

January 2025 Weather Digest



January 2025 Weather Summary

After several months of well above normal temperatures across the Borderland, January turned out to be well below normal with average temperatures around 3 to 5 degrees below normal. The main culprit of this was a persistent upper ridge residing over the west coast of the U.S. This allowed a near constant upper flow out of the north and northwest, permitting chilly air from western Canada to drop in over the area. A weak La Niña hemispheric pattern had developed and may have also aided in this rather persistent pattern. Two significant cold snaps occurred; first on January 10-14, and then a much colder spell on January 21-24. This second cold snap saw some of the coldest temperatures in several years. Most lowland sites saw low temperatures drop into the single digits. Many mountain sites dropped into the minus single digits, along with notorious cold spots in valleys such as Gila Hot Springs, Mule Creek and Lake Roberts. The month saw one significant winter storm, on Jan 8-9, which dumped about 3 to 6 inches in many mountain locations and a dusting across much of the lowlands, excepting the Las Cruces area, which saw 1 to 3 inches.

As is usually the case with unseasonably cool temperatures, precipitation was hard to come by. The majority of the area of southern New Mexico and west Texas was well below normal, receiving around 10-30 percent of normal—slightly higher in the mountains. The mountains also received only about 25-50 percent of normal snowfall.

January 2025 Weather Summary

Looking ahead to February, we continue to gain daylight and warmth. At El Paso, daylight on Feb 1 is 10 hours and 41 minutes, while on Feb 28 the daylight has increased to 11 hours and 29 minutes; a total gain of 48 minutes. El Paso averages a high temperature of 61° on Feb 1 and 67° on Feb 28. The record high temperature at El Paso for February is 86°.

For our sky watchers, the February full moon occurs on the 12th, and is commonly known as the Snow Moon. The new moon occurs on the 27th. The planets are also busy in February (see the map below on February 2025 Astrological Events).



Jan 8 Las Cruces I-86 @ AVENIDA DE MESILLA NE



NMDOT

Jan 8 Las Cruces



I-25 at US70



Jan 8 Las Cruces



I-10 E of US 70

LIVE

Jan 8 Las Cruces



Jan 8 West of Las Cruces



Jan 8 West of Las Cruces



Jan 9 Silver City



Jan 9 Timberon



Jan 10 Fog West El Paso



Jan 3 Gila Wilderness



Jan 9 Gila Cliff Dwelling



Jan 9 Pinos Altos



Jan 9 Wind Canyon



Jan 21 Frigid Lake Roberts



Jan 11 Transmountain Pass



Jan 21 Las Cruces Cold Snap

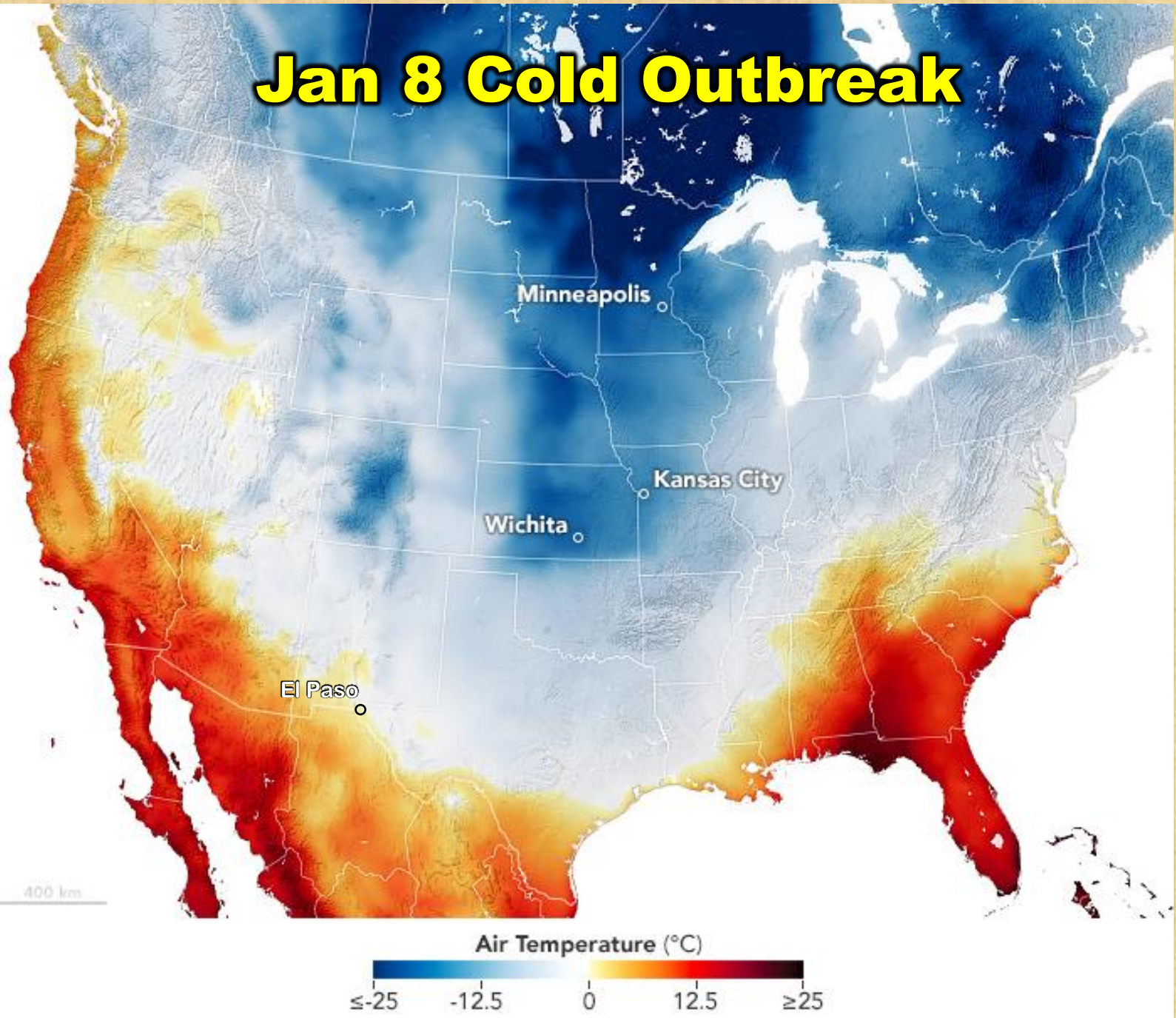


Jan 11 Organ Mtns



Mike Groves Photography ©

Jan 8 Cold Outbreak



Jan 21 Cold Low Temperatures

Tuesday's Min/Max Temperatures

A COLD day across the Borderland...Lows and highs averaged 20°F below normal!

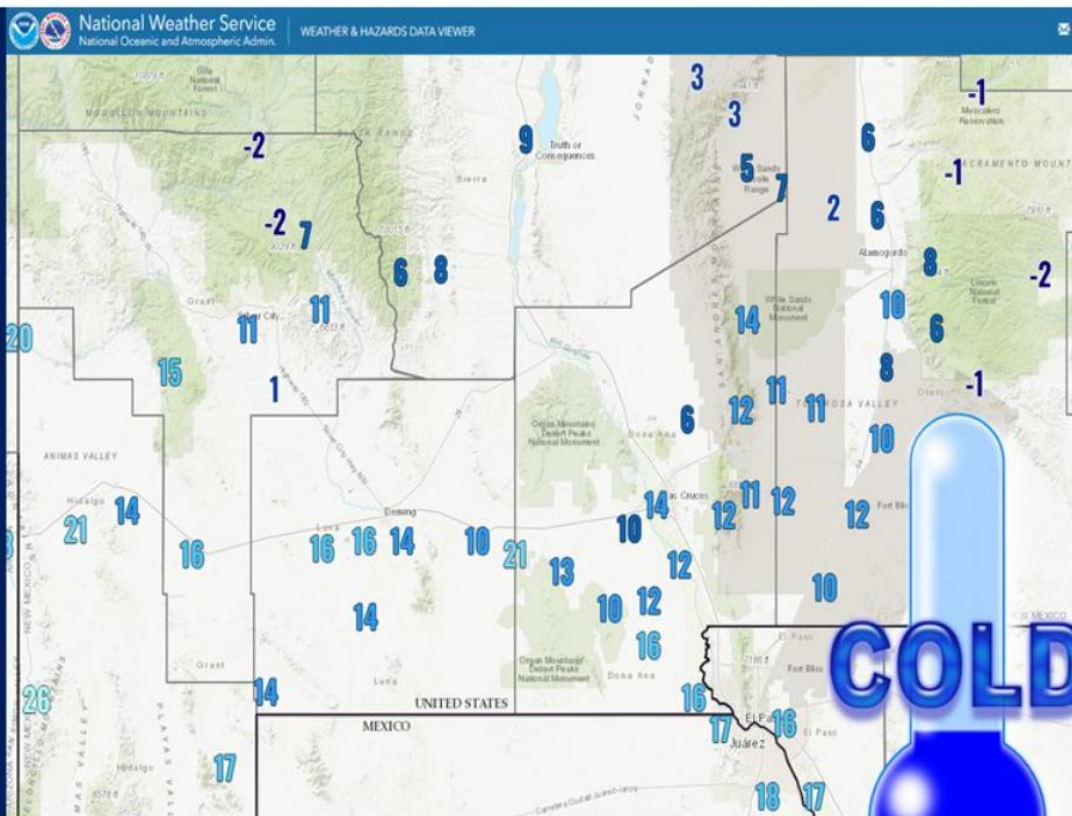
Weather Forecast Office

El Paso, TX

Issued January 22, 2025 4:09 AM

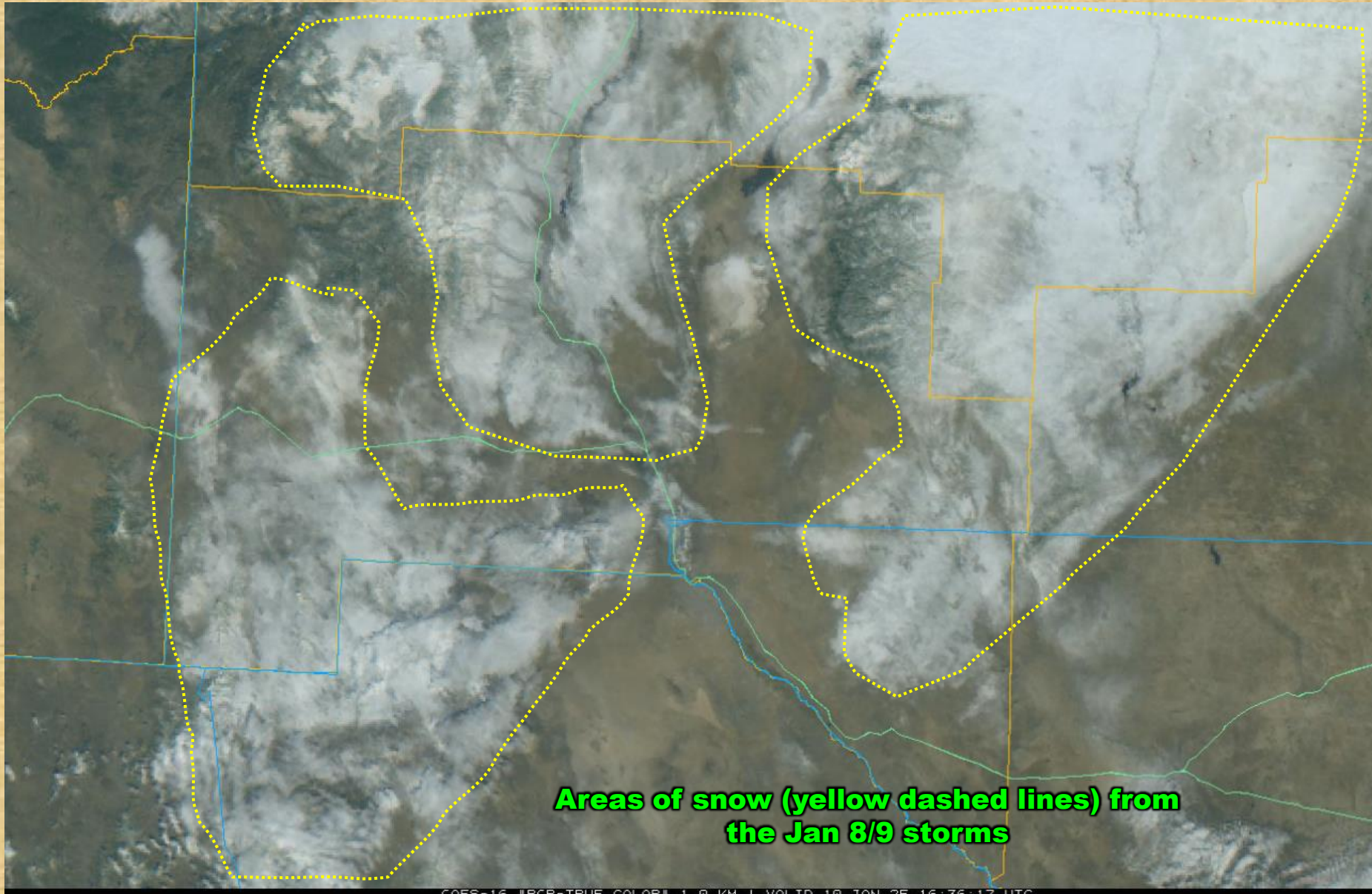


Location	Tuesday's Low	Tuesday's High
El Paso	15°	39°
Las Cruces	9°	35°
Deming	14°	39°
Alamogordo	10°	37°
T or C	8°	36°
Lordsburg	14°	37°
Silver City	1°	35°
Mescalero	-1°	31°
Cloudcroft	4°	31°
Sierra Blanca	12°	38°
Hatch	13°	42°



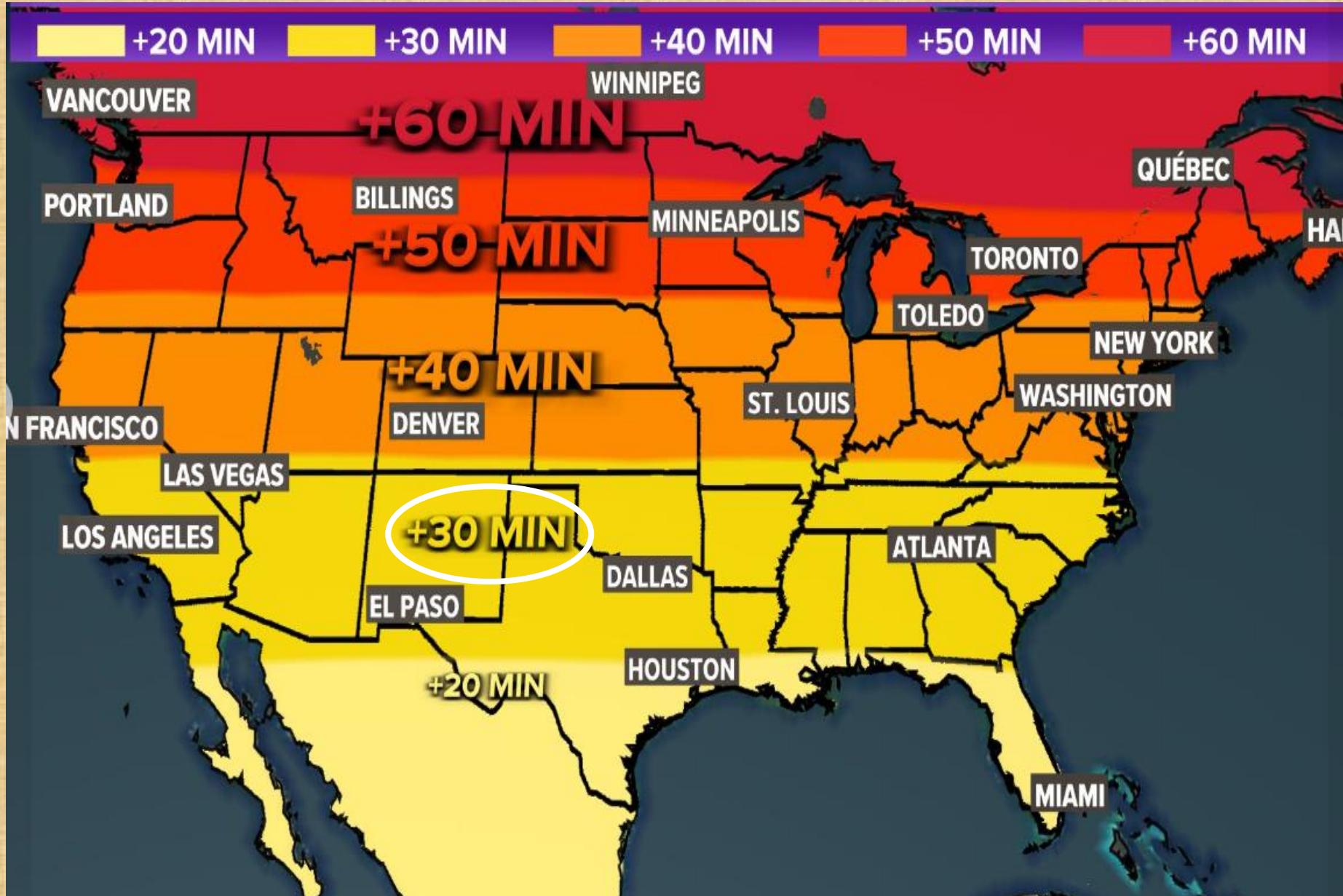
Tuesday's Low Temperatures

Jan 10 Borderland Snow



**Areas of snow (yellow dashed lines) from
the Jan 8/9 storms**

January Daylight Increase



★ FEBRUARY 2025 ★ ★ ASTROLOGICAL EVENTS ★



LIVESTORMCHASERS.COM

ENSO Alert System Status: **La Niña Advisory is in effect**

ENSO Alert System

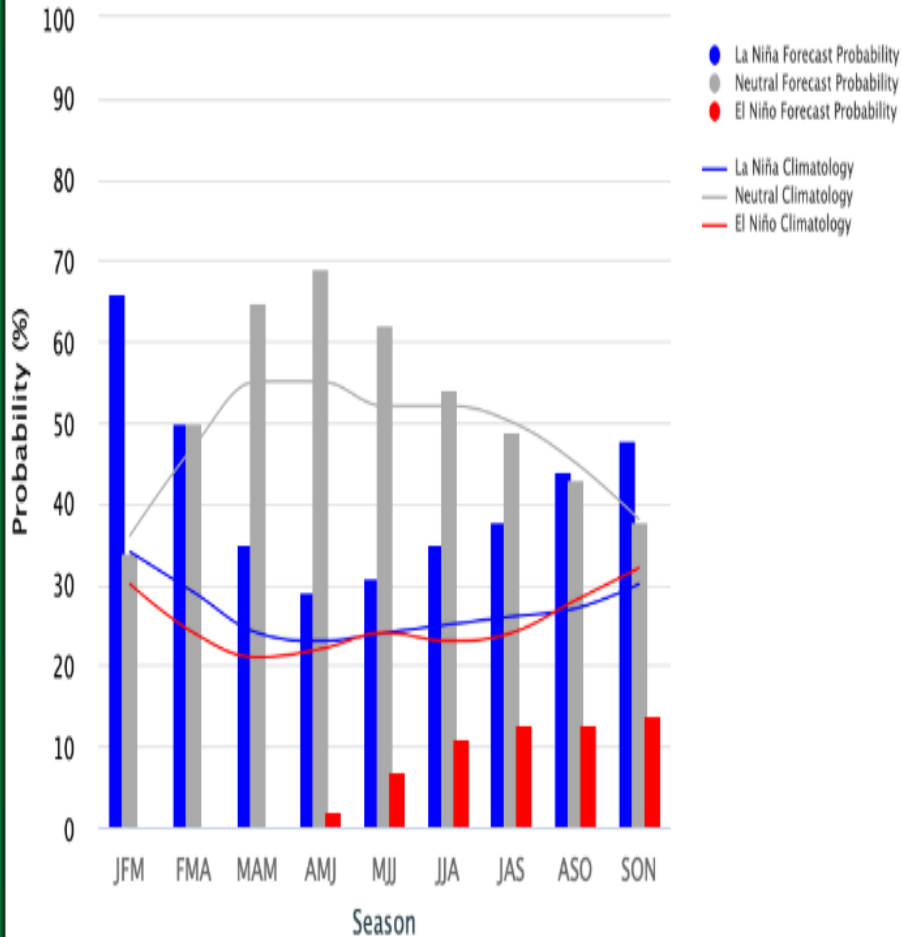
- **El Niño or La Niña Watch:** Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.
- **El Niño or La Niña Advisory:** Issued when El Niño or La Niña conditions are observed and expected to continue.

ENSO Forecast

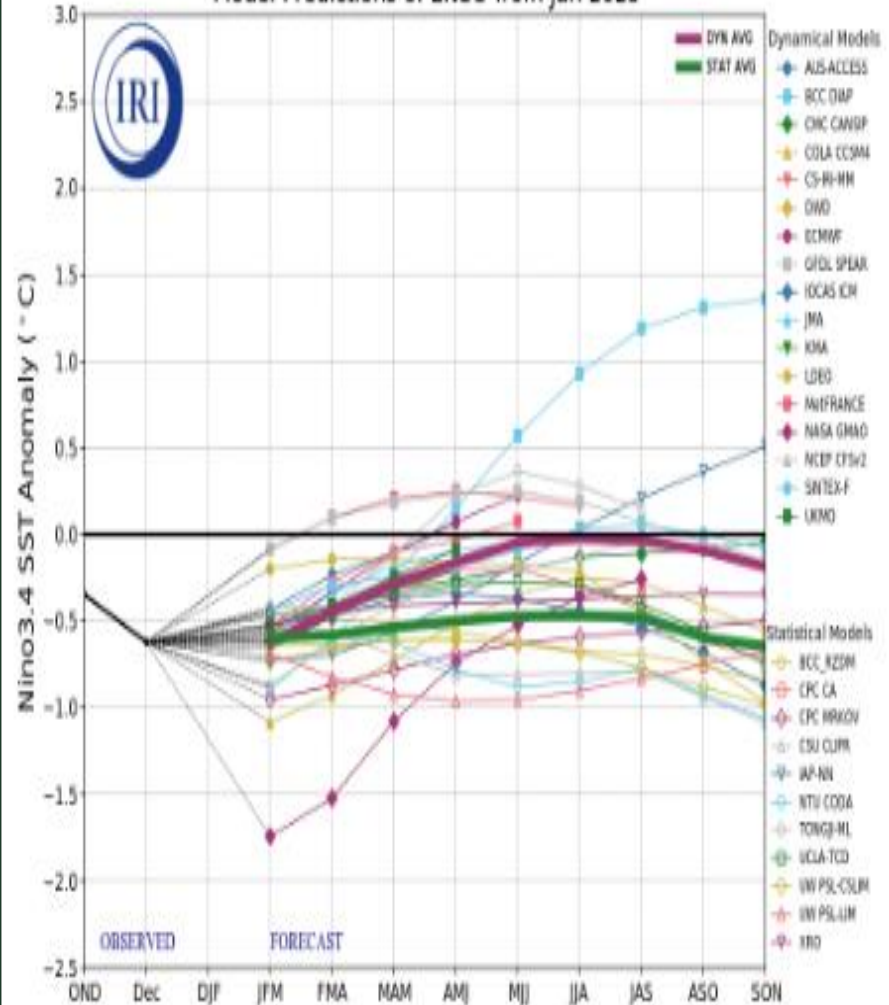
ENSO is in La Niña phase, with a shift back to neutral by March or April

Mid-January 2025 IRI Model-Based Probabilistic ENSO Forecasts

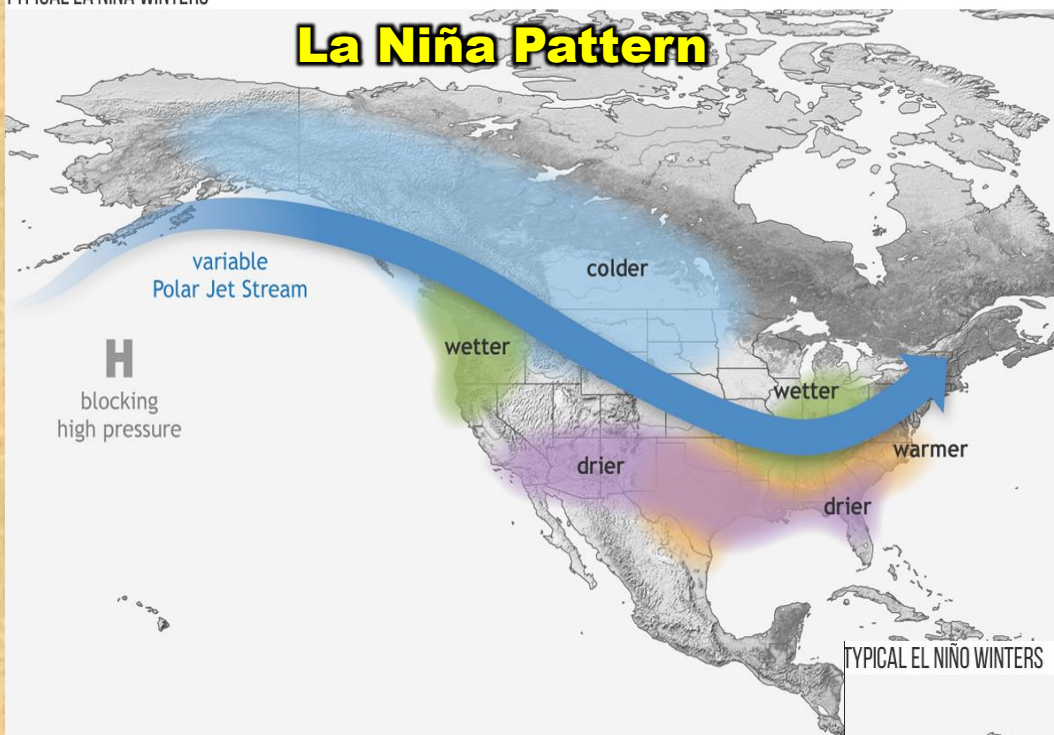
ENSO state based on NINO3.4 SST Anomaly Neutral ENSO: -0.5°C to 0.5°C



Model Predictions of ENSO from Jan 2025

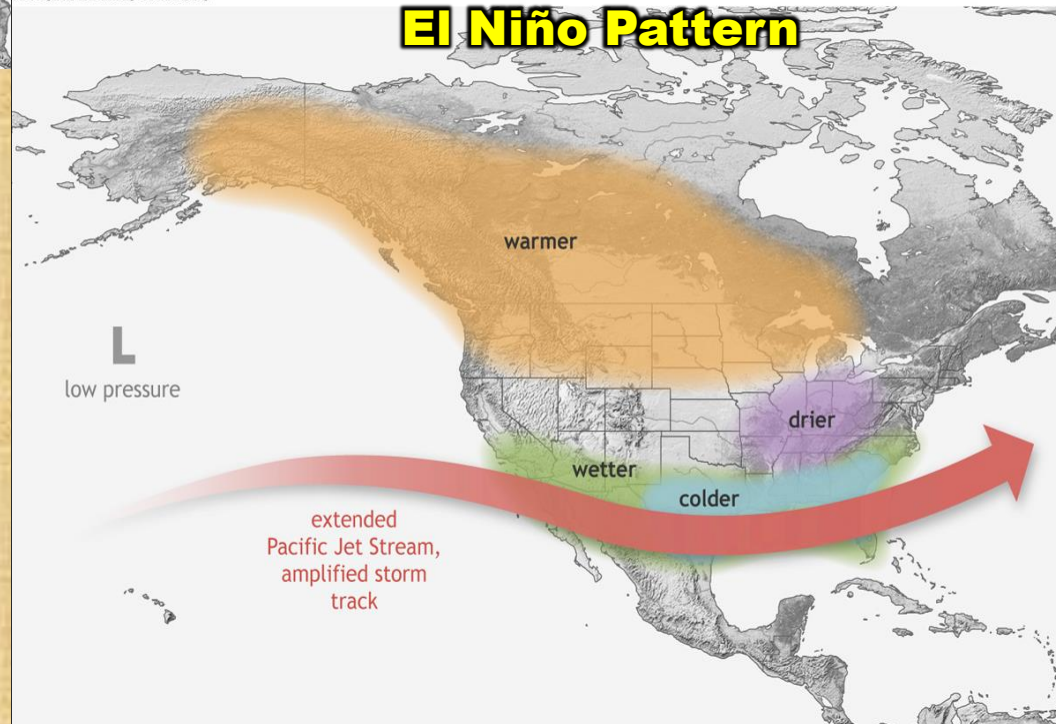


La Niña Pattern



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.

El Niño Pattern



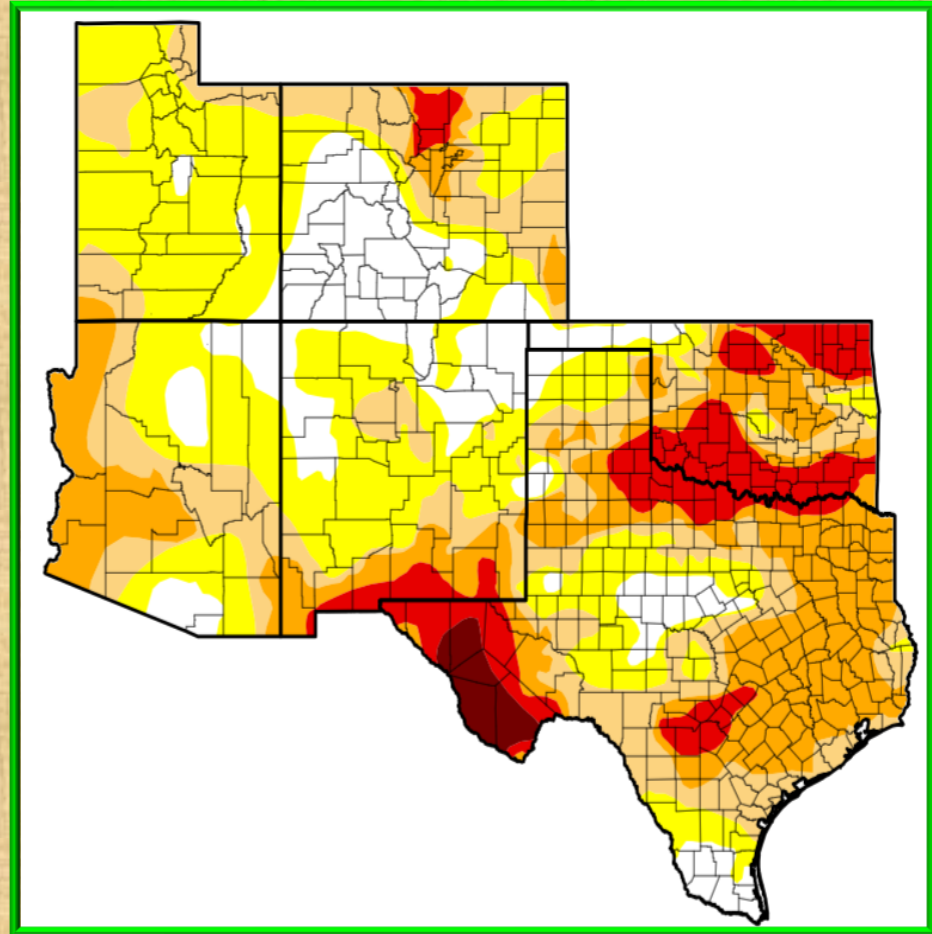
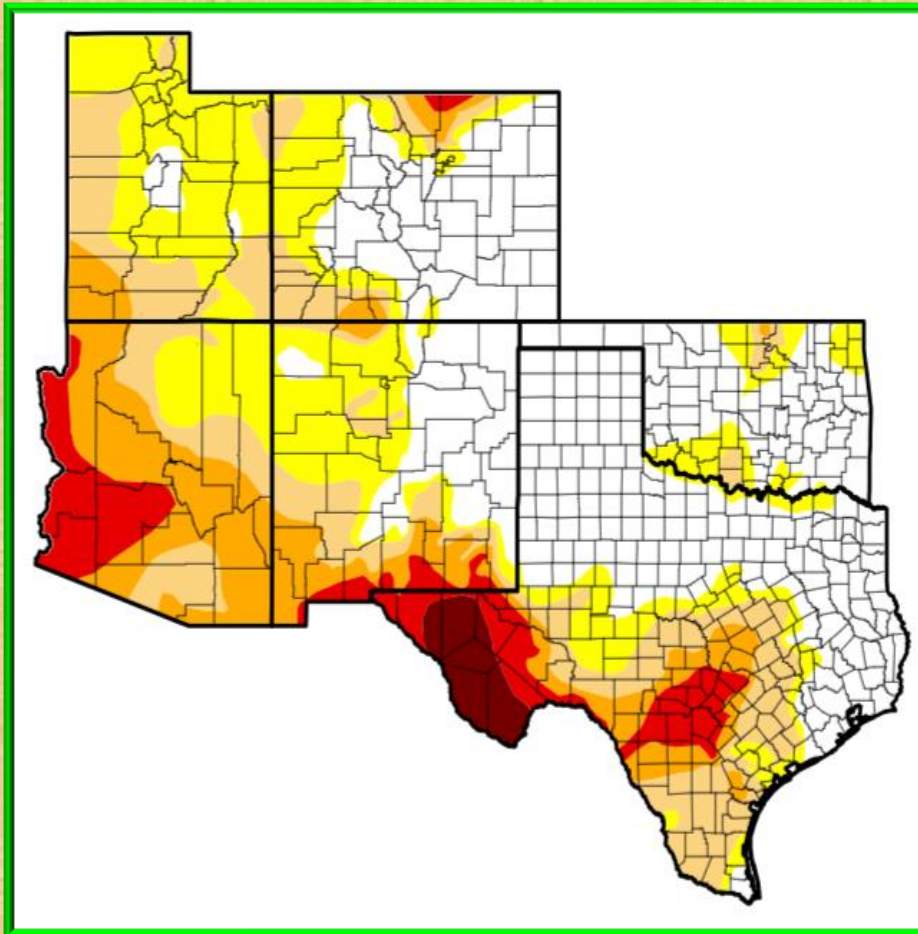
With El Niño, we often see the opposite pattern where the eastern Pacific ridge of high pressure is often weak or non-existent, allowing winter storms to sweep across the southern U.S. This typically will give the southwestern U.S. above normal precipitation.

Current drought conditions and 3 month change

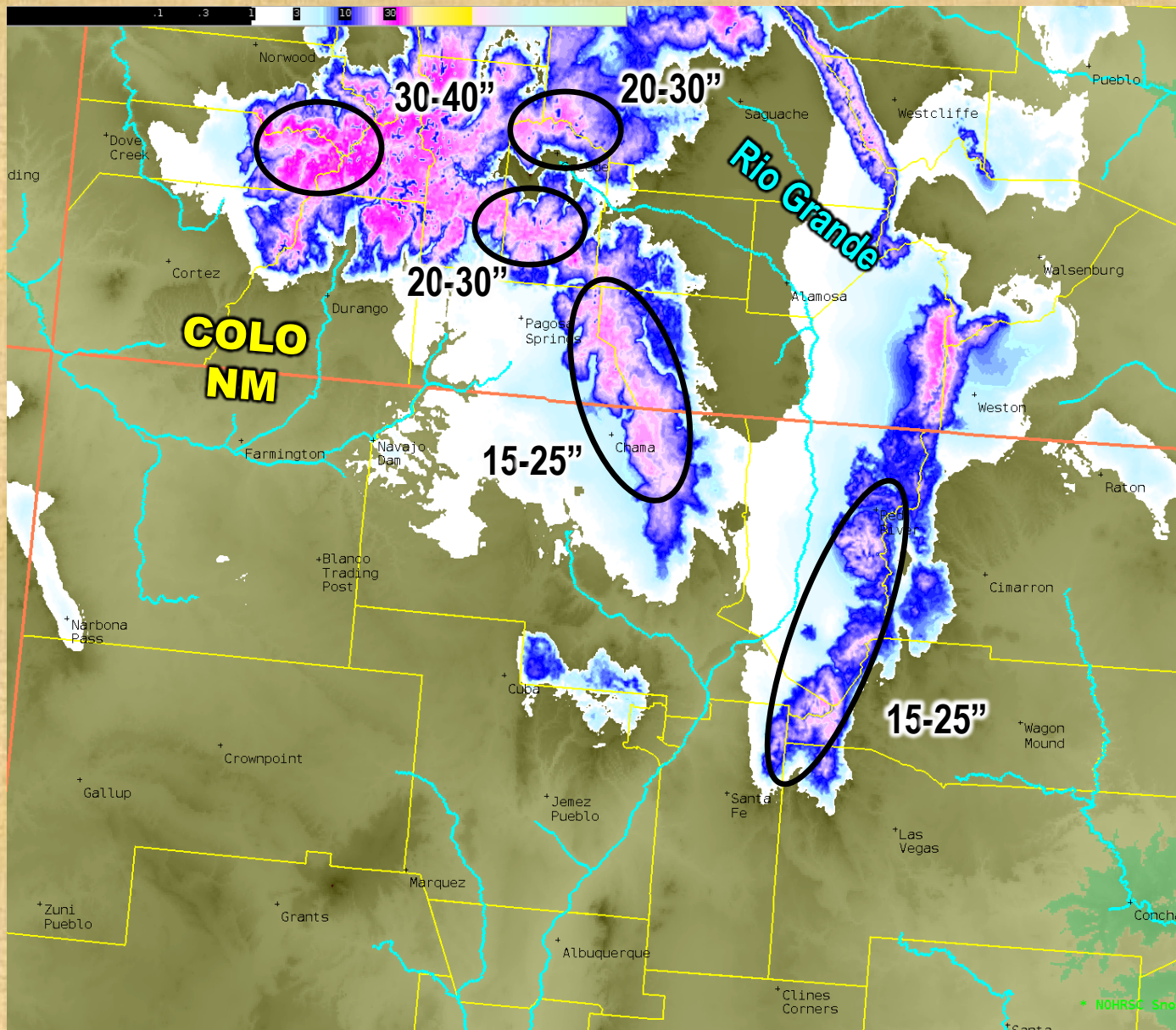
- Abnormally Dry – D0
- Moderate Drought – D1
- Severe Drought – D2
- Extreme Drought – D3
- Exceptional – D4

Jan 28, 2025

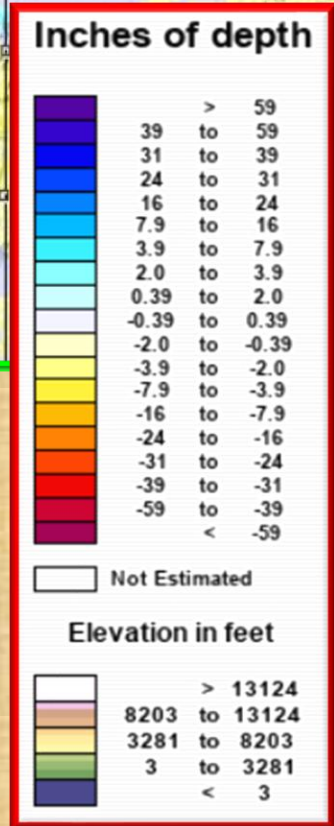
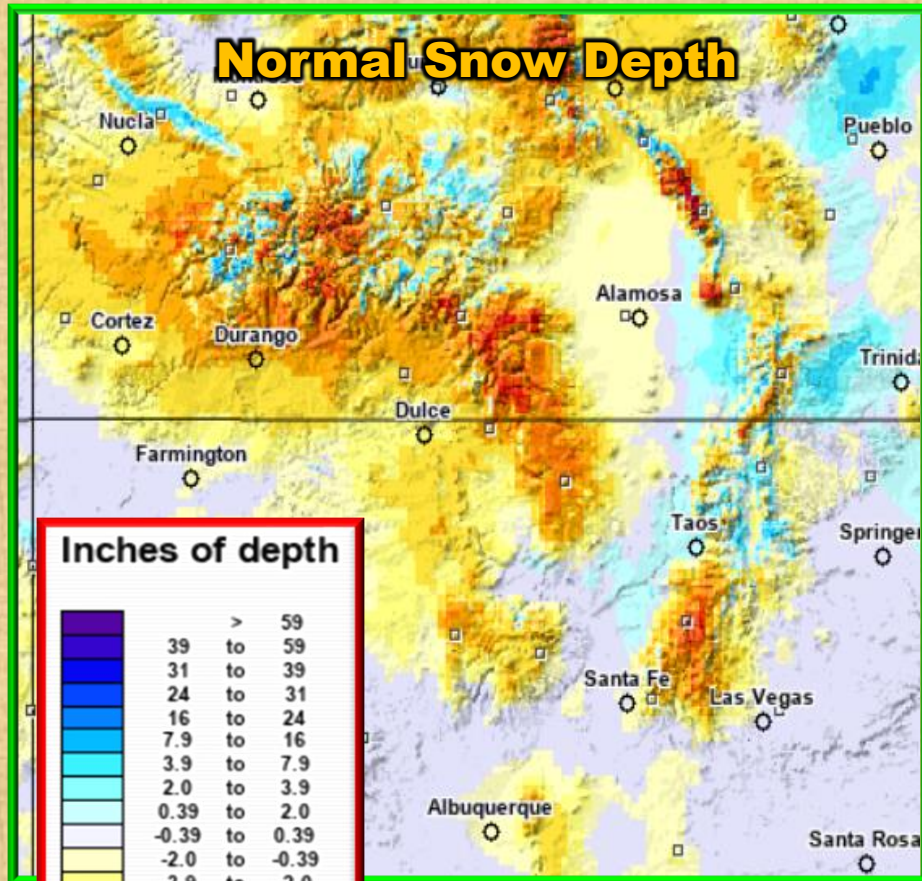
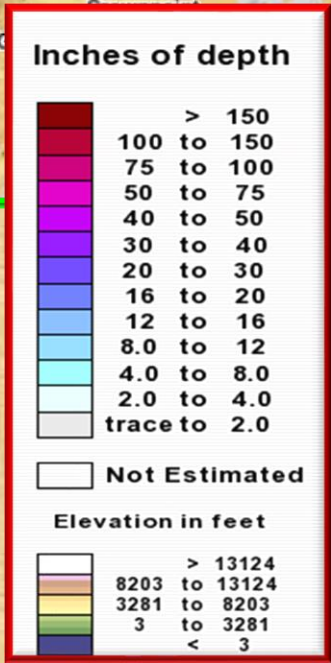
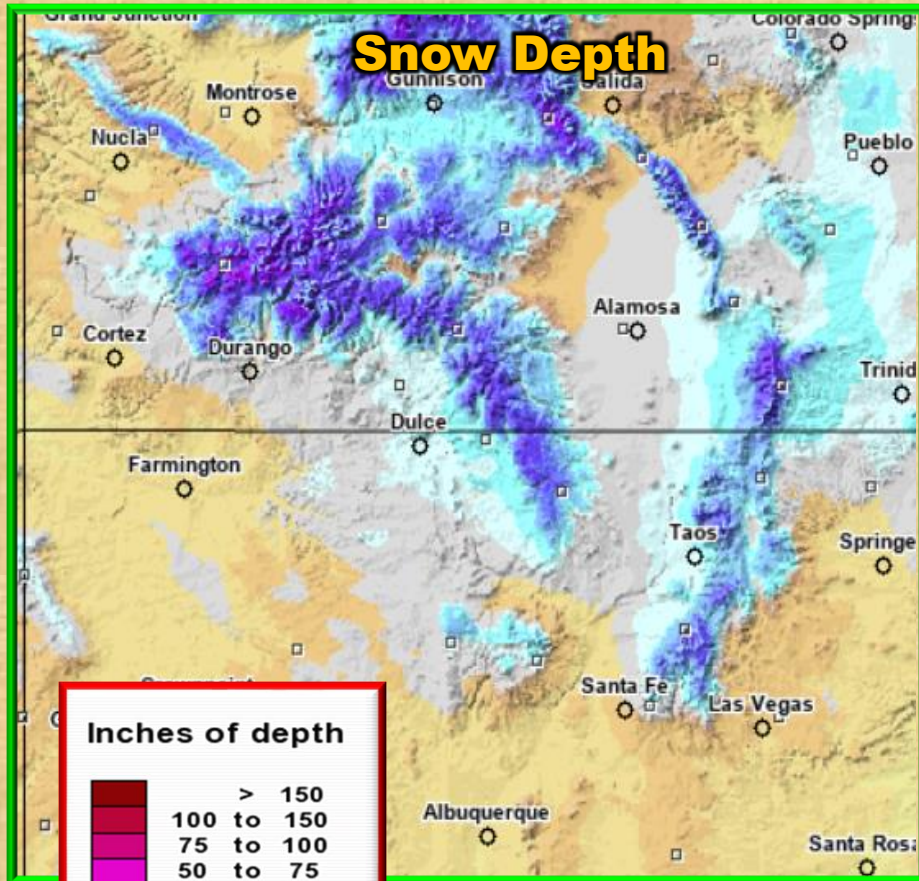
Oct 29, 2024



January 31 Snow Depth Upper Rio Grande Basin

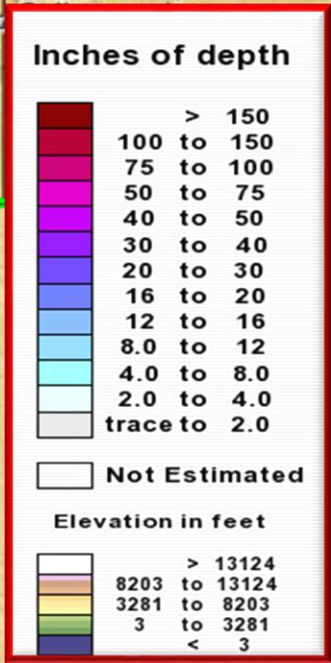
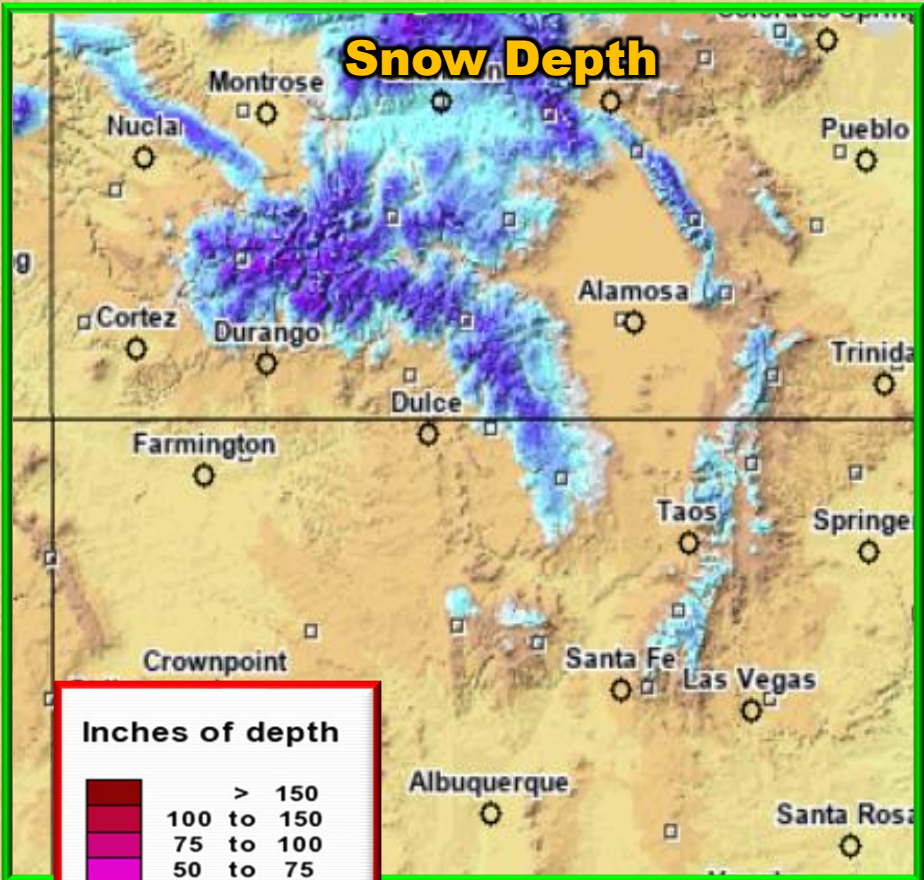


Snow Data Upper Rio Grande Basin as of Jan 31, 2025

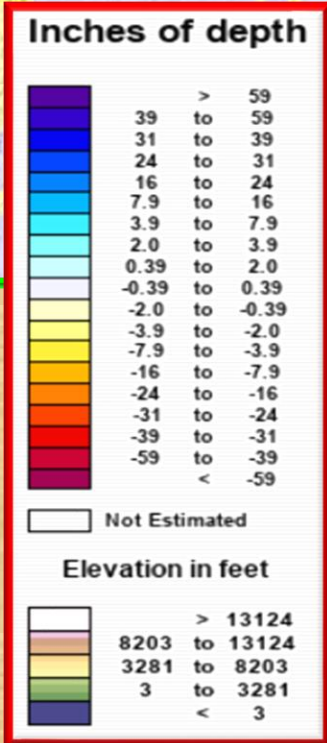
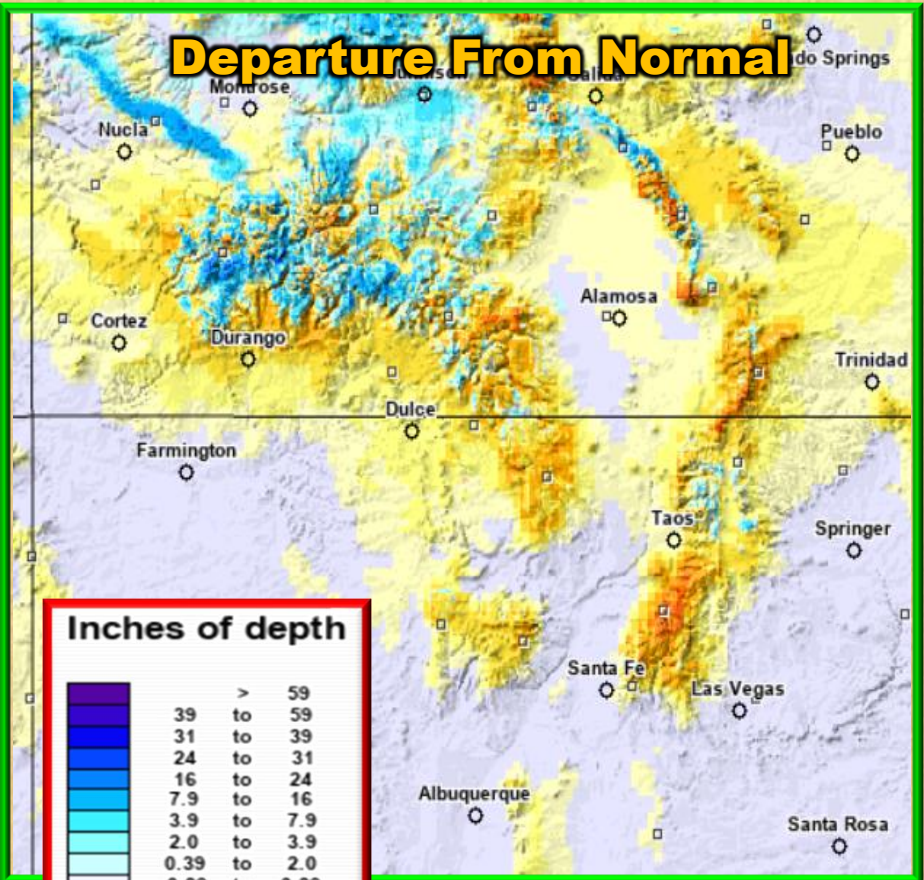


Snow Data Upper Rio Grande Basin as of Dec 31, 2024

Snow Depth

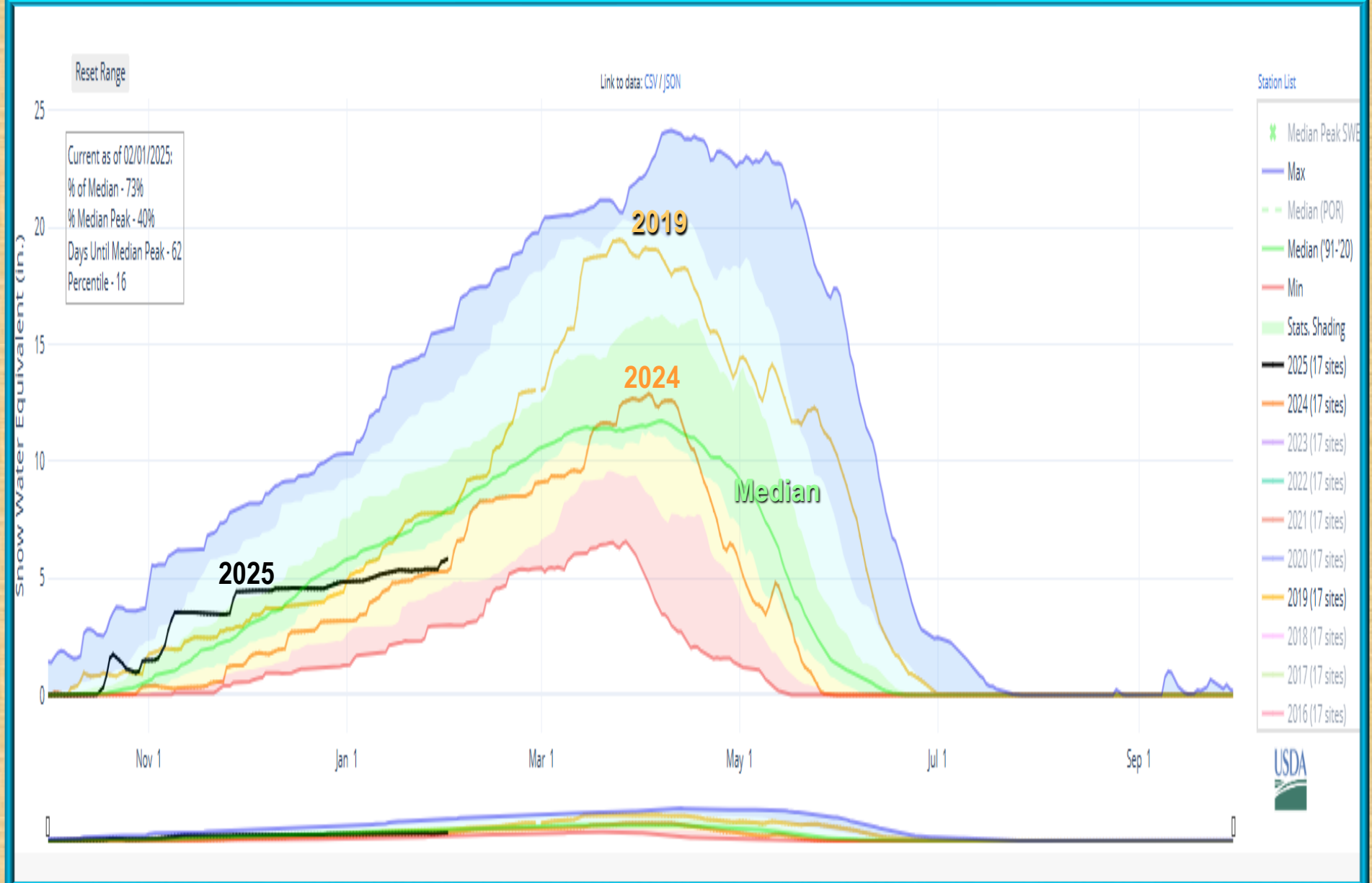


Departure From Normal



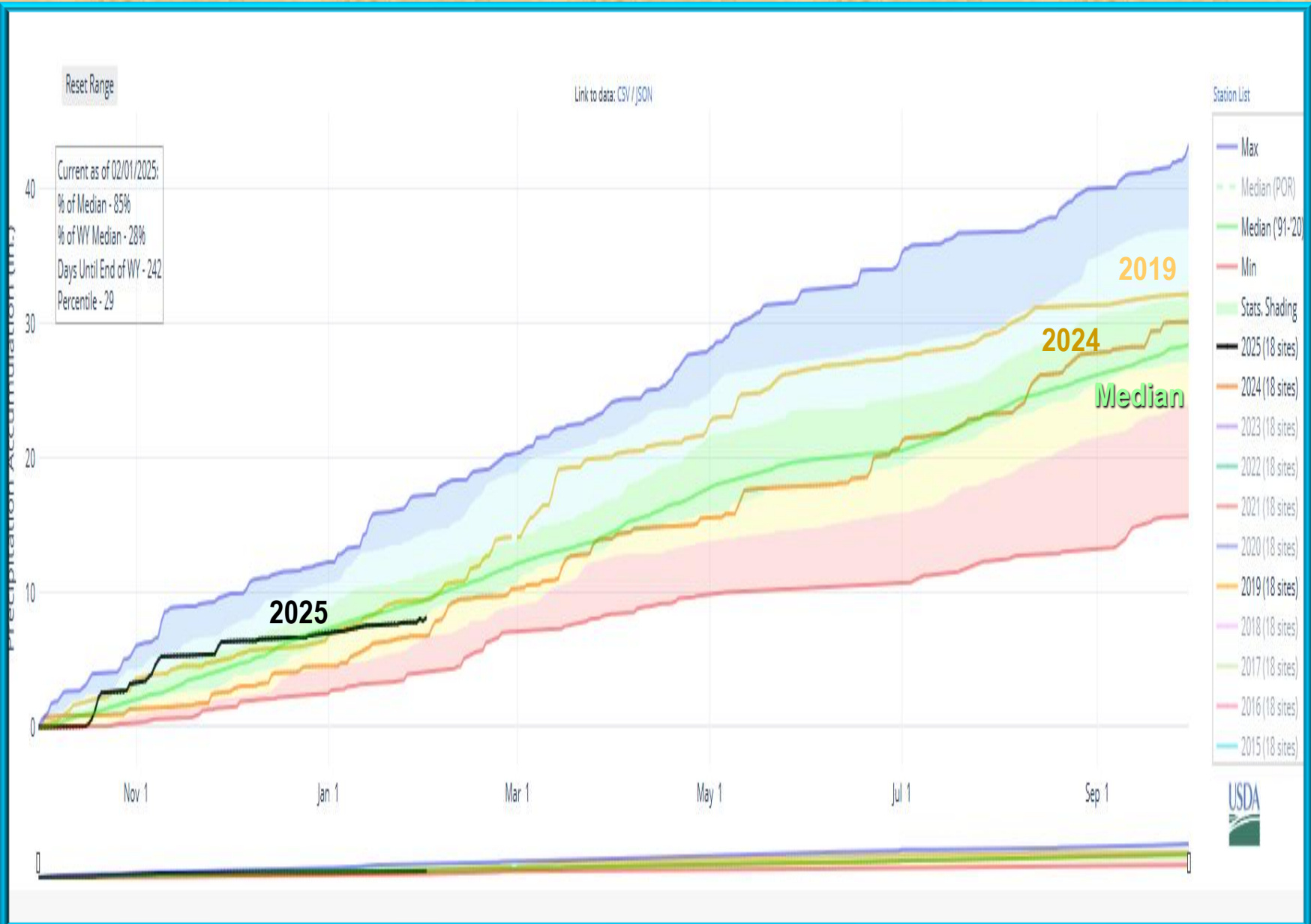
Snow Water Equivalent as of Jan 31, 2025

Compare to last few years and average values



Precipitation for the Water YTD Oct 1 – Jan 31, 2025

Compare to last few years and average values

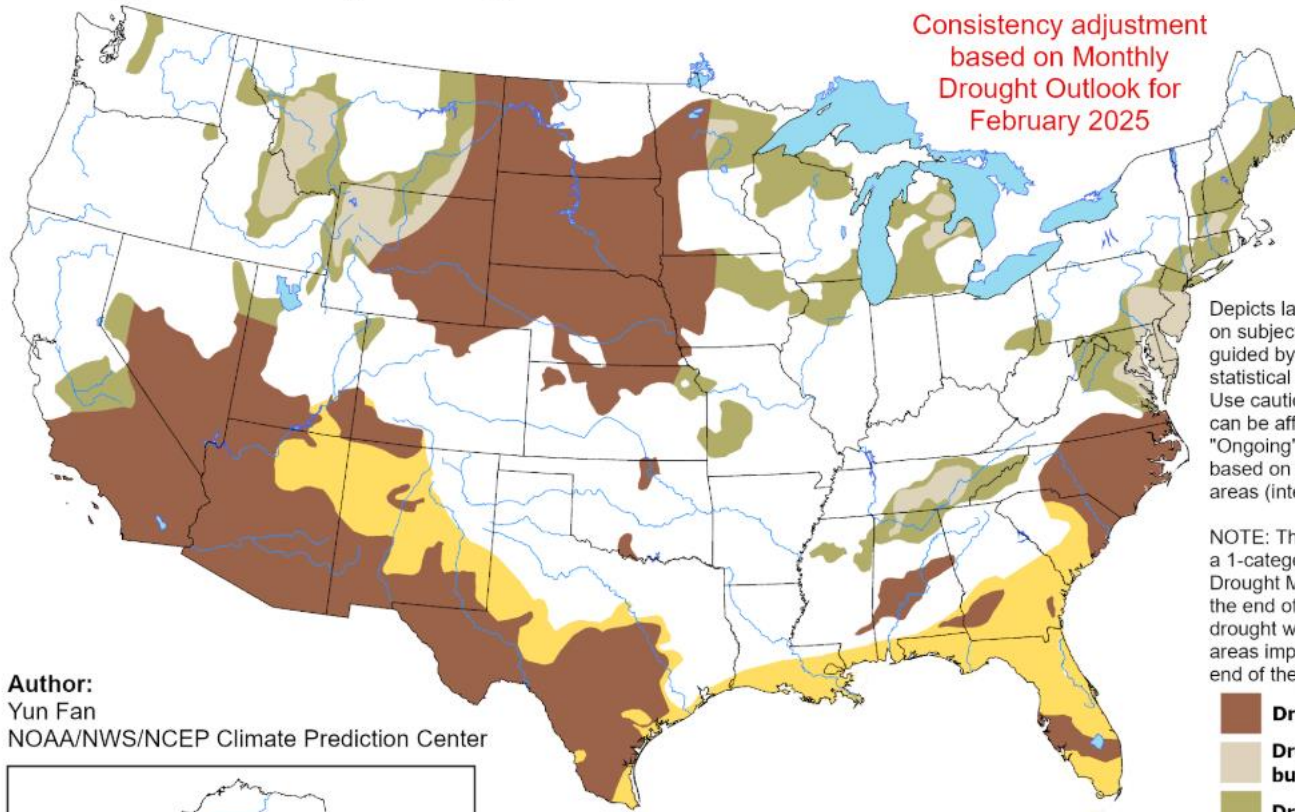


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for February 1 - April 30, 2025
Released January 31, 2025

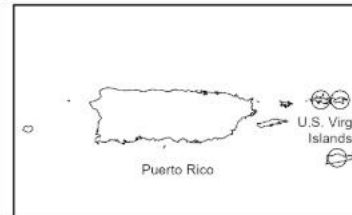
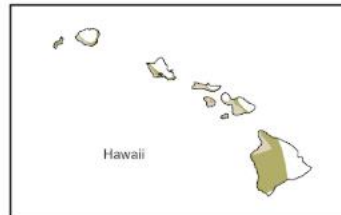
Consistency adjustment
based on Monthly
Drought Outlook for
February 2025



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:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center



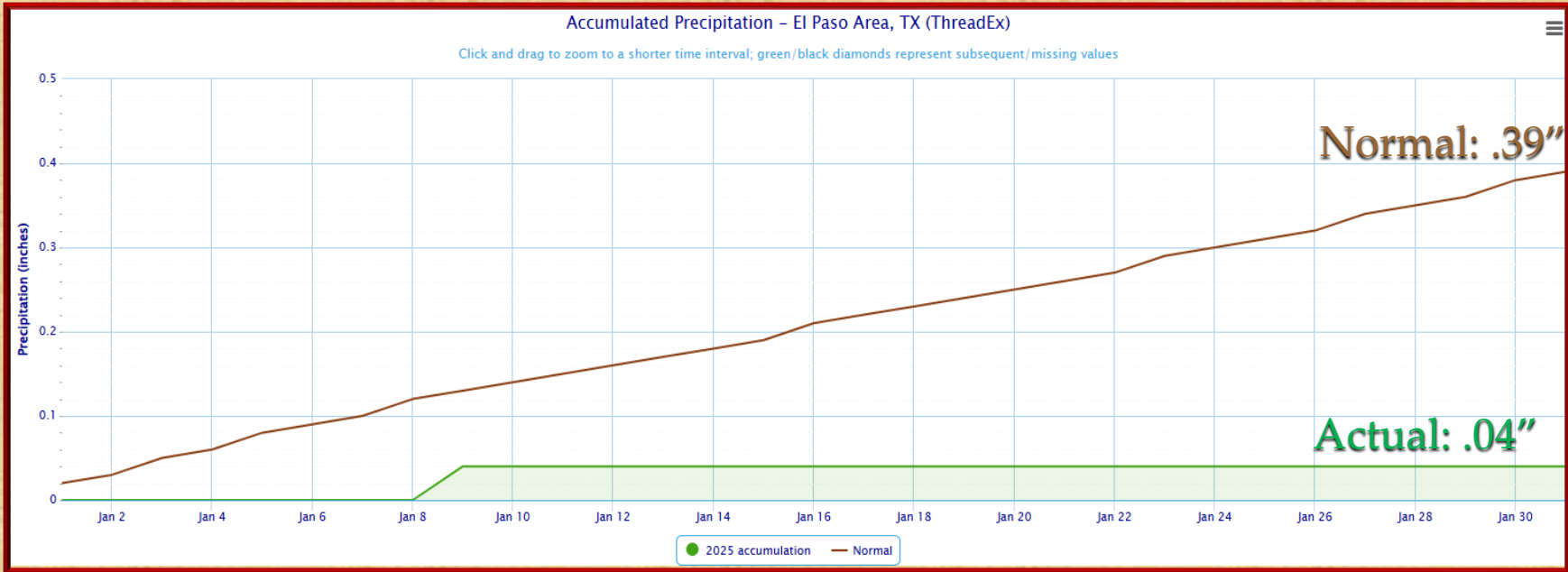
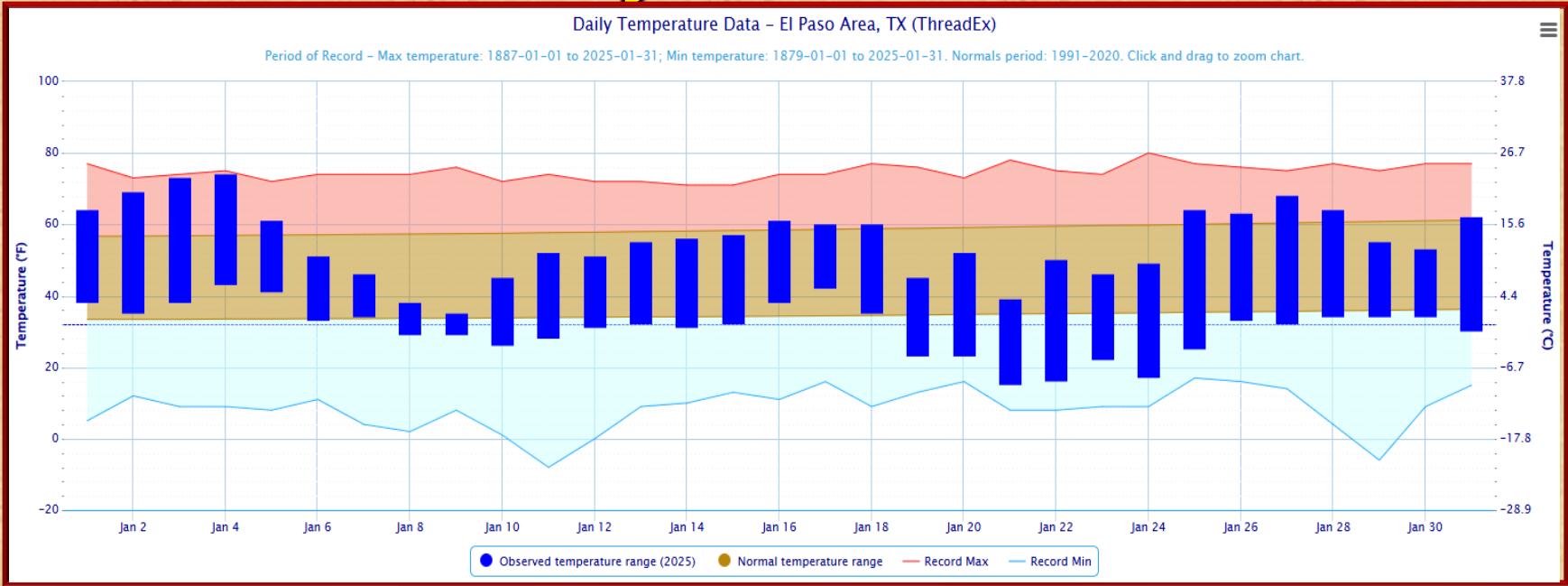
-  **Drought persists**
-  **Drought remains, but improves**
-  **Drought removal likely**
-  **Drought development likely**
-  **No drought**



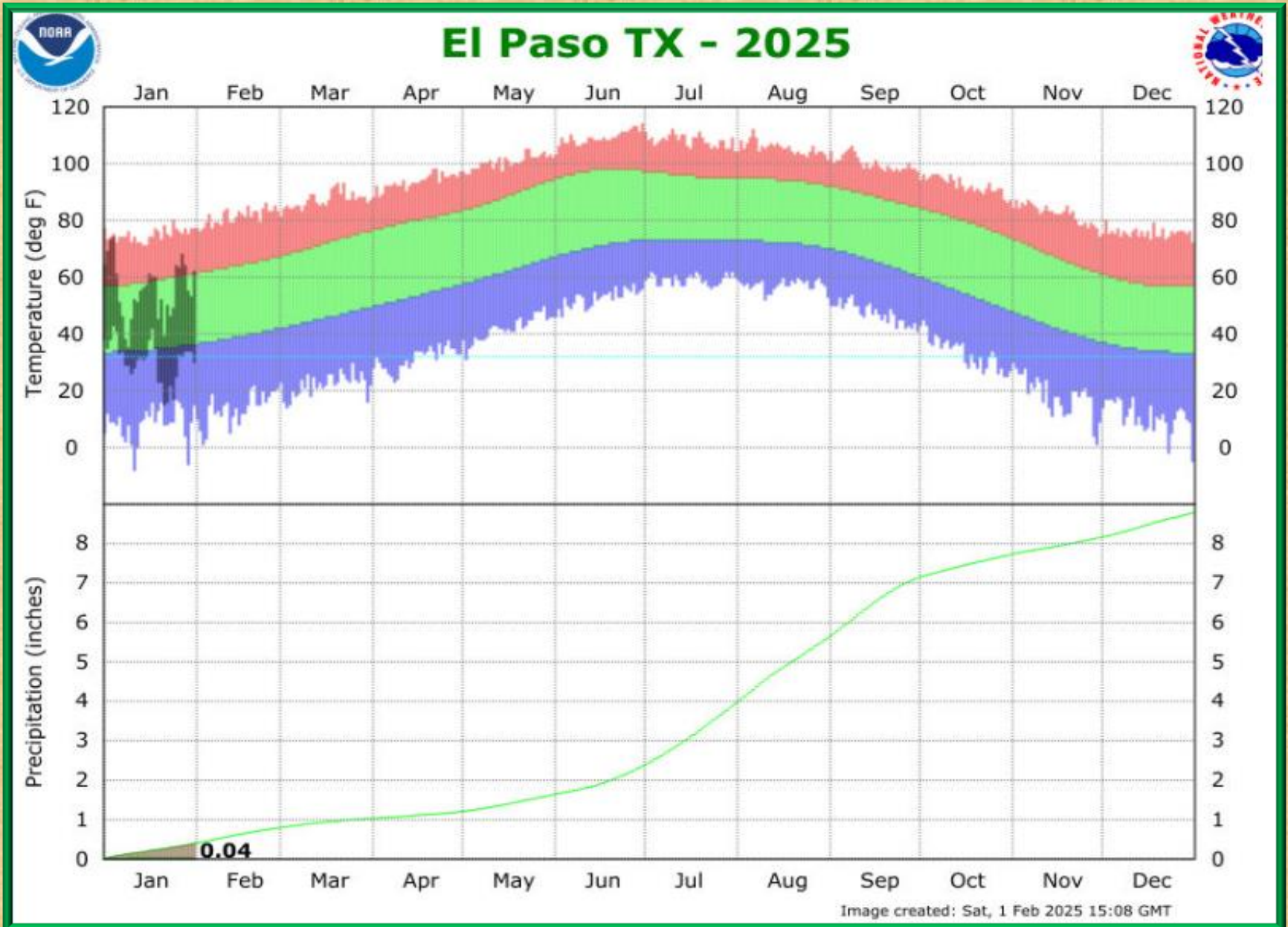
<https://go.usa.gov/3eZ73>

Temperature and precipitation data for January 2025 in El Paso

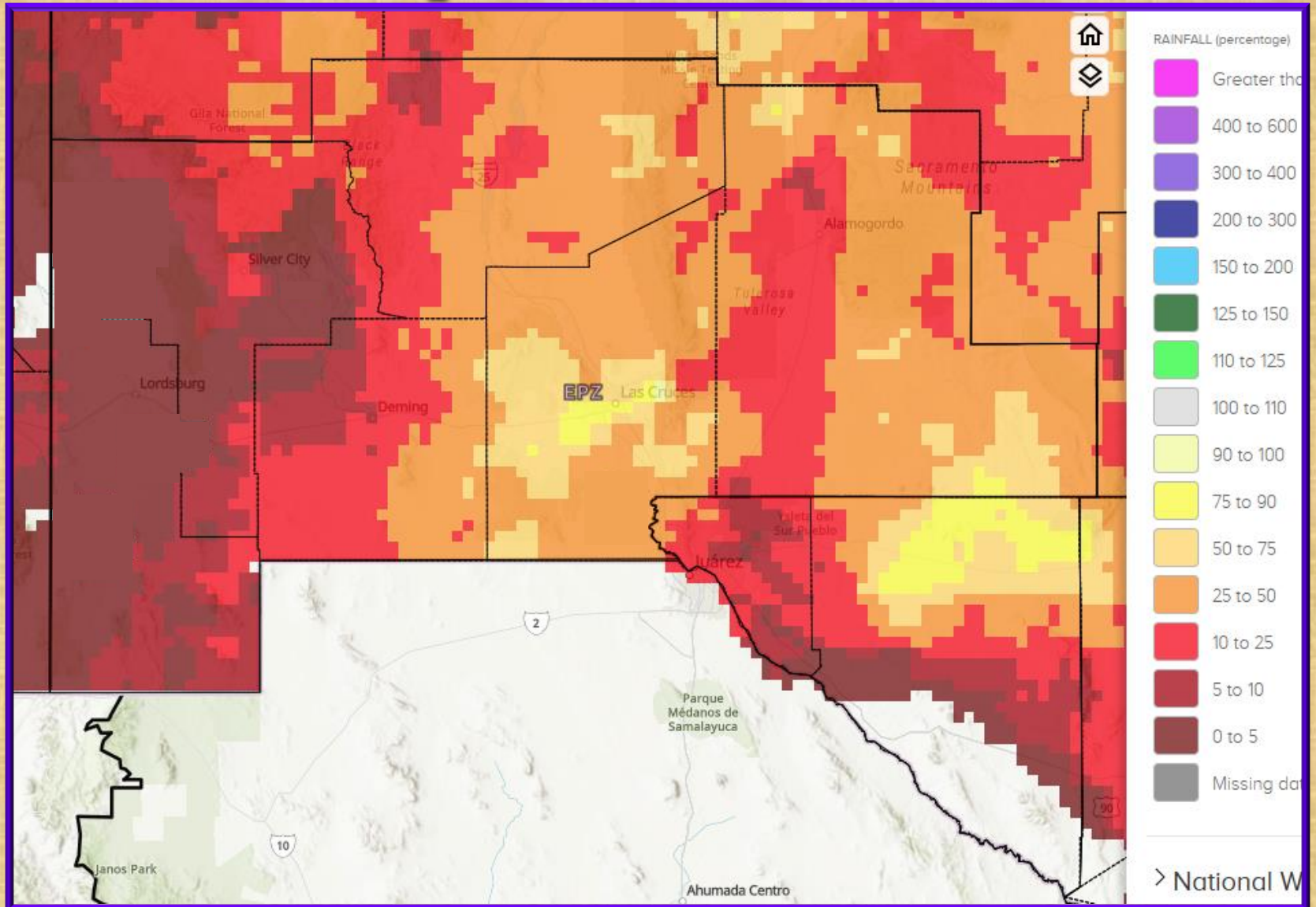
○ = record



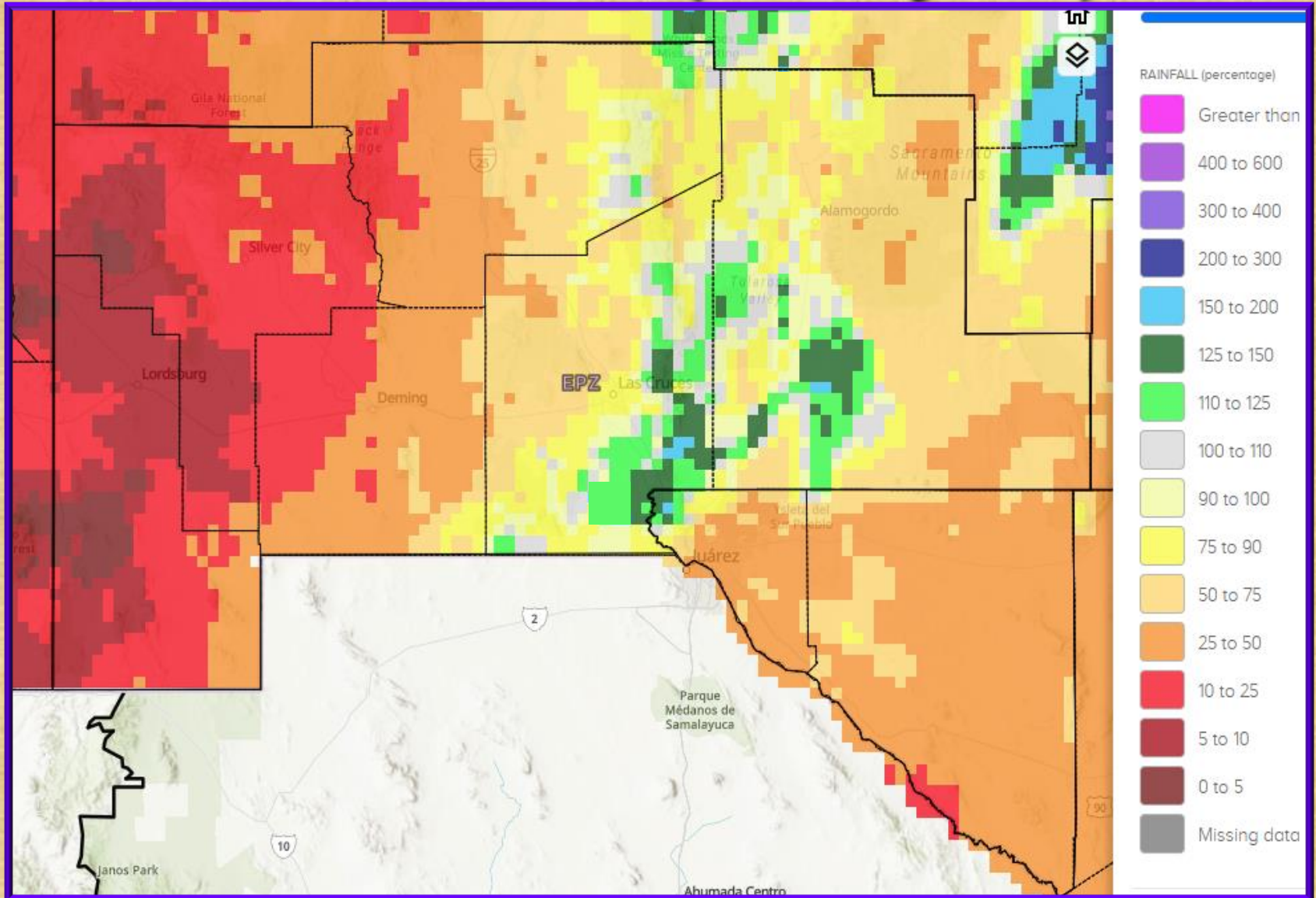
Temperature and Precipitation Year end 2025 for El Paso



January 2025 rainfall estimate percent of normal



Radar rainfall estimate percent of normal for the Water Year (Oct 1 – Jan 31)



Temperature and precipitation outlook For Feb 2025

Temperature

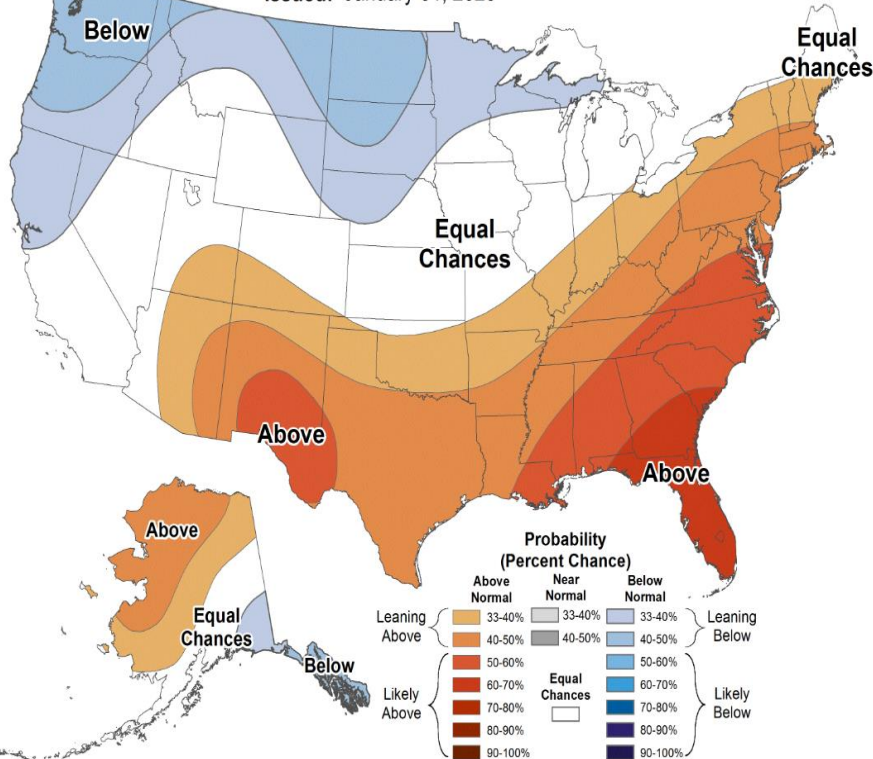
Precipitation



Monthly Temperature Outlook



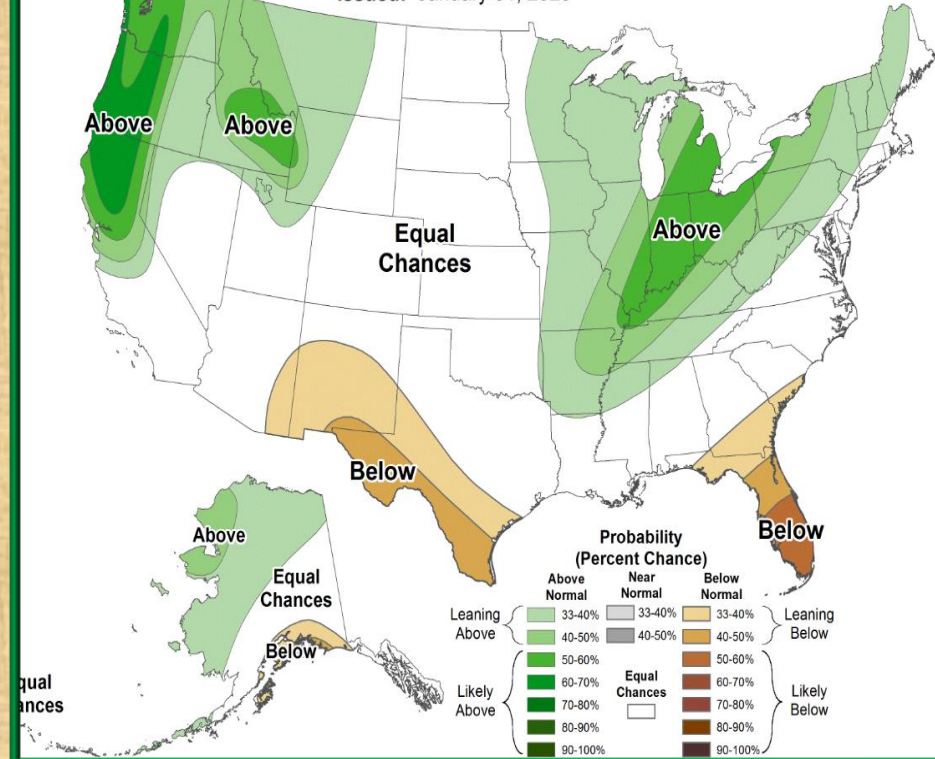
Valid: February 2025
Issued: January 31, 2025



Monthly Precipitation Outlook



Valid: February 2025
Issued: January 31, 2025



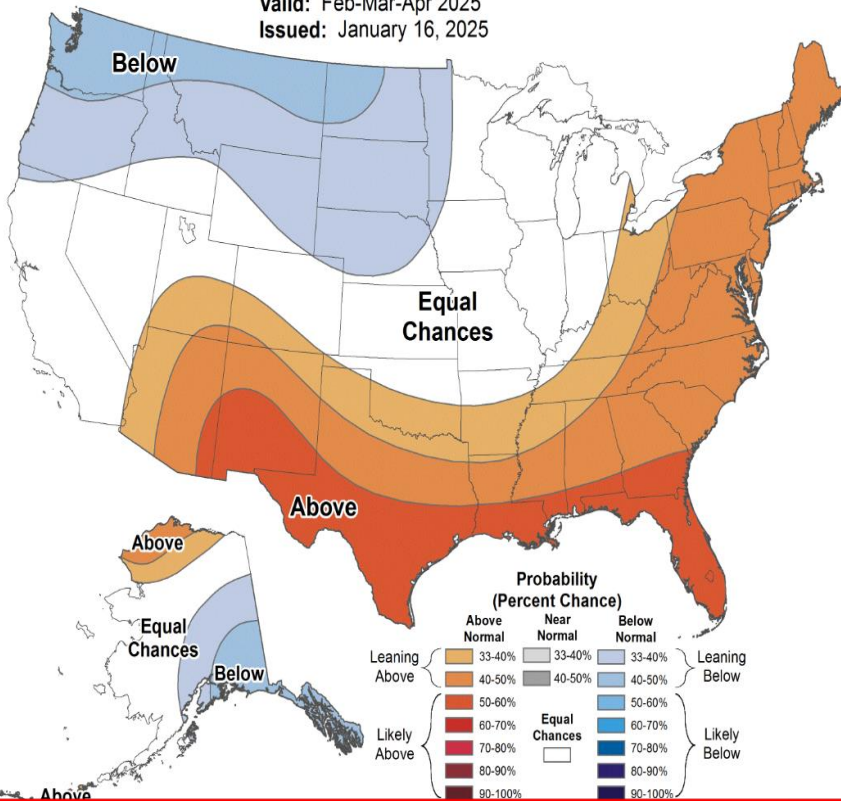
Temperature and precipitation outlook for Feb-Apr 2025

Temperature

Precipitation

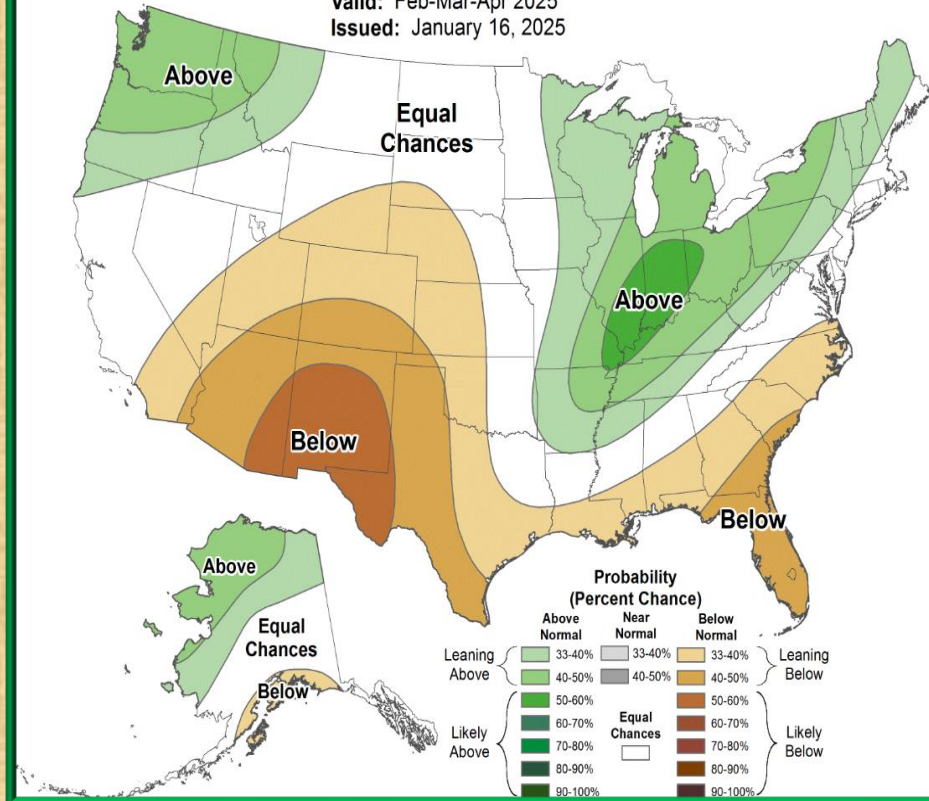
Seasonal Temperature Outlook

Valid: Feb-Mar-Apr 2025
Issued: January 16, 2025



Seasonal Precipitation Outlook

Valid: Feb-Mar-Apr 2025
Issued: January 16, 2025



Temperature and precipitation outlook for May-Jul 2025

Temperature

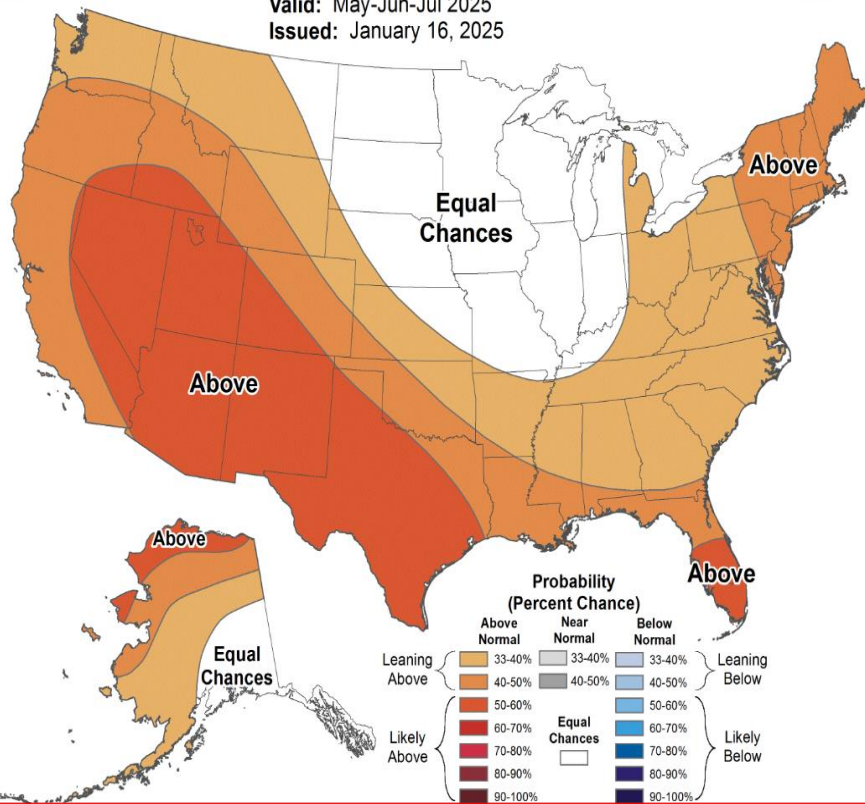
Precipitation



Seasonal Temperature Outlook



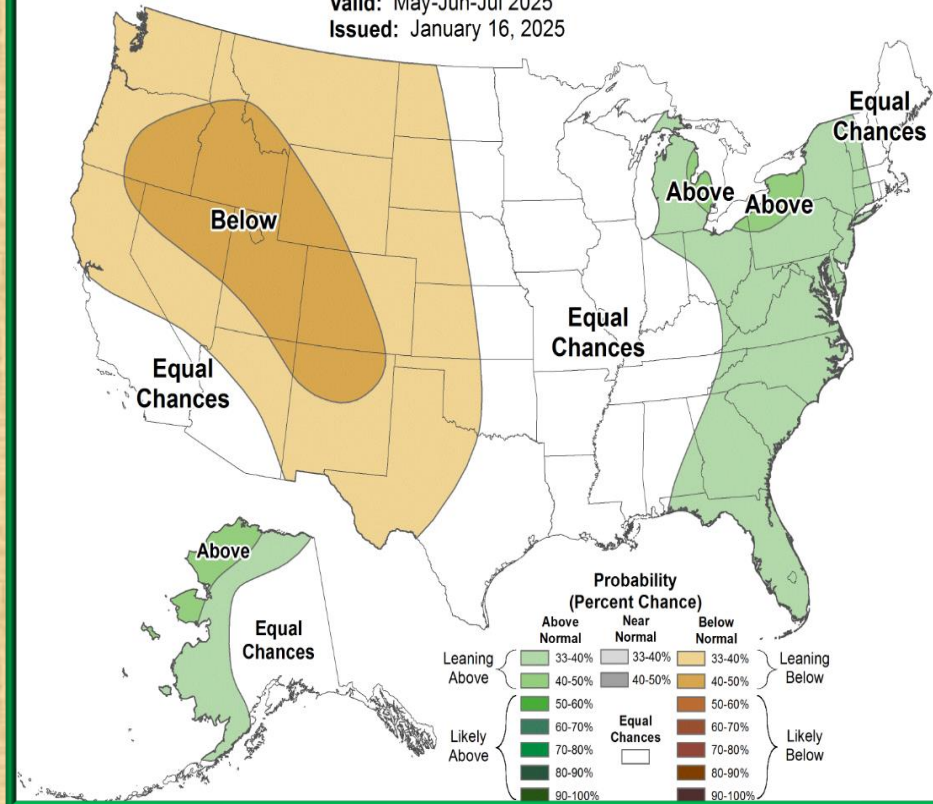
Valid: May-Jun-Jul 2025
Issued: January 16, 2025



Seasonal Precipitation Outlook

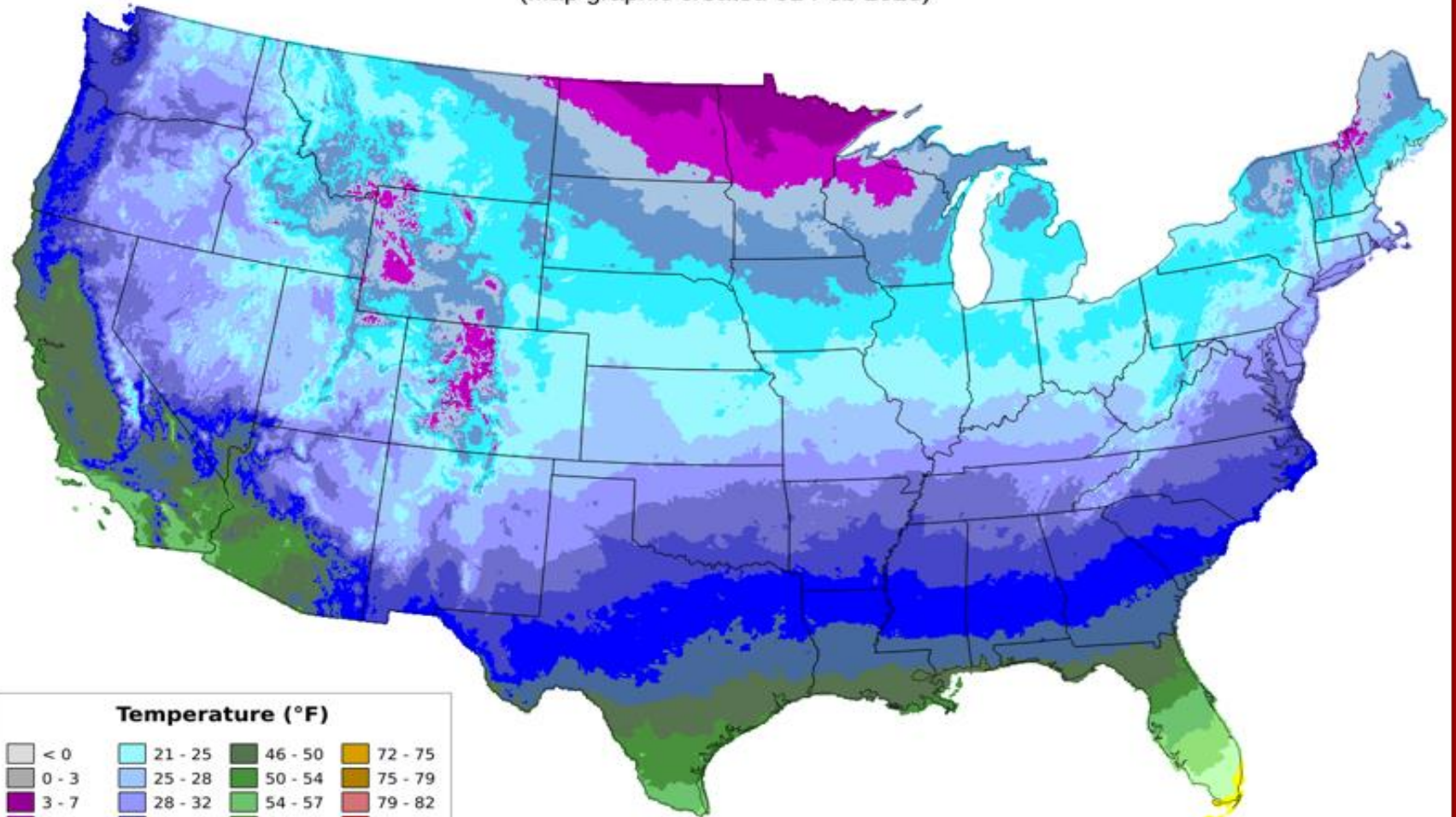


Valid: May-Jun-Jul 2025
Issued: January 16, 2025



Average Daily Mean Temperature for January 2025

Average Daily Mean Temperature: 01 Jan 2025 - 31 Jan 2025
Period ending 7 AM EST 31 Jan 2025
(Map graphic created 01 Feb 2025)



Temperature (°F)

< 0	21 - 25	46 - 50	72 - 75
0 - 3	25 - 28	50 - 54	75 - 79
3 - 7	28 - 32	54 - 57	79 - 82
7 - 10	32 - 36	57 - 61	82 - 86
10 - 14	36 - 39	61 - 64	86 - 90
14 - 18	39 - 43	64 - 68	> 90
18 - 21	43 - 46	68 - 72	

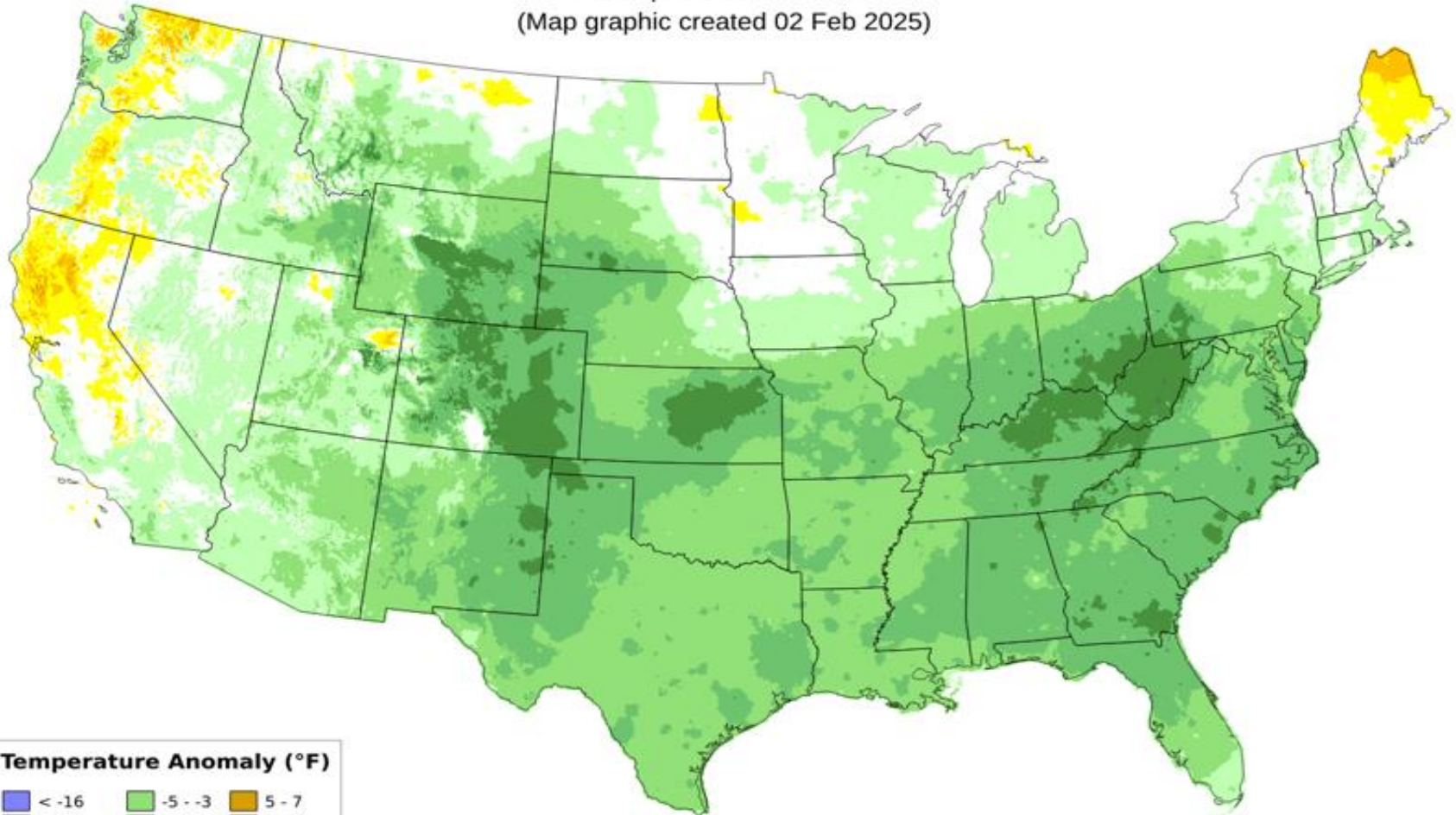
Daily Mean Temperature Departure from Normal, January 2025

Daily Mean Temperature Anomaly: Jan 2025

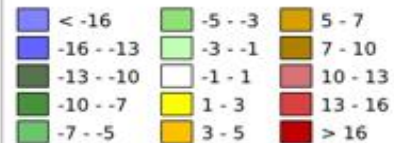
Period ending 7 AM EST 31 Jan 2025

Base period: 1991-2020

(Map graphic created 02 Feb 2025)



Temperature Anomaly (°F)

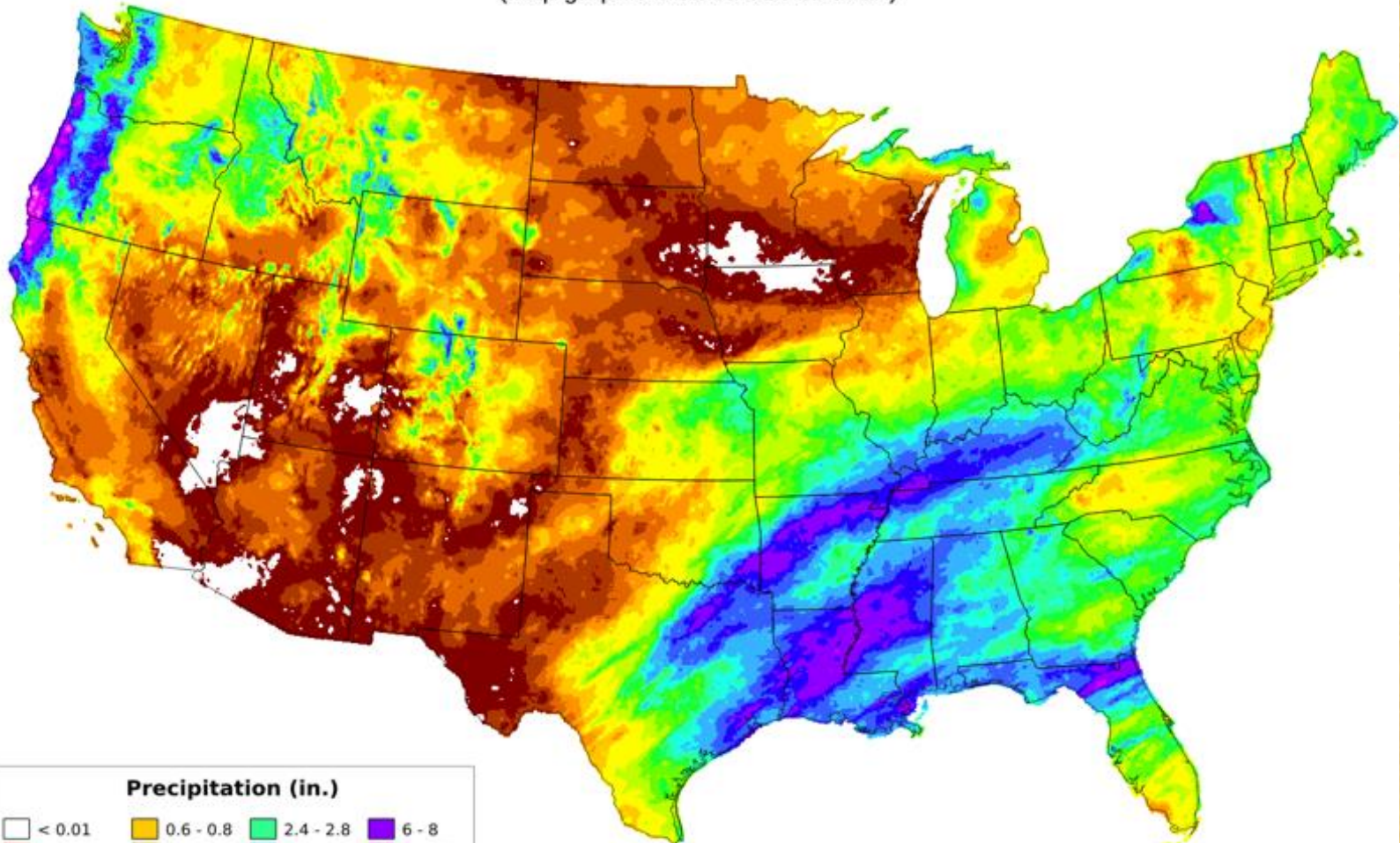


Total Precipitation for January 2025

Total Precipitation: 01 Jan 2025 - 31 Jan 2025

Period ending 7 AM EST 31 Jan 2025

(Map graphic created 01 Feb 2025)



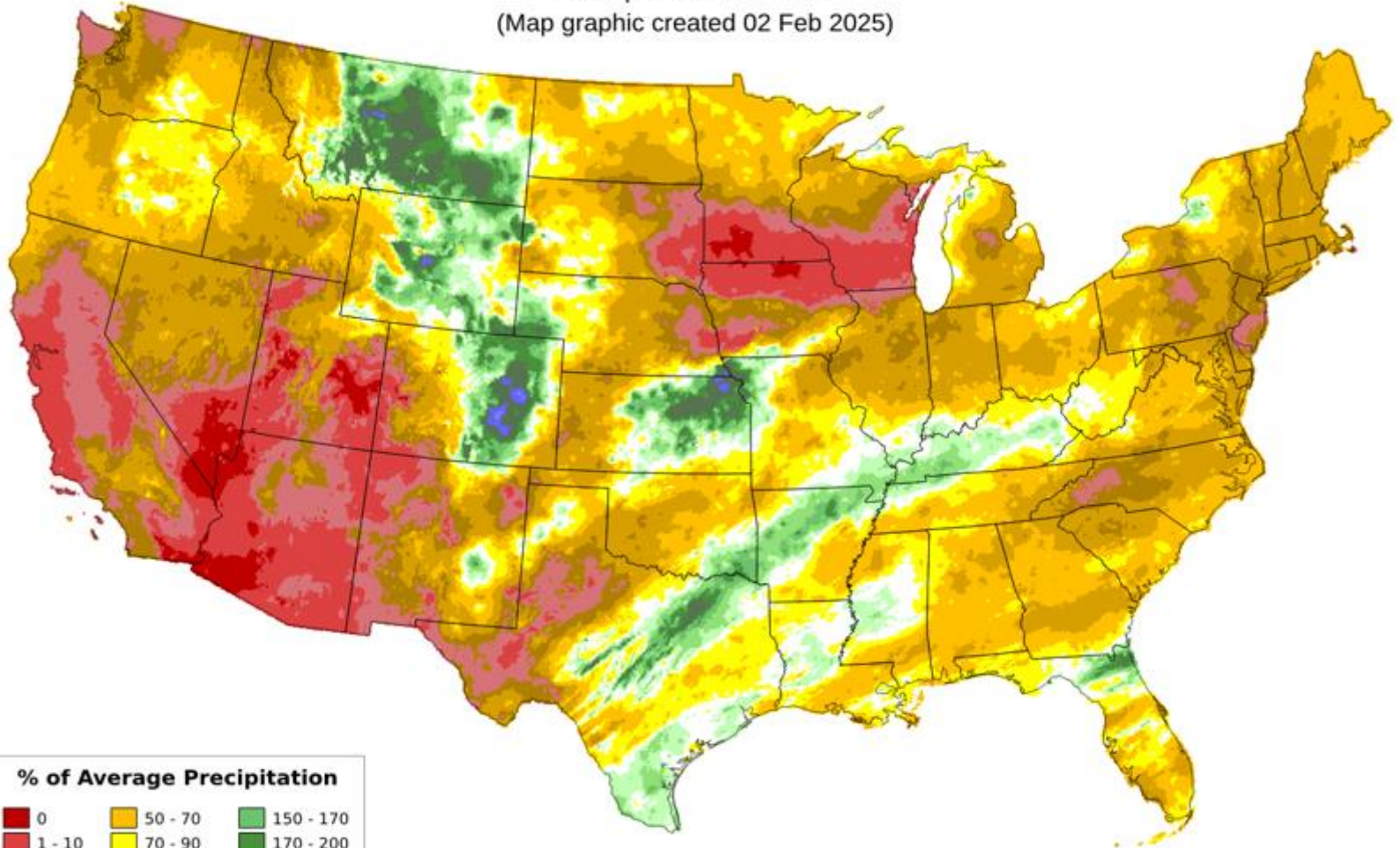
Percent of Normal Precipitation for January 2025

Total Precipitation Anomaly: Jan 2025

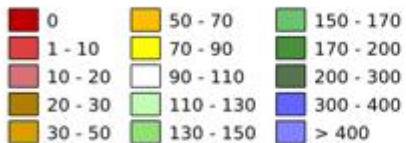
Period ending 7 AM EST 31 Jan 2025

Base period: 1991-2020

(Map graphic created 02 Feb 2025)



% of Average Precipitation



Selected Weather Reports January 2025

Date/Time	Location (County)	Event
JAN 10 700 AM	MAYHILL 4 SSE-OTERO	7.0 INCHES SNOW
JAN 10 700 AM	CLOUDCROFT .4 ESE-OTERO	6.7 INCHES SNOW
JAN 10 624 AM	MESILLA 5NNW-DONA ANA	3.7 INCHES SNOW
JAN 10 700 AM	HILLSBORO-SIERRA	3.5 INCHES SNOW
JAN 10 700 AM	KINGSTON-SIERRA	3.5 INCHES SNOW
JAN 10 700 AM	LAS CRUCES 4 SSW-DONA ANA	3.0 INCHES SNOW
JAN 10 700 AM	DEMING 16 ESE-LUNA	2.8 INCHES SNOW
JAN 10 700 AM	SILVER CITY 1NNE-GRANT	2.5 INCHES SNOW
JAN 10 700 AM	BAYARD 9 ENE-GRANT	2.2 INCHES SNOW
JAN 10 700 AM	UNIVERSITY PARK-DONA ANA	2.0 INCHES SNOW
JAN 10 600 AM	LA LUZ-OTERO	1.5 INCHES SNOW
JAN 10 700 AM	GILA HOT SPRINGS-GRANT	1.3 INCHES SNOW

Selected Weather Reports January 2025

Date/Time	Location (County)	Event
JAN 10 700 AM	MESILLA 2E-DONA ANA	1.1 INCHES SNOW
JAN 10 700 AM	MESQUITE 3NW-DONA ANA	1.0 INCHES SNOW
JAN 21 700 AM	CLOUDCROFT 1.1NW-OTERO	-4 DEG MIN TEMPERATURE
JAN 21 814 AM	LAKE ROBERTS-GRANT	-3 DEG MIN TEMPERATURE
JAN 21 600 AM	GILA HOT SPRINGS 1W-GRANT	-2 DEG MIN TEMPERATURE
JAN 21 501 AM	MAYHILL-OTERO	-2 DEG MIN TEMPERATURE
JAN 21 645 AM	TIMBERON-OTERO	-1 DEG MIN TEMPERATURE
JAN 21 741 AM	MESCALERO-OTERO	-1 DEG MIN TEMPERATURE
JAN 21 755 AM	WINSTON-SIERRA	0 DEG MIN TEMPERATURE
JAN 21 715 AM	GRANT CO AIRPORT-GRANT	1 DEG MIN TEMPERATURE
JAN 21 745 AM	SILVER CITY VALLEY DRIVE-GRANT	3 DEG MIN TEMPERATURE
JAN 21 800 AM	PINOS ALTOS-GRANT	5 DEG MIN TEMPERATURE

Selected Weather Reports January 2025

Date/Time	Location (County)	Event
JAN 21 600 AM	KINGSTON-SIERRA	6 DEG MIN TEMPERATURE
JAN 21 1053 AM	T OR C AIRPORT-SIERRA	8 DEG MIN TEMPERATURE
JAN 21 712 AM	SIERRA BLANCA-HUDSPETH	10 DEG MIN TEMPERATURE
JAN 21 1205 AM	SANTA TERESA 3W-DONA ANA	18 DEG MIN TEMPERATURE
JAN 22 700 AM	MULE CREEK-GRANT	-1 DEG MIN TEMPERATURE
JAN 22 649 AM	LAKE ROBERTS-GRANT	1 DEG MIN TEMPERATURE
JAN 22 716 AM	ALAMOGORDO-OTERO	3 DEG MIN TEMPERATURE
JAN 22 145 AM	WINSTON-SIERRA	5 DEG MIN TEMPERATURE
JAN 22 700 AM	LORDSBURG PLAYA MP12-HIDALGO	6 DEG MIN TEMPERATURE
JAN 22 555AM	SPACEPORT AMERICA-SIERRA	6 DEG MIN TEMPERATURE
JAN 22 705 AM	DELL CITY-HUDSPETH	8 DEG MIN TEMPERATURE
JAN 22 715 AM	ANTHONY-EL PASO	9 DEG MIN TEMPERATURE

Selected Weather Reports January 2025

Date/Time	Location (County)	Event
JAN 22 755 AM	MESCALERO-OTERO	9 DEG MIN TEMPERATURE
JAN 22 640 AM	FABENS-EL PASO	10 DEG MIN TEMPERATURE
JAN 22 553 AM	DEMING-LUNA	10 DEG MIN TEMPERATURE
JAN 22 535 AM	LAS CRUCES AIRPORT-DONA ANA	10 DEG MIN TEMPERATURE
JAN 22 659 AM	SANTA TERESA NWS-DONA ANA	10 DEG MIN TEMPERATURE
JAN 22 145 AM	TIMBERON-OTERO	11 DEG MIN TEMPERATURE
JAN 22 555 AM	ANIMAS-HIDALGO	11 DEG MIN TEMPERATURE
JAN 22 655 AM	BIGGS FIELD-EL PASO	11 DEG MIN TEMPERATURE
JAN 22 653 AM	T OR C AIRPORT-SIERRA	12 DEG MIN TEMPERATURE
JAN 30 230 PM	SAN AUGUSTIN PASS-DONA ANA	60 MPH PEAK WIND SPEED
JAN 30 1228 PM	SIERRA BLANCA-HUDSPETH	47 MPH PEAK WIND SPEED
JAN 30 334 PM	EL PASO INTL AIRPORT-EL PASO	43 MPH PEAK WIND SPEED

Selected Weather Reports January 2025

Date/Time	Location (County)	Event
JAN 30 1254 PM	DEMING AIRPORT-LUNA	43 MPH PEAK WIND SPEED
JAN 30 1255 PM	LAS CRUCES AIRPORT-DONA ANA	41 MPH PEAK WIND SPEED
JAN 30 725 PM	WSMR MAIN POST-DONA ANA	41 MPH PEAK WIND SPEED
JAN 30 300 PM	MAYHILL-OTERO	41 MPH PEAK WIND SPEED
JAN 30 127 PM	T OR C AIRPORT-SIERRA	41 MPH PEAK WIND SPEED
JAN 30 1131 AM	DELL CITY-HUDSPETH	40 MPH PEAK WIND SPEED
JAN 30 219 PM	LORDSBURG 1SE-HIDALGO	38 MPH PEAK WIND SPEED
JAN 30 135 PM	GRANT CO AIRPORT-GRANT	38 MPH PEAK WIND SPEED
JAN 30 1159 AM	SANTA TERESA NWS-DONA ANA	37 MPH PEAK WIND SPEED
JAN 30 1045 AM	SILVER CITY MTN VIEW-GRANT	35 MPH PEAK WIND SPEED

Special Features

www.weather.gov/epz/elpwindrosedata

Month: JANUARY

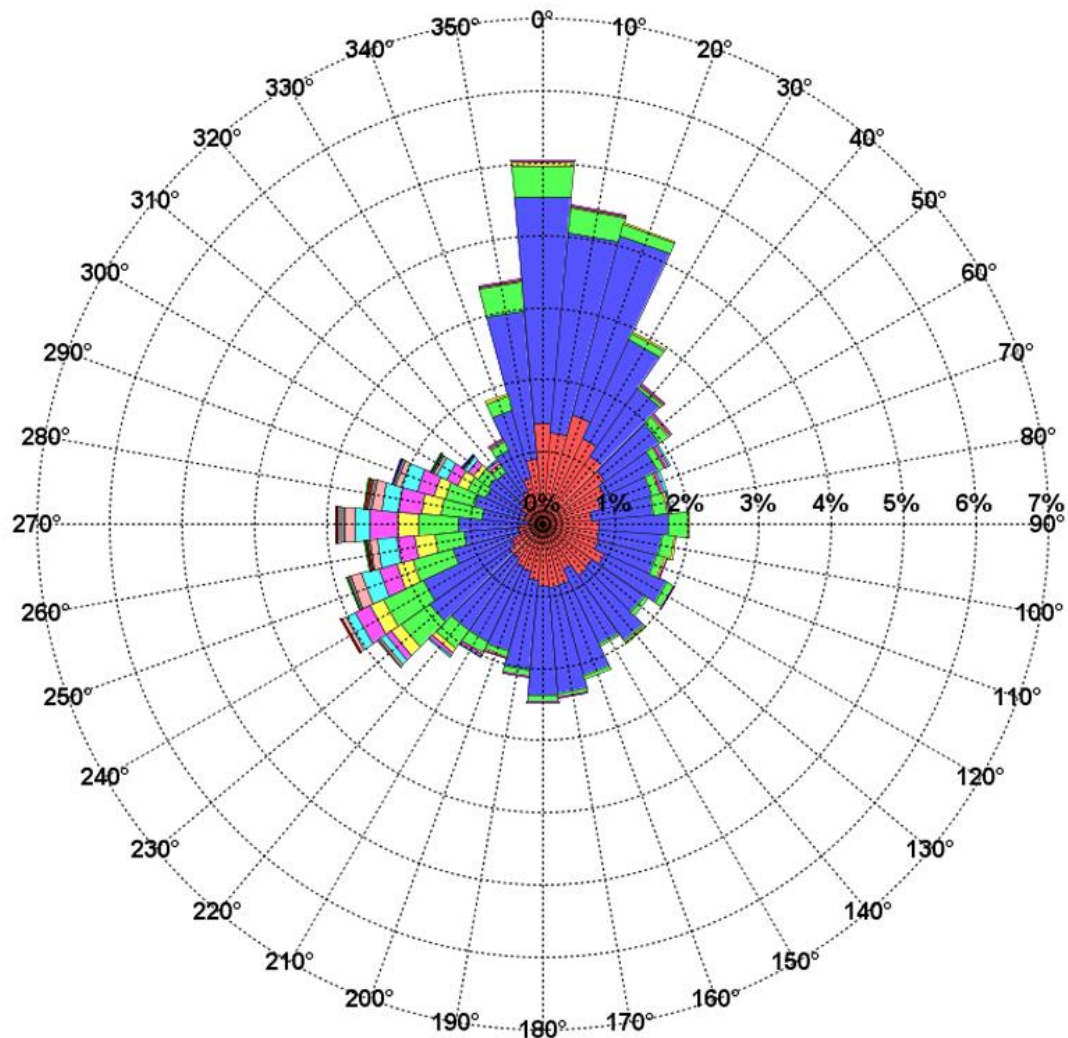
Calm: 13.27%

Variable: 1.45%

WindRose - KELP - EL PASO INTL

% Frequency of Wind Speed from a Direction

POR:19730101-20140602



Local forecast by "City, St" or ZIP code
 Enter location ...
[Location Help](#)

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

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather **Local Programs**

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

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather **Local Programs**

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.