

April 2025 Weather Digest



April 2025 Weather Summary

Often, either April or May becomes our transition month from windy and dry to our first thunderstorms of the year. April served that purpose this year. We still had plenty of wind and blowing dust, but we also had our first dry-line intrusions and the resultant thunderstorm. April also finished with near normal temperatures with most sites only 1 or 2 degrees above normal. The monthly high temperature at El Paso was 96°, which was also a daily record high temperature.

Several Pacific storms did move through the area. A powerful storm moved across the area on April 1-4, with very strong winds, considerable blowing dust, and isolated thunderstorms. The storm also brought some light snow to the mountains. Another strong storm rolled through on April 17-19, again with strong winds, considerable blowing dust, and up to 2-4 inches of snow over the Sacramento Mtns.

Speaking of precipitation, April turned out to be an extreme hit or miss affair. Many places east of the Rio Grande Valley doubled or tripled their average for the month. Meanwhile, west of the Rio Grande Valley precipitation was only about 10-50 percent of normal. Despite this eastern rainfall, the drought remains in extreme to exceptional status.

April 2025 Weather Summary

Looking ahead to May, we continue to see more daylight and warmer temperatures. At El Paso, the average high temperature on May 1 is 84°, warming to 94° on May 31. The record high temperature for the month at El Paso is 105°. Average daylight length on May 1 is 13 hours and 26 minutes, while on the May 31 daylength is 14 hours and 4 minutes. May is the last of our three driest months for most sites (March and April being the others). El Paso averages .43 of an inch for the month.

For you sky watchers, the May full moon is on May 12, and is commonly known as the Flower Moon. The New Moon occurs on May 26. There are no solar or lunar eclipses for May.

Apr 4 Storm over El Paso



Apr 5 Storm near Mangas



Apr 5 storm near Silver City



Apr 5 snow at Burro



Apr 5 snow east of Cloudcroft



Arp5 snow near Mayhill



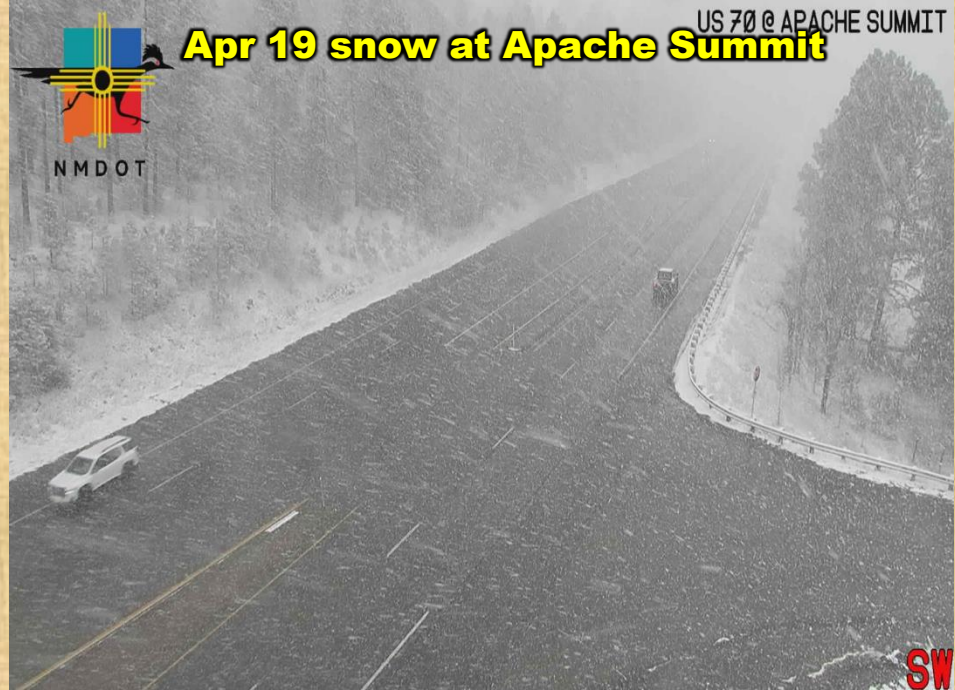
Apr 5 snow at Sixteen Springs



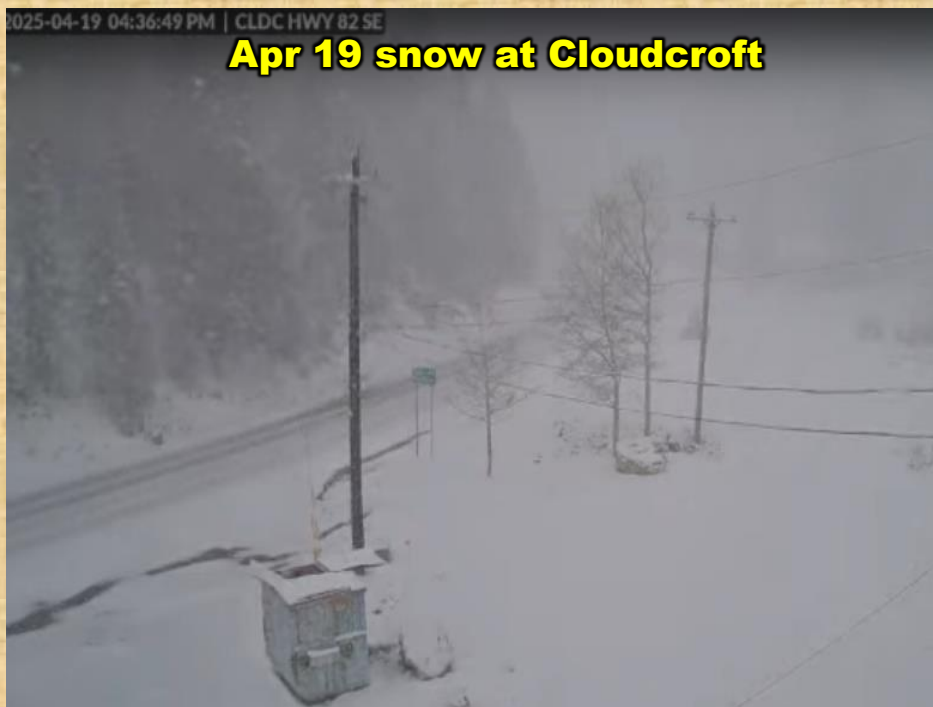
Apr 5 snow at Weed



**Apr 18 dust Hwy 62/180 near
Salt Flats**



Apr 19 snow at Cloudcroft



Apr 19 snow at Lake Mescalero



Apr 19 Storm near Deming



Apr 29 Boston Hill fire near Silver City



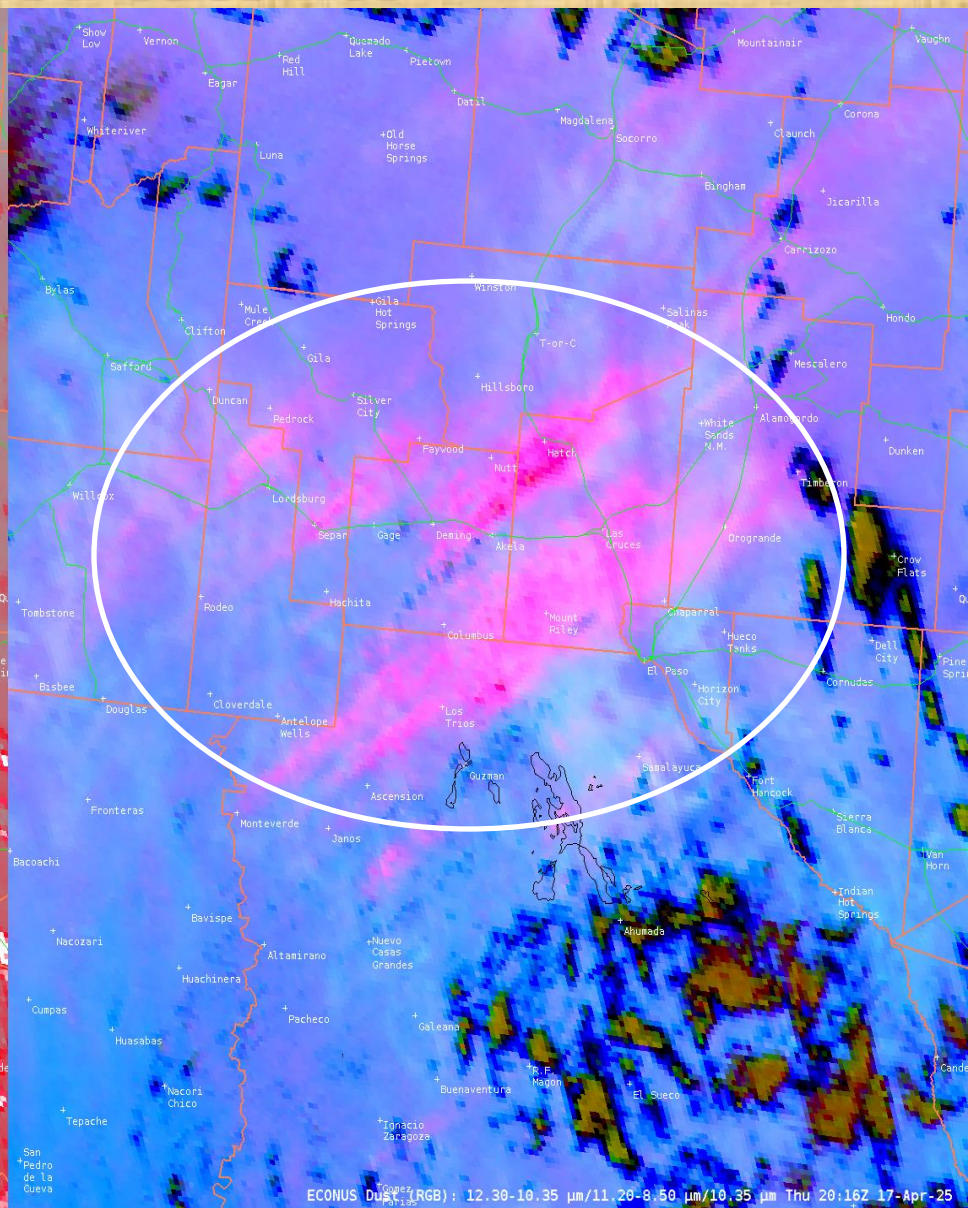
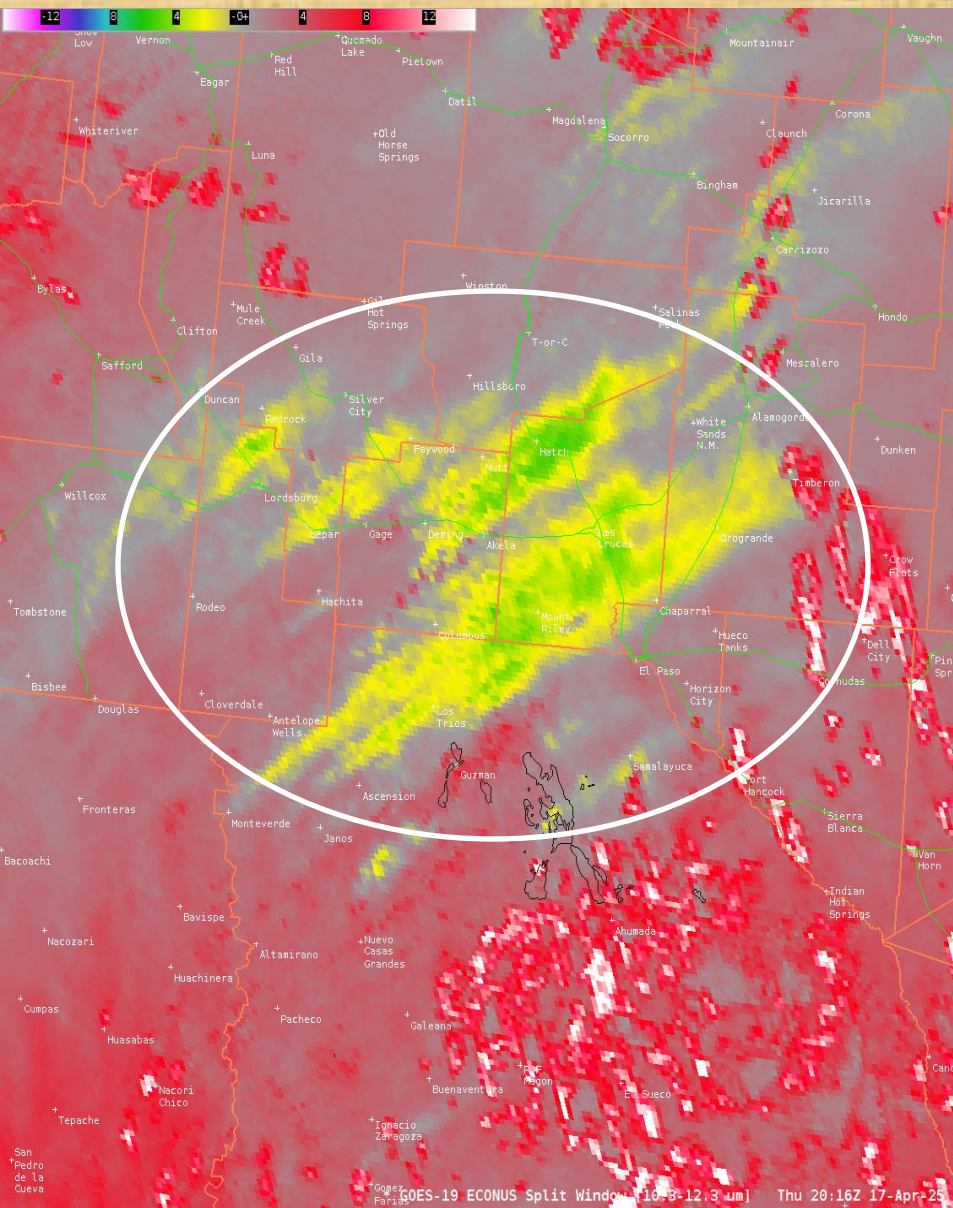
Apr 29 Boston Hill fire near Silver City



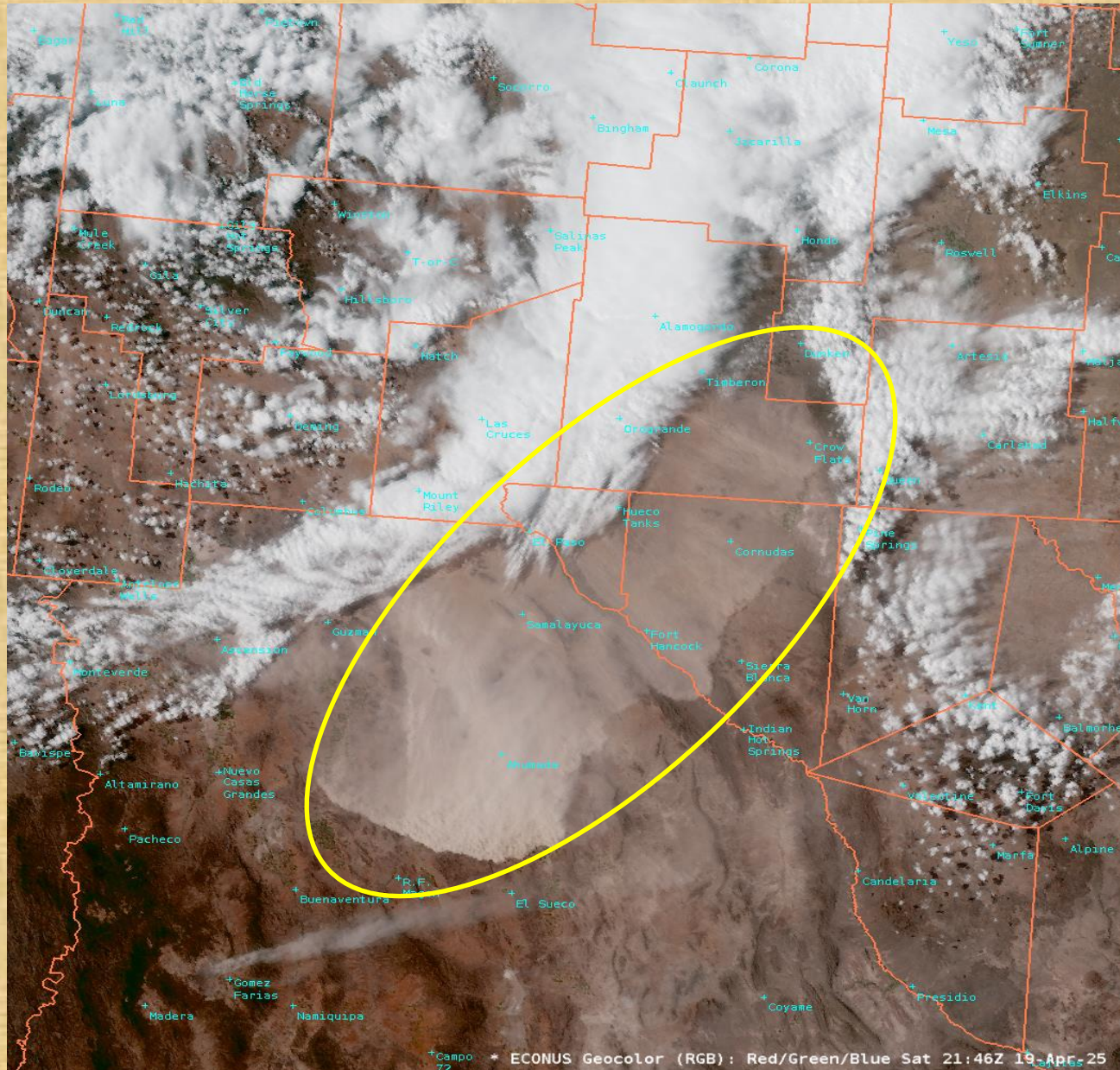
Apr 29 Boston Hill fire near Silver City



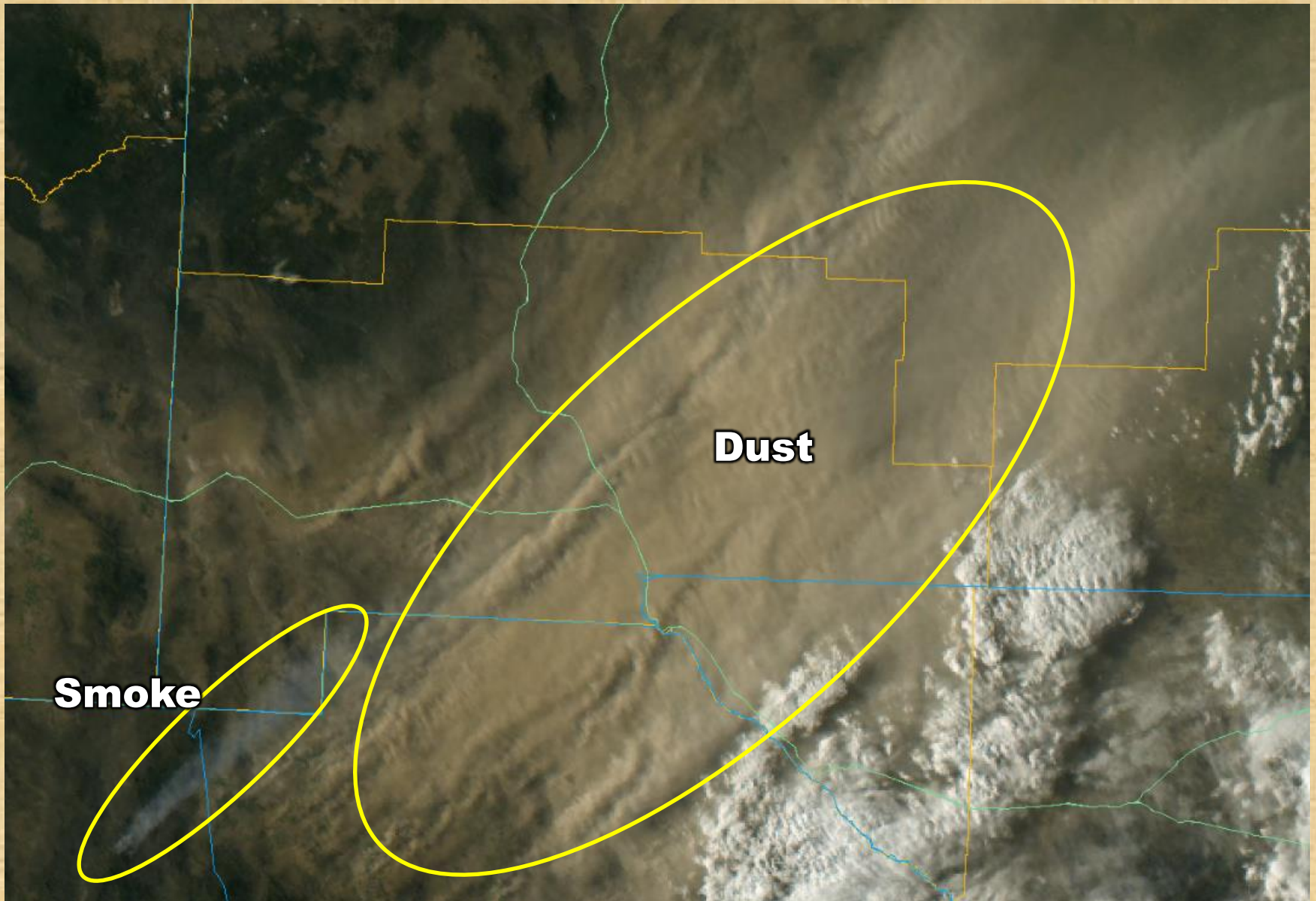
Apr 17 Blowing Dust event- Enhanced satellite



Apr 19 Blowing Dust event- Visible satellite



Apr 27 Blowing Dust event- Visible satellite



ENSO Alert System Status:

Final La Niña Advisory in effect

ENSO Alert System

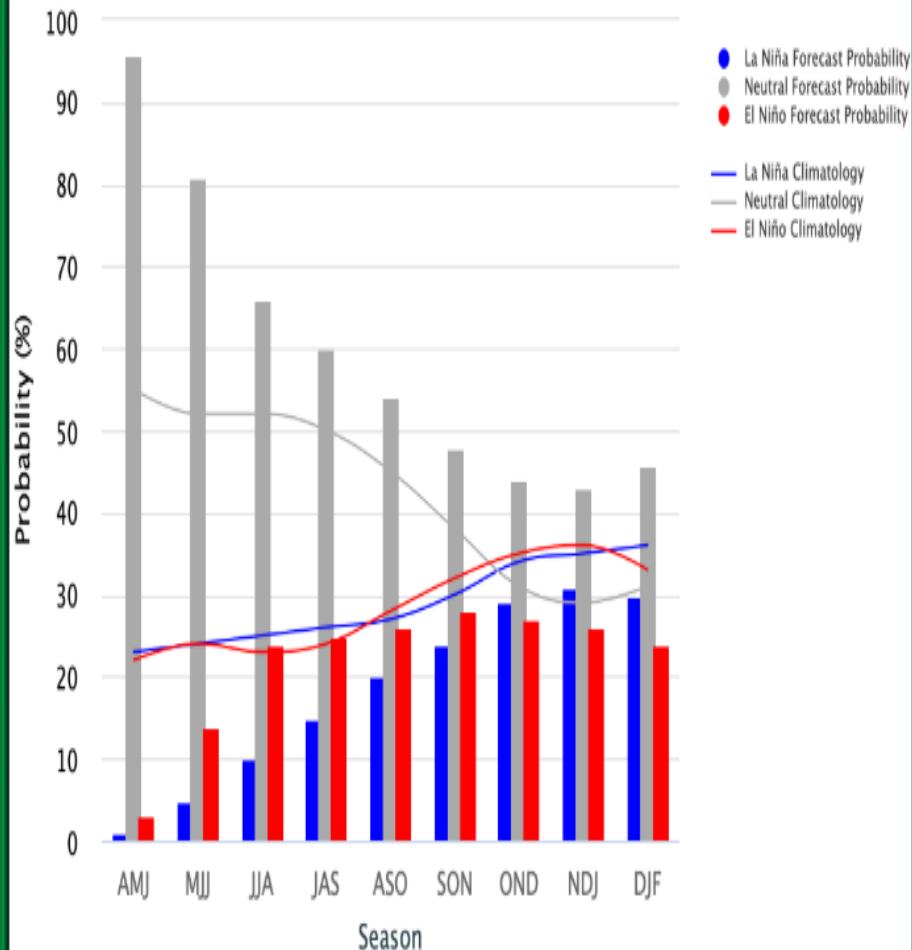
- **El Niño or La Niña Watch:** Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.
- **El Niño or La Niña Advisory:** Issued when El Niño or La Niña conditions are observed and expected to continue.

ENSO Forecast

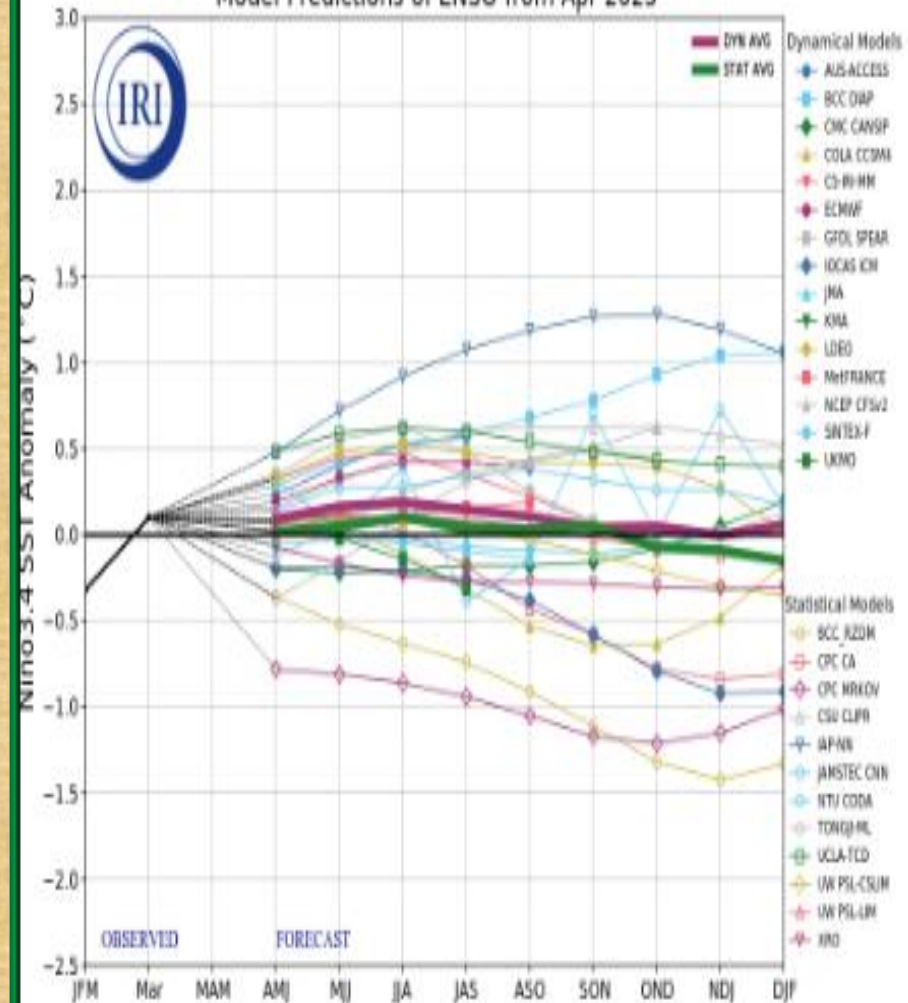
ENSO is currently in transition to neutral phase and likely to remain in neutral through at least the end of summer.

Mid-April 2025 IRI Model-Based Probabilistic ENSO Forecasts

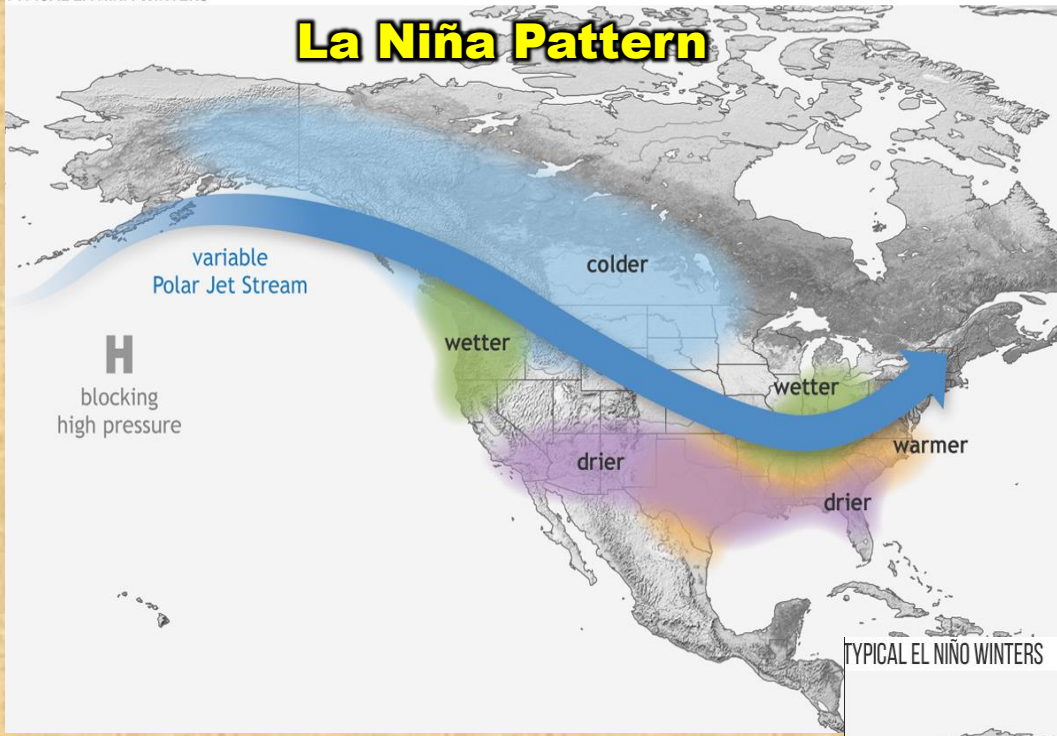
ENSO state based on NINO3.4 SST Anomaly Neutral ENSO: -0.5°C to 0.5°C



Model Predictions of ENSO from Apr 2025



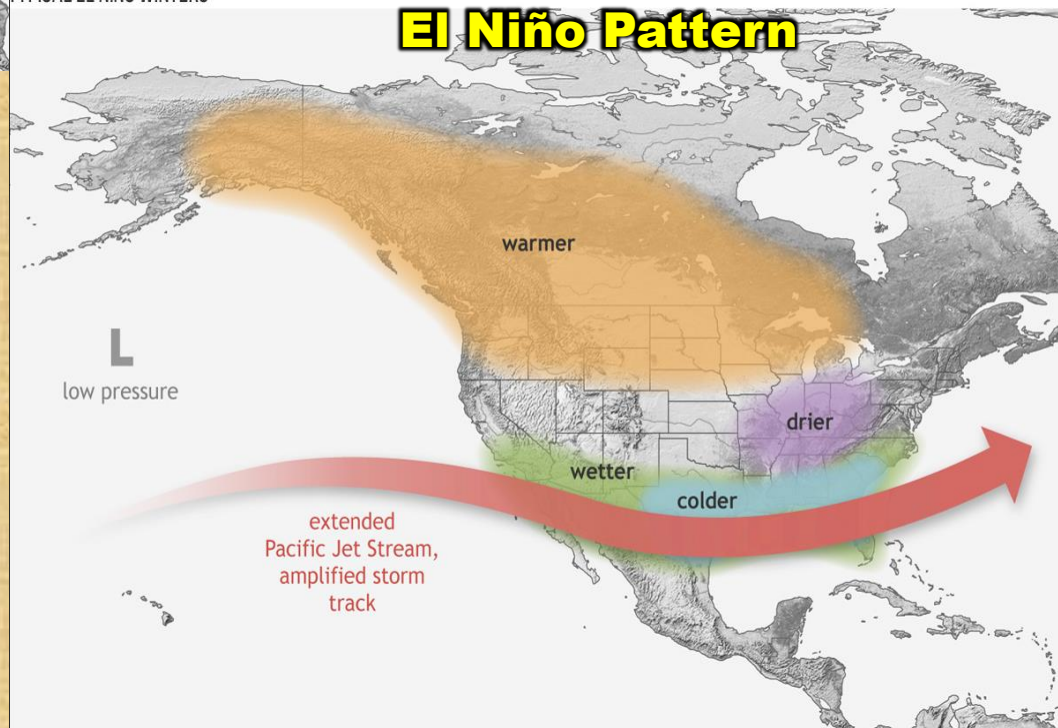
La Niña Pattern



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.

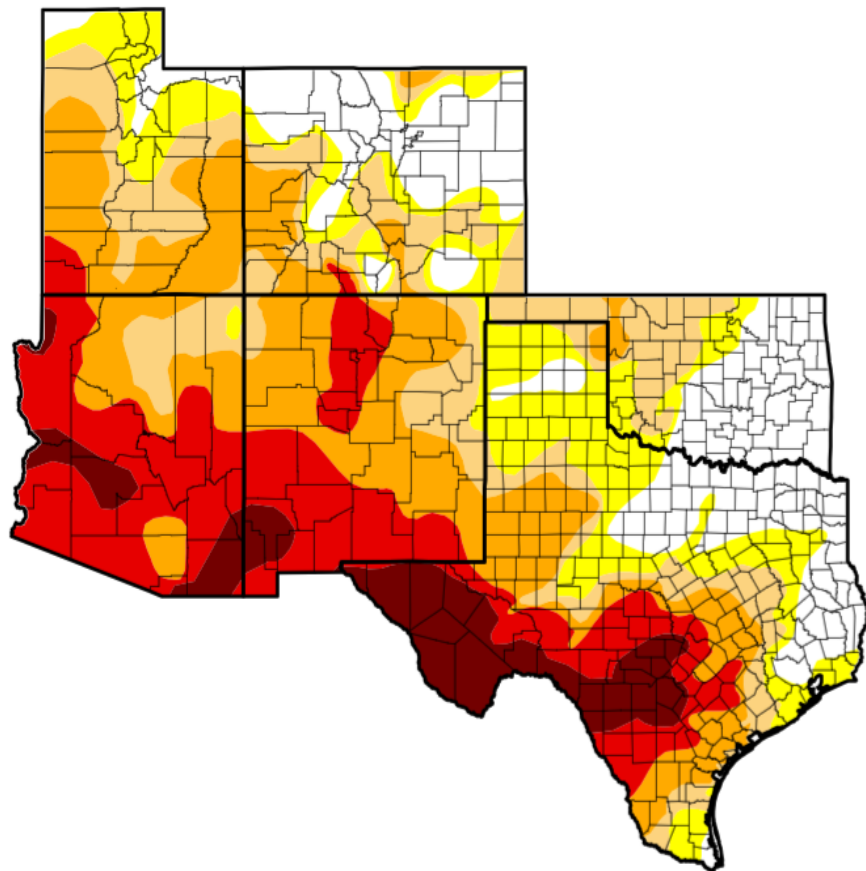
El Niño Pattern



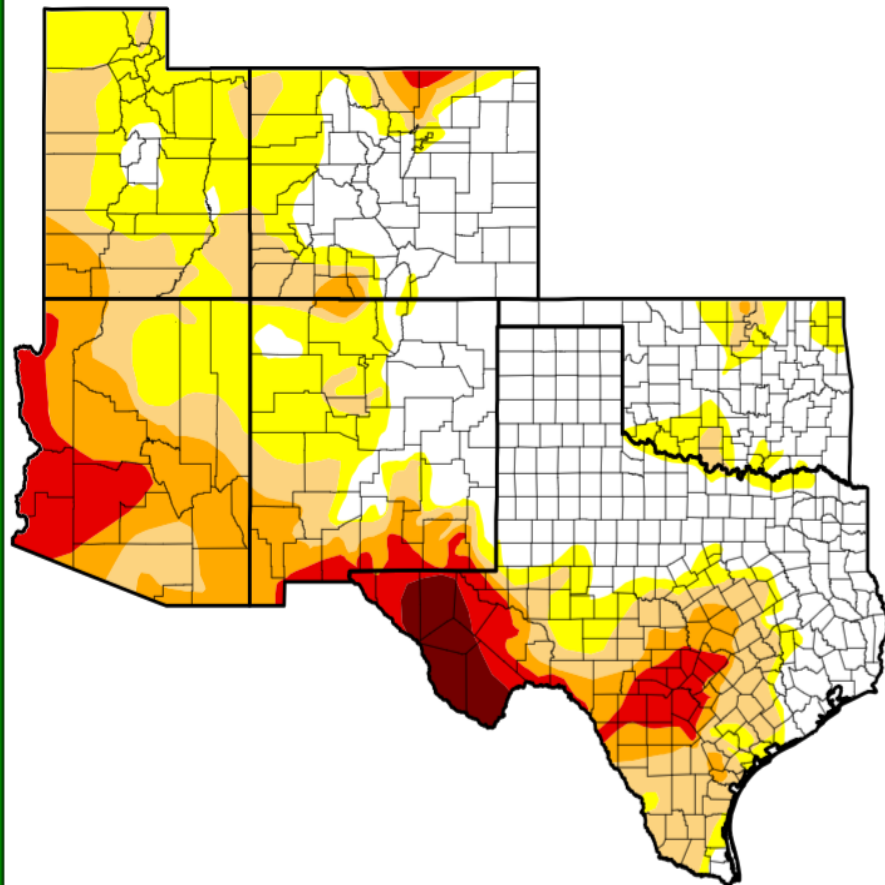
Current drought conditions and 3 month change

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

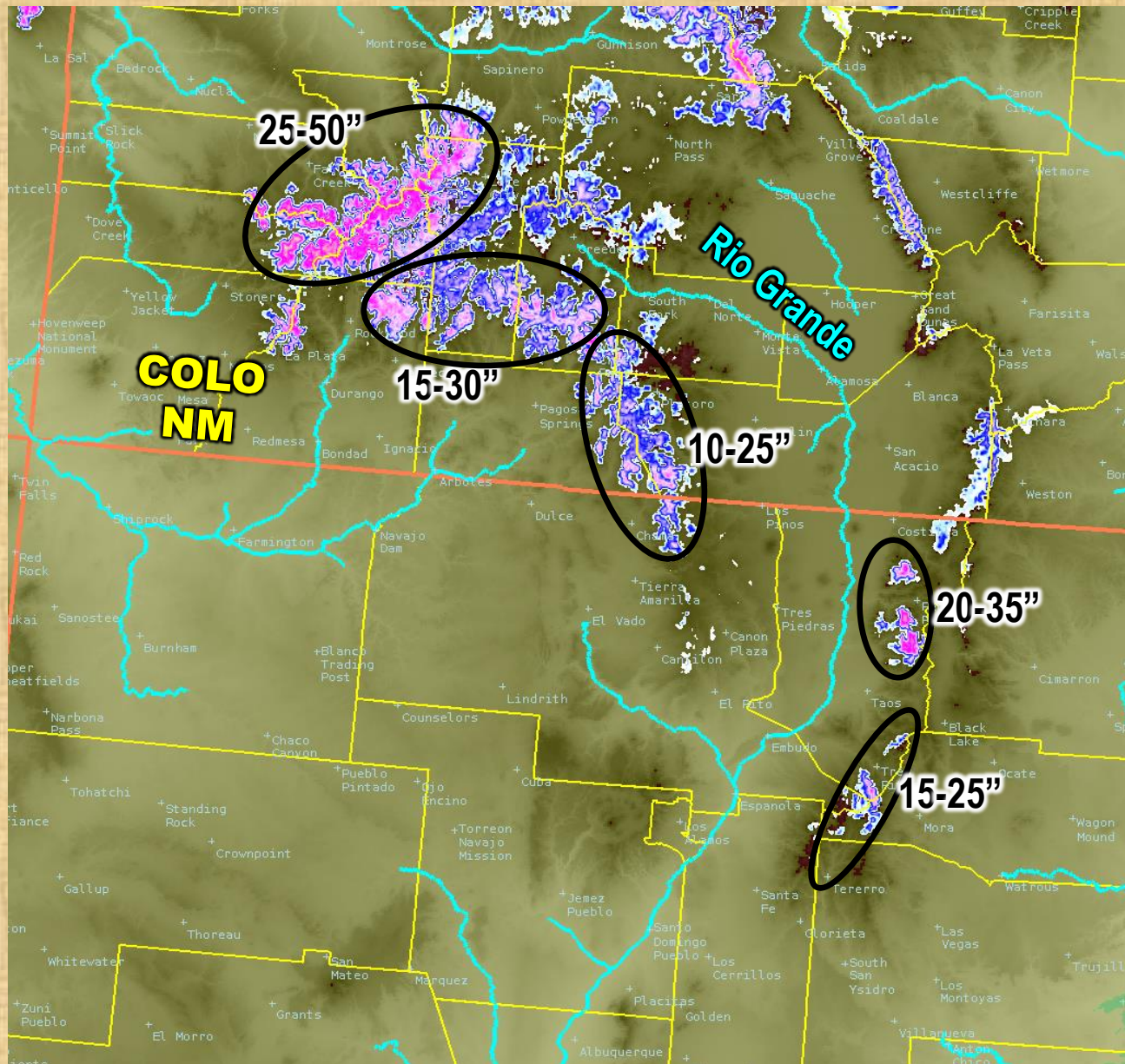
Apr 22, 2025



Jan 28, 2025

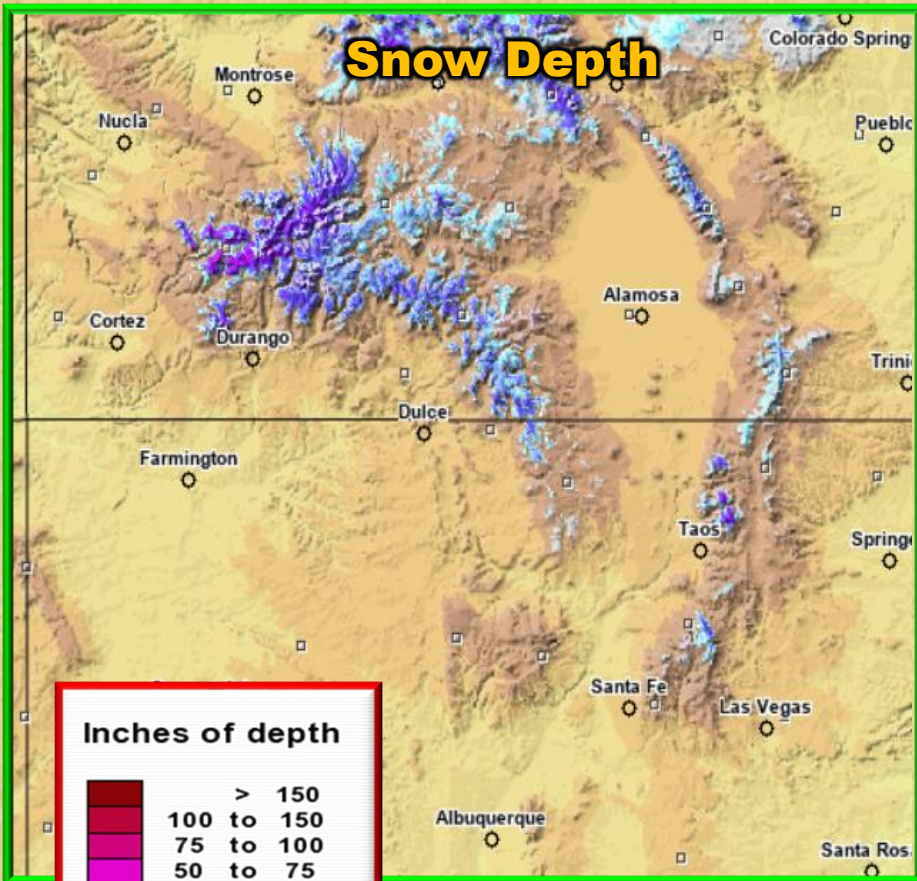


April 30, 2025 Snow Depth Upper Rio Grande Basin

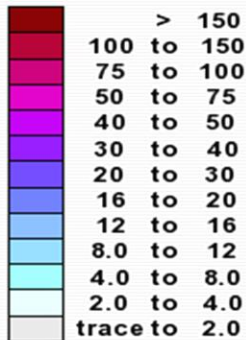


Snow Data Upper Rio Grande Basin as of April 30, 2025

Snow Depth

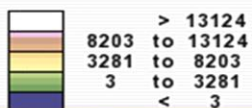


Inches of depth

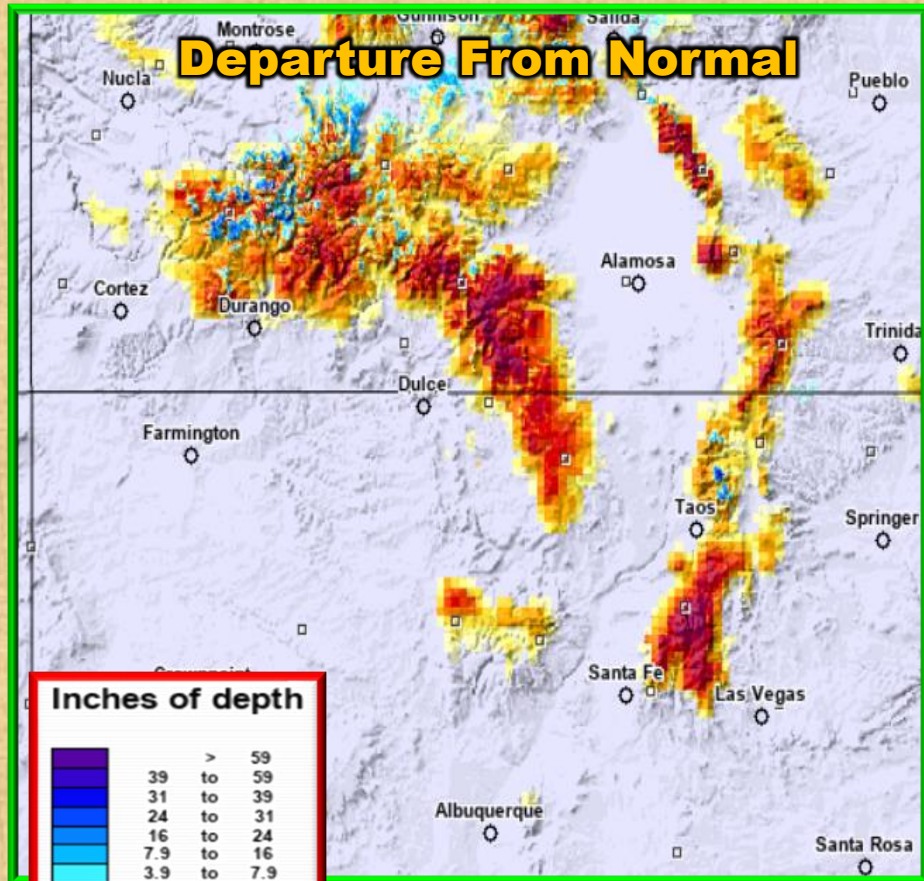


Not Estimated

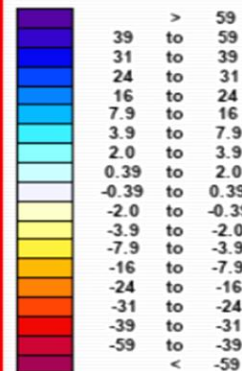
Elevation in feet



Departure From Normal

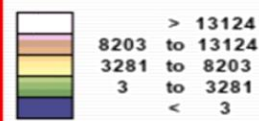


Inches of depth



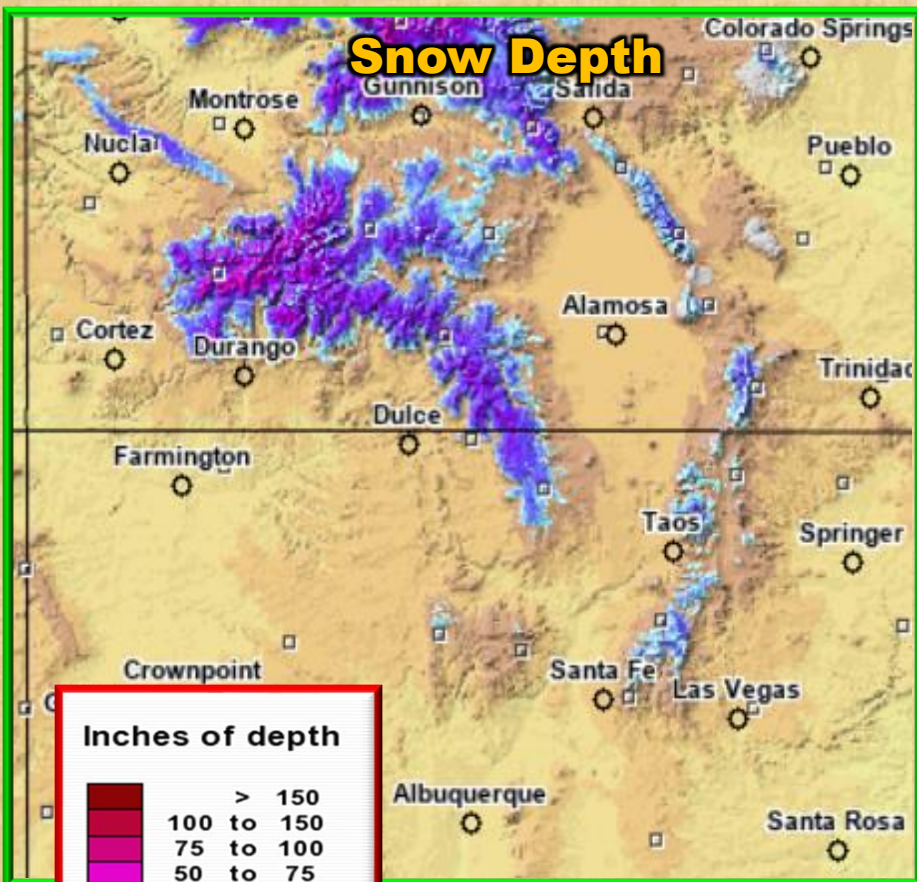
Not Estimated

Elevation in feet

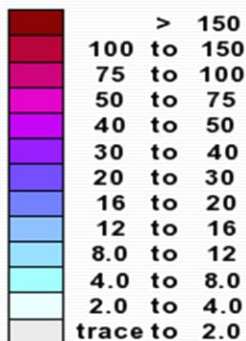


Snow Data Upper Rio Grande Basin as of Mar 31, 2025

Snow Depth

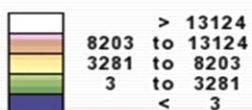


Inches of depth

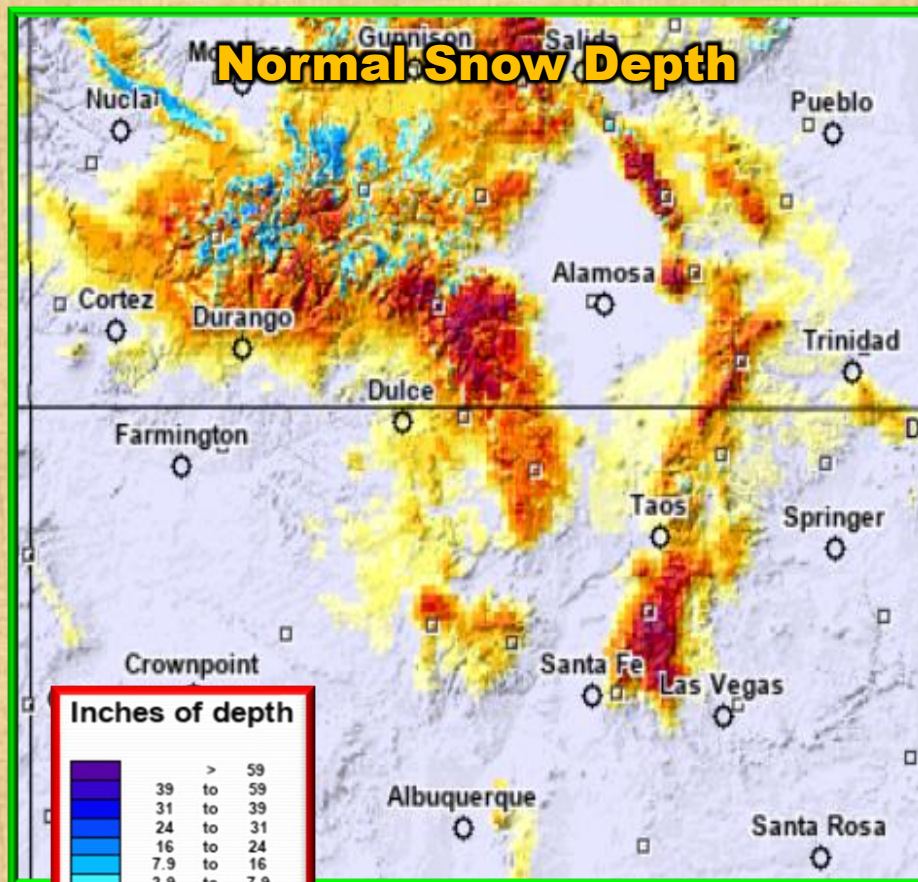


Not Estimated

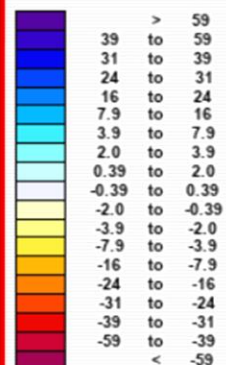
Elevation in feet



Normal Snow Depth

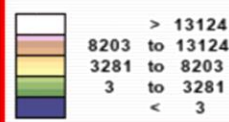


Inches of depth



Not Estimated

Elevation in feet



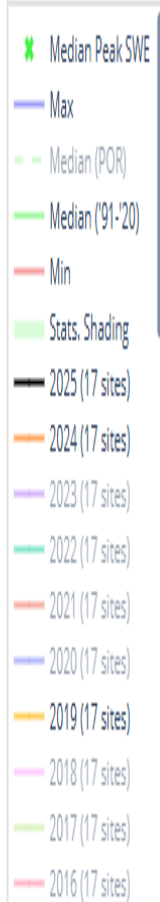
Snow Water Equivalent as of Apr 30, 2025

Compare to last few years and average values



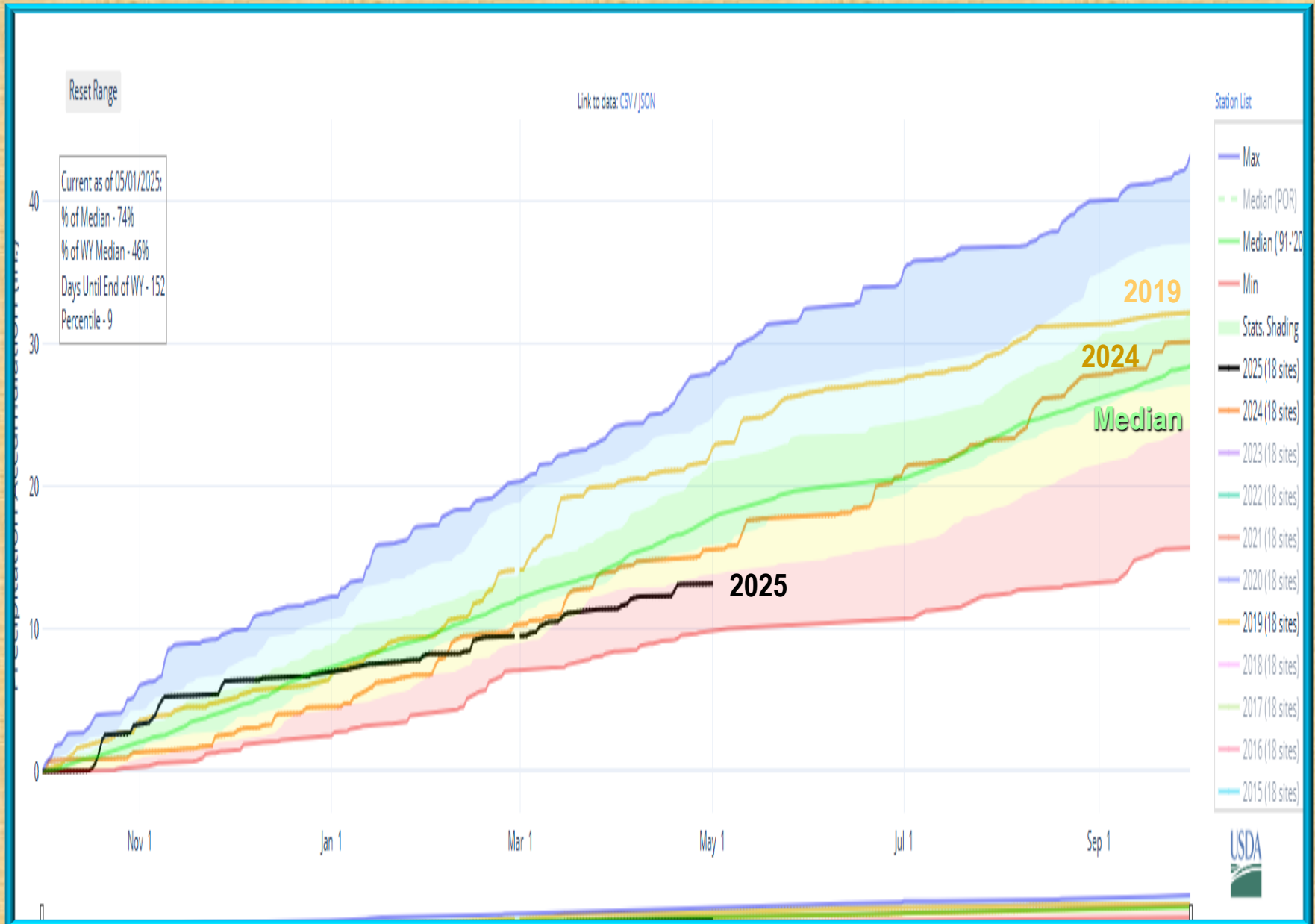
Current as of 05/01/2025:	
% of Median - 21%	
% Median Peak - 13%	
Days Since Median Peak - 28	
Percentile - 5	

Station List



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

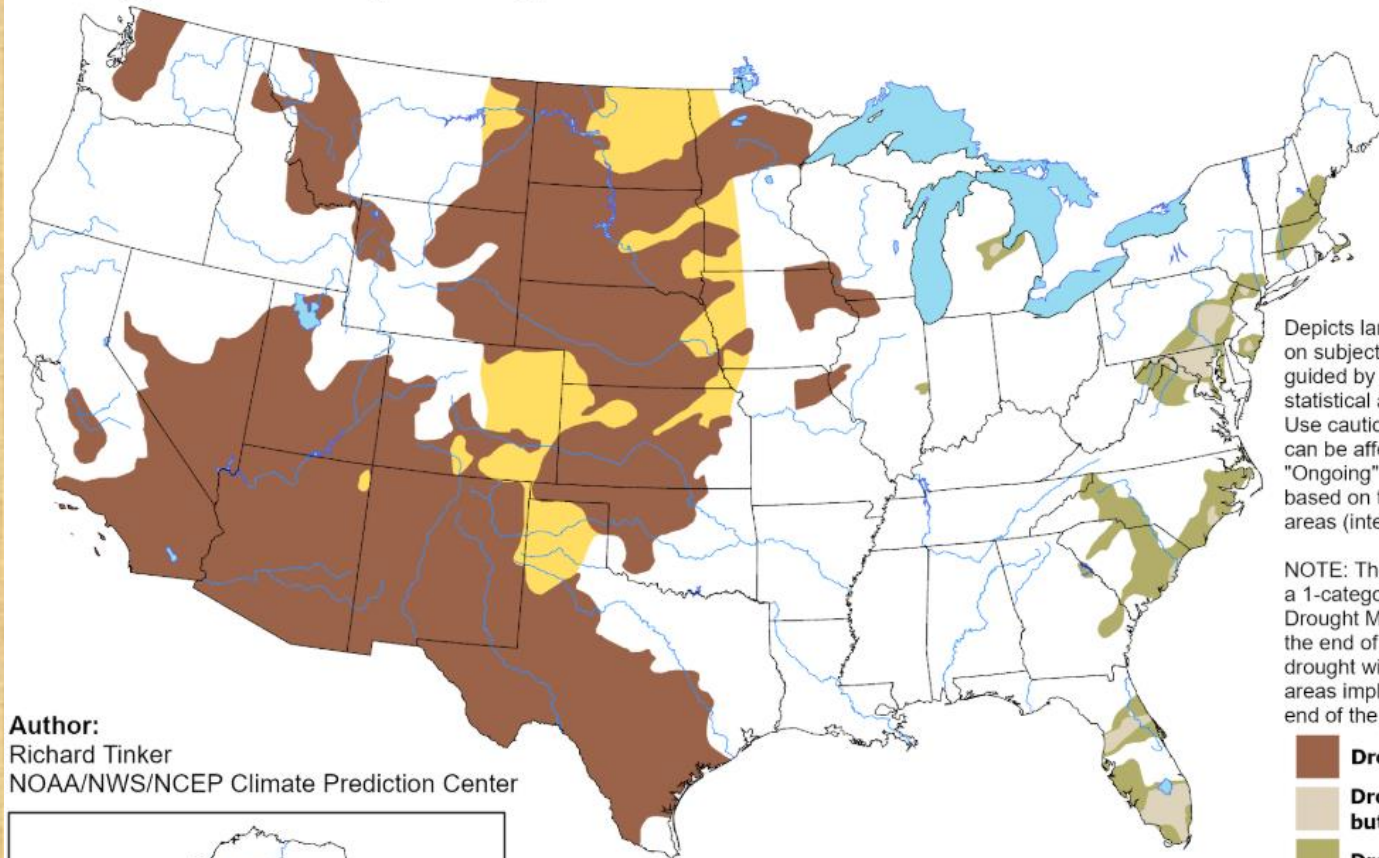
Compare to last few years and average values



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

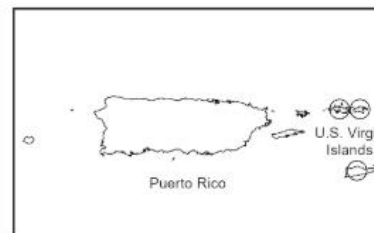
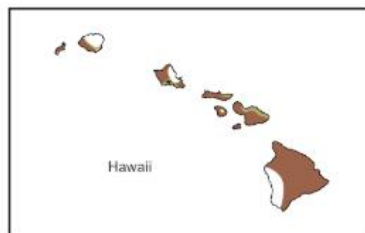
Valid for April 17 - July 31, 2025
Released April 17, 2025



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).

Author:
Richard Tinker
NOAA/NWS/NCEP Climate Prediction Center



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



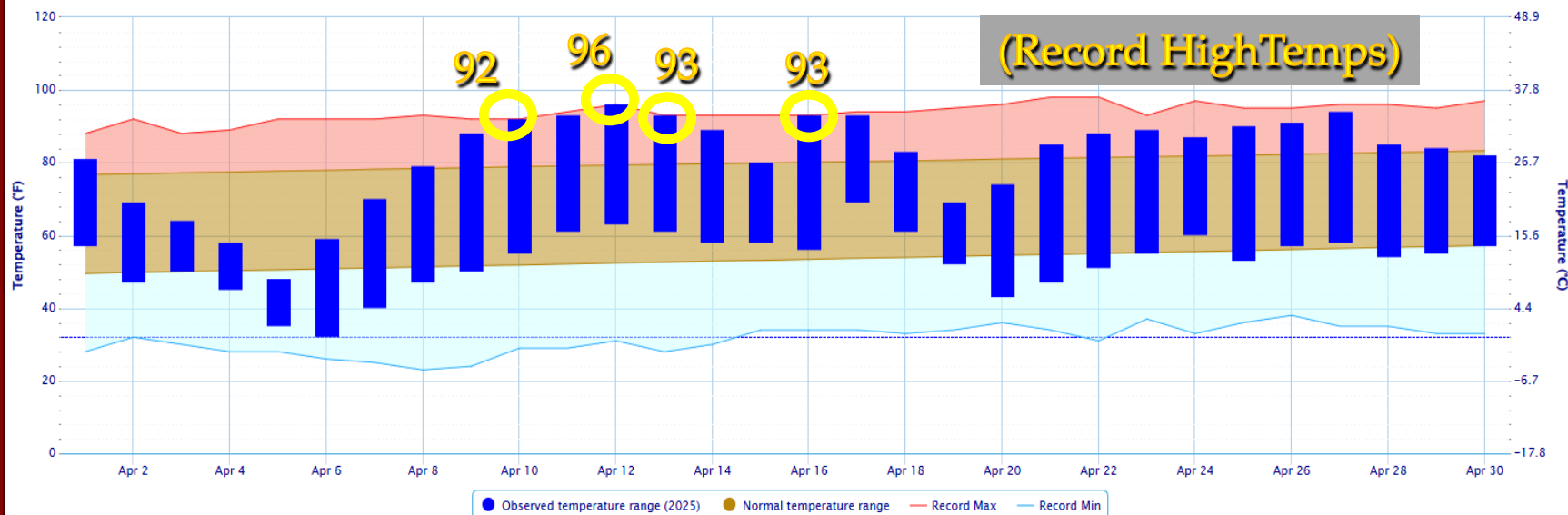
<https://go.usa.gov/3eZ73>

Temperature and precipitation data for April 2025 in El Paso

○ = record

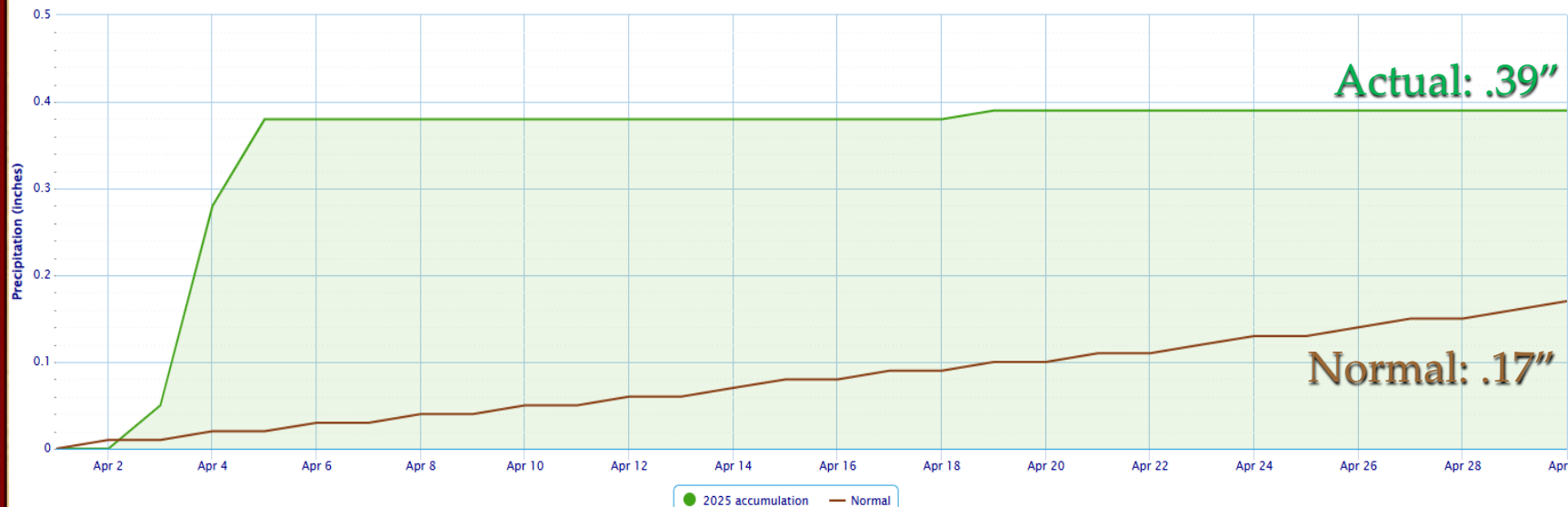
Daily Temperature Data - El Paso Area, TX (ThreadEx)

Period of Record - Max temperature: 1887-01-01 to 2025-04-30; Min temperature: 1879-01-01 to 2025-04-30. Normals period: 1991-2020. Click and drag to zoom chart.

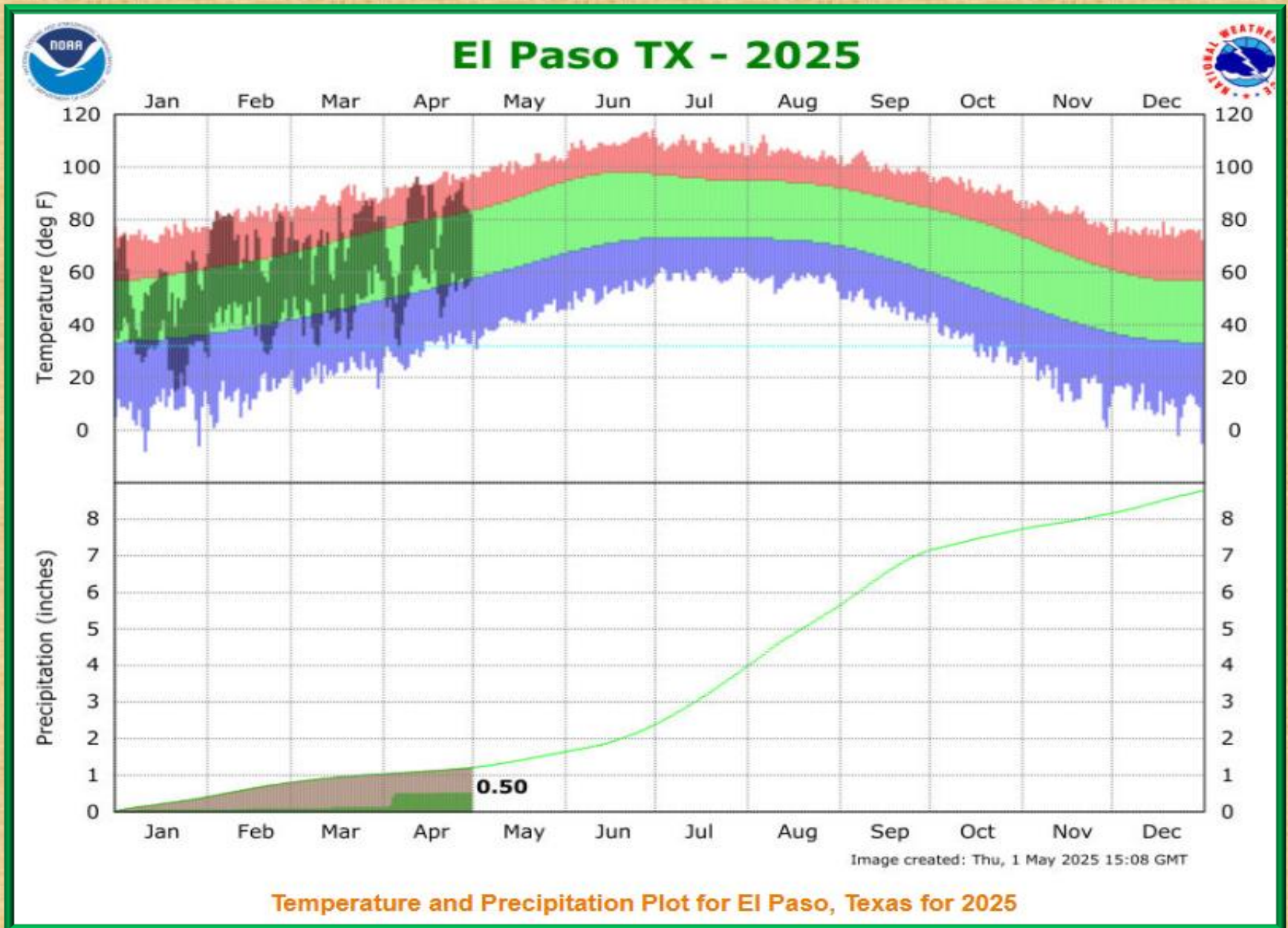


Accumulated Precipitation - El Paso Area, TX (ThreadEx)

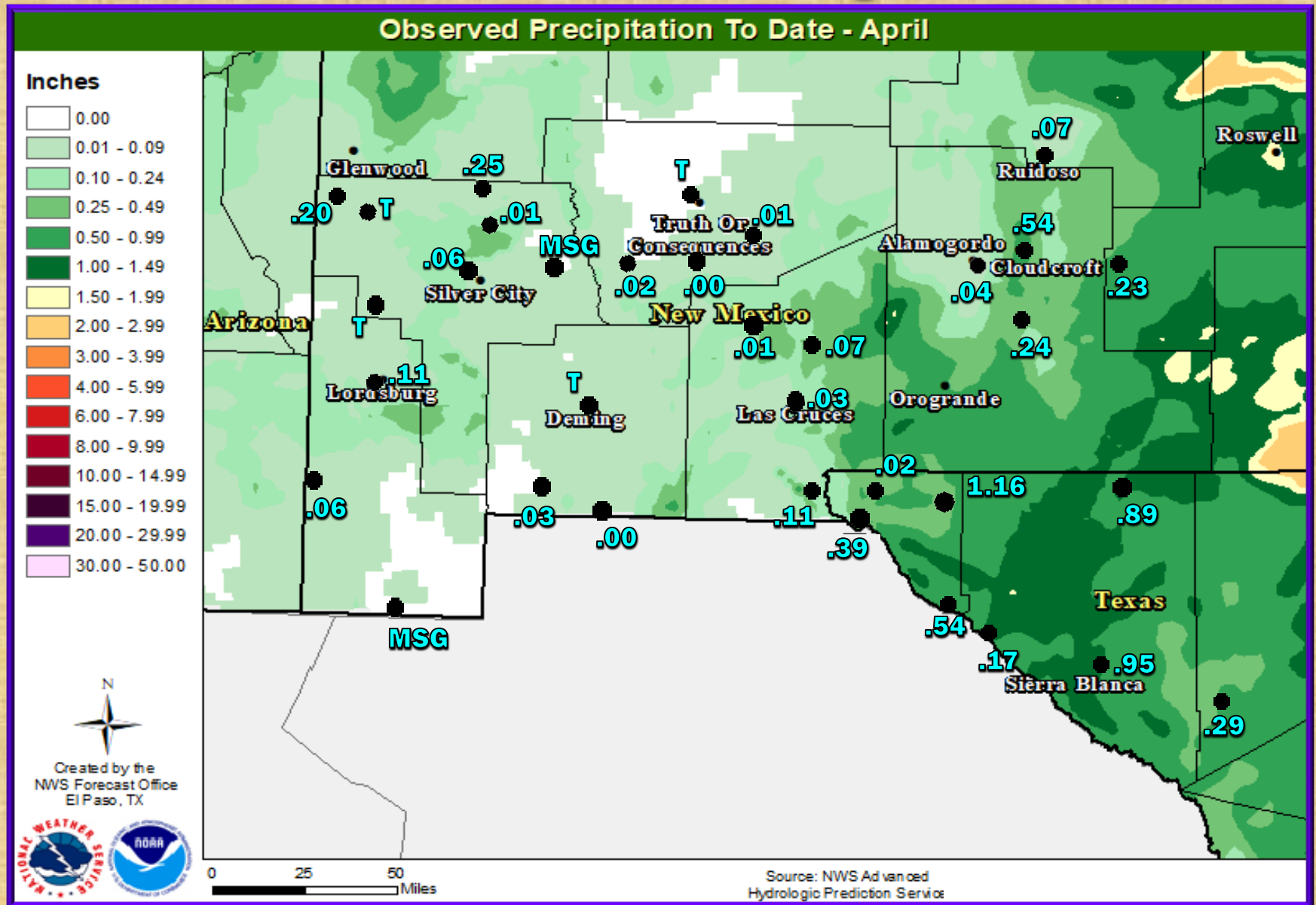
Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



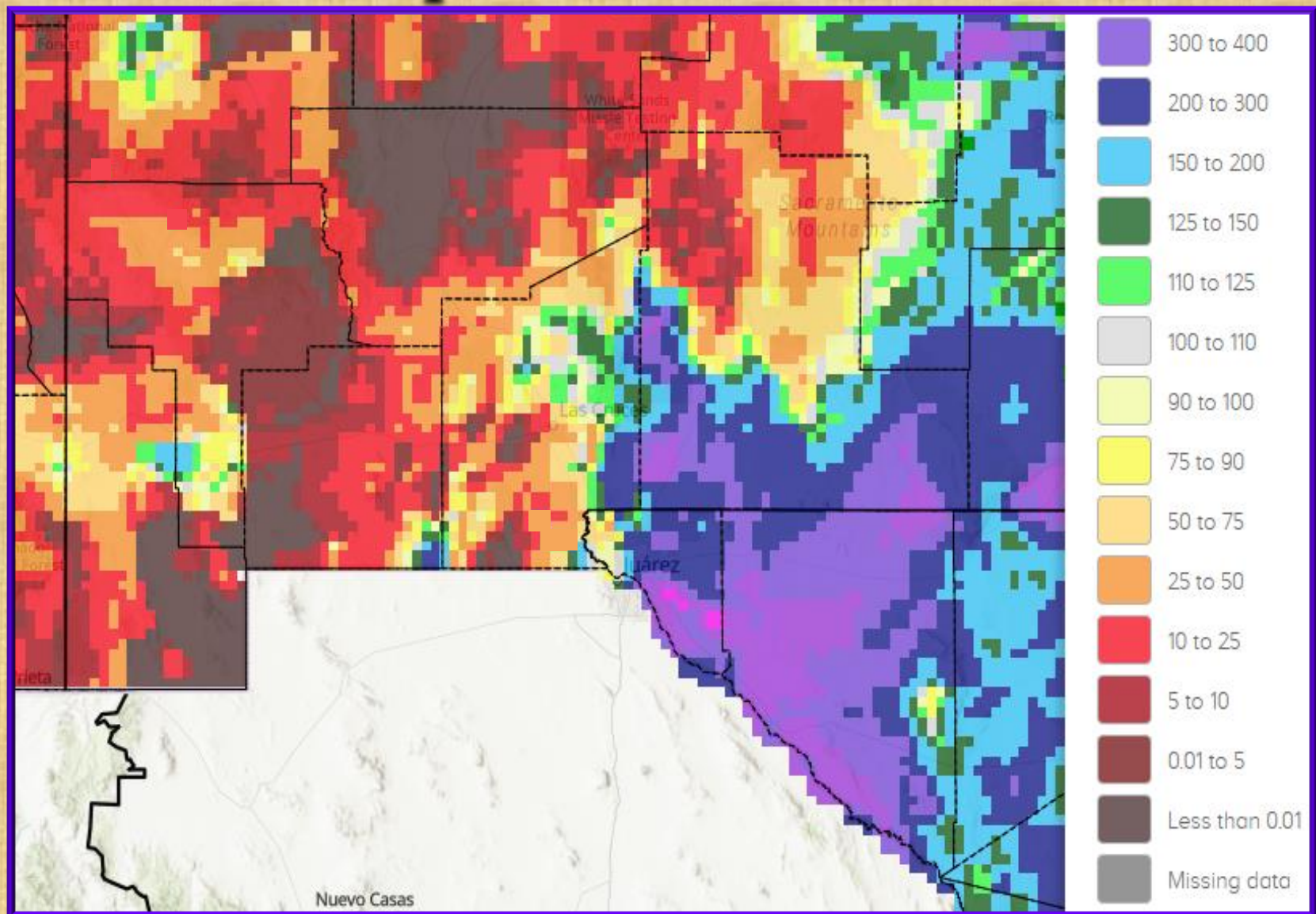
2025 Temperature and Precipitation through April El Paso



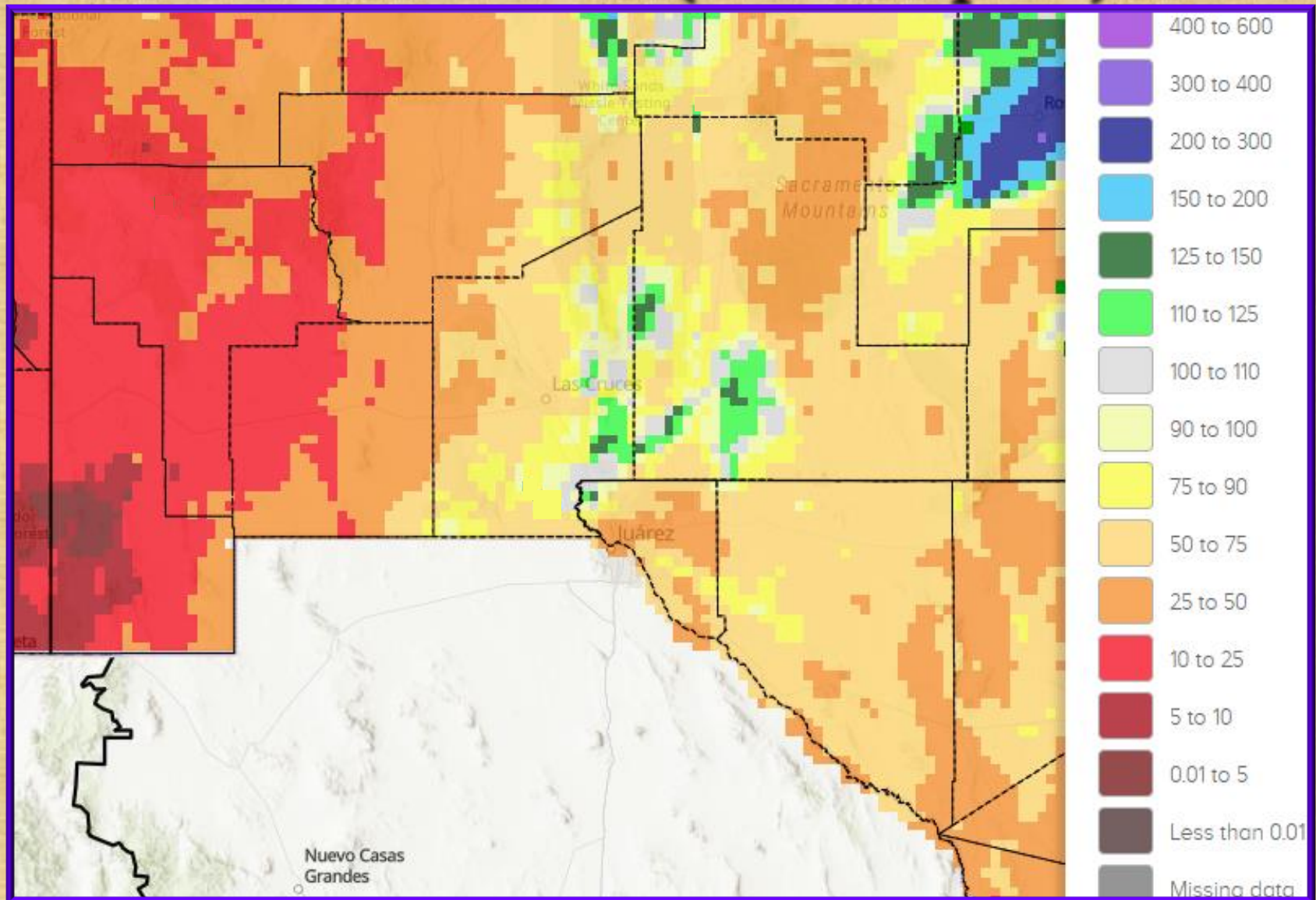
April 2025 rainfall estimate with surface rainfall reports



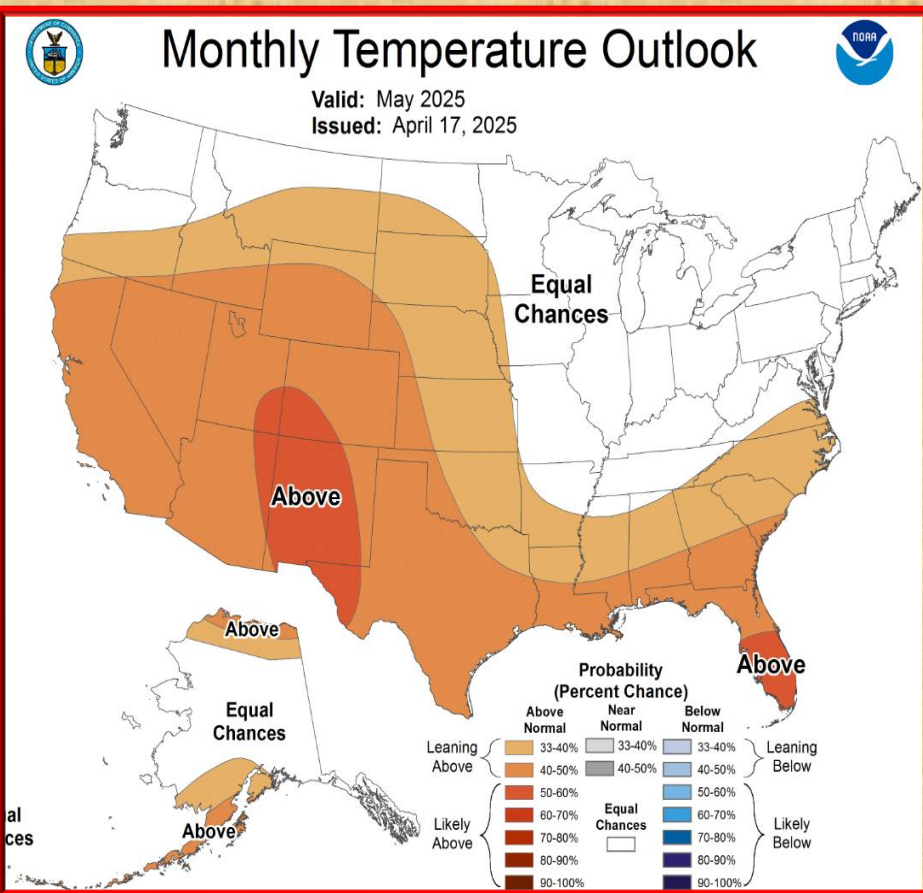
April 2025 rainfall estimate percent of normal



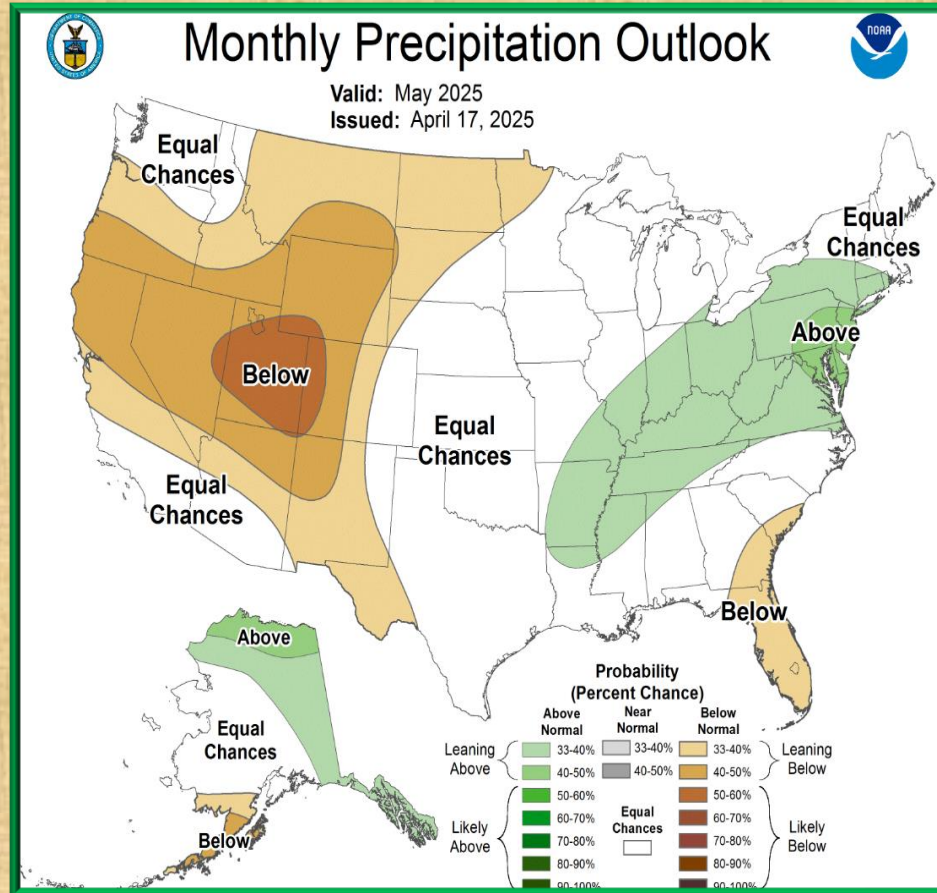
Radar rainfall estimate percent of normal for the Water Year (Oct 1 – Apr 30)



Temperature



Precipitation



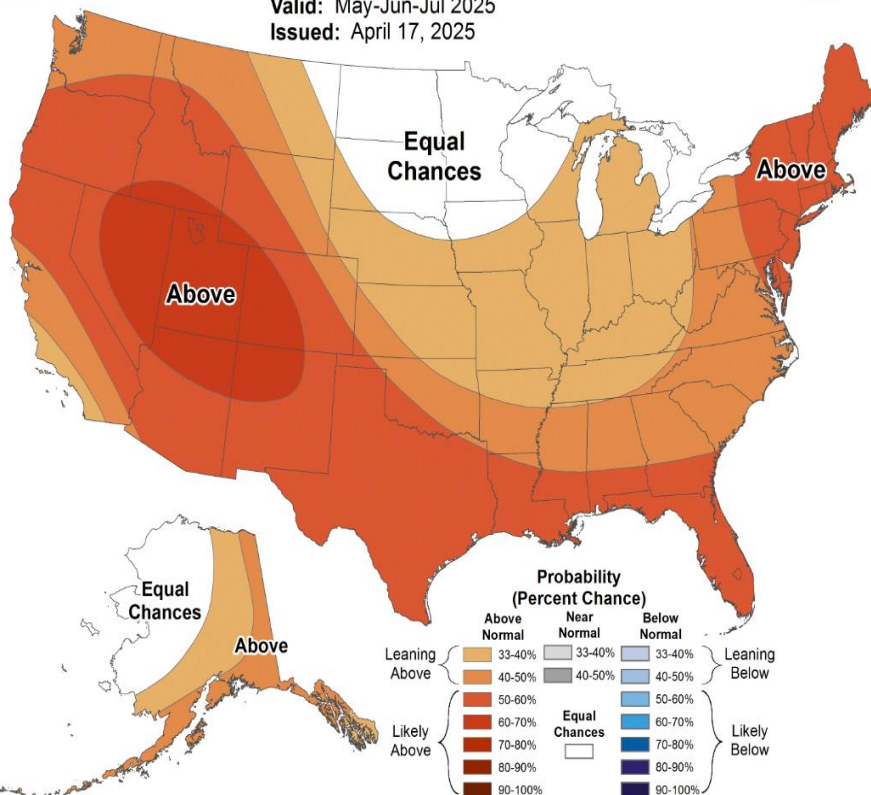
Temperature

Precipitation



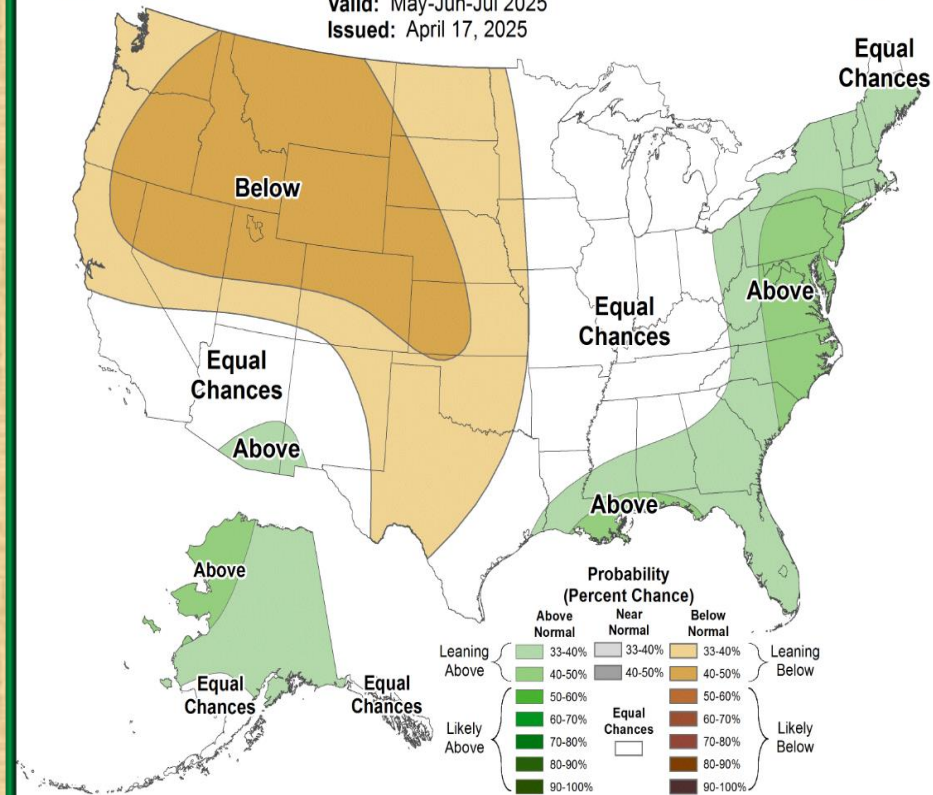
Seasonal Temperature Outlook

Valid: May-Jun-Jul 2025
Issued: April 17, 2025



Seasonal Precipitation Outlook

Valid: May-Jun-Jul 2025
Issued: April 17, 2025



Temperature and precipitation outlook for Aug-Oct 2025

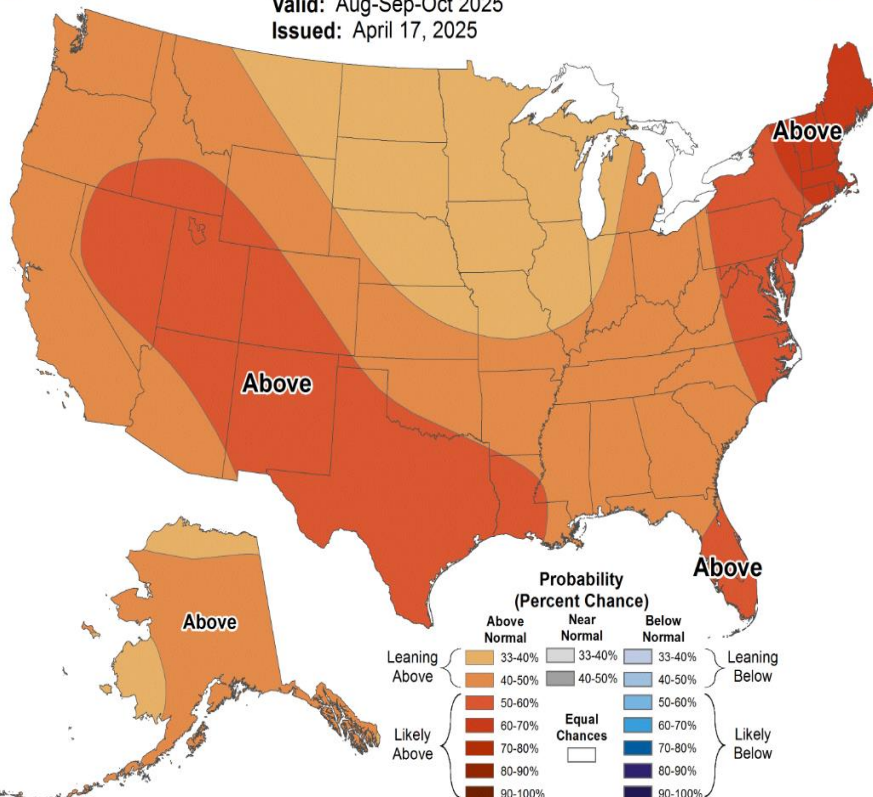
Temperature

Precipitation



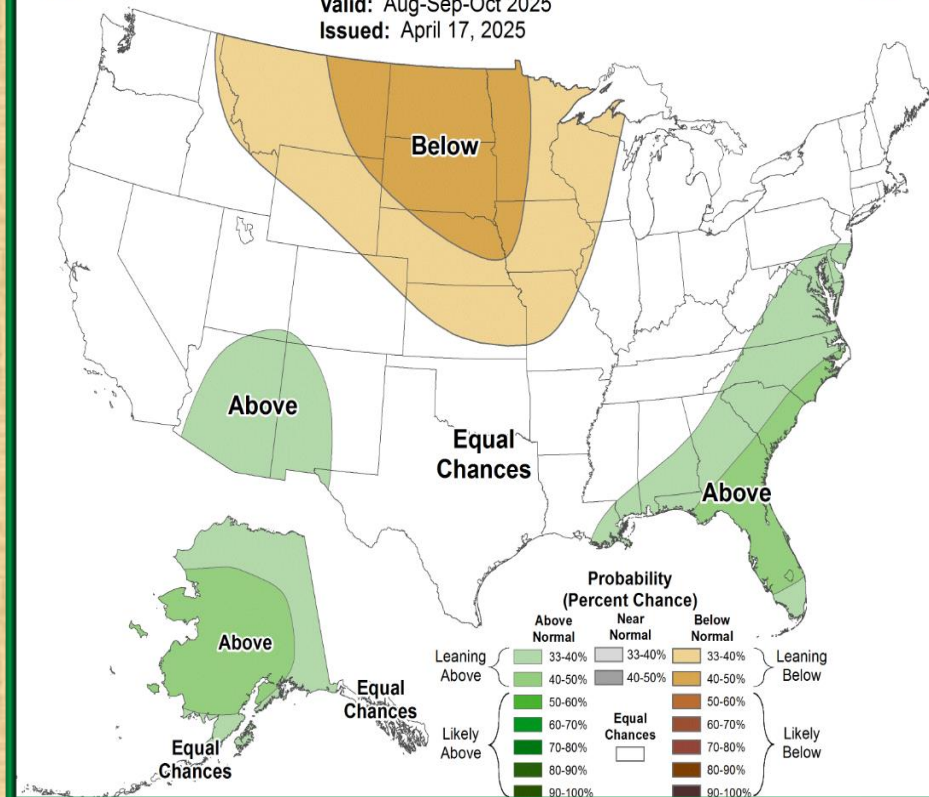
Seasonal Temperature Outlook

Valid: Aug-Sep-Oct 2025
Issued: April 17, 2025



Seasonal Precipitation Outlook

Valid: Aug-Sep-Oct 2025
Issued: April 17, 2025

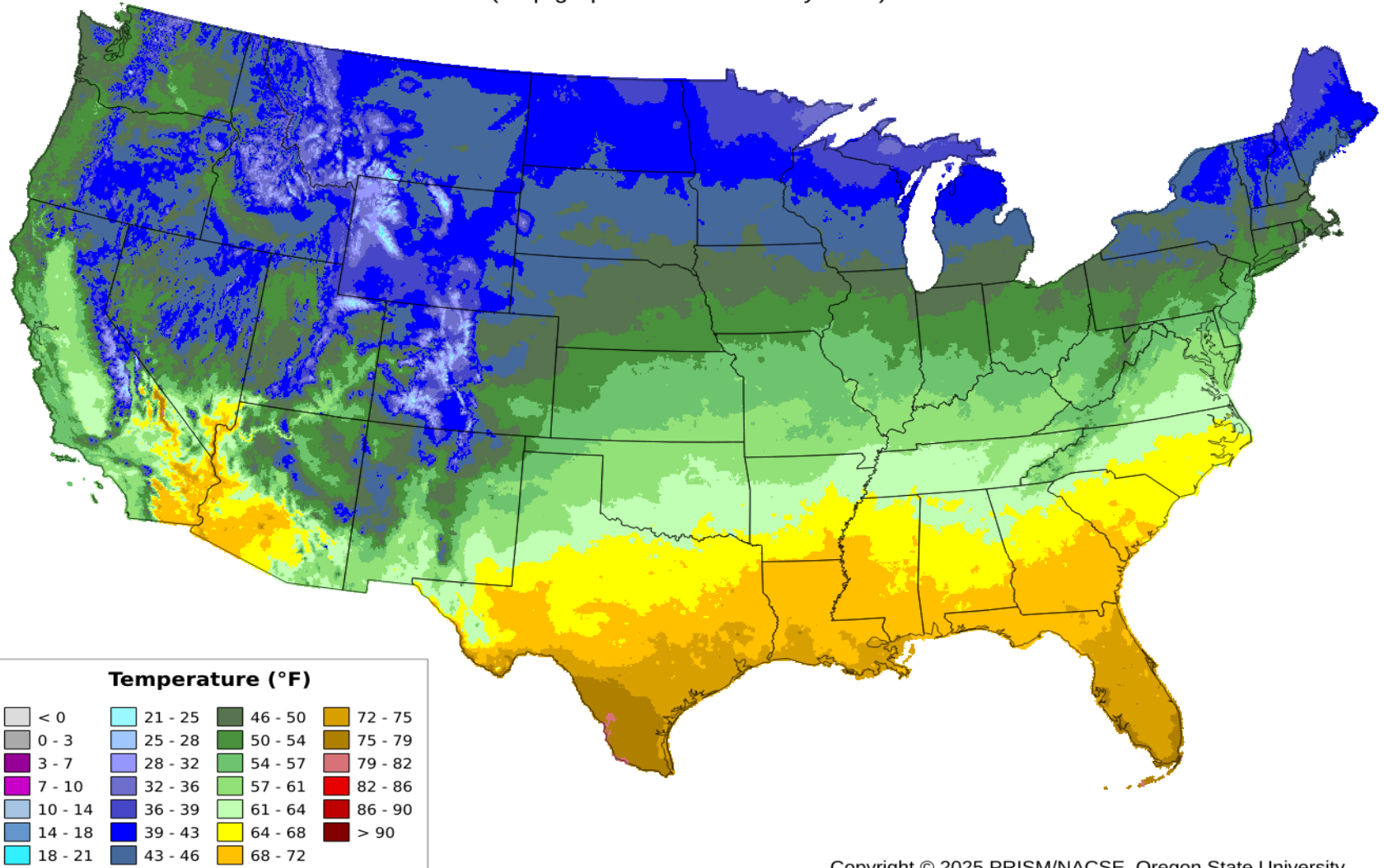


Average Daily Mean Temperature for April 2025

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

Period ending 7 AM EST 30 Apr 2025

(Map graphic created 01 May 2025)



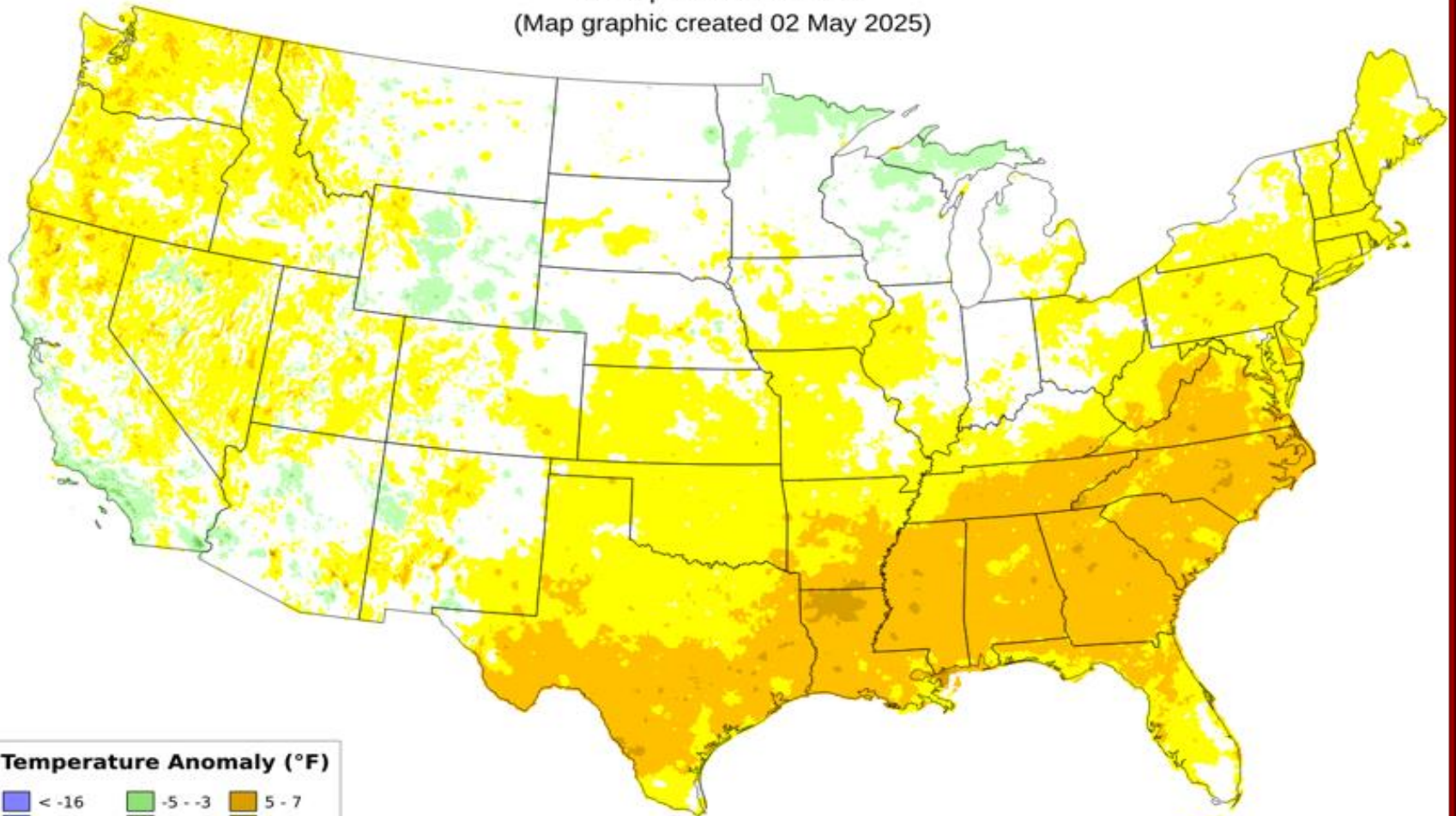
Daily Mean Temperature Departure from Normal, April 2025

Daily Mean Temperature Anomaly: Apr 2025

Period ending 7 AM EST 30 Apr 2025

Base period: 1991-2020

(Map graphic created 02 May 2025)



Temperature Anomaly (°F)

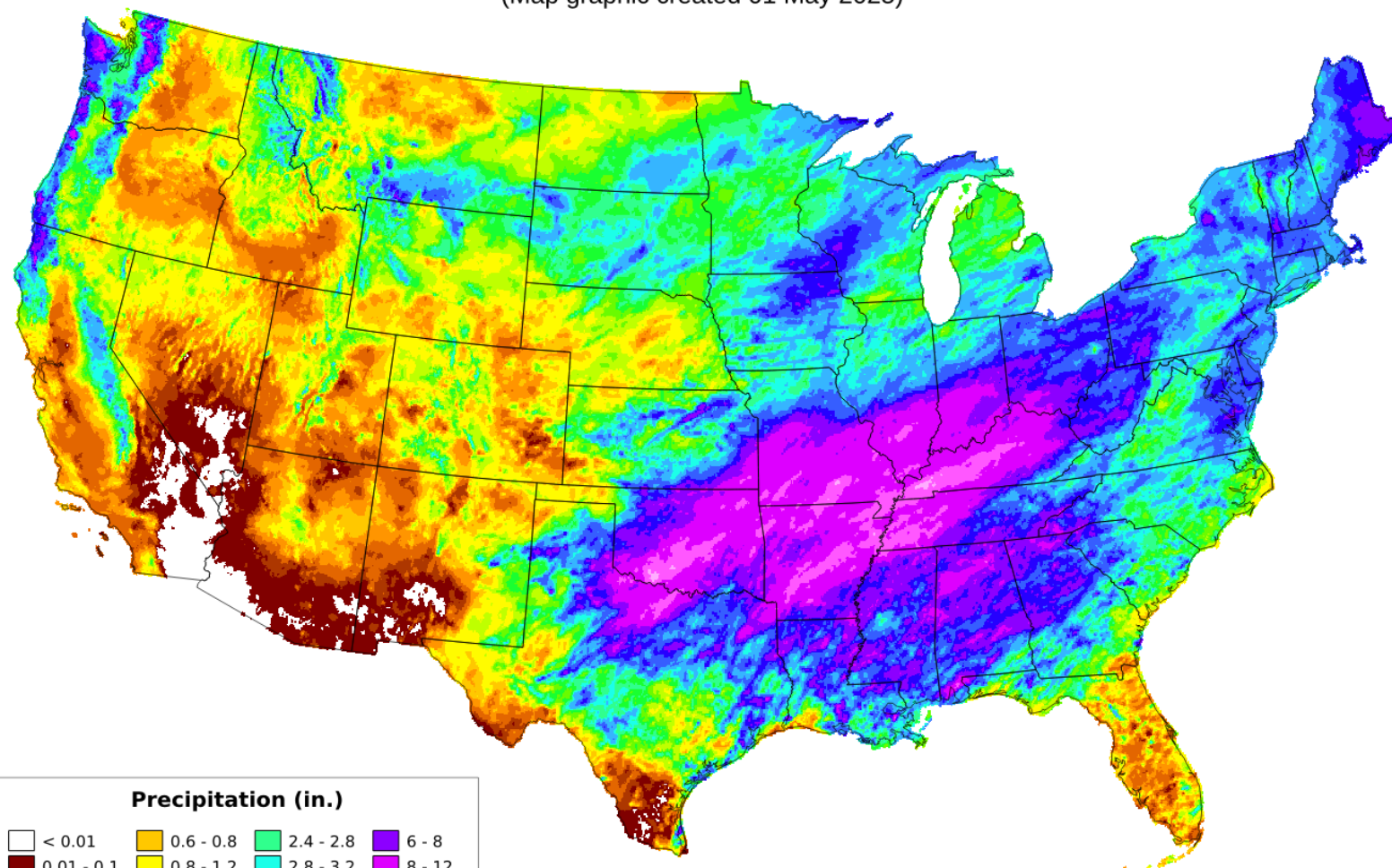
< -16	-5 - -3	5 - 7
-16 - -13	-3 - -1	7 - 10
-13 - -10	-1 - 1	10 - 13
-10 - -7	1 - 3	13 - 16
-7 - -5	3 - 5	> 16

Total Precipitation for April 2025

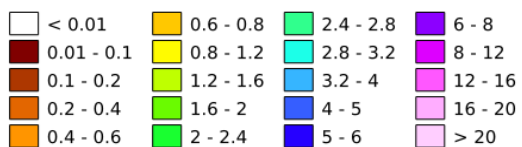
Total Precipitation: 01 Apr 2025 - 30 Apr 2025

Period ending 7 AM EST 30 Apr 2025

(Map graphic created 01 May 2025)



Precipitation (in.)



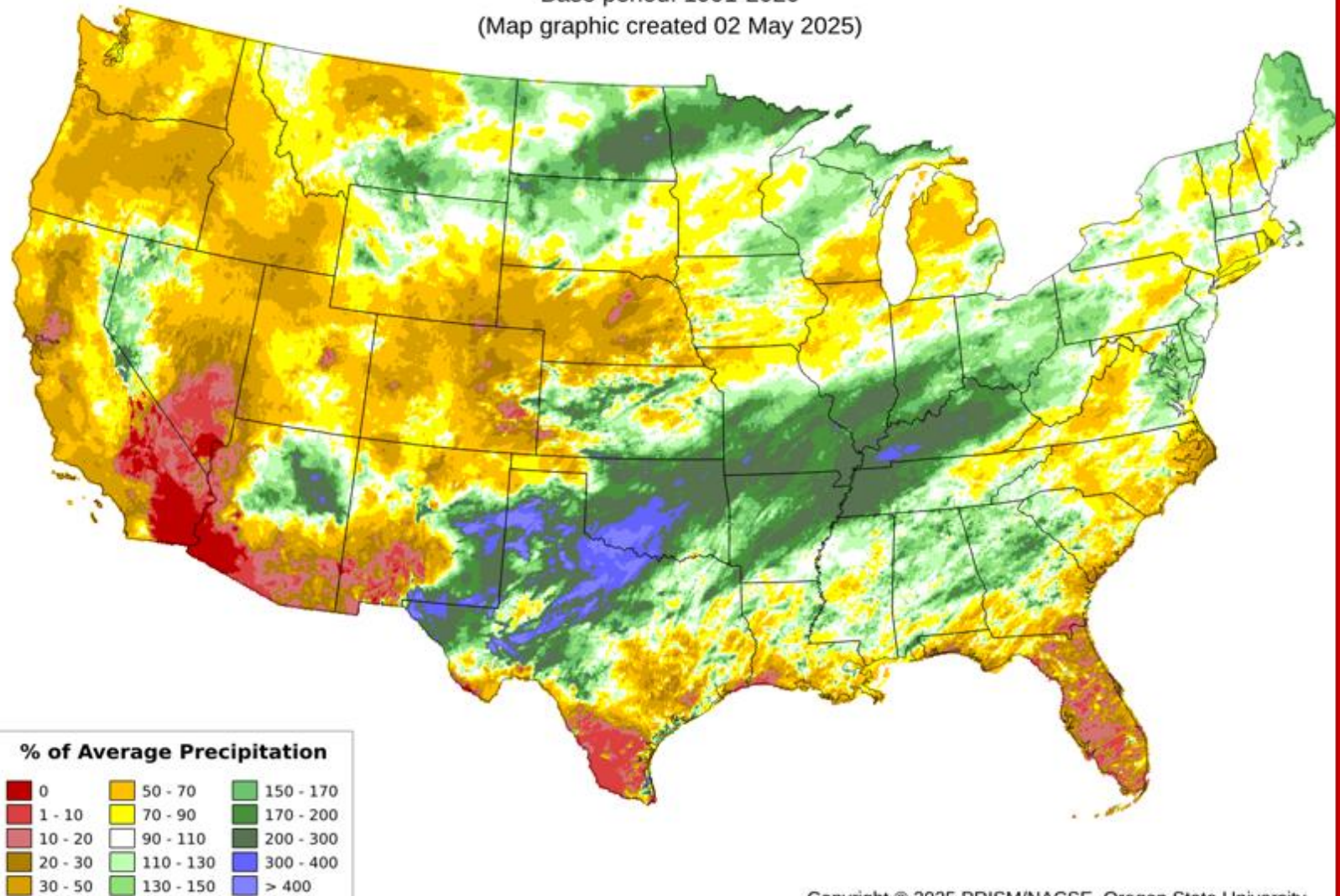
Percent of Normal Precipitation for April 2025

Total Precipitation Anomaly: Apr 2025

Period ending 7 AM EST 30 Apr 2025

Base period: 1991-2020

(Map graphic created 02 May 2025)



Selected Weather Reports April 2025

Date/Time	Location (County)	Event
APR 1 540 PM	SAN AUGUSTIN PASS-DONA ANA	83 MPH PEAK WIND GUST
APR 1 301 PM	BIGGS FIELD-EL PASO	67 MPH PEAK WIND GUST
APR 1 353 PM	T OR C AIRPORT-SIERRA	67 MPH PEAK WIND GUST
APR 1 1145 AM	MAYHILL-OTERO	61 MPH PEAK WIND GUST
APR 1 143 PM	EL PASO INTL AIRPORT-EL PASO	60 MPH PEAK WIND GUST
APR 1 915 PM	WSMR MAIN POST-DONA ANA	60 MPH PEAK WIND GUST
APR 1 354 PM	HIGH ROLLS-OTERO	59 MPH PEAK WIND GUST
APR 1 519 PM	ANIMAS-HIDALGO	58 MPH PEAK WIND GUST
APR 1 441 PM	MESCALERO-OTERO	57 MPH PEAK WIND GUST
APR 1 315 PM	GRANT COUNTY AIRPORT-GRANT	55 MPH PEAK WIND GUST
APR 1 535 PM	LAS CRUCES AIRPORT-DONA ANA	54 MPH PEAK WIND GUST
APR 1 526 PM	DRIPPING SPRINGS-DONA ANA	54 MPH PEAK WIND GUST

Selected Weather Reports April 2025

Date/Time	Location (County)	Event
APR 1 225 PM	LORDSBURG PLAYA MP11-HIDALGO	53 MPH PEAK WIND GUST
APR 1 502 PM	DEMING AIRPORT-LUNA	52 MPH PEAK WIND GUST
APR 1 420 PM	SPACEPORT AMERICA-SIERRA	52 MPH PEAK WIND GUST
APR 18 255 PM	SAN AUGUSTIN PASS-DONA ANA	78 MPH PEAK WIND GUST
APR 18 529 PM	SIERRA BLANCA-HUDSPETH	64 MPH PEAK WIND GUST
APR 18 245 PM	WSMR MAIN POST-DONA ANA	62 MPH PEAK WIND GUST
APR 18 446 PM	EL PASO INTL AIRPORT-EL PASO	56 MPH PEAK WIND GUST
APR 18 319 PM	SANTA TERESA NWS-DONA ANA	54 MPH PEAK WIND GUST
APR 18 213 PM	DEMING AIRPORT-DONA ANA	53 MPH PEAK WIND GUST
APR 18 1250 PM	T OR C AIRPORT-SIERRA	53 MPH PEAK WIND GUST
APR 18 447 PM	BIGGS AIRFIELD-EL PASO	52 MPH PEAK WIND GUST
APR 18 326 PM	DRIPPING SPRINGS-DONA ANA	51 MPH PEAK WIND GUST

Selected Weather Reports April 2025

Date/Time	Location (County)	Event
APR 18 615 PM	LORDSBURG PLAYA MP 11-HIDALGO	49 MPH PEAK WIND GUST
APR 18 335 PM	ALAMOGORDO AIRPORT-OTERO	48 MPH PEAK WIND GUST
APR 18 335 PM	LAS CRUCES AIRPORT-DONA ANA	48 MPH PEAK WIND GUST
APR 18 301 PM	MAYHILL-OTERO	47 MPH PEAK WIND GUST
APR 18 241 PM	MESCALERO-OTERO	46 MPH PEAK WIND GUST
APR 27 505 PM	SAN AUGUSTIN PASS-DONA ANA	89 MPH PEAK WIND GUST
APR 27 345 PM	T OR C AIRPORT-SIERRA	60 MPH PEAK WIND GUST
APR 27 510 PM	WSMR MUSEUM-DONA ANA	60 MPH PEAK WIND GUST
APR 27 526 PM	DRIPPING SPRINGS-DONA ANA	58 MPH PEAK WIND GUST
APR 27 446 PM	DEMING AIRPORT-LUNA	58 MPH PEAK WIND GUST
APR 27 553 PM	SIERRA BLANCA-HUDSPETH	55 MPH PEAK WIND GUST
APR 27 220 PM	EL PASO INTL AIRPORT-EL PASO	53 MPH PEAK WIND GUST

Selected Weather Reports April 2025

Date/Time	Location (County)	Event
APR 27 239 PM	HOLLOMAN AFB-DONA ANA	53 MPH PEAK WIND GUST
APR 27 620 PM	HIGH ROLLS-OTERO	52 MPH PEAK WIND GUST
APR 27 146 PM	MAYHILL-OTERO	52 MPH PEAK WIND GUST
APR 27 255 PM	LAS CRUCES AIRPORT-DONA ANA	51 MPH PEAK WIND GUST
APR 27 330 PM	LORDSBURG PLAYA MP 11-HIDALGO	89 MPH PEAK WIND GUST
APR 27 355 PM	ALAMOGORDO AIRPORT- OTERO	49 MPH PEAK WIND GUST
APR 27 403 PM	DELL CITY-HUDSPETH	48 MPH PEAK WIND GUST
APR 27 741 PM	MESCALERO-OTERO	47 MPH PEAK WIND GUST
APR 27 304 PM	ANIMAS-HIDALGO	45 MPH PEAK WIND GUST
APR 27 459 PM	SANTA TERESA NWS-DONA ANA	45 MPH PEAK WIND GUST

Special Features

www.weather.gov/epz/elpwindrosedata

Month: APRIL

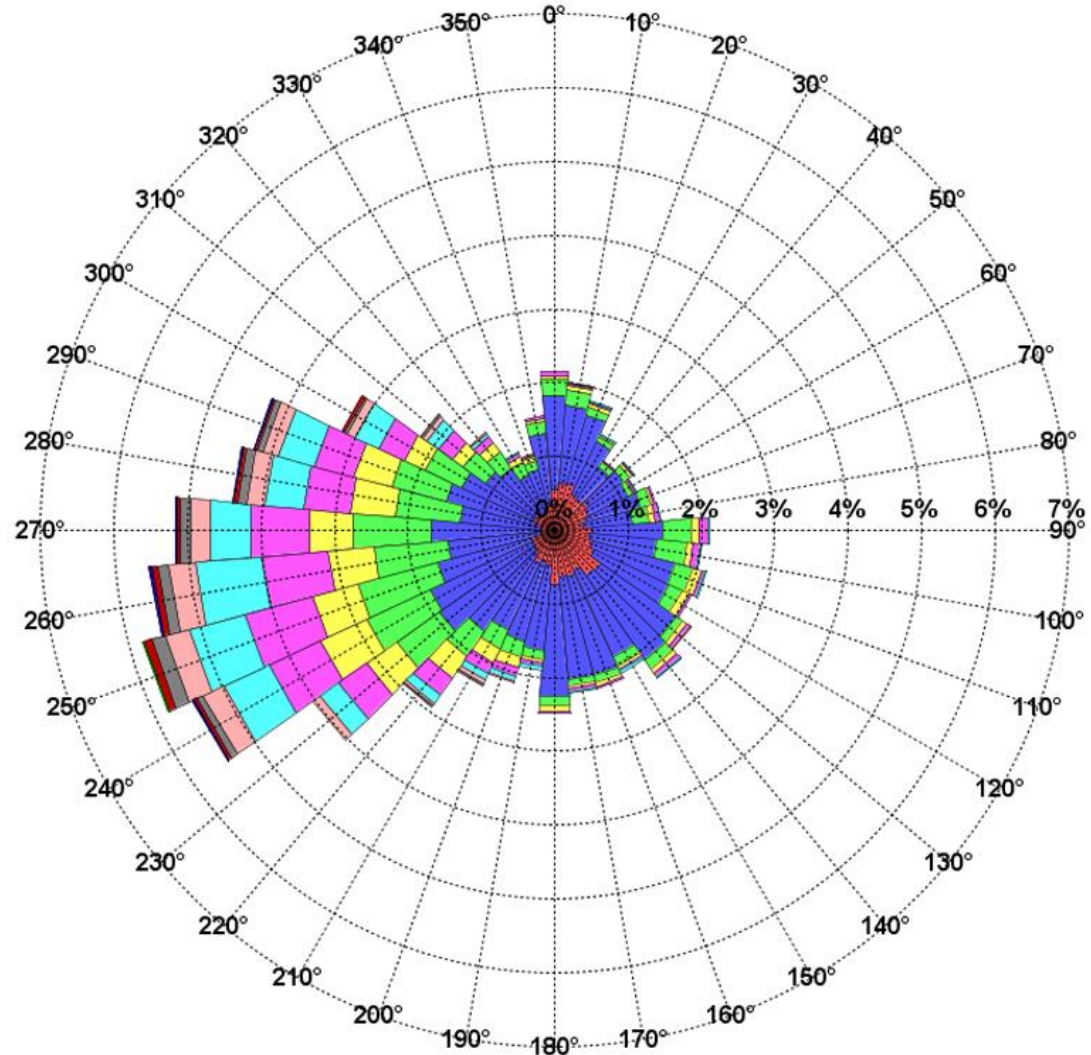
Calm: 6.66%


Variable: 2.29%

WindRose - KELP - EL PASO INTL

% Frequency of Wind Speed from a Direction

POR:19730101-20140602





NATIONAL WEATHER SERVICE

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](#)

El Paso, TX
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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	

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.