

June 2025 Weather Digest



June 2025 Weather Summary

June started out in fairly typical fashion; dry with increasing heat. Temperatures at most sites were several degrees above normal until around June 20. This came to a sudden end when the monsoon pattern quickly developed from around June 20-23 (see the monsoon report below). The associated rainfall, which often takes around 7-10 days to arrive after the monsoon onset, arrived almost immediately. The last 10 days of June saw cool, below normal temperatures and abundant rainfall at most locations. The majority of the Borderland saw about 150-300 percent of normal June rainfall, with only parts of western Grant and Hidalgo Counties reporting below normal rainfall. Of course when we mention monsoon rain, we also have to deal with flash flooding, and several areas around southern New Mexico and west Texas saw flood events. Especially vulnerable to flooding are burn scars, and southern New Mexico has 3 fresh burn scars (Trout this year, South Fork and Salt from last year). The Salt and South Fork scars saw quite a bit of rain toward the end of June, impacting the Ruidoso area with several days of flooding.

As mentioned above, the month got off to a hot start. El Paso recorded 15 days of triple digit heat through June 22. The early monsoon rainfall then cooled the rest of the month significantly. For the month as a whole, much of the area was around 1-3 degrees above normal. Much of the surplus on the average temperature was because of low temperatures remaining well above normal.

June 2025 Weather Summary

Looking ahead to July, average rainfall continues to increase as the monsoon season comes into full swing. July begins the stretch of our 3 wettest months of the year. July, on average, will supply about 10-20 percent of annual precipitation for most locations.

Daylight begins to slowly decrease as we are past the summer solstice. Daylength at El Paso on July 1 is 14 hrs, 11 mins, decreasing to 13 hrs, 41 mins of daylength on the last day of July. The average high temperature at El Paso on July 1 is 97°, dropping to 95° on July 31. Over the last 25 years, El Paso has averaged 31 triple digit readings. The all-time record high temperature for July in El Paso is 112°.

For the astronomy fans out there, July's full moon occurs on July 10 and is commonly known as the Buck Moon. The new moon takes place on July 24. There are no solar or lunar eclipses in July.

**June 2 Water release Rio Grande
reaches the El Paso area**



June 10 Storm near El Paso



June 10 Haboob El Paso



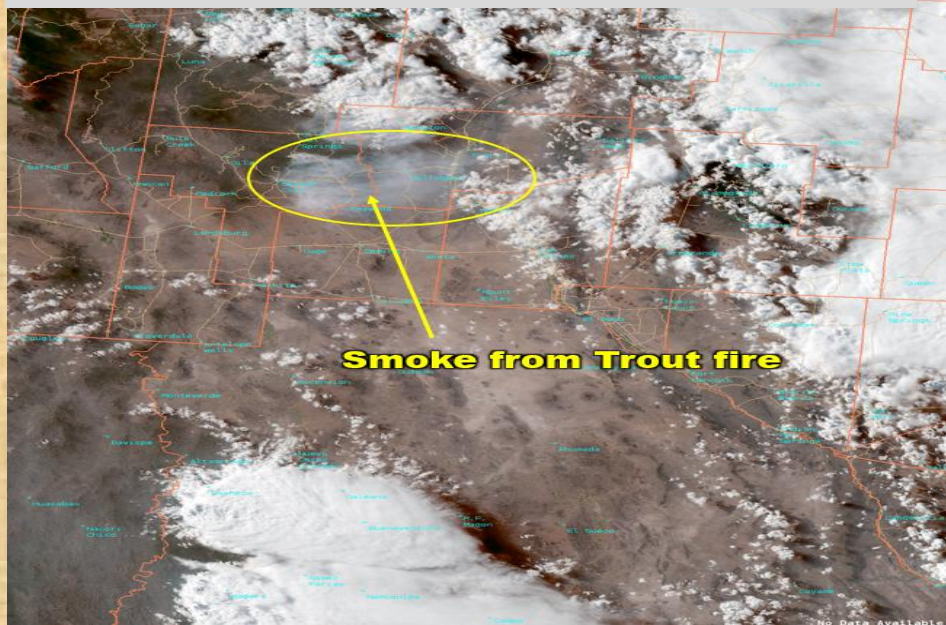
June 10 Haboob Deming



**June 12 Wind damage
Alamogordo**



June 12 Satellite of wildfire smoke



June 13 Trout Fire



June 13 Trout Fire



June 14 Trout Fire



June 14 Trout Fire



June 14 Trout Fire



June 15 Haboob El Paso



June 15 Haboob Horizon City



June 15 Haboob El Paso



June 17 Trout Fire



June 17 Trout Fire



June 20 Trout Fire



June 18 Trout Fire



June 18 Trout Fire



June 24 Flooding near Hatch



June 24 Flooding near Hatch



**June 25 Flooding northeast
El Paso**



**June 25 Flooding northeast
El Paso**



**June 28 Gustnado near
Deming**



June 24 Flooding near Hatch



June 26 Storm near Santa Teresa



June 28 Haboob east of Lordsburg
I-10 @ E OF LORDSBURG



June 30 Haboob near Deming



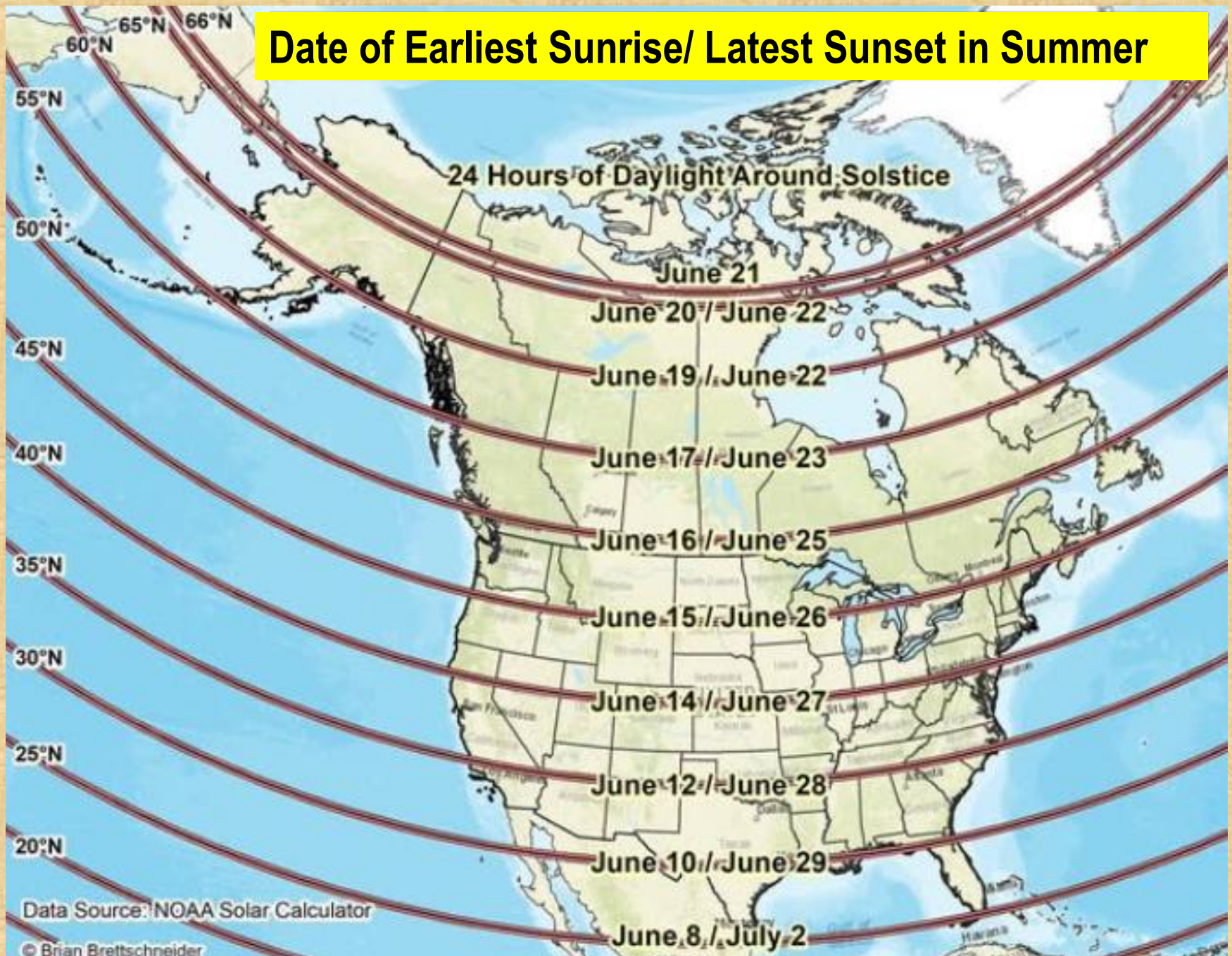
June 30 Carzalia Valley Luna Co



June 27 Rainbow near Mimbres



Date of Earliest Sunrise/ Latest Sunset in Summer



ENSO Alert System Status:

Not Active

ENSO Alert System

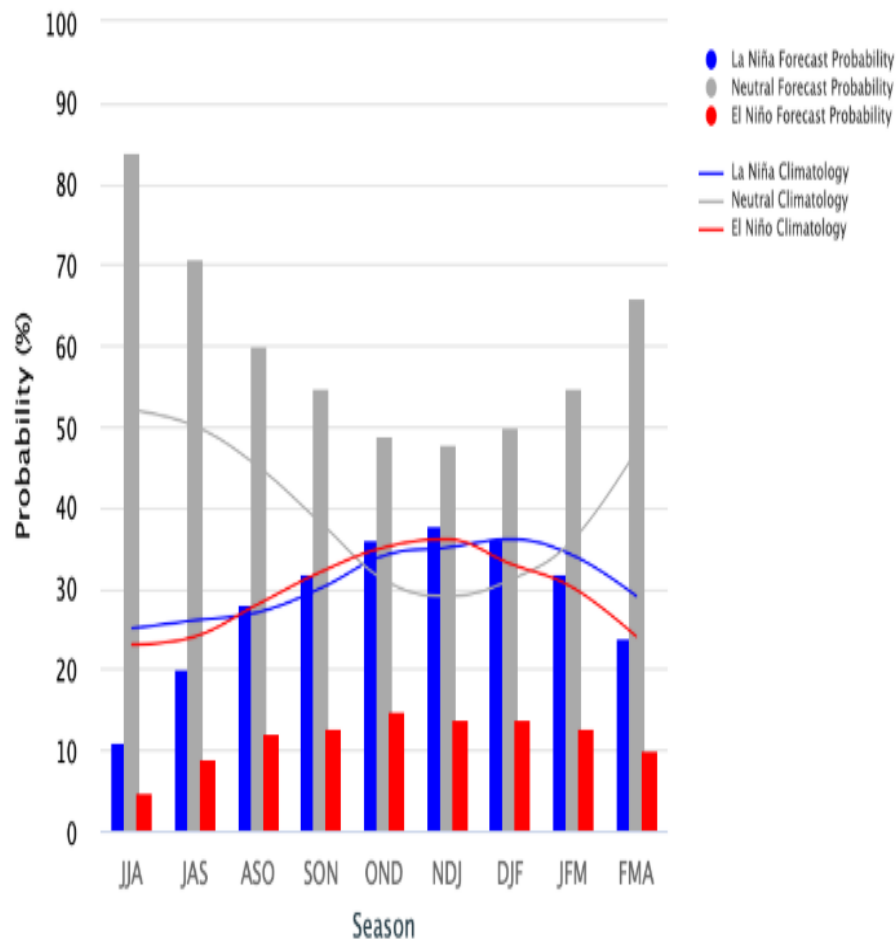
- **El Niño or La Niña Watch:** Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.
- **El Niño or La Niña Advisory:** Issued when El Niño or La Niña conditions are observed and expected to continue.

ENSO Forecast

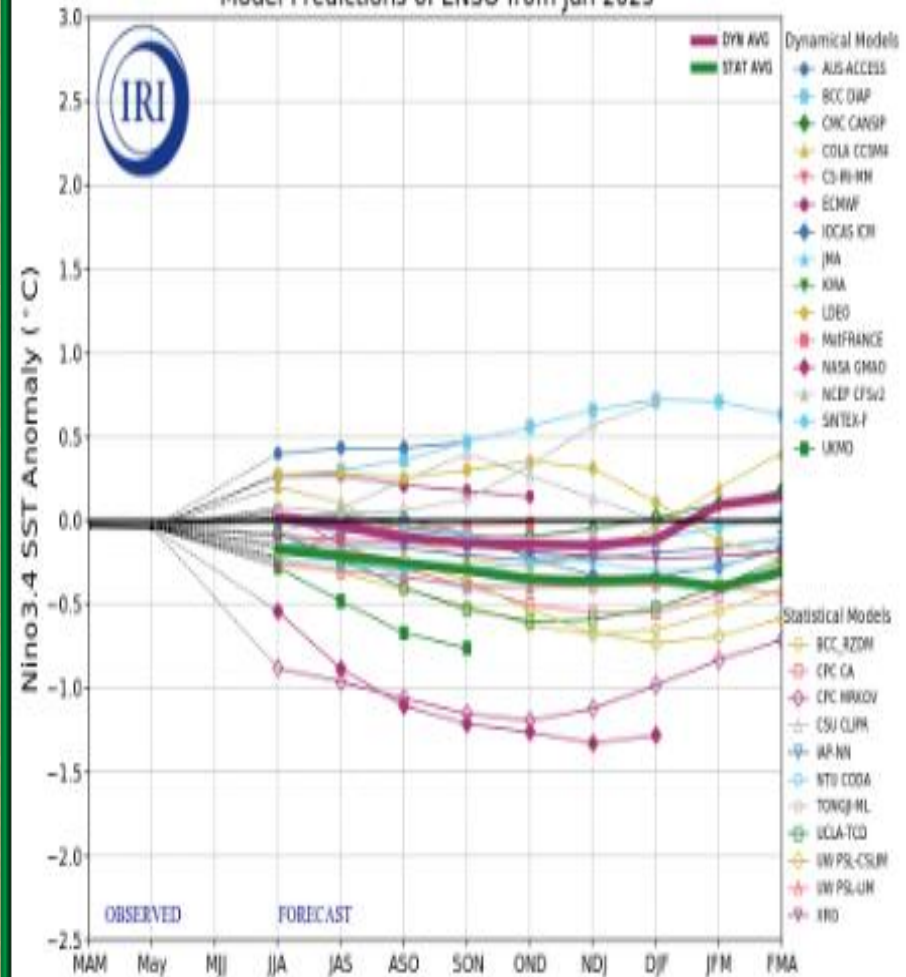
ENSO is currently in neutral phase and likely to remain in neutral into this winter.

Mid-June 2025 IRI Model-Based Probabilistic ENSO Forecasts

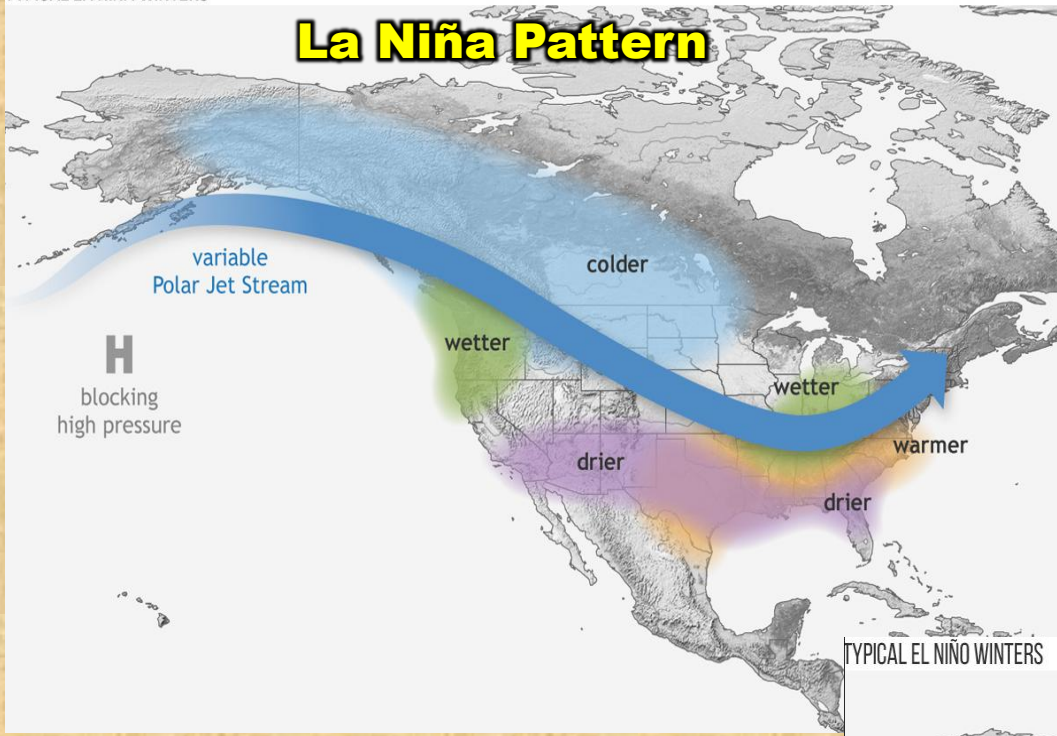
ENSO state based on NINO3.4 SST Anomaly Neutral ENSO: -0.5°C to 0.5°C



Model Predictions of ENSO from Jun 2025



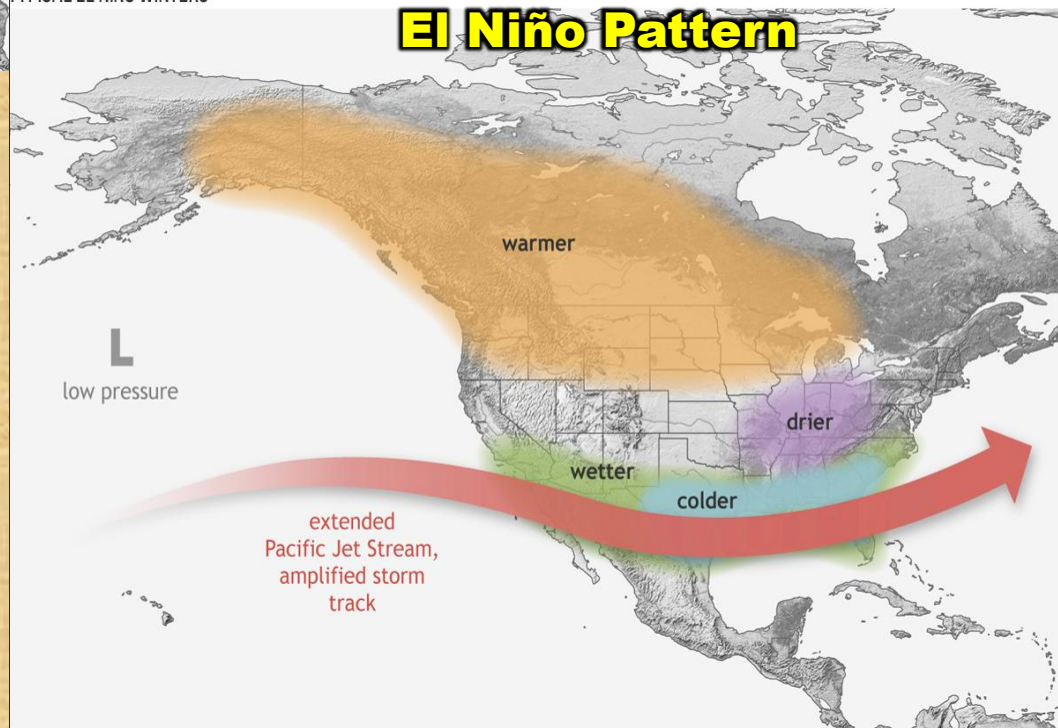
La Niña Pattern



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 southwestern U.S. above normal precipitation.

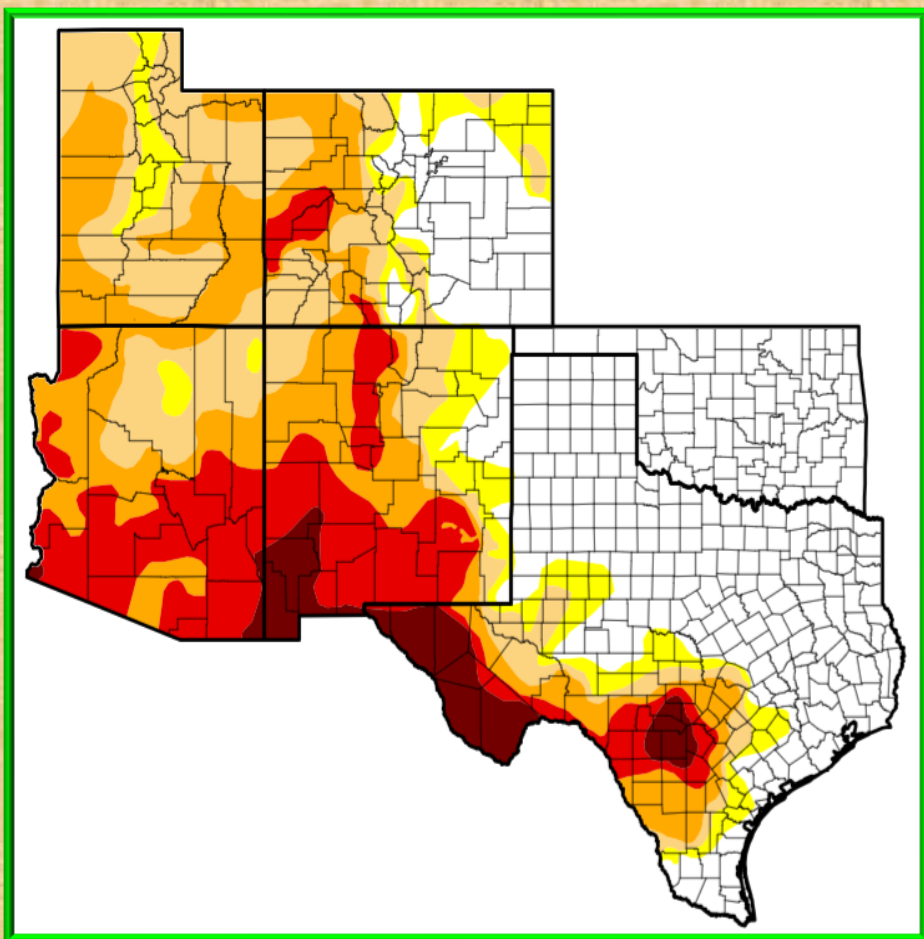
El Niño Pattern



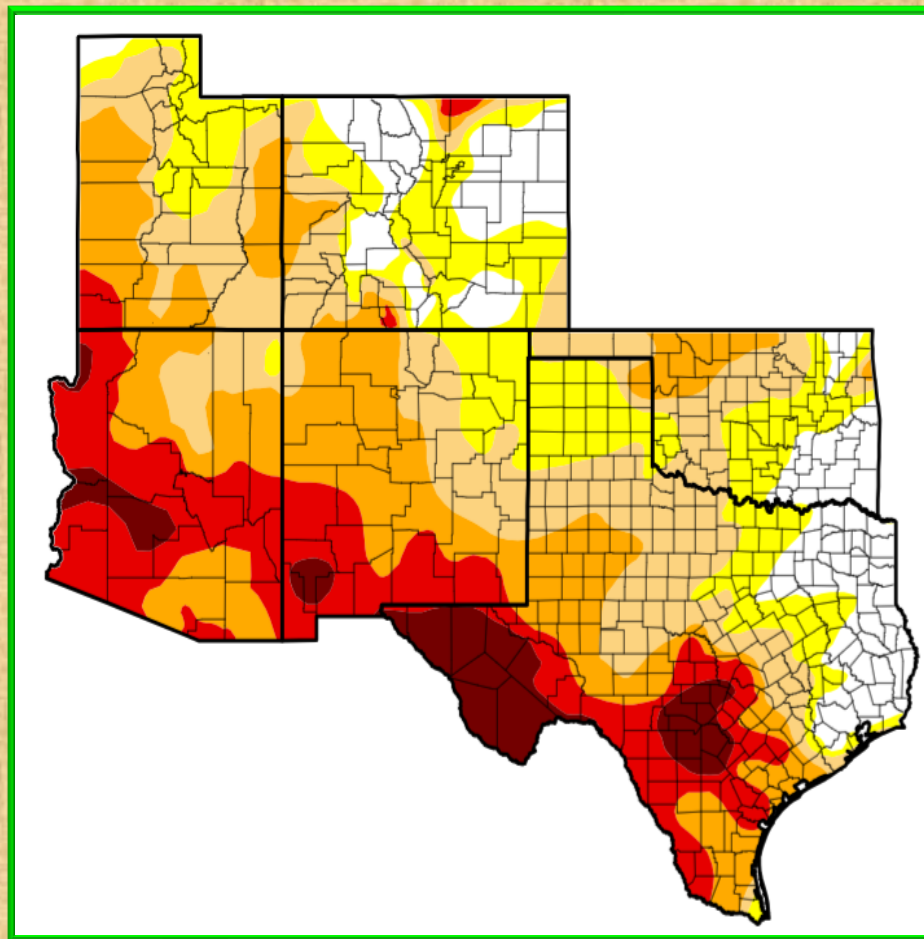
Current drought conditions and 3 month change

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

June 24, 2025

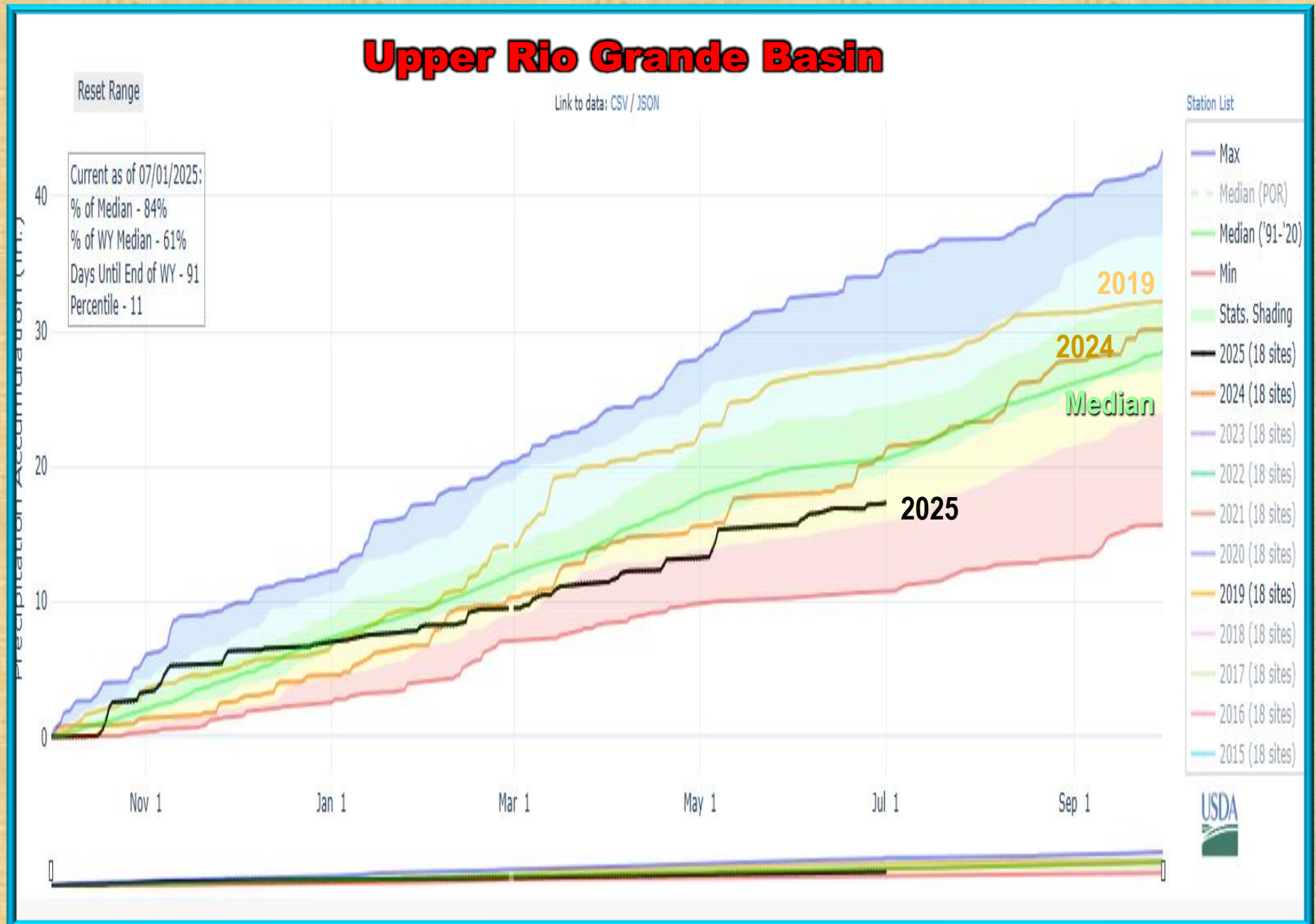


March 25, 2025



Precipitation for the Water YTD Oct 1 – June 30, 2025

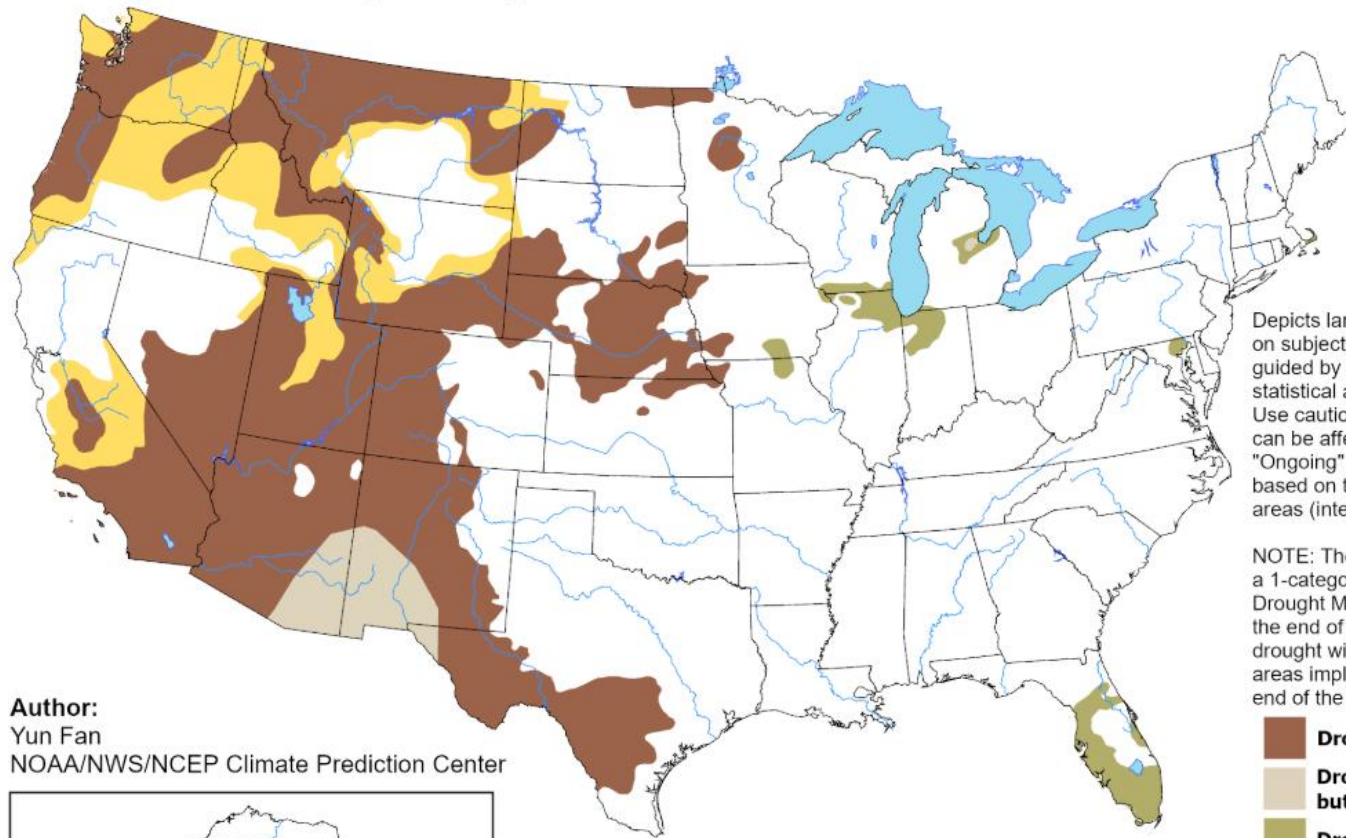
Compare to last few years and average values



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for June 19 - September 30, 2025
Released June 19, 2025

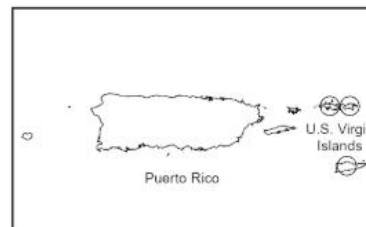
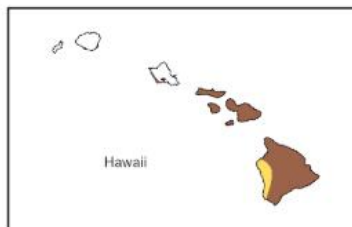


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to 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:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center



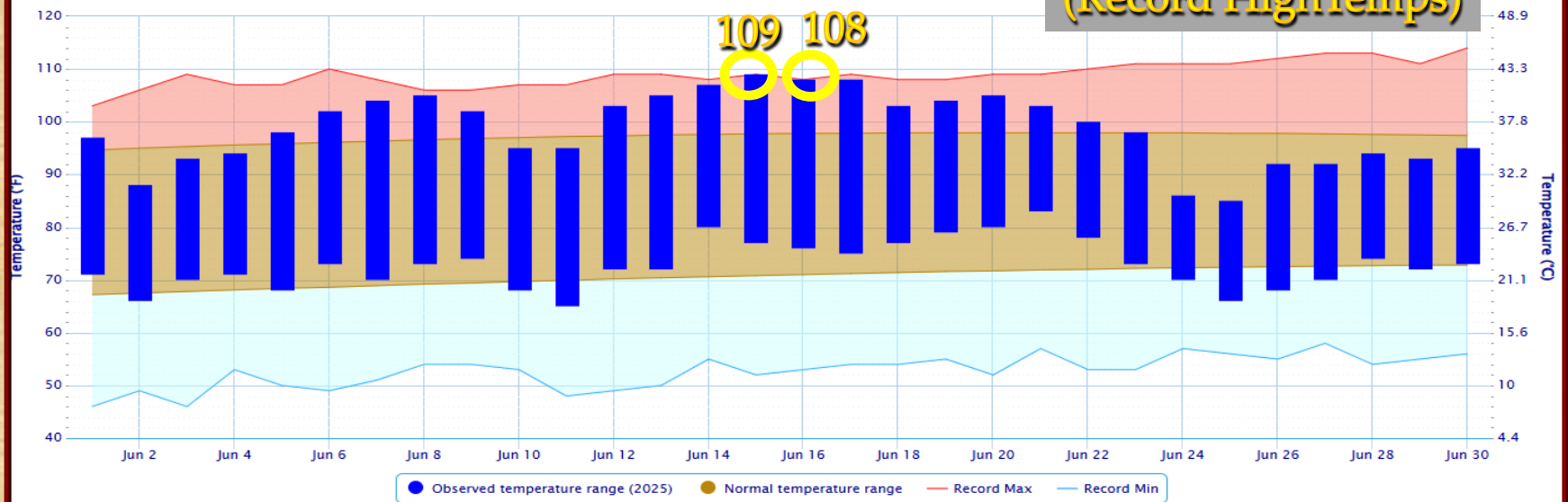
<https://go.usa.gov/3eZ73>

Temperature and precipitation data for June 2025 in El Paso

○ = record

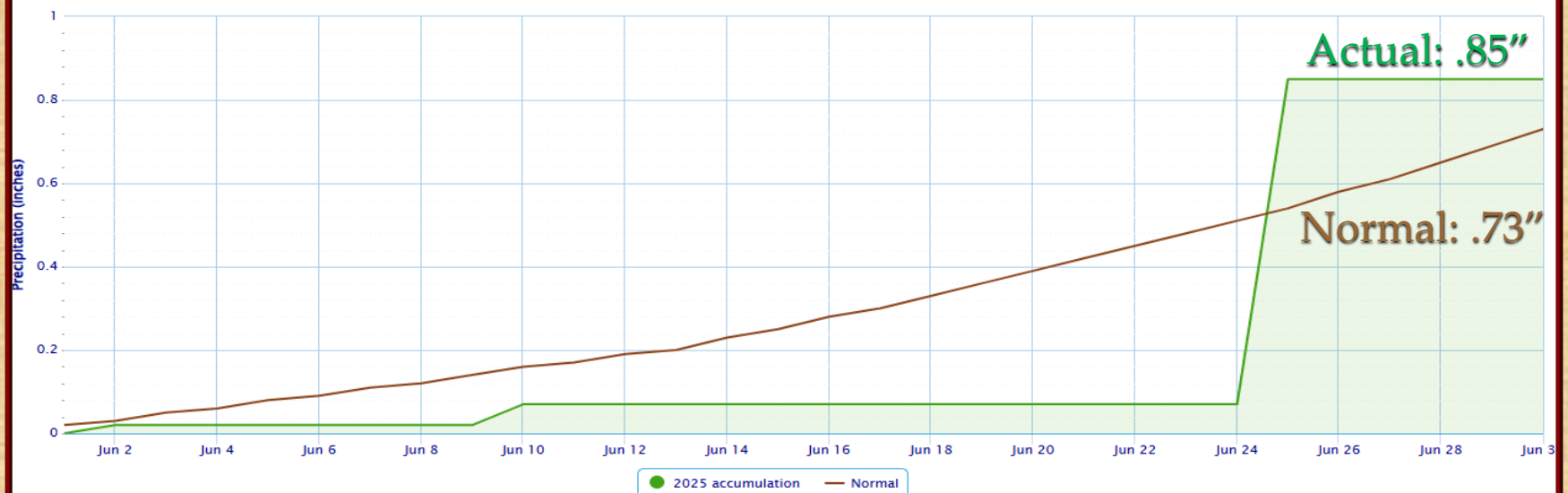
Daily Temperature Data – El Paso Area, TX (ThreadEx)

Period of Record – Max temperature: 1887-01-01 to 2025-06-30; Min temperature: 1879-01-01 to 2025-06-30. Normal temperature range: 1887-01-01 to 2025-06-30.

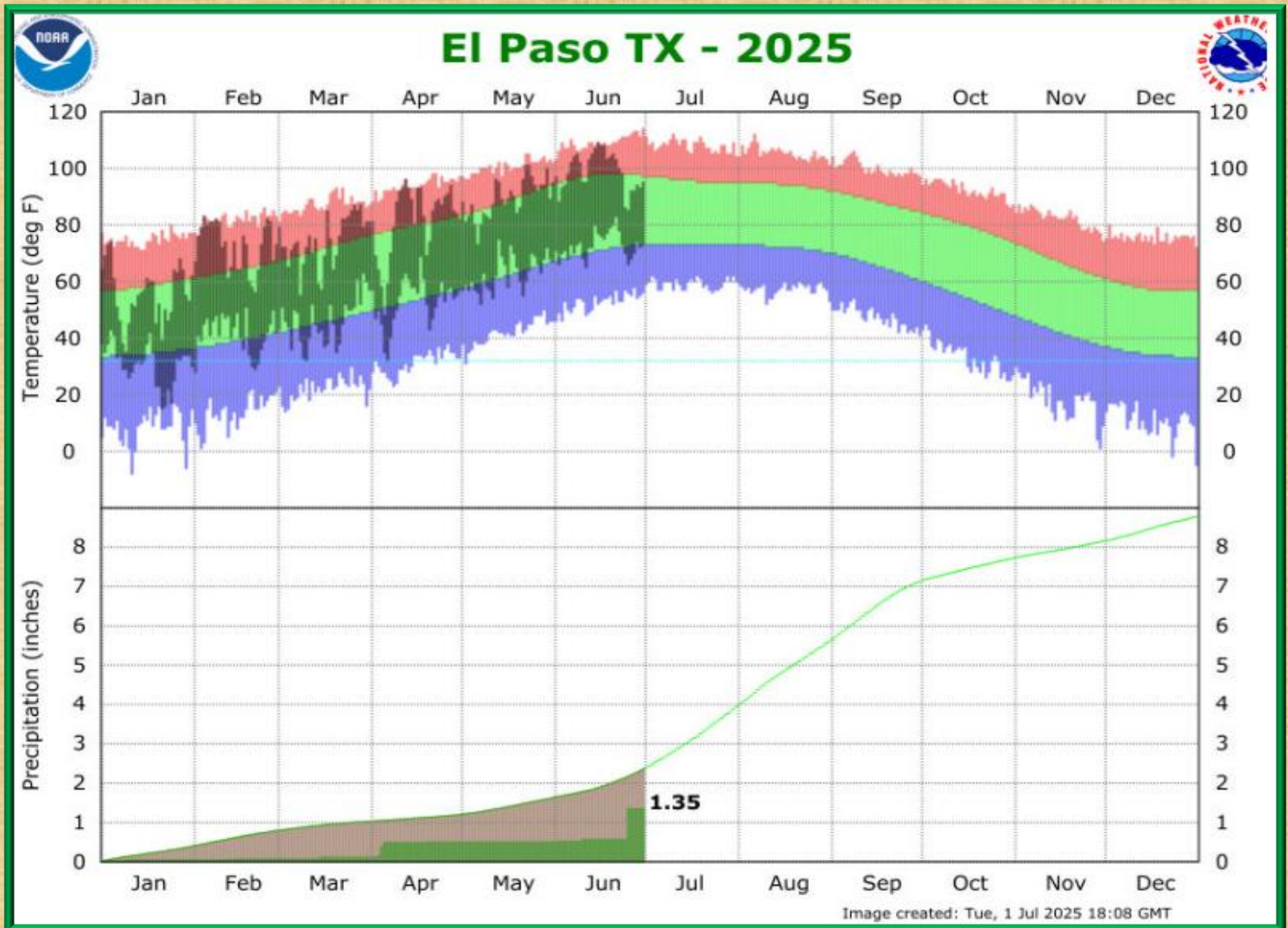


Accumulated Precipitation – El Paso Area, TX (ThreadEx)

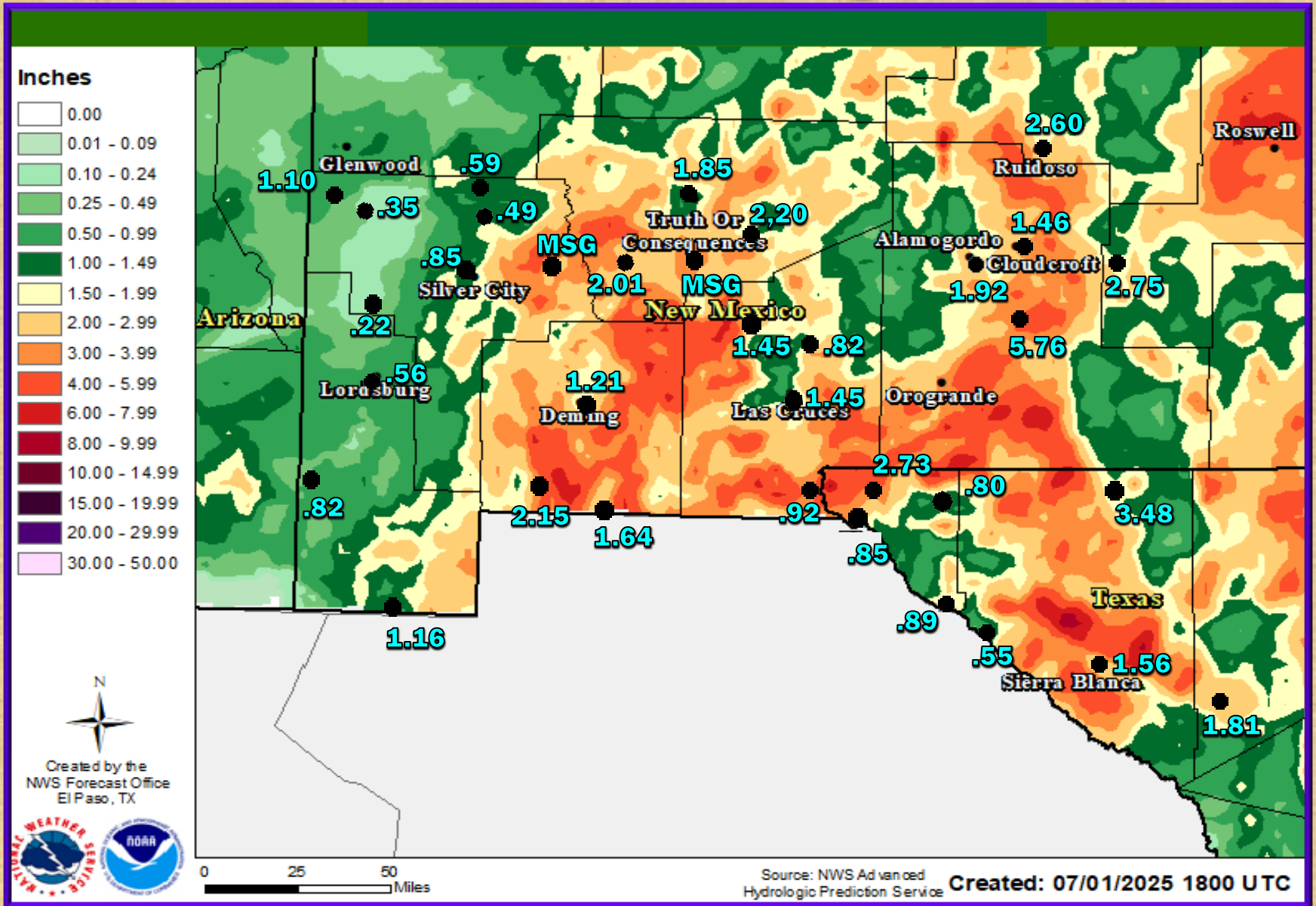
Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



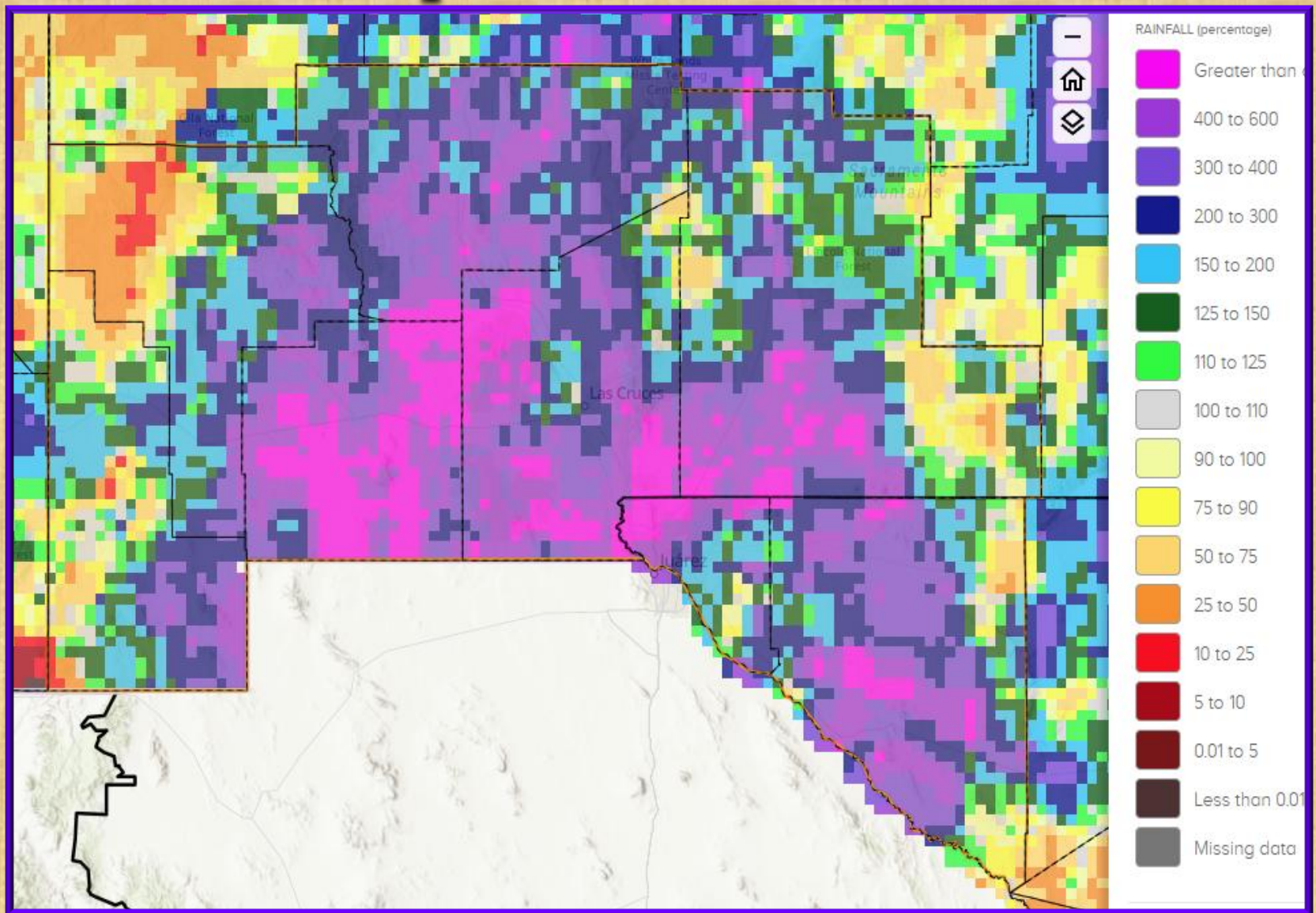
2025 Temperature and Precipitation through June for El Paso



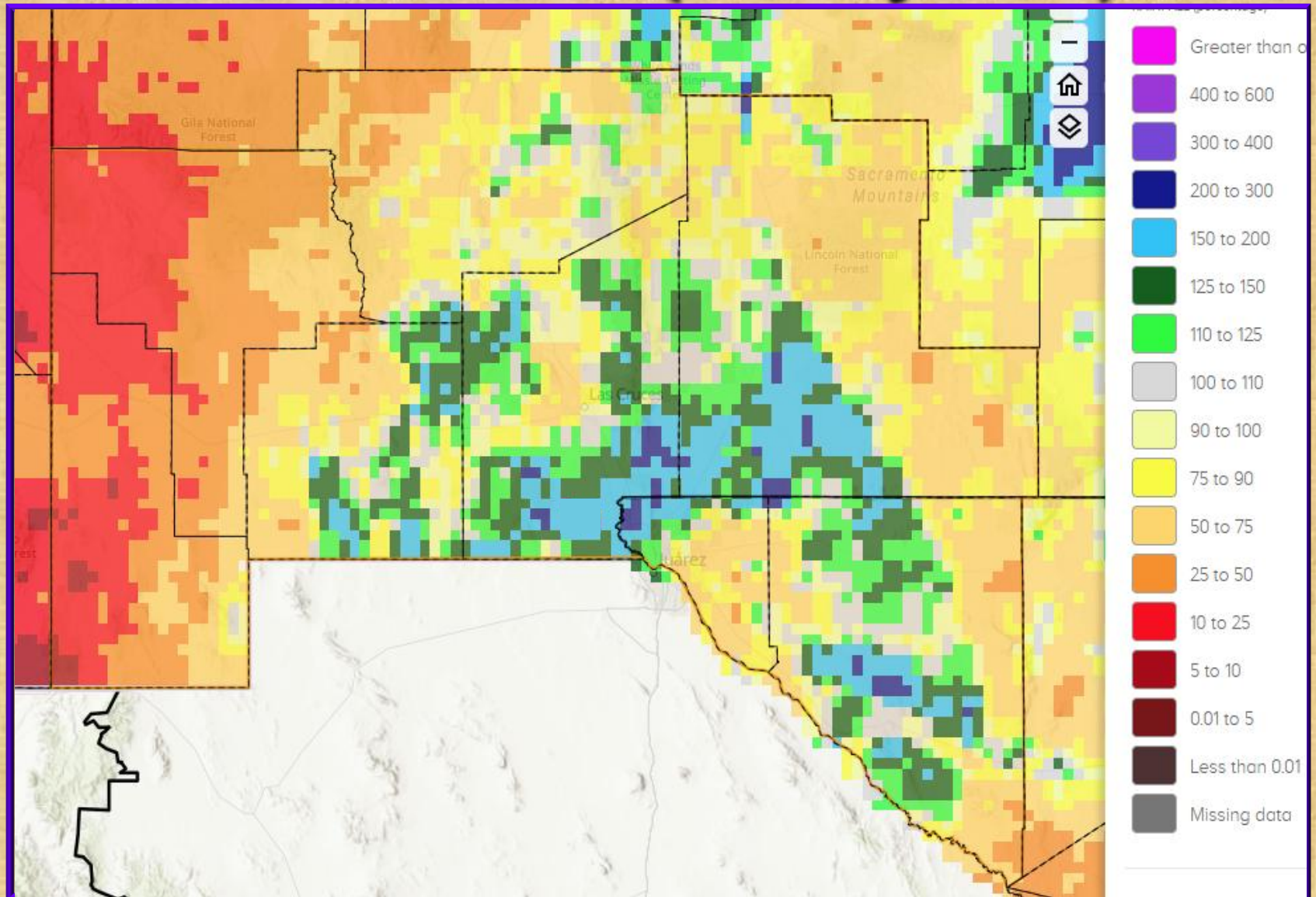
June 2025 rainfall estimate with surface rainfall reports



June 2025 rainfall estimate percent of normal



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

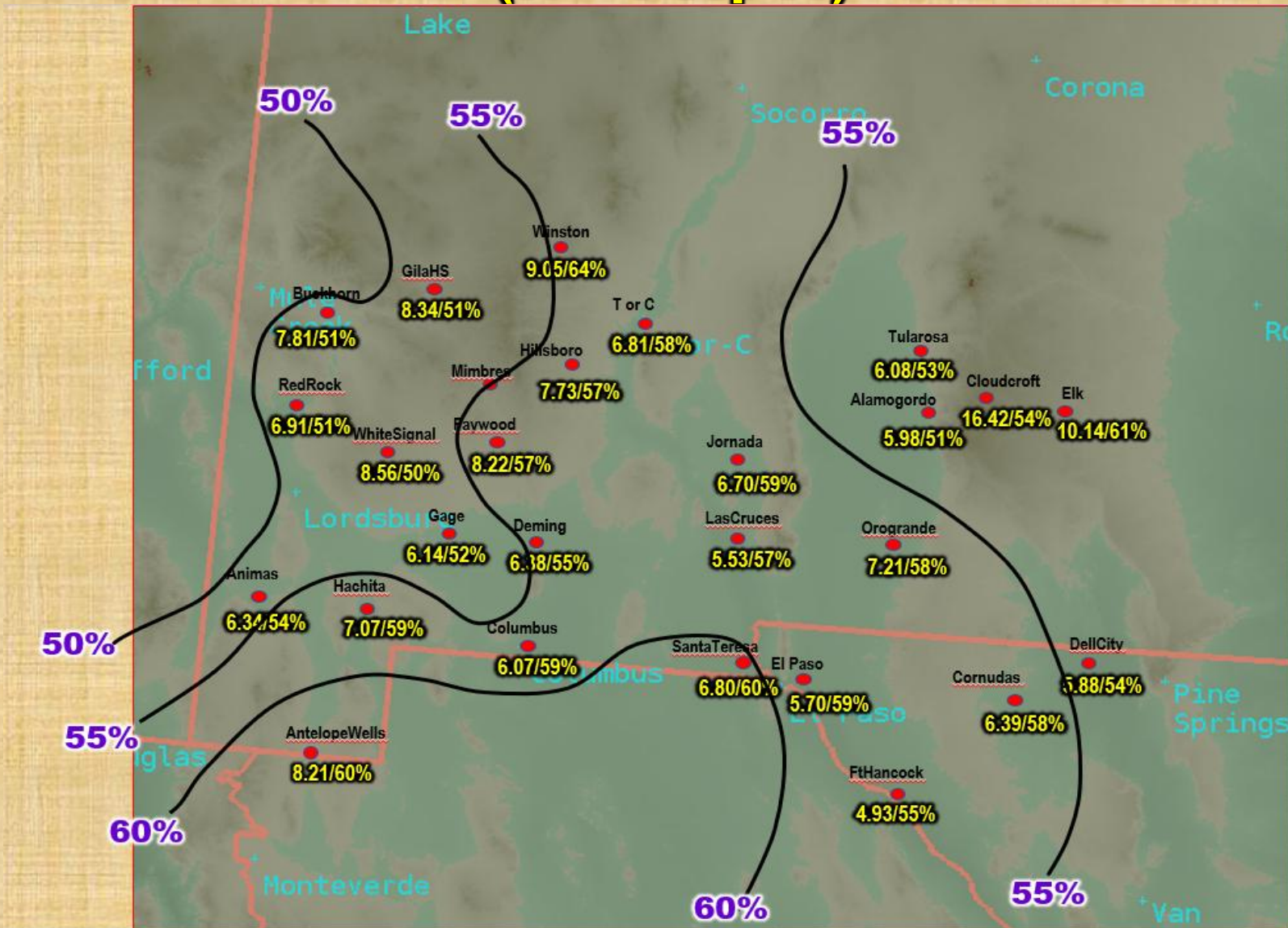


Tracking the 2025 Monsoon Season across the El Paso Forecast Area

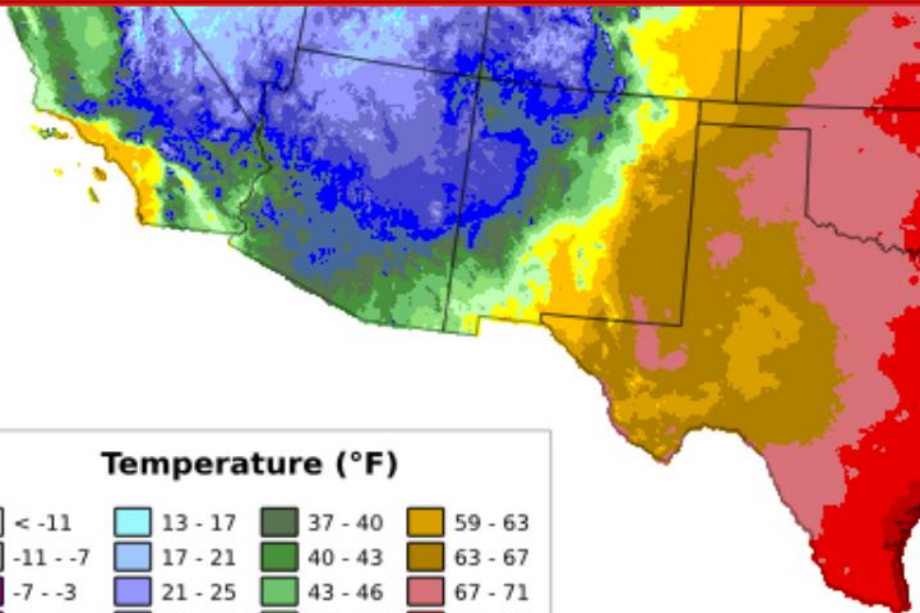
A transition to monsoon flow began around June 20-24 this year with winds shifting to the south and east and bringing in higher humidity. This is about 10-14 days earlier than normal [**see fig 1**]. Widespread thunderstorms over northern Mexico and southern New Mexico also began around this same time.

Monsoon 2025 is off to a much needed wet start, with the 23rd-27th period already contributing about one-quarter to one-half of their average monsoon rainfall total. This likely ends most of the wildfire season, and should begin improving the extreme drought conditions that have developed this year.

Rainfall Totals and the Percent of Annual Precipitation Falling During the Monsoon Season (Jun15-Sep 30)



Tracking the 2025 Monsoon Season across the El Paso Forecast Area. Fig 1

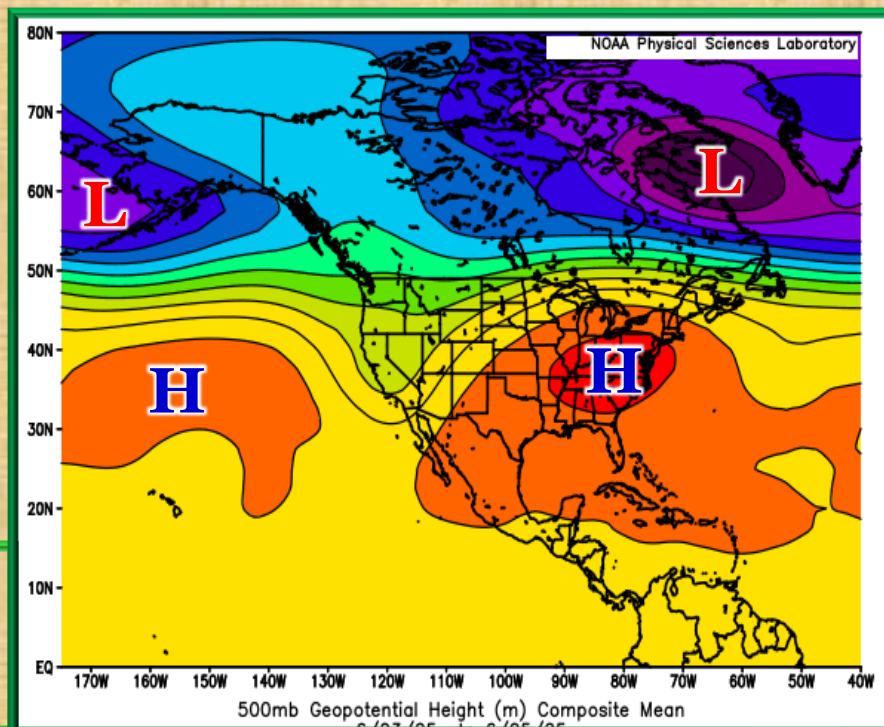


Temperature (°F)

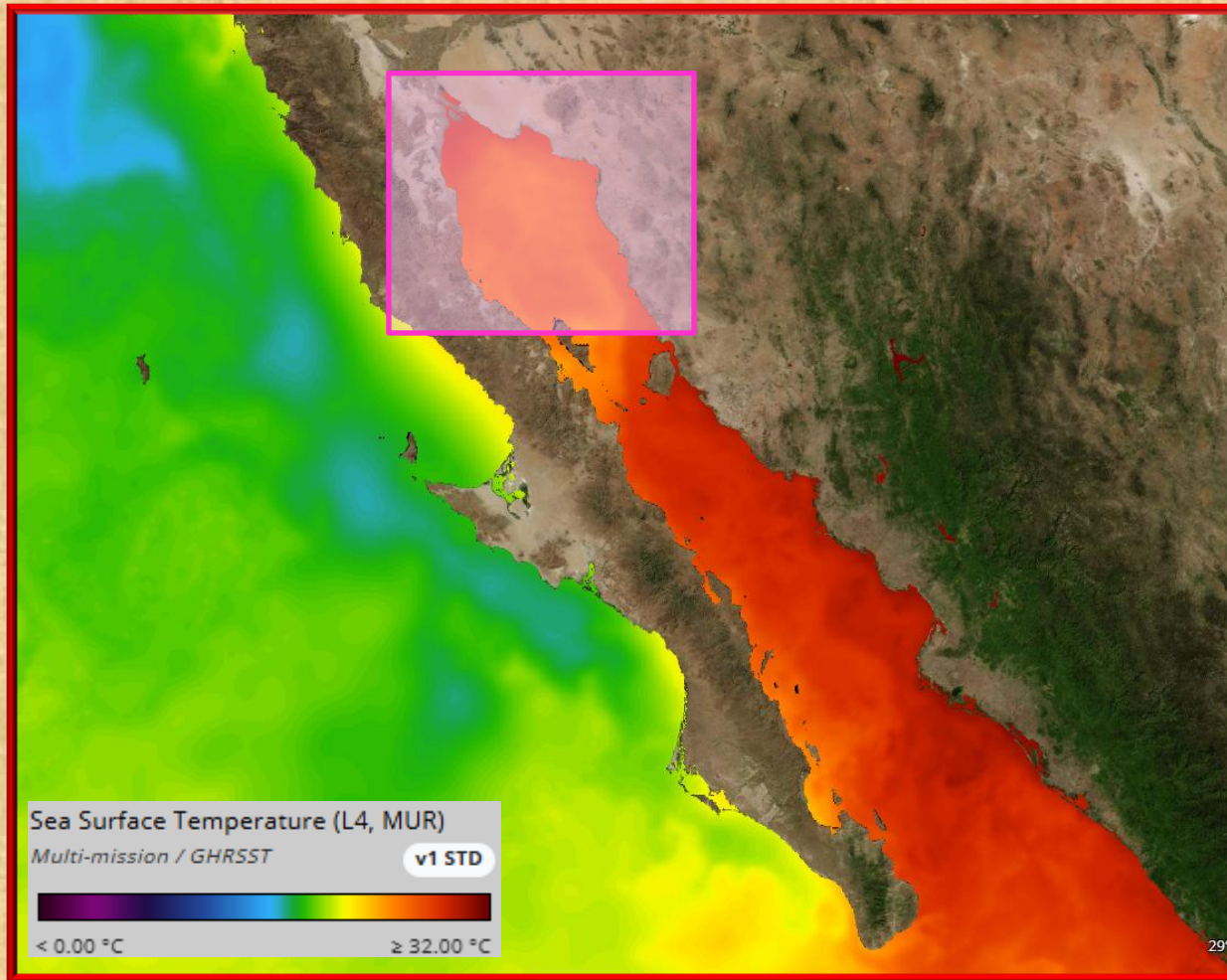
< -11	13 - 17	37 - 40	59 - 63
-11 - -7	17 - 21	40 - 43	63 - 67
-7 - -3	21 - 25	43 - 46	67 - 71
-3 - -1	25 - 28	46 - 49	71 - 75
1 - 5	28 - 31	49 - 52	75 - 79
5 - 9	31 - 34	52 - 55	> 79
9 - 13	34 - 37	55 - 59	

June 24 – Dewpoints reach the Borderland and remain in place for the season.

By June 25, 500mb (18,000 ft) sub-tropical high reaches the Desert Southwest as the polar jet stream migrates northward.



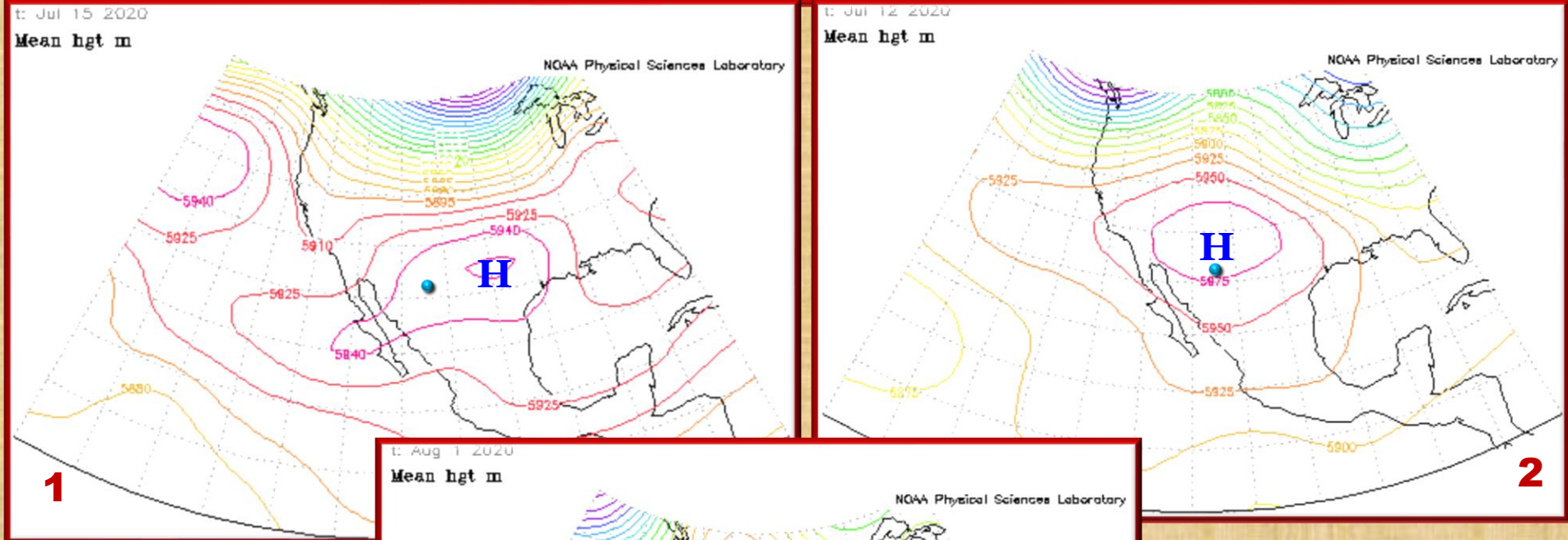
Tracking the 2025 Monsoon Season across the El Paso Forecast Area. Fig. 3



June 19 – Sea surface temperatures in the northern Gulf of California reach 26°C deg (79°F)

Studies have shown that once northern Gulf of California sea surface temperatures reach 26°C, that monsoon rains will begin within about a week. Studies have also shown that when the sea surface temperature reaches 29°C, New Mexico/Arizona will begin receiving the bulk of their rainfall (around 65-70%). This date normally occurs during the last half of July.

Position of NAM upper high determines our rainfall potential. Blue dot represents El Paso.



1

2

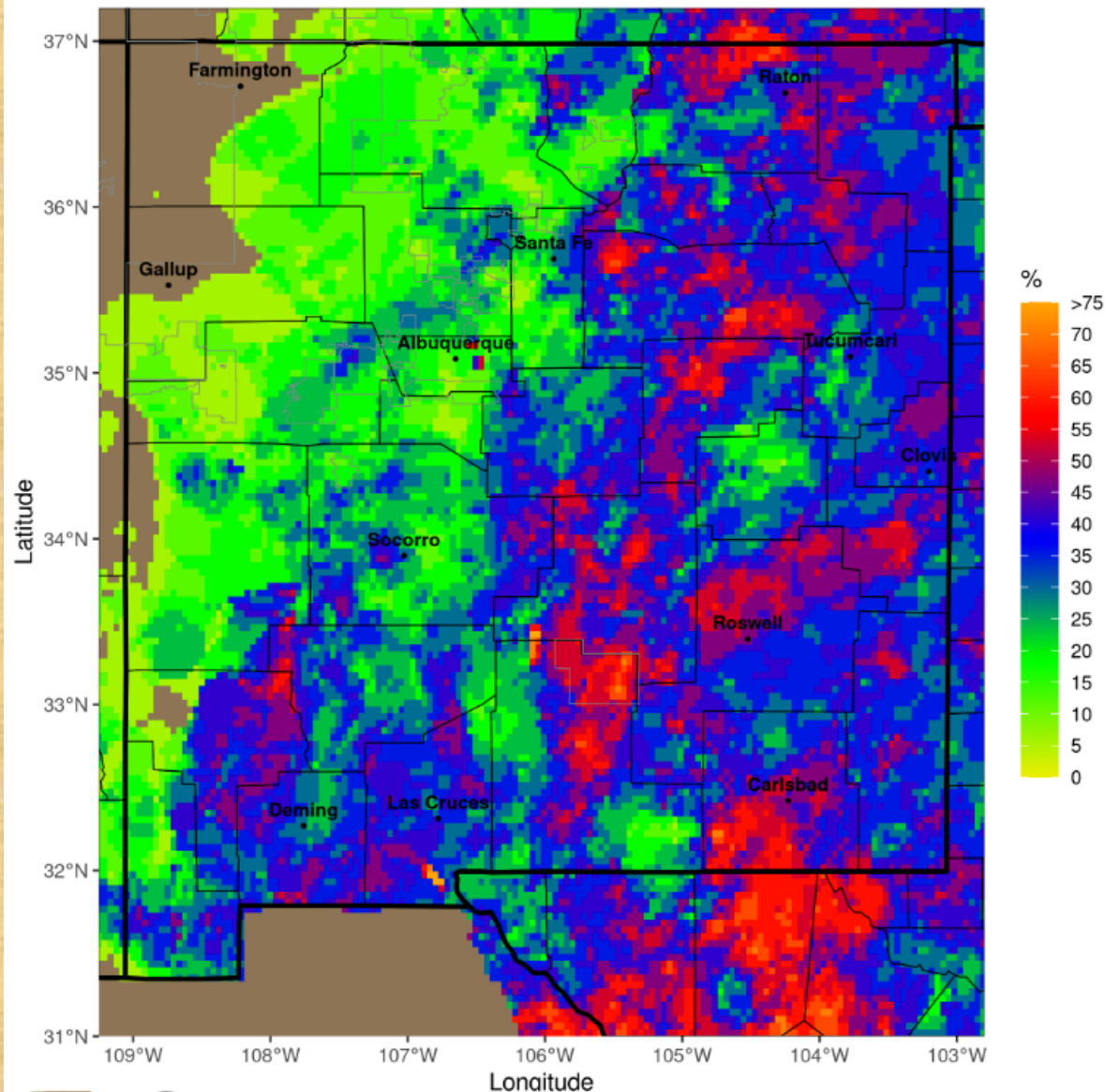
3

No. 1 High center east of New Mexico. Often brings ample tropical moisture and widespread heavy rain and flooding to the area under southerly flow.

No. 2 High center over New Mexico. Often brings very hot temperatures and little if any rain (usually limited to the mountains).

No. 3 High center north and west of New Mexico. Often brings scattered storms with hit and miss heavy rains and large hail and strong wind potential.

Percent of days with rain (>0.01 in): 2025-06-15 to 2025-07-01



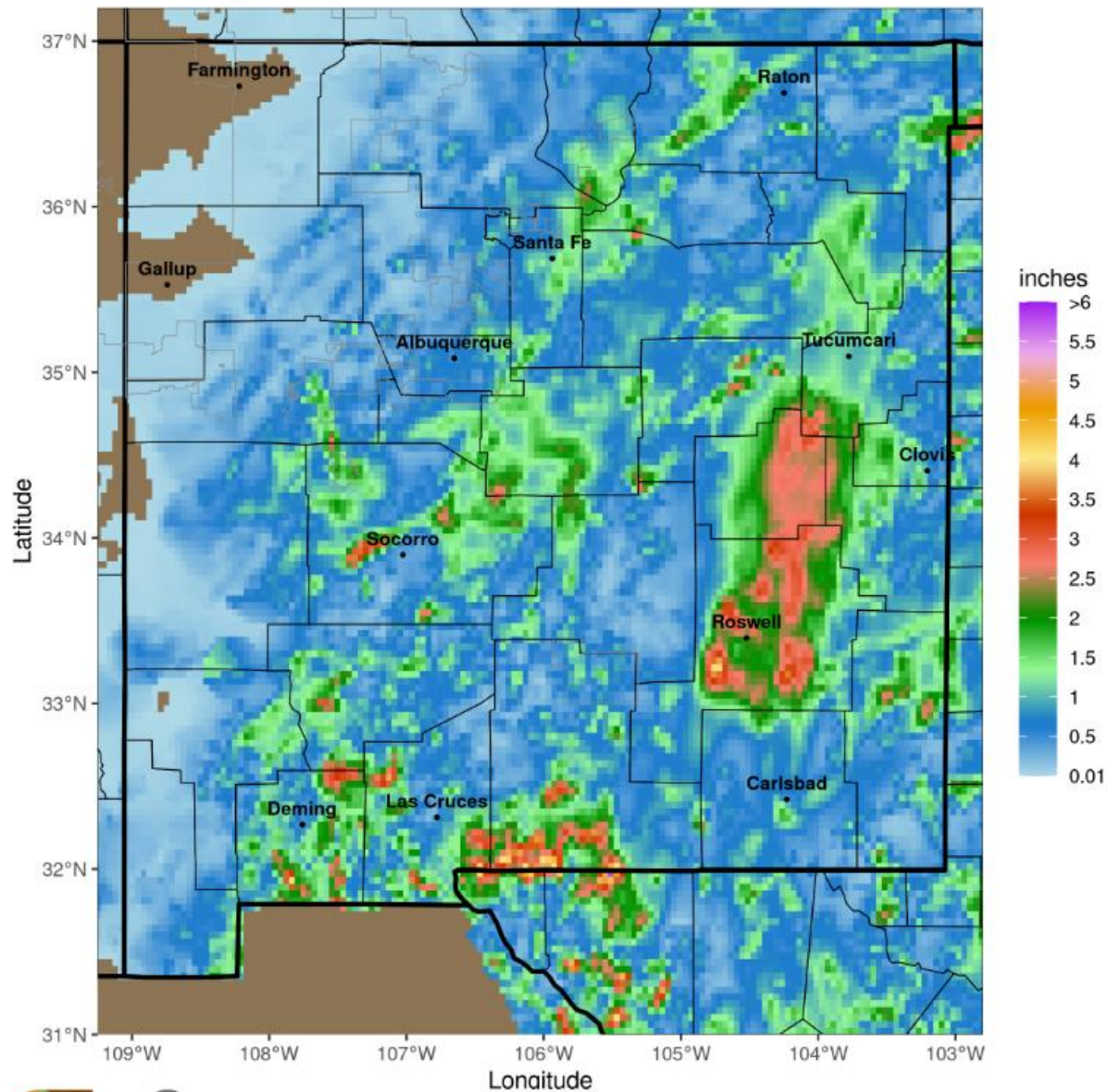
This map shows the percentage of measurable rainfall days so far during the Monsoon season. Courtesy of Climate Assessment for the Southwest.



THE UNIVERSITY OF ARIZONA
Cooperative Extension

Plot created: 2025-07-01
The University of Arizona
<https://cals.arizona.edu/climate/>
Data Source: NOAA MPE Analysis
<https://water.weather.gov/precip/>

Max 1-day Precipitation (in.): 2025-06-15 to 2025-07-01



This map shows greatest one day rainfall total so far during the Monsoon season. Courtesy of Climate Assessment for the Southwest.



THE UNIVERSITY OF ARIZONA
Cooperative Extension

Plot created: 2025-07-01
The University of Arizona
<https://cals.arizona.edu/climate/>
Data Source: NOAA MPE Analysis
<https://water.weather.gov/precip/>

Temperature and precipitation outlook For July 2025

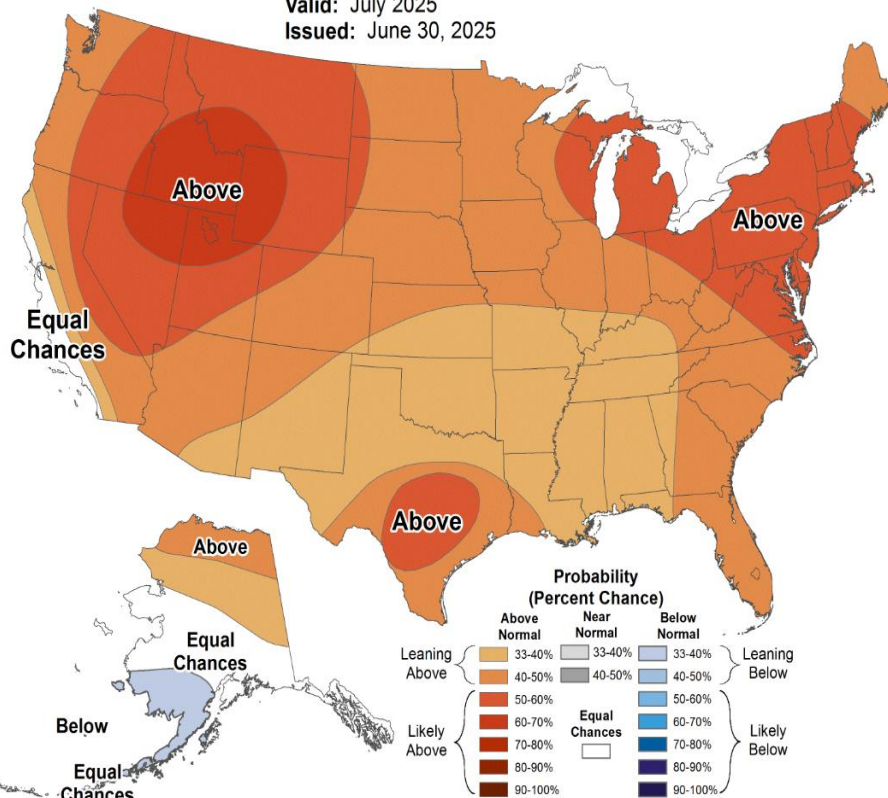
Temperature

Precipitation



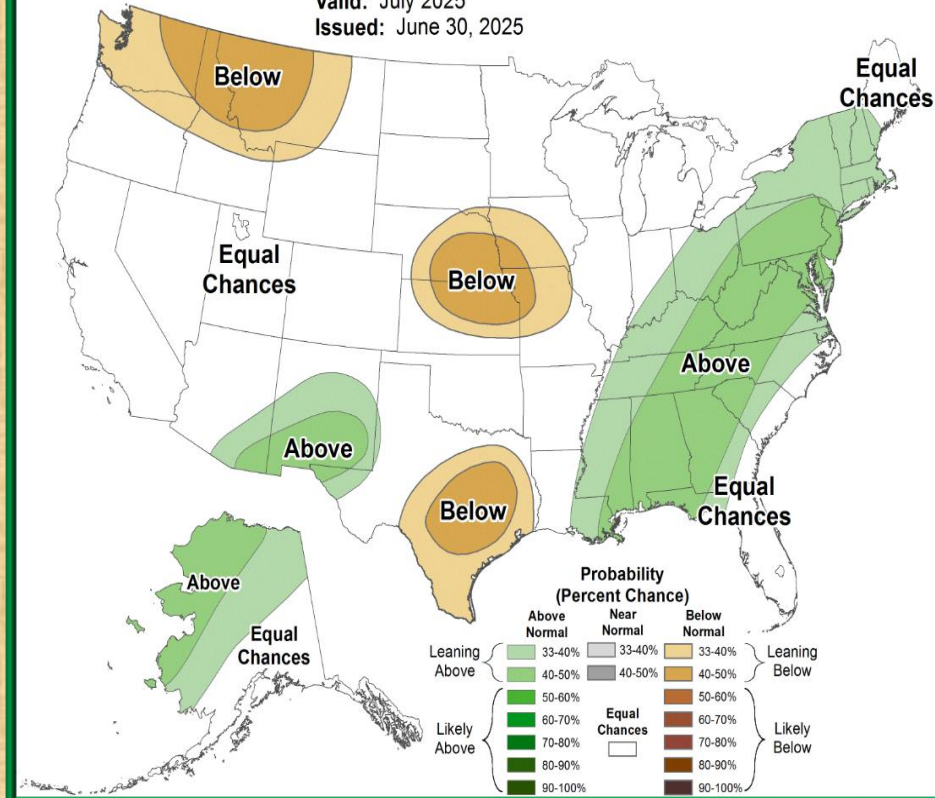
Monthly Temperature Outlook

Valid: July 2025
Issued: June 30, 2025



Monthly Precipitation Outlook

Valid: July 2025
Issued: June 30, 2025



Temperature and precipitation outlook for Jul-Sep 2025

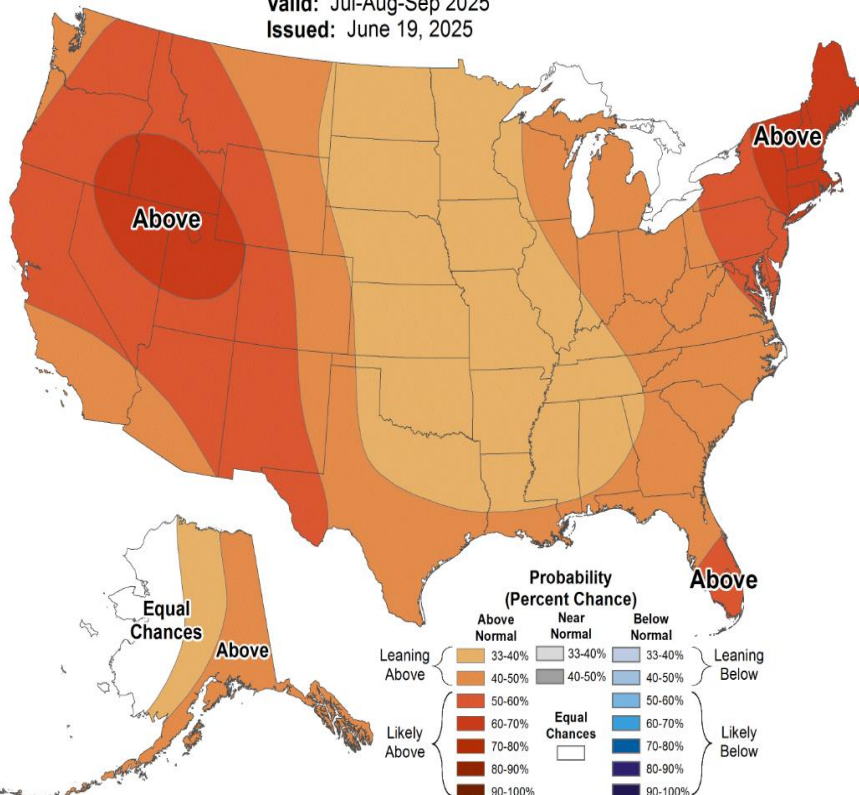
Temperature

Precipitation



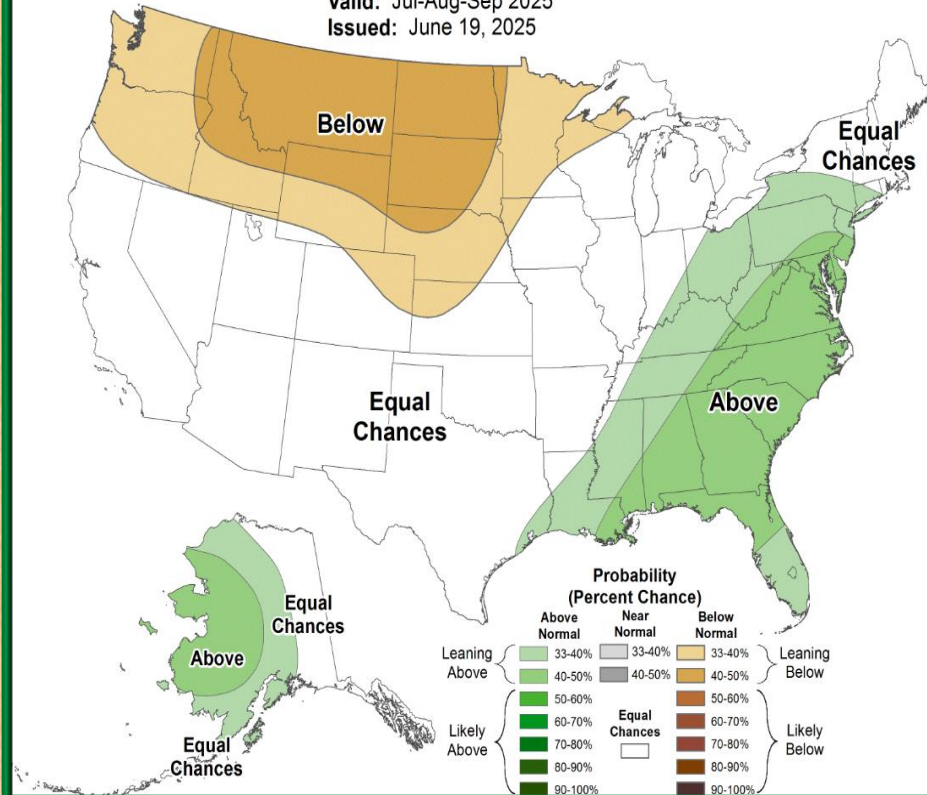
Seasonal Temperature Outlook

Valid: Jul-Aug-Sep 2025
Issued: June 19, 2025



Seasonal Precipitation Outlook

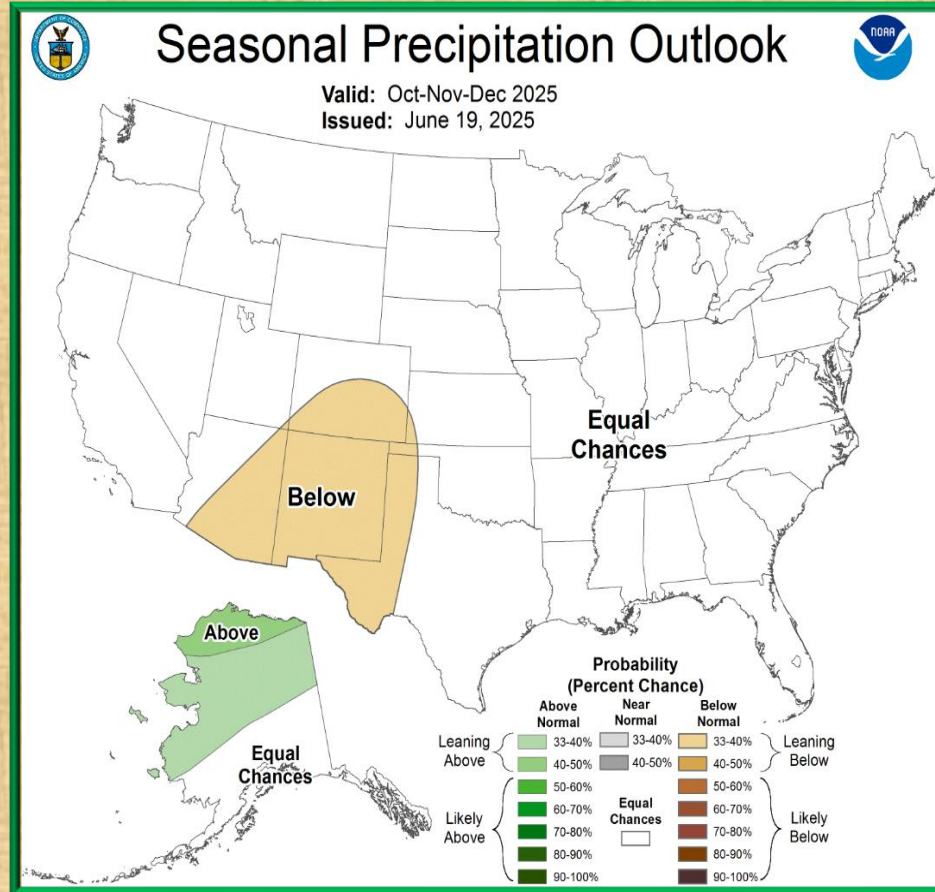
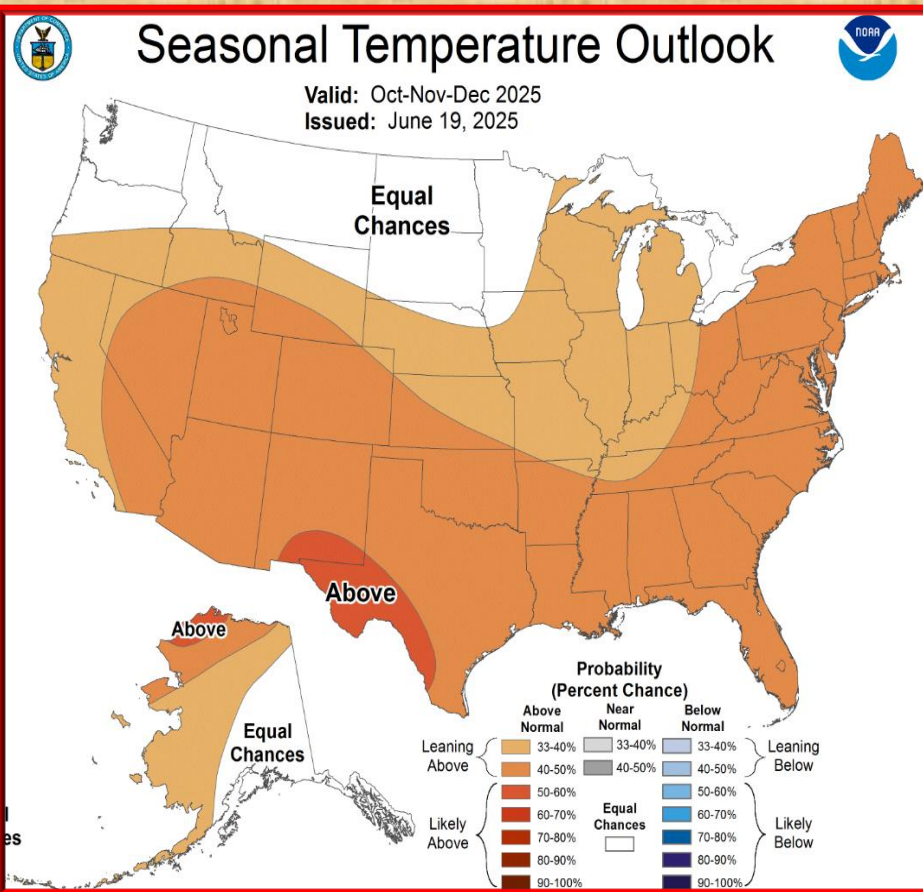
Valid: Jul-Aug-Sep 2025
Issued: June 19, 2025



Temperature and precipitation outlook for Oct-Dec 2025

Temperature

Precipitation

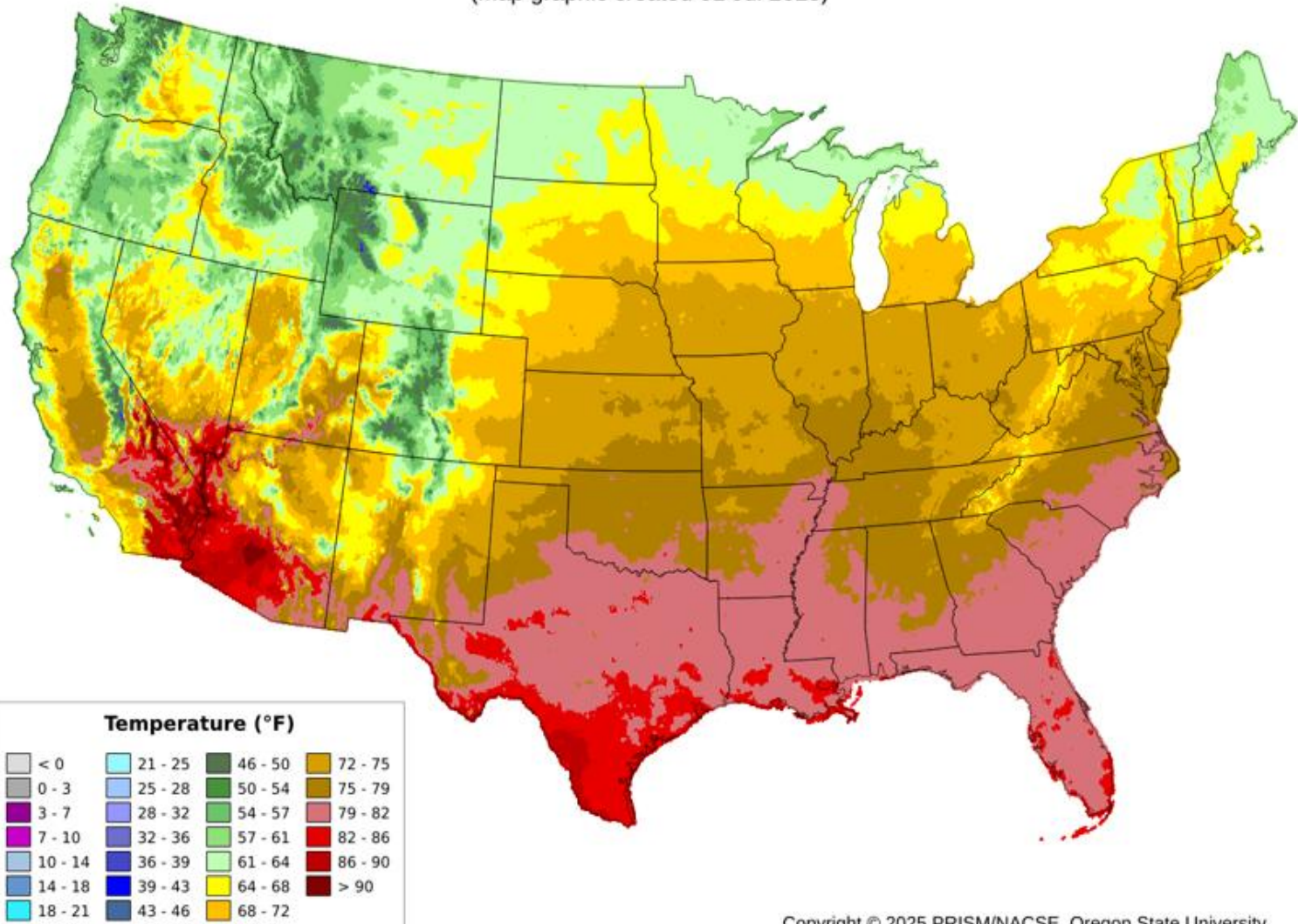


Average Daily Mean Temperature for June 2025

Average Daily Mean Temperature: 01 Jun 2025 - 30 Jun 2025

Period ending 7 AM EST 30 Jun 2025

(Map graphic created 01 Jul 2025)



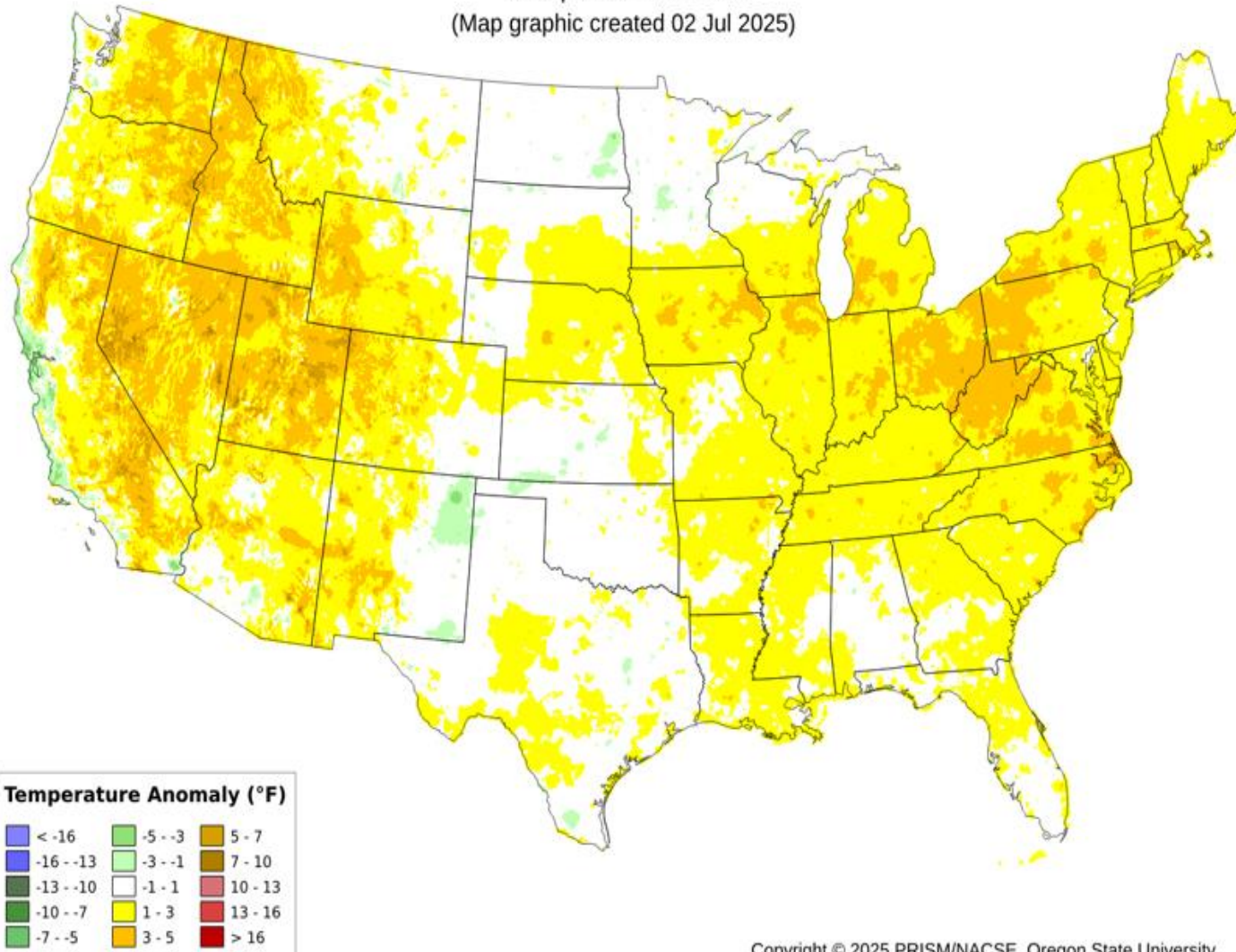
Daily Mean Temperature Departure from Normal, June 2025

Daily Mean Temperature Anomaly: Jun 2025

Period ending 7 AM EST 30 Jun 2025

Base period: 1991-2020

(Map graphic created 02 Jul 2025)

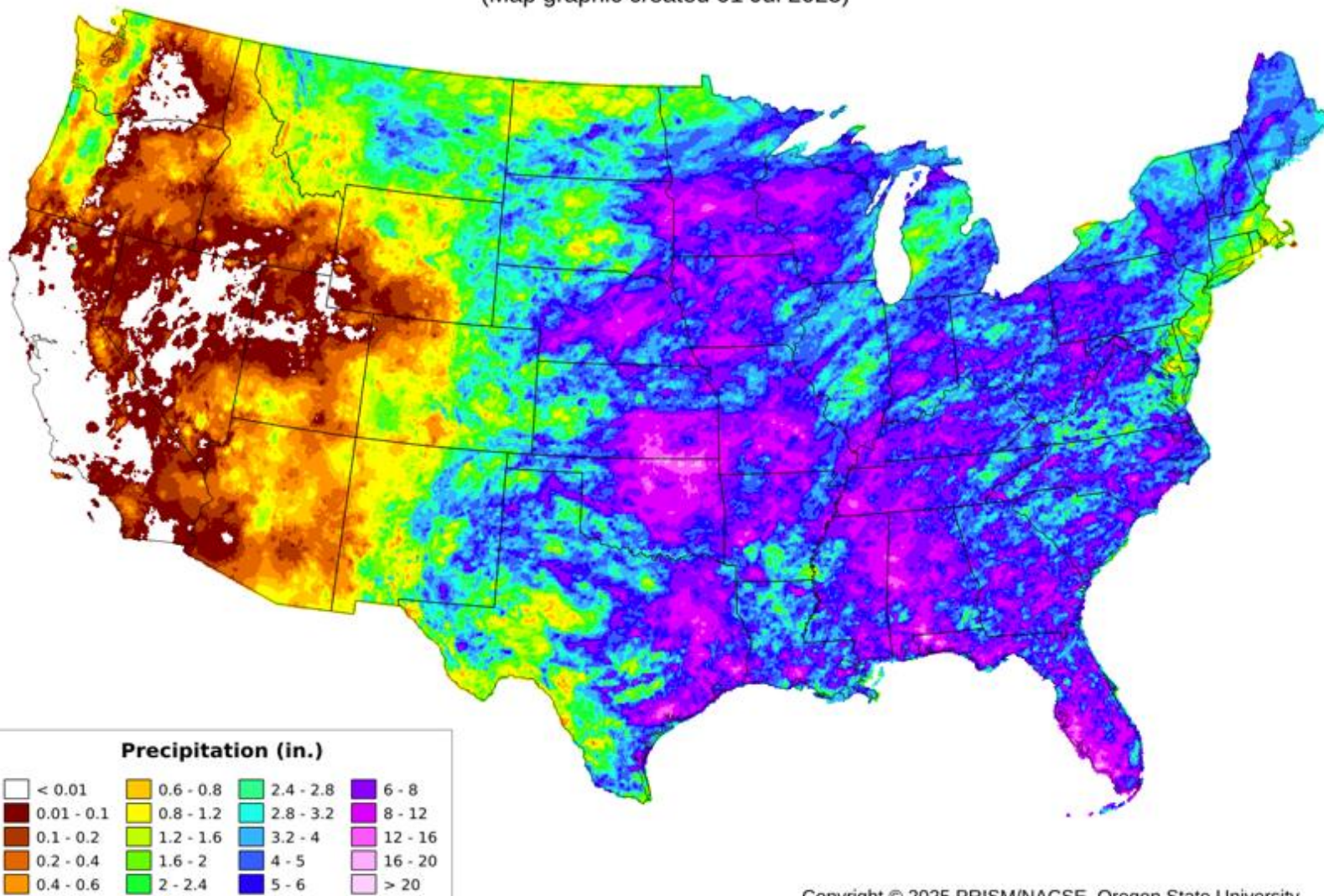


Total Precipitation for June 2025

Total Precipitation: 01 Jun 2025 - 30 Jun 2025

Period ending 7 AM EST 30 Jun 2025

(Map graphic created 01 Jul 2025)



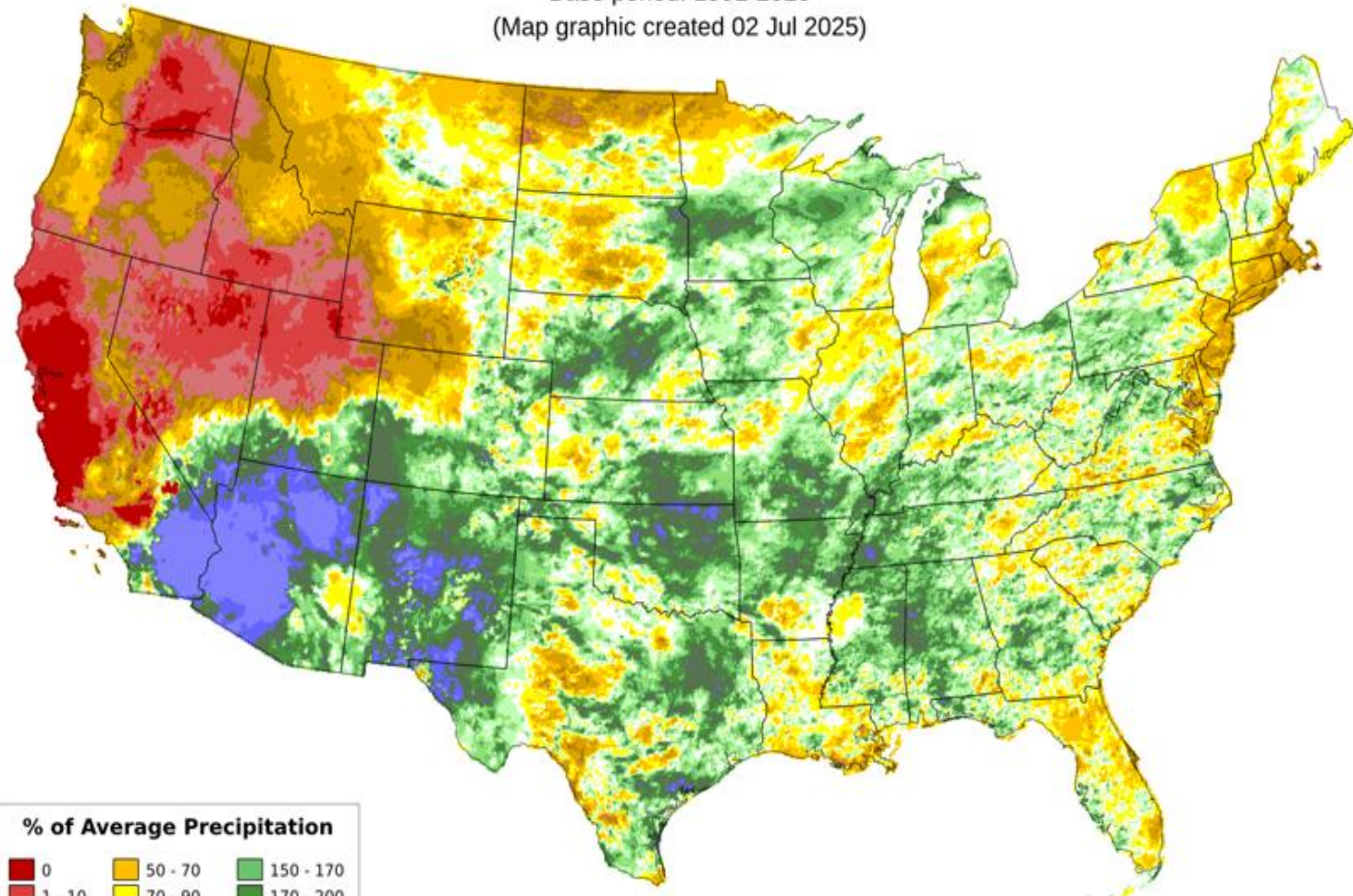
Percent of Normal Precipitation for June 2025

Total Precipitation Anomaly: Jun 2025

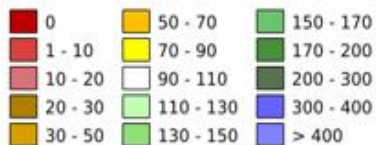
Period ending 7 AM EST 30 Jun 2025

Base period: 1991-2020

(Map graphic created 02 Jul 2025)



% of Average Precipitation



Selected Weather Reports June 2025

Date/Time	Location (County)	Event
JUNE 27 700 AM	HOPE 25SW-OTERO	6.89" 5 DAY TOTAL RAIN
JUNE 27 1100 AM	TIMBERON-OTERO	3.73" 5 DAY TOTAL RAIN
JUNE 27 1015 AM	CANUTILLO-EL PASO	3.35" 5 DAY TOTAL RAIN
JUNE 27 700 AM	MAYHILL-OTERO	3.28" 5 DAY TOTAL RAIN
JUNE 27 628 AM	BAYARD-GRANT	3.01" 5 DAY TOTAL RAIN
JUNE 27 700 AM	SUNSPOT-OTERO	2.94" 5 DAY TOTAL RAIN
JUNE 27 600 AM	CLOUDCROFT 4E-OTERO	2.52" 5 DAY TOTAL RAIN
JUNE 27 1026 AM	DRIPPING SPRINGS-DONA ANA	2.29" 5 DAY TOTAL RAIN
JUNE 27 700 AM	EL PASO 6N-EL PASO	2.27" 5 DAY TOTAL RAIN
JUNE 27 600 AM	SILVER CITY 2E-GRANT	1.88" 5 DAY TOTAL RAIN
JUNE 27 700 AM	LAS CRUCES 9NE-DONA ANA	1.75" 5 DAY TOTAL RAIN
JUNE 27 700 AM	HILLSBORO-SIERRA	1.67" 5 DAY TOTAL RAIN

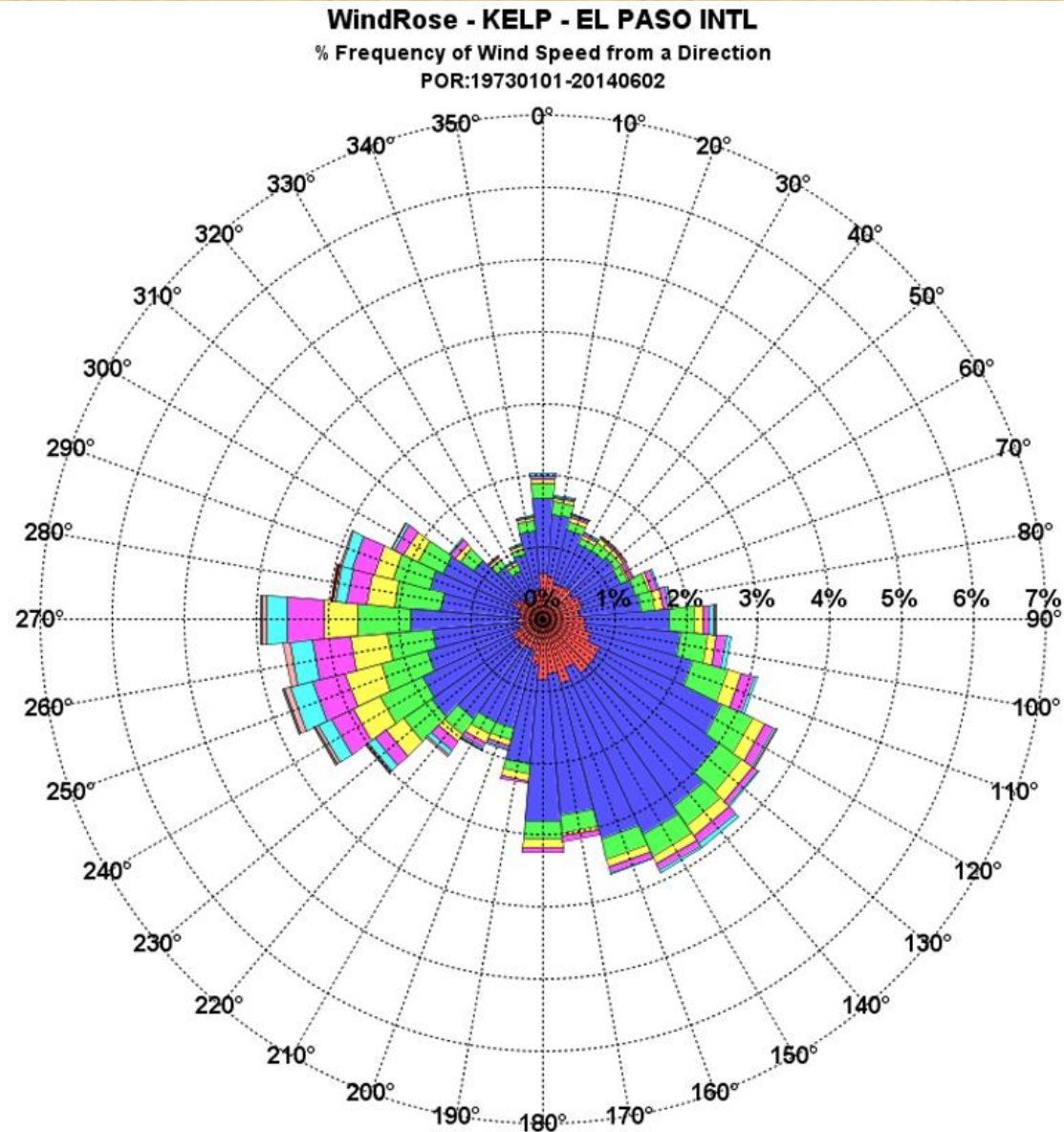
Selected Weather Reports June 2025


Date/Time	Location (County)	Event
JUNE 30 640 PM	DEMING AIRPORT-LUNA	70 MPH TSTORM GUST
JUNE 30 925 PM	LORDSBURG PLAYA MP11-HIDALGO	59 MPH TSTORM GUST
JUNE 30 815 PM	SAN AUGUSTIN PASS-DONA ANA	58 MPH TSTORM GUST
JUNE 30 425 PM	T OR C AIRPORT-SIERRA	52 MPH TSTORM GUST
JUNE 30 826 PM	DRIPPING SPRINGS-DONA ANA	49 MPH TSTORM GUST
JUNE 30 225 PM	HOLLOMAN AFB-OTERO	46 MPH TSTORM GUST
JUNE 30 815 PM	LAS CRUCES AIRPORT-DONA ANA	44 MPH TSTORM GUST
JUNE 30 915 PM	SANTA TERESA AIRPORT-DONA ANA	39 MPH TSTORM GUST

Special Features

www.weather.gov/epz/elpwindrosedata

Month: JUNE
Calm: 8.00%
Variable: 3.55%





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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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Local forecast by "City, ST" or ZIP code

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Heavy Rain and Flash Flooding Possible Over Parts of the Eastern United States

Heavy rainfall is expected over portions of the eastern United States through Thursday. Flooding and flash flooding will be possible in some areas. Click the "Read More" link for excessive rainfall forecasts from the Weather Prediction Center. [Read More >](#)

NWS El Paso

[Weather.gov > El Paso, TX](#)


El Paso, TX
Weather Forecast Office

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Today

Wednesday

Warmer with a Few Afternoon Storms



Weather Forecast Office
El Paso, TX
September 27, 2016 4:43 PM

Heavy rain expected across the Mid-Atlantic region and central Appalachians.


Heavy rainfall is possible over portions of the eastern United States today, with the highest risk across the Mid-Atlantic and central Appalachians. Click the "Read More" link for excessive rainfall forecasts from the Weather Prediction Center. Afternoon showers and thunderstorms are possible over portions of the Southwest and southern Rockies through Friday. [Read More >](#)

Monthly Weather Digest

[Weather.gov > El Paso, TX > Monthly Weather Digest](#)

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Southern New Mexico and Far West Texas has a variety of weather from month to month. Conditions can range from extreme drought, to heavy flooding rains, from record breaking heat to bone chilling cold. Below you will find past weather highlights from the area that the NWS office in Santa Teresa NM covers. This area includes the following counties in New Mexico: Hudspeth, Grant, Luna, Sierra, Doña Ana and Otero and the following counties in Texas: El Paso and Hudspeth.

WEATHER DIGESTS AND BULLETINS

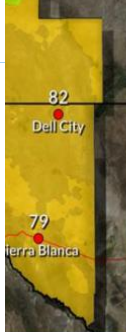
Weather Digest	Southwest Weather Bulletins
January	2005 Spring Fall
February	2006 Spring Fall
March	2007 Spring Fall
April	2008 Spring Fall
May	2009 Spring Fall
June	2010 Spring Fall
July	2011 Spring Fall
August	2012 Spring Fall
September	2013 Spring Fall
October	2014 Spring Fall
November	
December	

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Don't Forget-Current and past issues of our Weather Digest are available on our website at

www.weather.gov/epz/

Just click on “Local Programs>Weather Digest”, then choose which month’s Digest to view. Also, though discontinued, don’t forget to check out our back issues of Southwest Weather Bulletin.