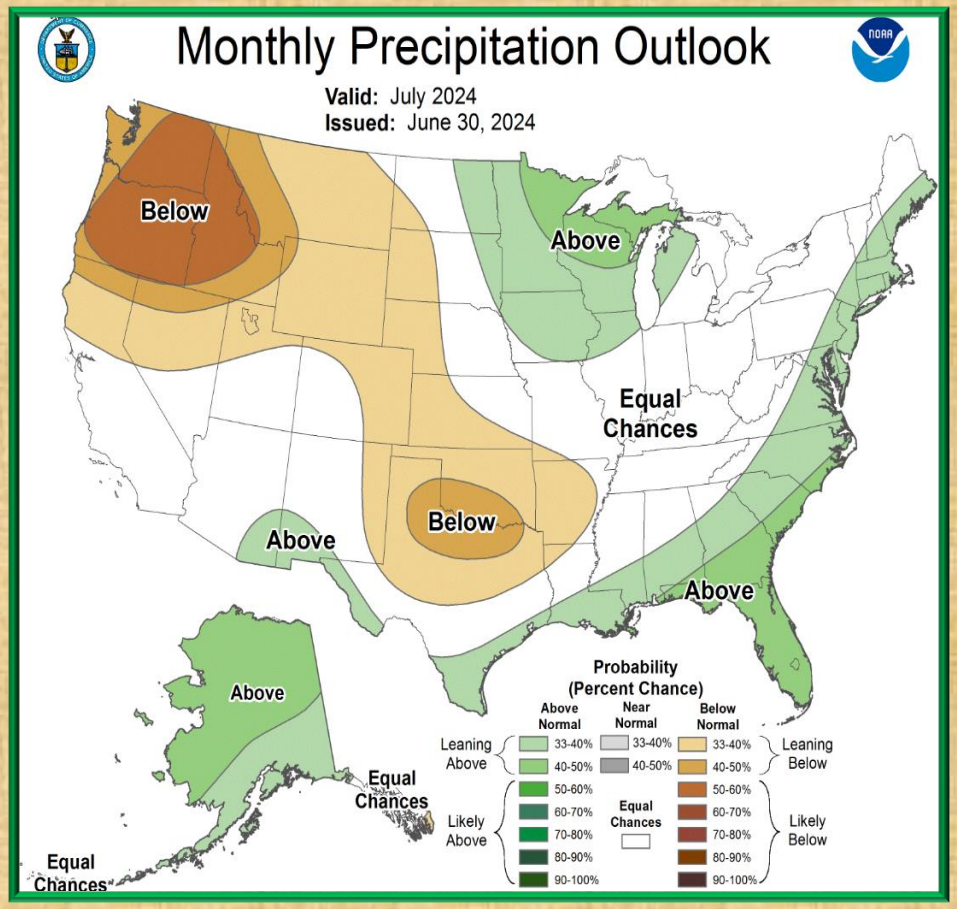


Temperature and precipitation outlook For Jul 2024

Temperature

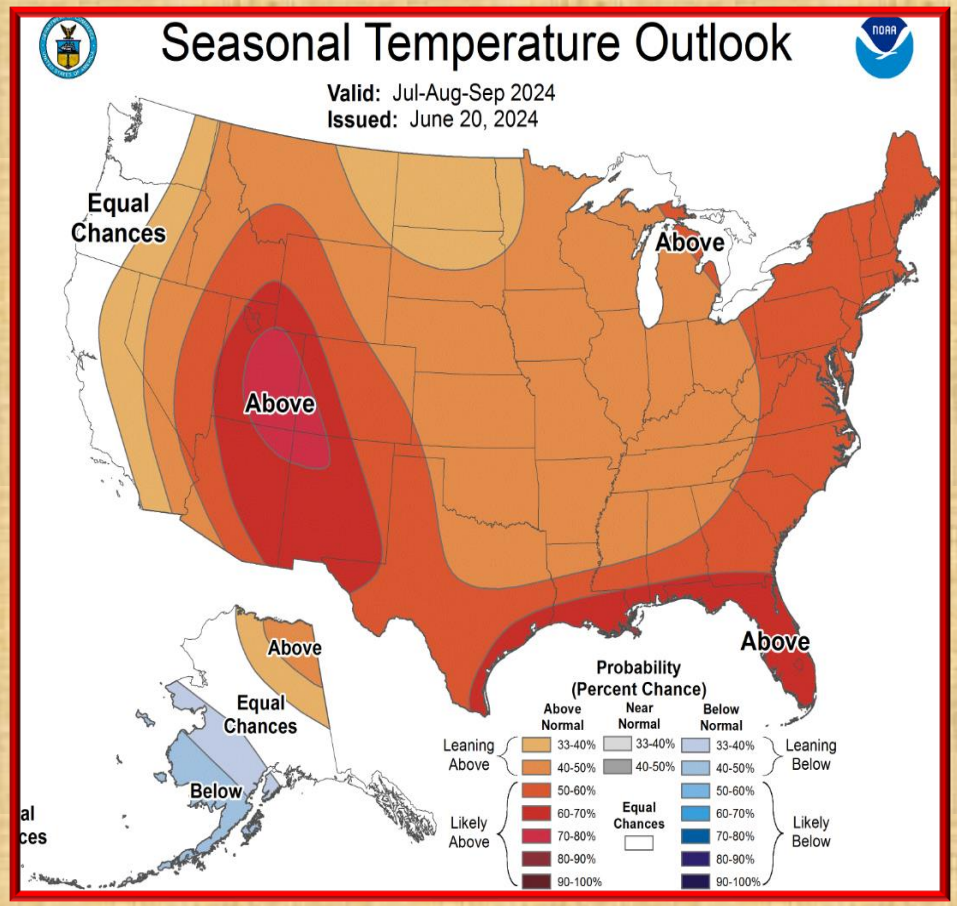


Precipitation

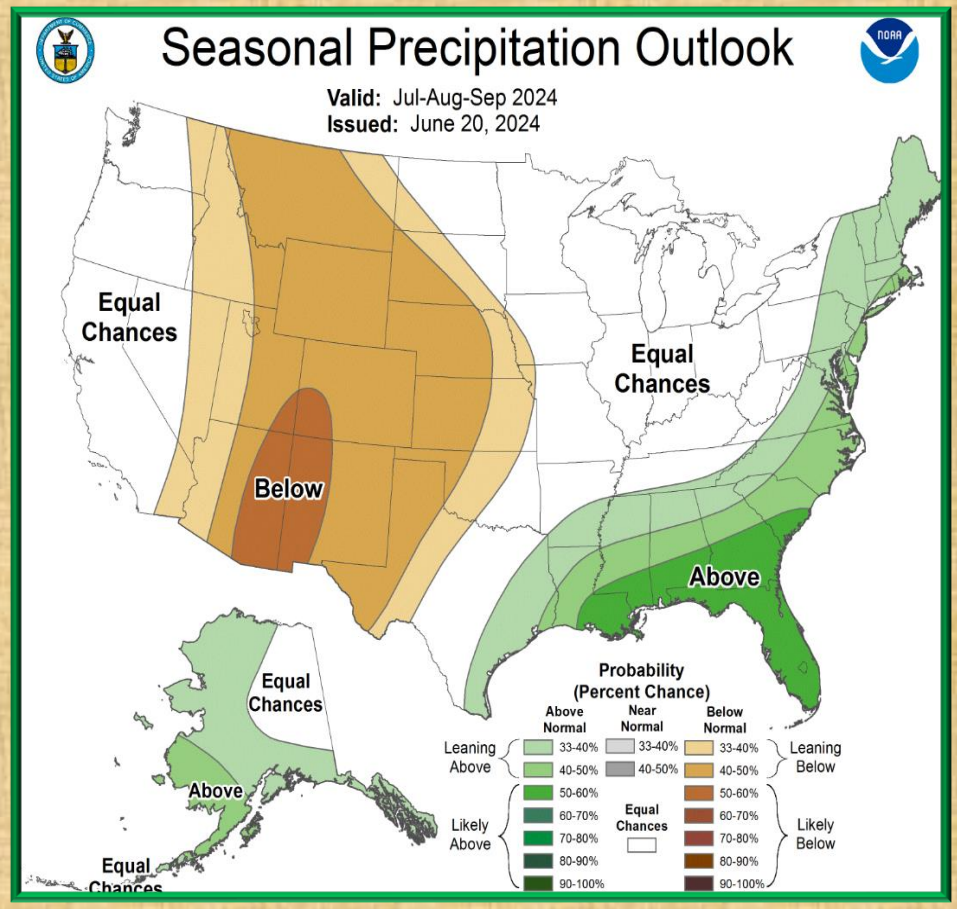


Temperature and precipitation outlook for Jul-Sep 2024

Temperature

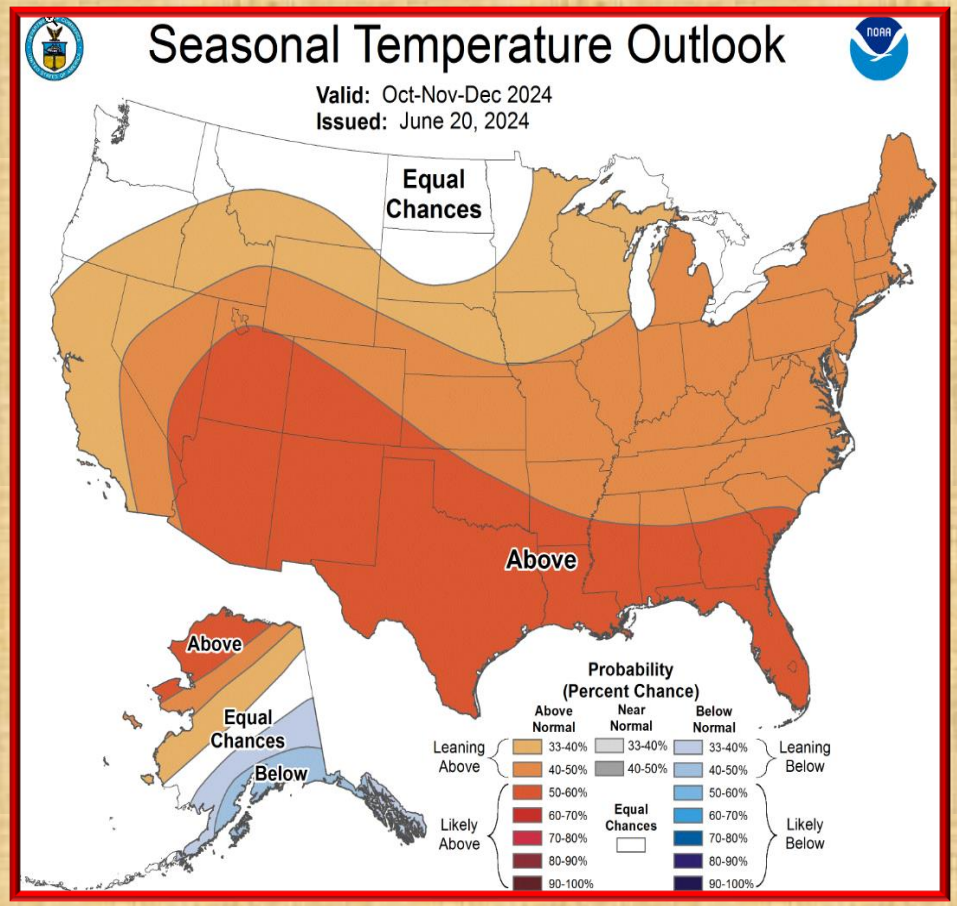


Precipitation

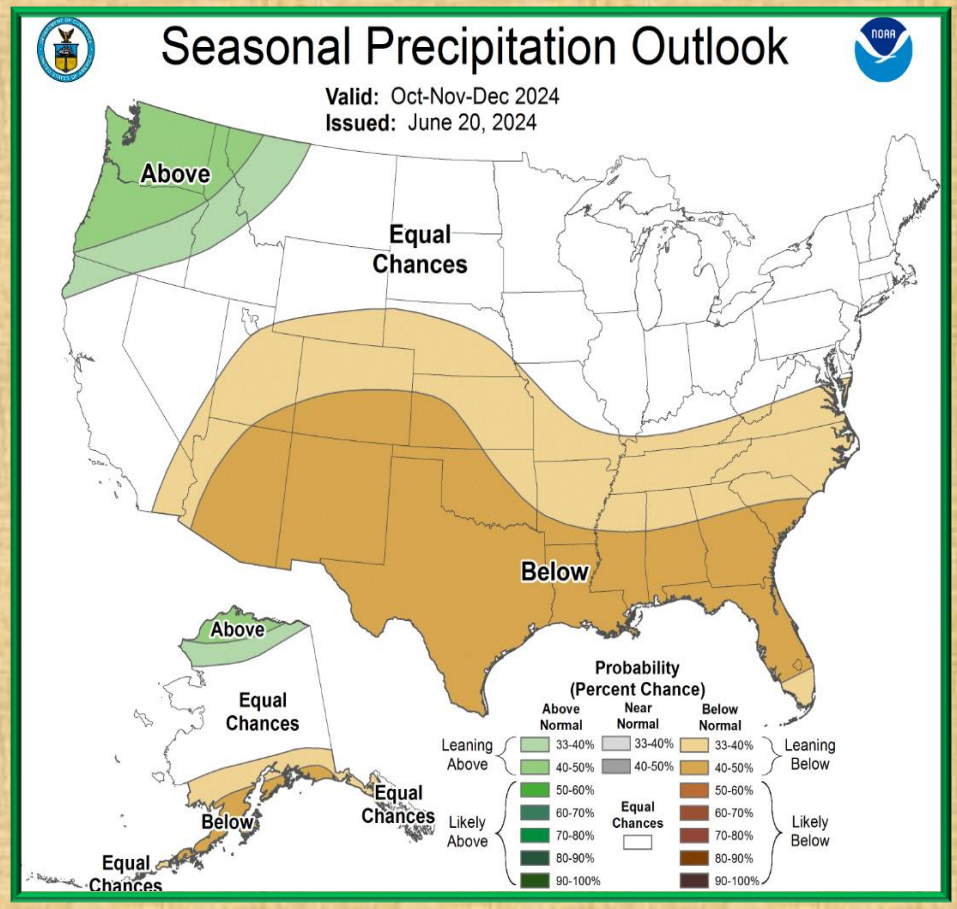


Temperature and precipitation outlook for Oct-Dec 2024

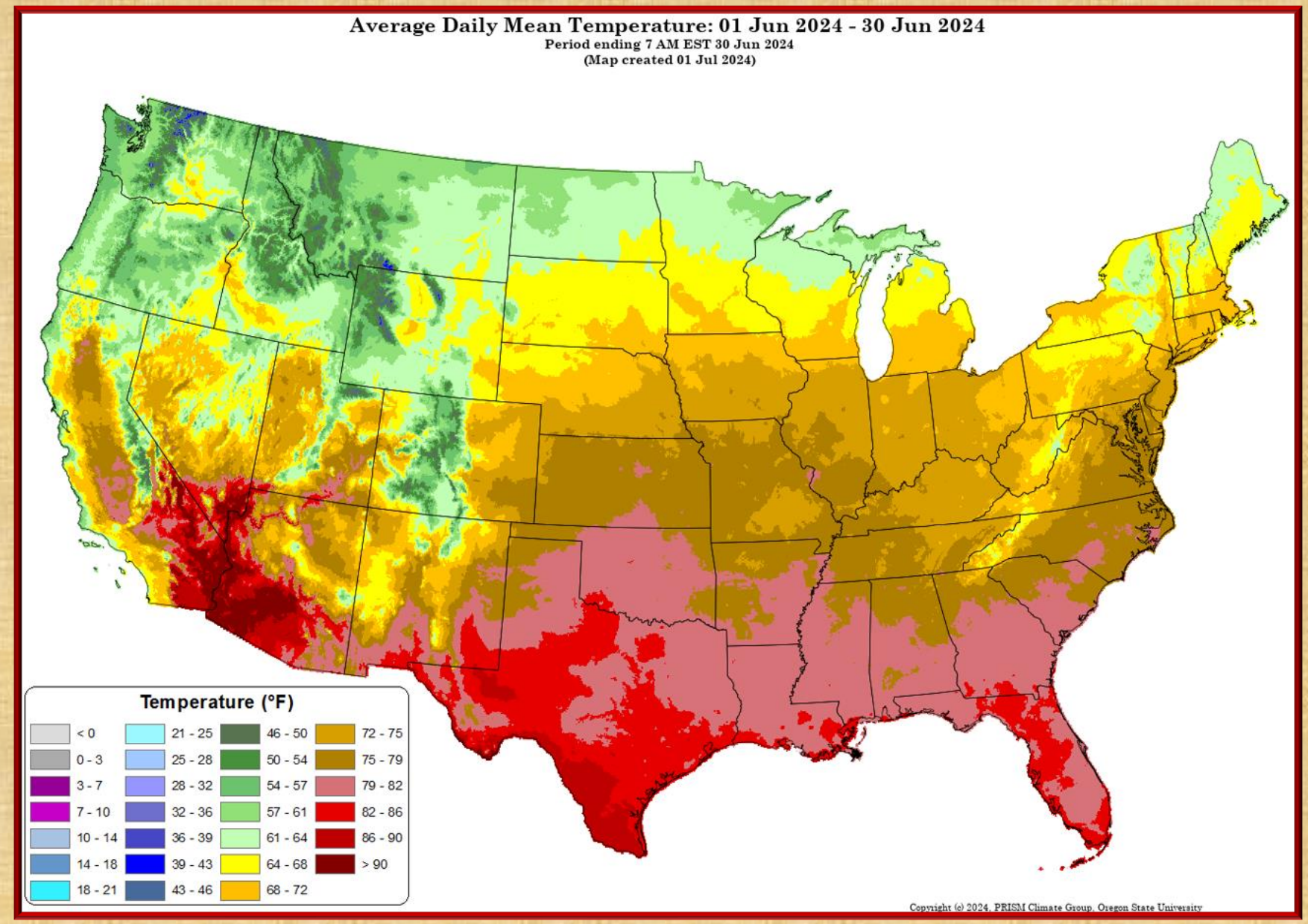
Temperature



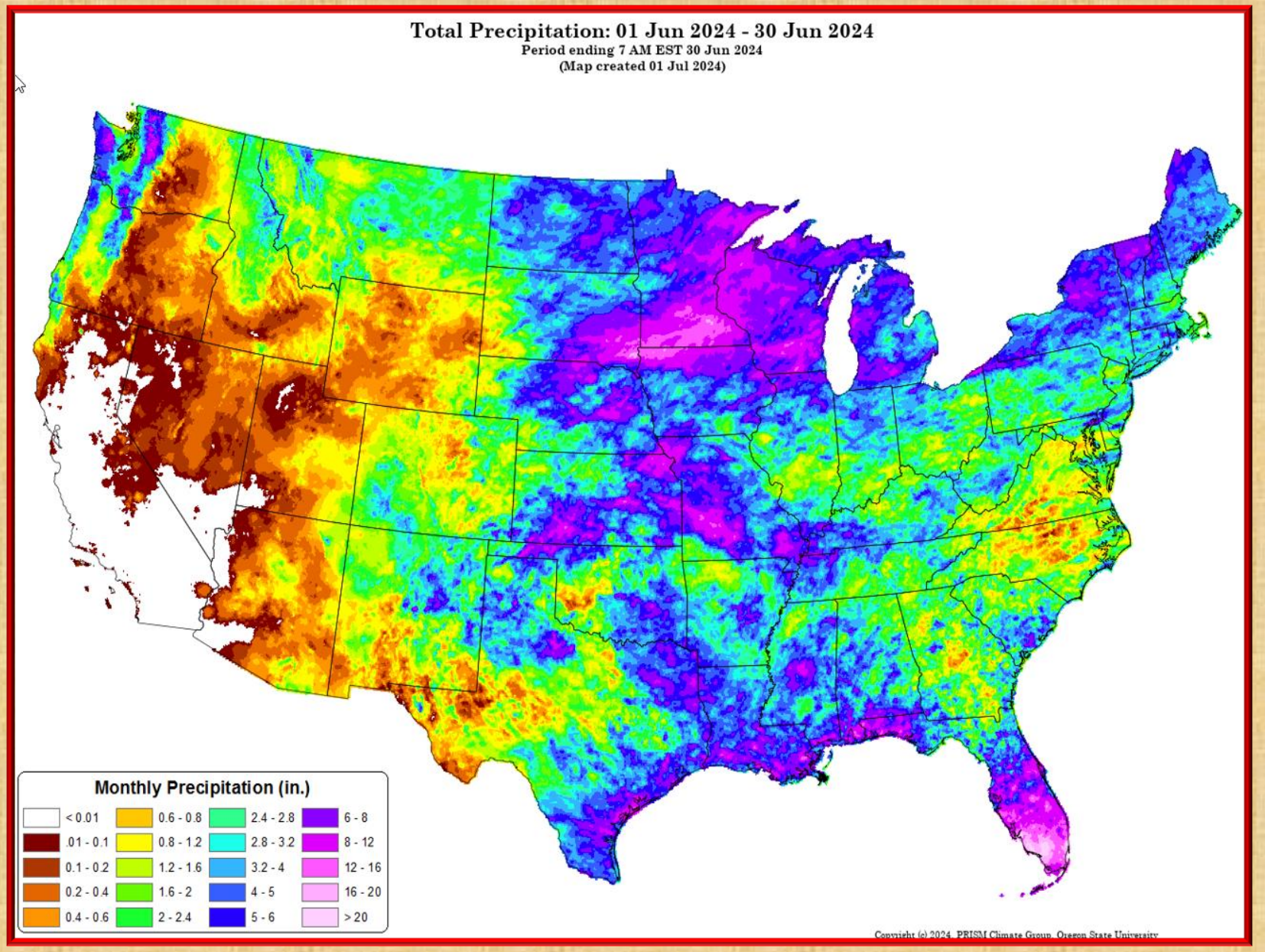
Precipitation



Average Daily Mean Temperature for June 2024



Total Precipitation for June 2024

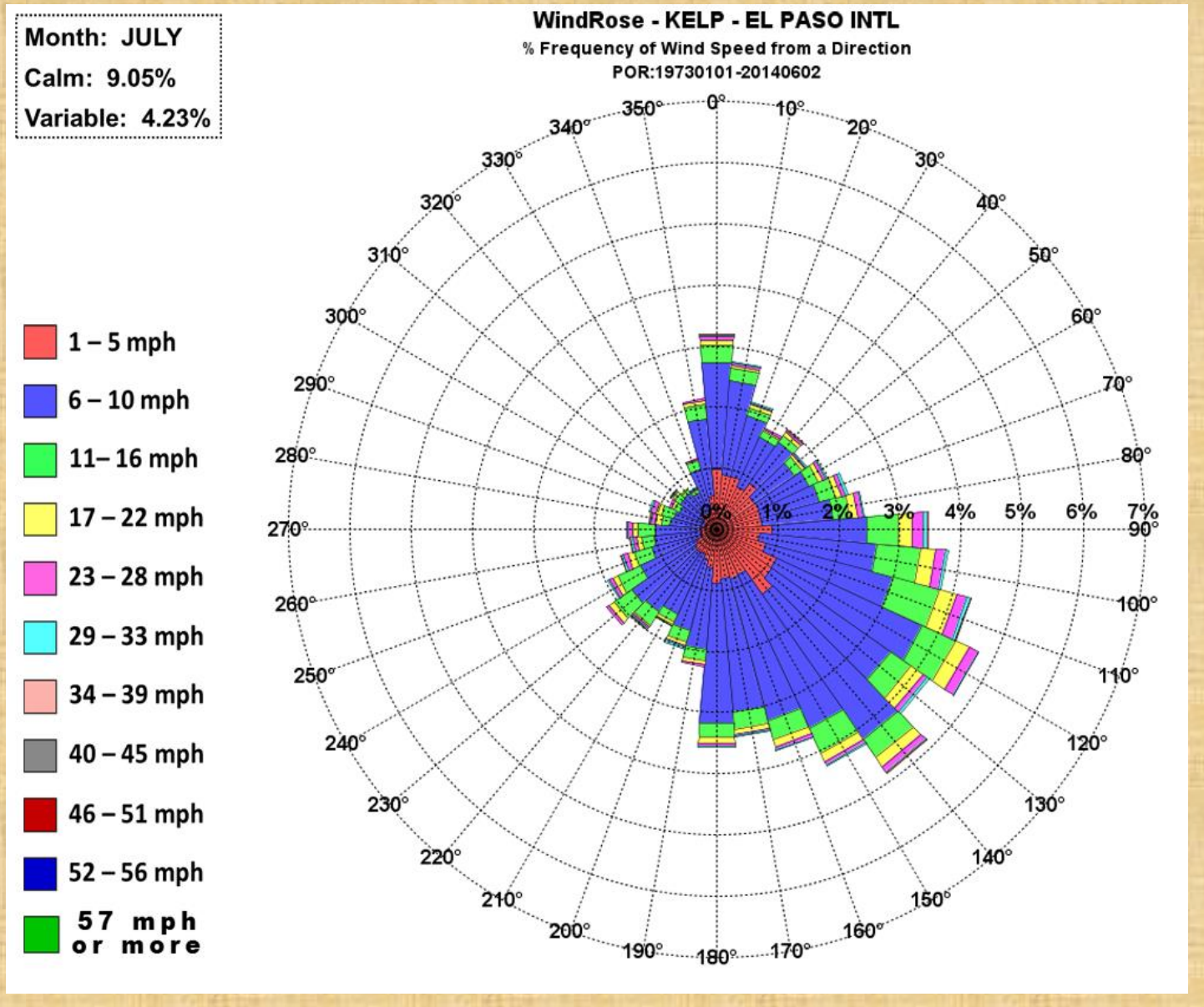


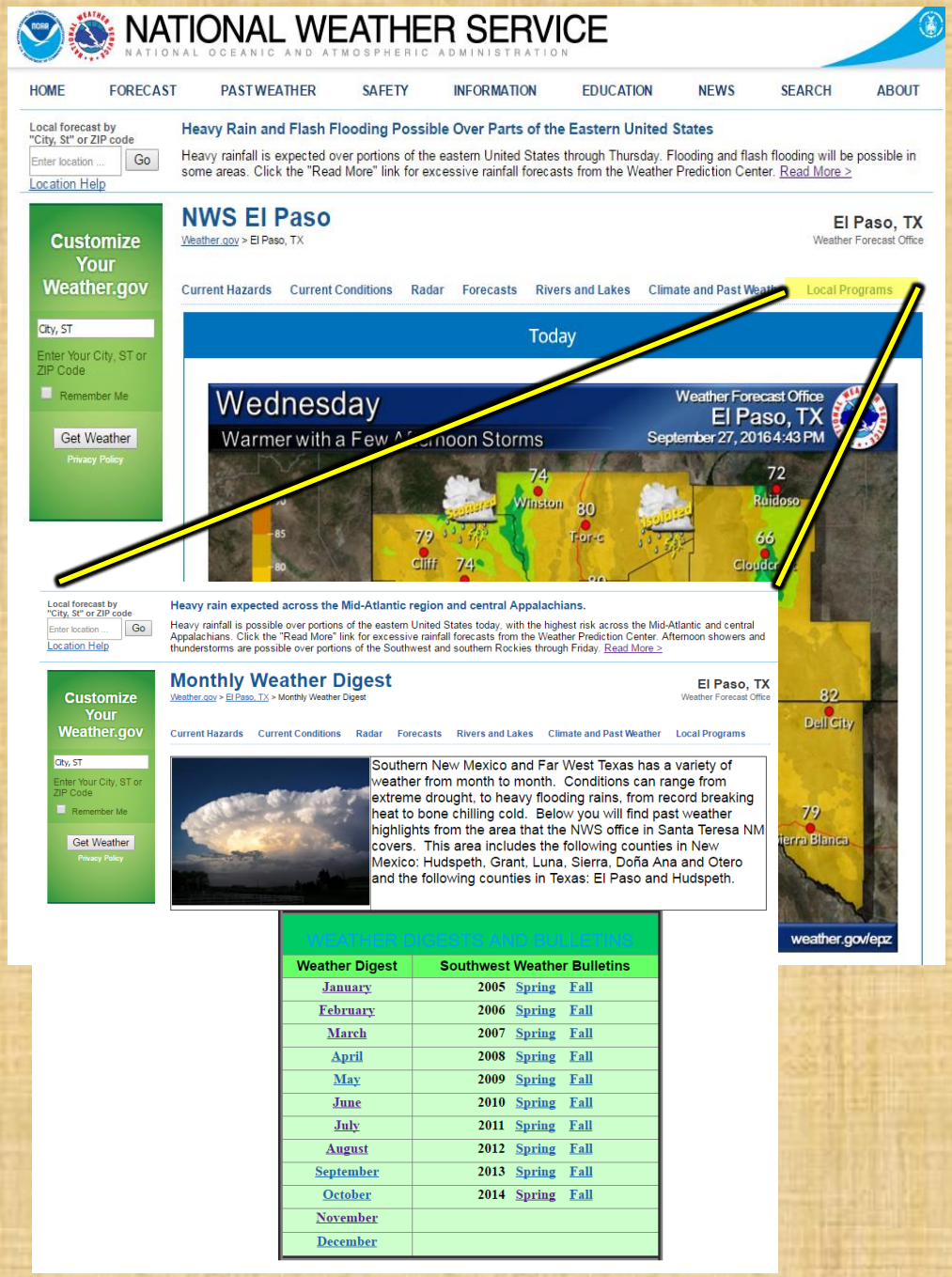
Selected Weather Reports June 2024

Date/Time	Location (County)	Event
JUN 19 615 PM	SAN AUGUSTIN PASS-DONA ANA	94 MPH PEAK WIND GUST
JUN 19 1205 PM	JORNADA RANGE-DONA ANA	62 MPH PEAK WIND GUST
JUN 19 626 PM	DRIPPING SPRINGS-DONA ANA	61 MPH PEAK WIND GUST
JUN 30 335 PM	LAS CRUCES 3NE-DONA ANA	66 MPH PEAK WIND GUST
JUN 30 326 PM	DRIPPING SPRINGS-DONA ANA	63 MPH PEAK WIND GUST

Special Features

www.weather.gov/epz/elpwindrosedata





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