

# Gila NF Precipitation as of 0600 October 16, 2025

**ERC**

Gila NF 2000-2024  
Historical Average  
Precipitation  
Jan-Sep = 13.88"  
Oct = 1.28"

## October Precip Actual

Slaughter Mesa – 0.96

Luna – 0.81

Reserve – 0.74

Mogollon – 3.31

Pelona – 1.47

T-Bar – 1.30

Beaverhead – 1.38

Gila Center – 2.20

Burro Mt – 0.90

Gila NF Oct Average = 1.45

Gila NF Avg

**24**

**24**

Slaughter Mesa

Jan-Sep – 6.97"

Oct – 0.96"

**17** Luna

Jan-Sep – 7.99"

Oct – 0.81"

**25** Reserve

Jan - Sep – 6.99"

Oct – 0.74"

Pelona **25**

Jan-Sep – 7.54"

Oct – 1.47"

T-Bar

Apr-Sep – 6.09"

Oct – 1.30"

Beaverhead **25**

Jan-Sep – 6.45"

Oct – 1.38"

**26** Mogollon

Jan-Sep – 7.58"

Oct – 3.31"

Gila Center **22**

Jan-Sep – 7.08"

Oct – 2.20"

**27**

Burro Mt

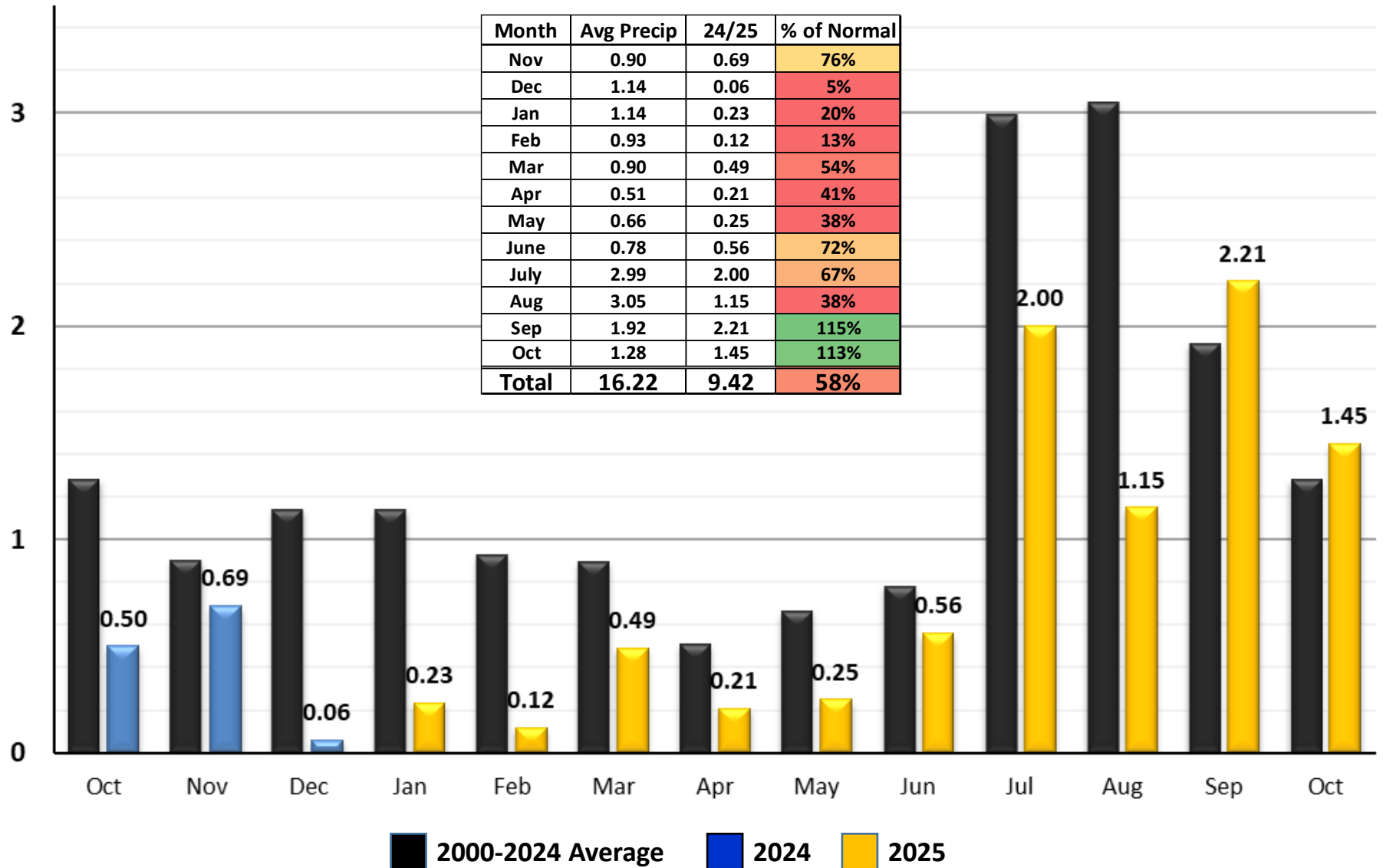
Jan-Sep – 7.79"

Oct – 0.90"

## Gila NF Precipitation - Historical Compared to 2024/2025

(All Gila NF RAWS Averaged as of 0600 October 16, 2025)

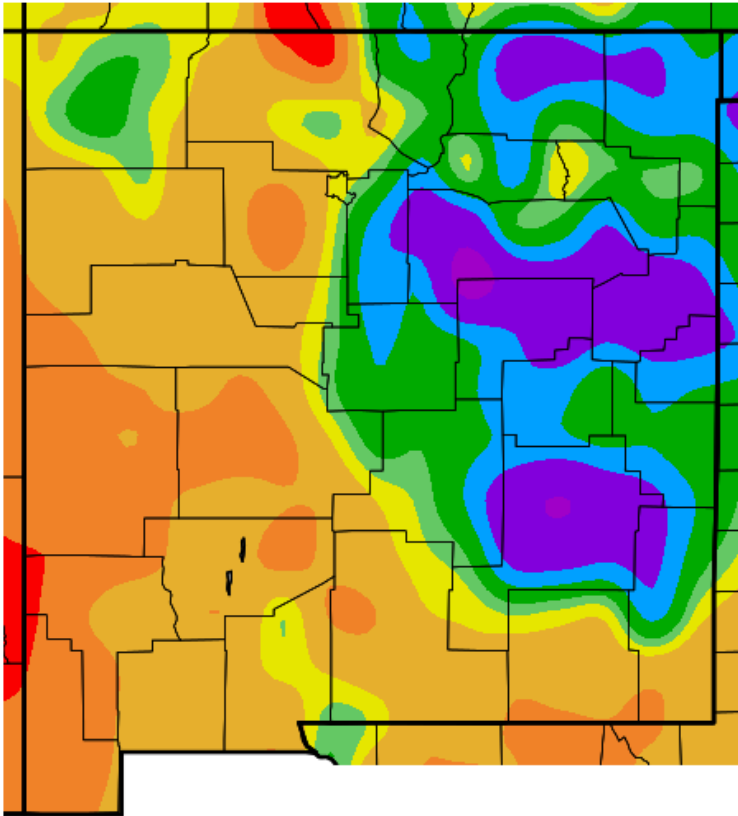
| Month | Avg Precip | 24/25 | % of Normal |
|-------|------------|-------|-------------|
| Nov   | 0.90       | 0.69  | 76%         |
| Dec   | 1.14       | 0.06  | 5%          |
| Jan   | 1.14       | 0.23  | 20%         |
| Feb   | 0.93       | 0.12  | 13%         |
| Mar   | 0.90       | 0.49  | 54%         |
| Apr   | 0.51       | 0.21  | 41%         |
| May   | 0.66       | 0.25  | 38%         |
| June  | 0.78       | 0.56  | 72%         |
| July  | 2.99       | 2.00  | 67%         |
| Aug   | 3.05       | 1.15  | 38%         |
| Sep   | 1.92       | 2.21  | 115%        |
| Oct   | 1.28       | 1.45  | 113%        |
| Total | 16.22      | 9.42  | 58%         |



# Precipitation

## Past 12 Months

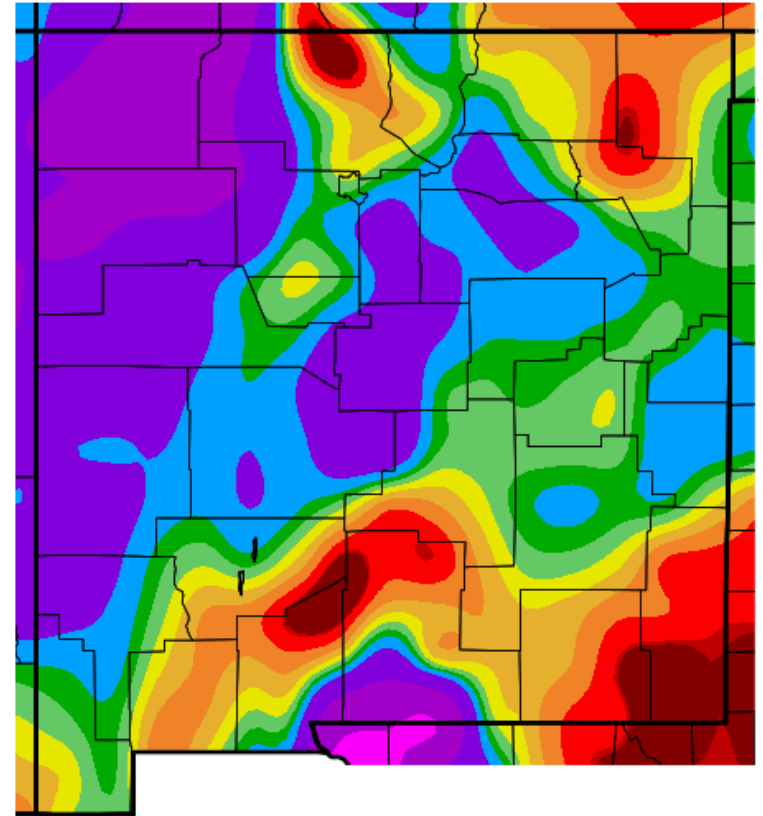
Percent of Average Precipitation (%)  
10/15/2024 – 10/14/2025



5 25 50 70 90 100 110 130 150 200 300  
Generated 10/15/2025 at WRCC using provisional data.  
NOAA Regional Climate Centers

## October to Date

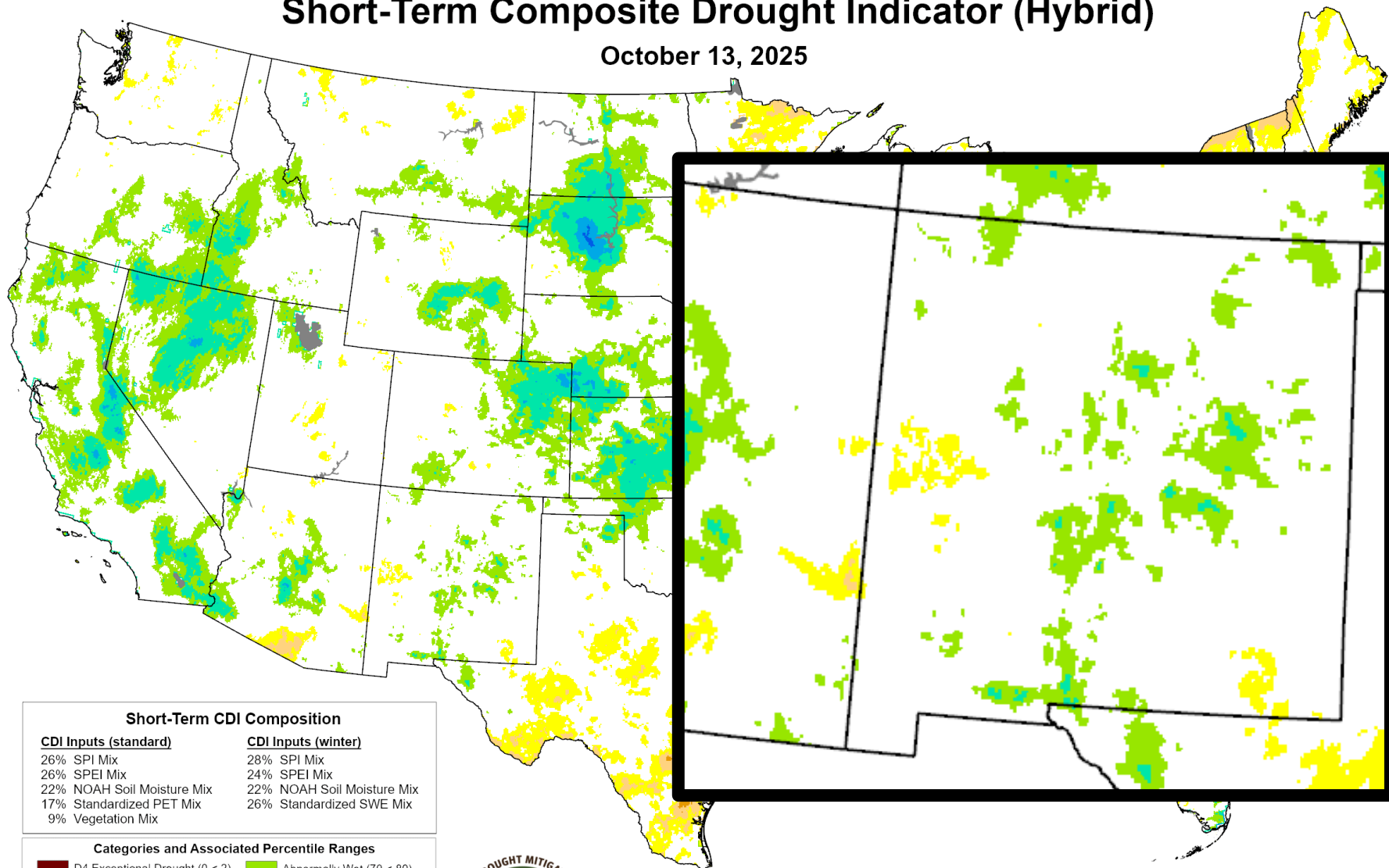
Percent of Average Precipitation (%)  
10/1/2025 – 10/14/2025



2 5 25 50 75 100 125 150 200 400 800  
Generated 10/15/2025 at WRCC using provisional data.  
NOAA Regional Climate Centers

# Short-Term Composite Drought Indicator (Hybrid)

October 13, 2025



## Short-Term CDI Composition

### CDI Inputs (standard)

26% SPI Mix  
26% SPEI Mix  
22% NOAA Soil Moisture Mix  
17% Standardized PET Mix  
9% Vegetation Mix

### CDI Inputs (winter)

28% SPI Mix  
24% SPEI Mix  
22% NOAA Soil Moisture Mix  
26% Standardized SWE Mix

## Categories and Associated Percentile Ranges

|                                |                              |
|--------------------------------|------------------------------|
| D4 Exceptional Drought (0 < 2) | Abnormally Wet (70 < 80)     |
| D3 Extreme Drought (2 < 5)     | Moderately Wet (80 < 90)     |
| D2 Severe Drought (5 < 10)     | Severely Wet (90 < 95)       |
| D1 Moderate Drought (10 < 20)  | Extremely Wet (95 < 98)      |
| D0 Abnormally Dry (20 < 30)    | Exceptionally Wet (98 - 100) |
| Near Normal (30 < 70)          | No Data                      |

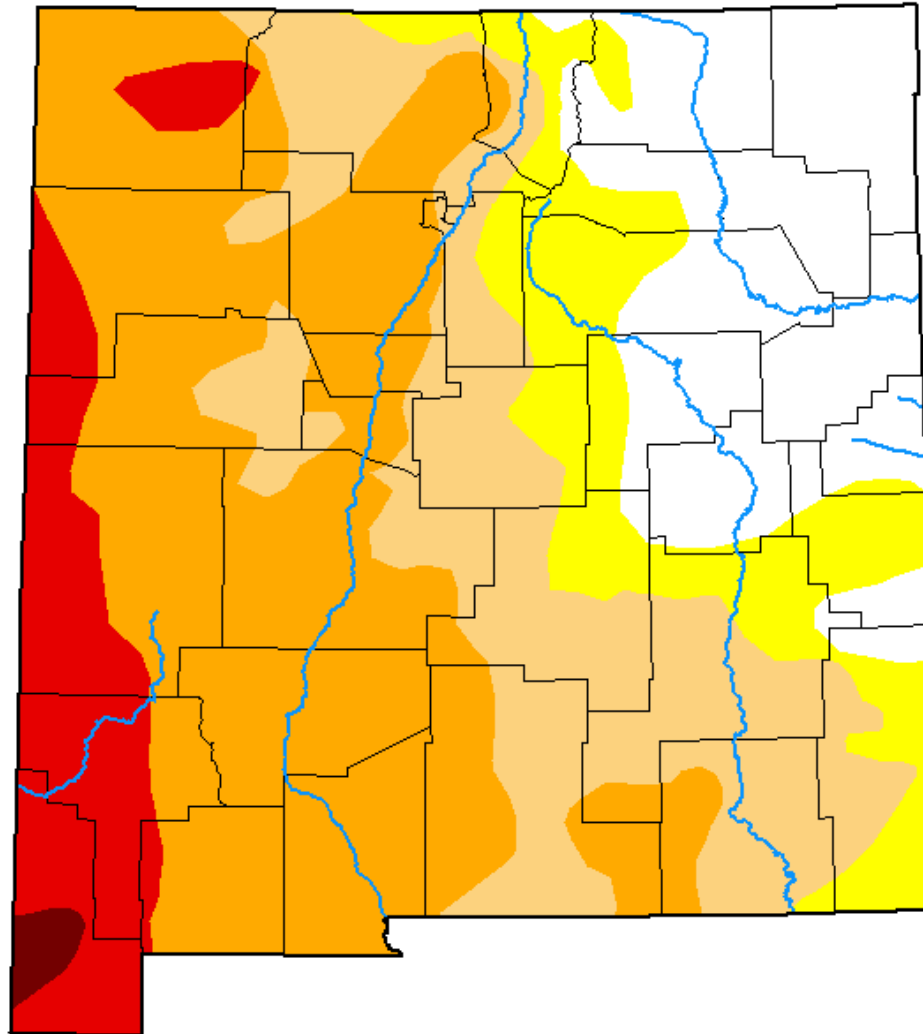


# U.S. Drought Monitor

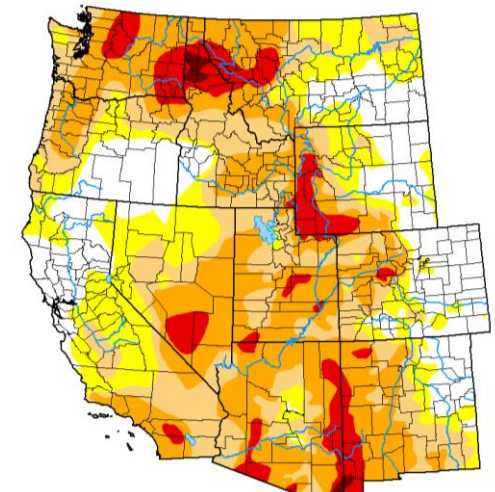
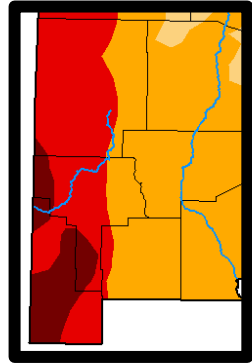
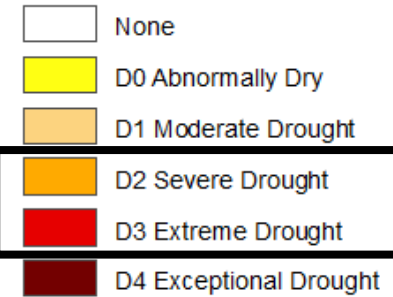
## New Mexico

**October 14, 2025**  
(Released Thursday, Oct. 16, 2025)  
Valid 8 a.m. EDT

**Last Week**



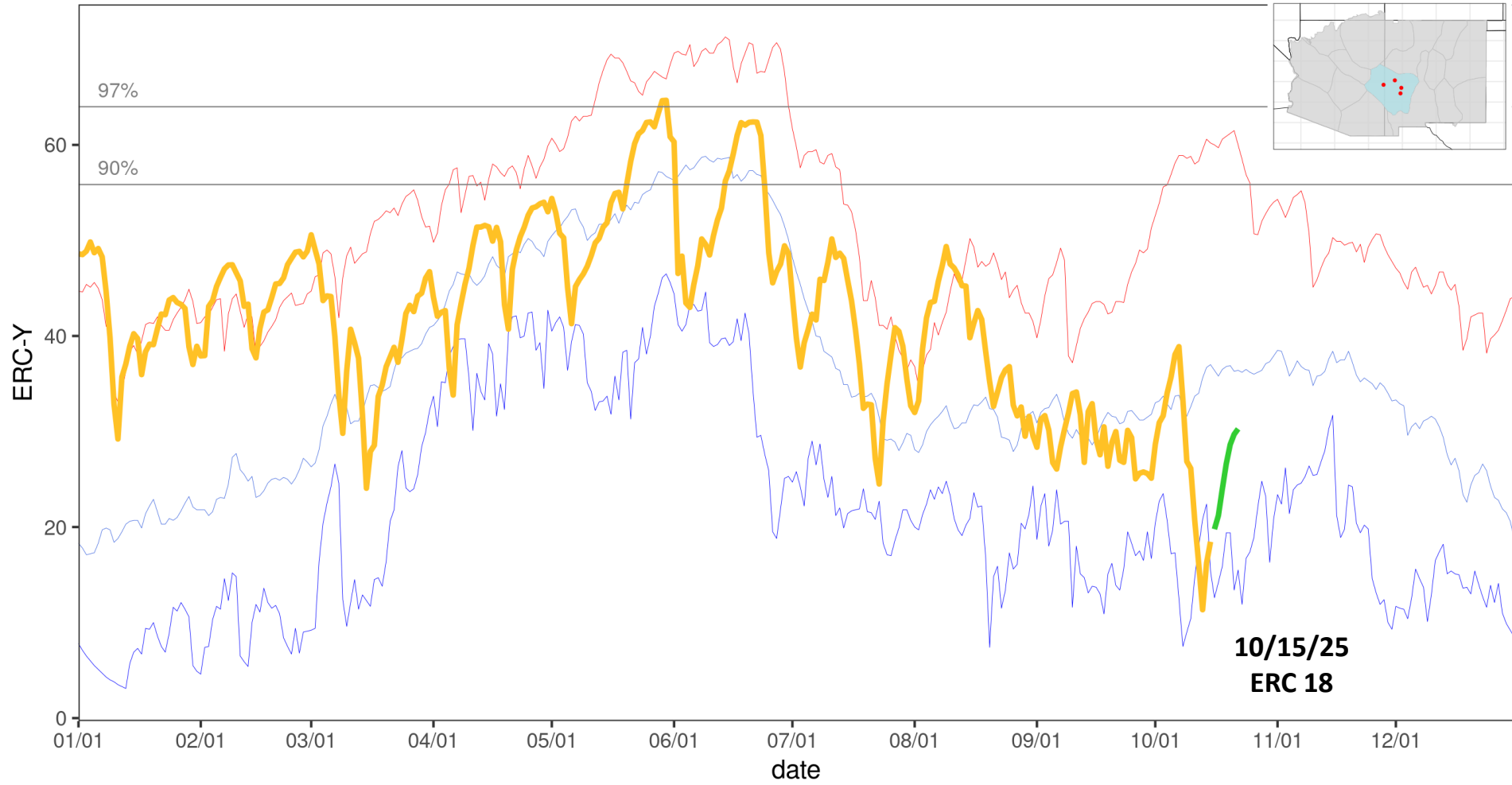
**Intensity:**





Energy Release Component (Daily Max/Fuel Model Y): PSA SW-08

Alpine/ Slaughter/Pelona/Beaverhead



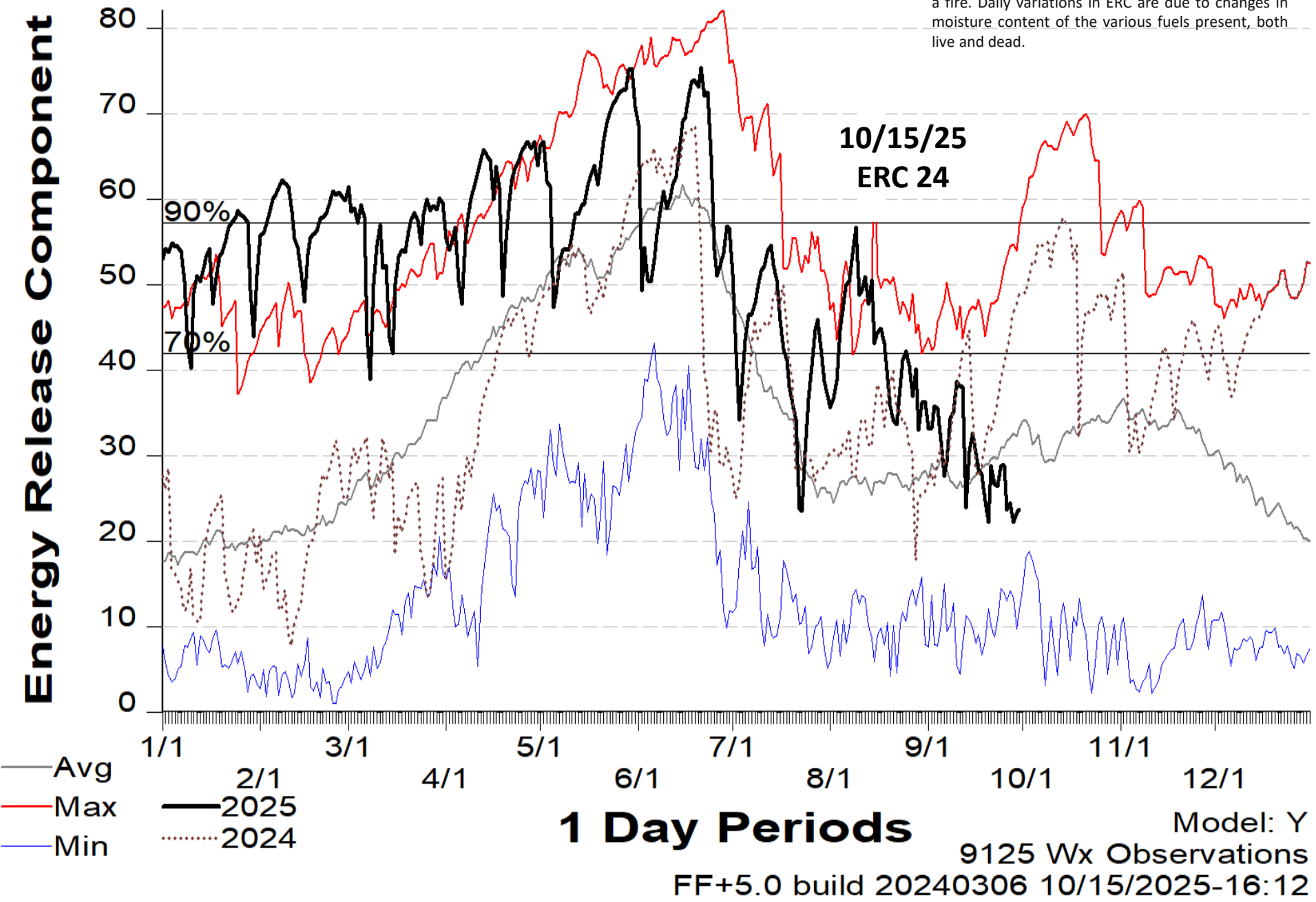
10/15/25  
ERC 18

Avg Min Max 2025 Forecasted

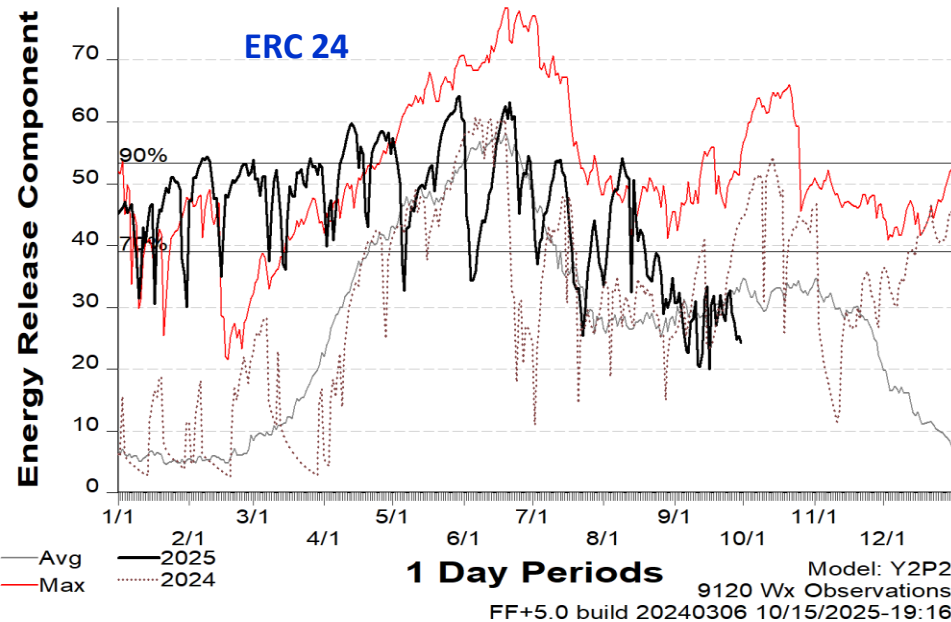
# SIG - Gila NF 2000 - 2024

The energy release component (ERC) is a number related to the available energy (BTU) per unit area (square foot) within the flaming front at the head of a fire. Daily variations in ERC are due to changes in moisture content of the various fuels present, both live and dead.

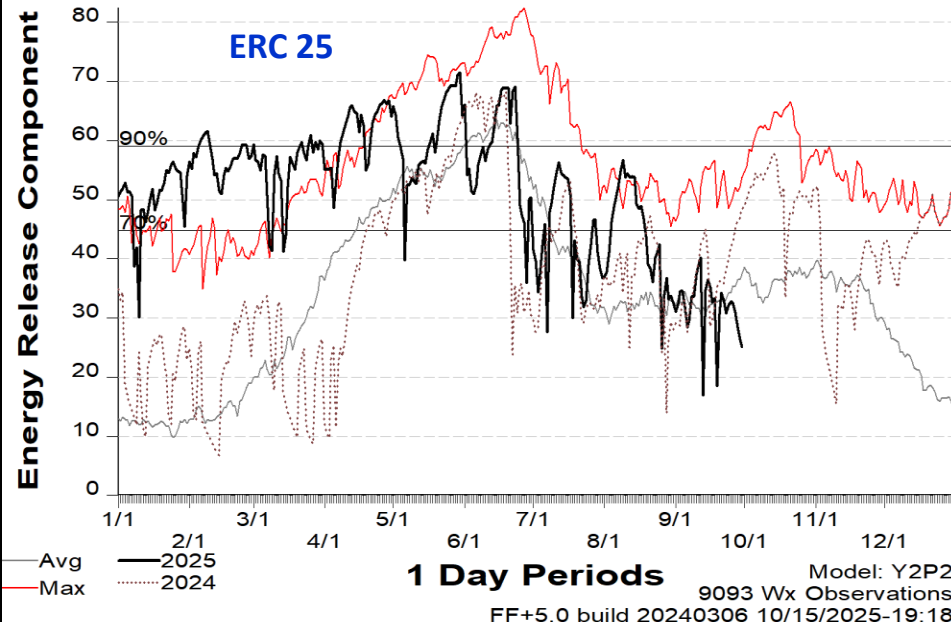
Energy Release Component



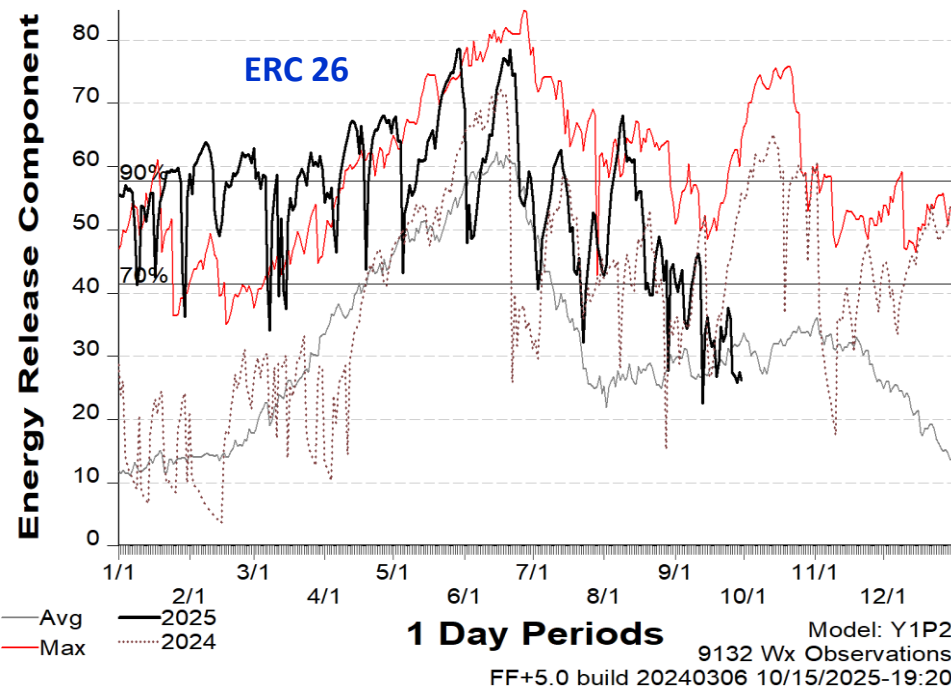
### 292008-SLAUGHTER MESA 2000 - 2024



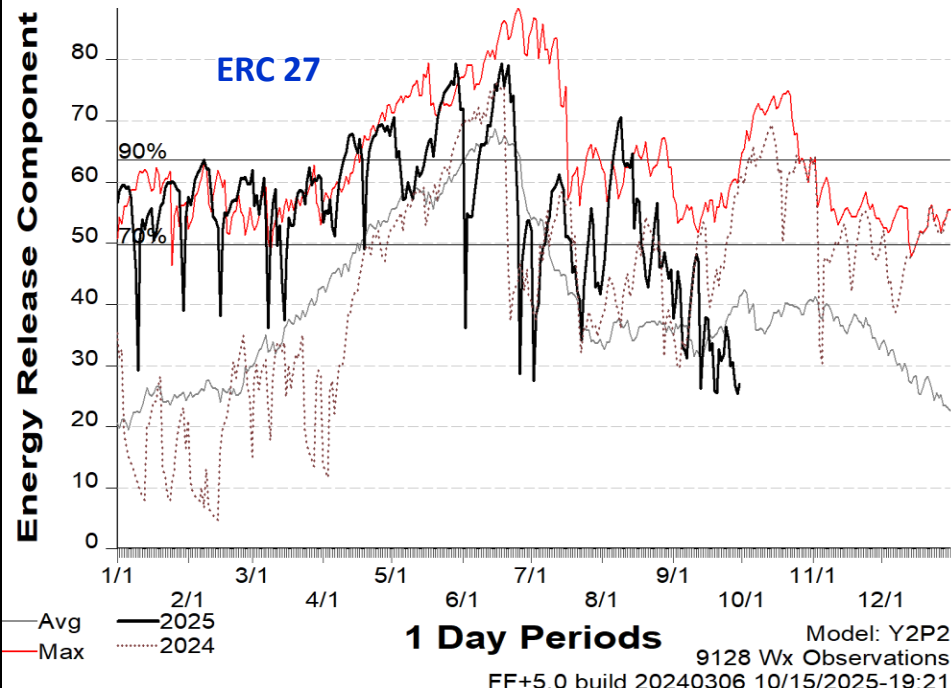
### 292009-PELONA 2000 - 2024



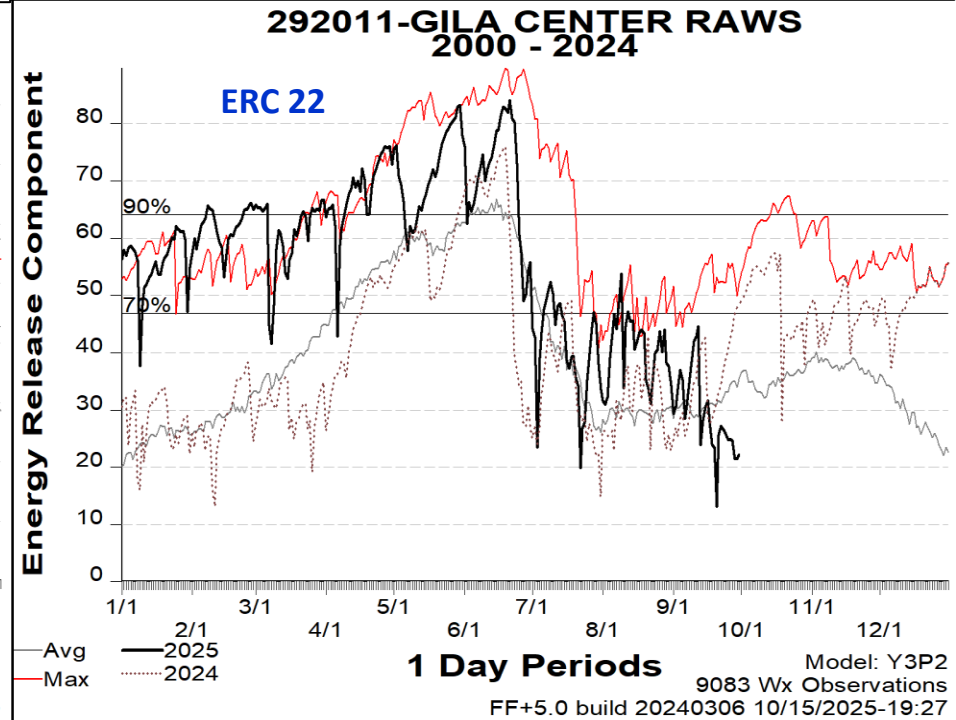
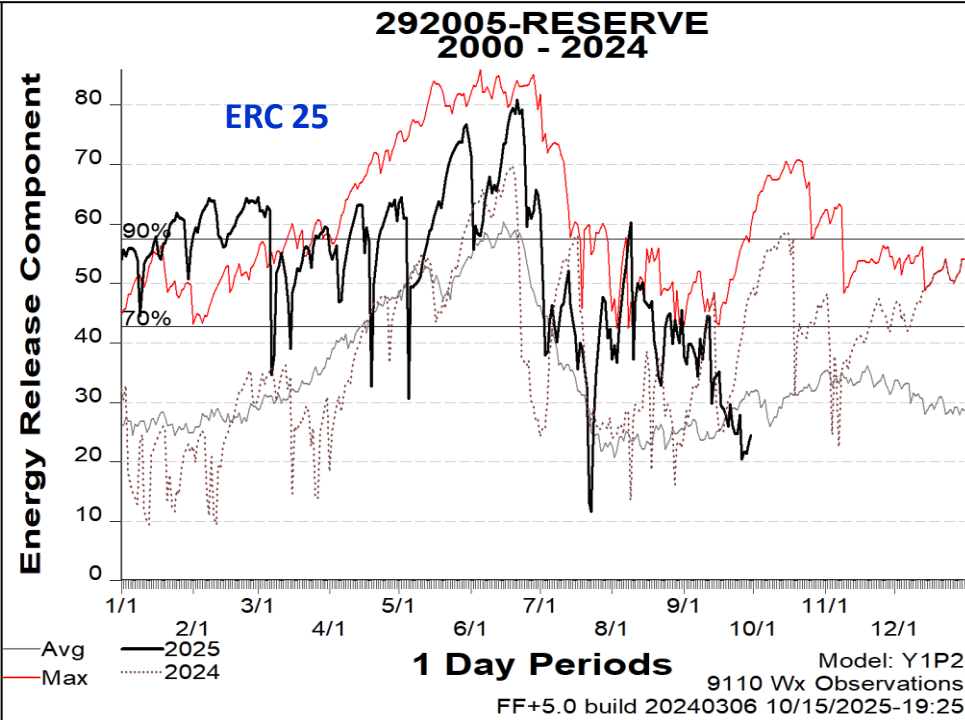
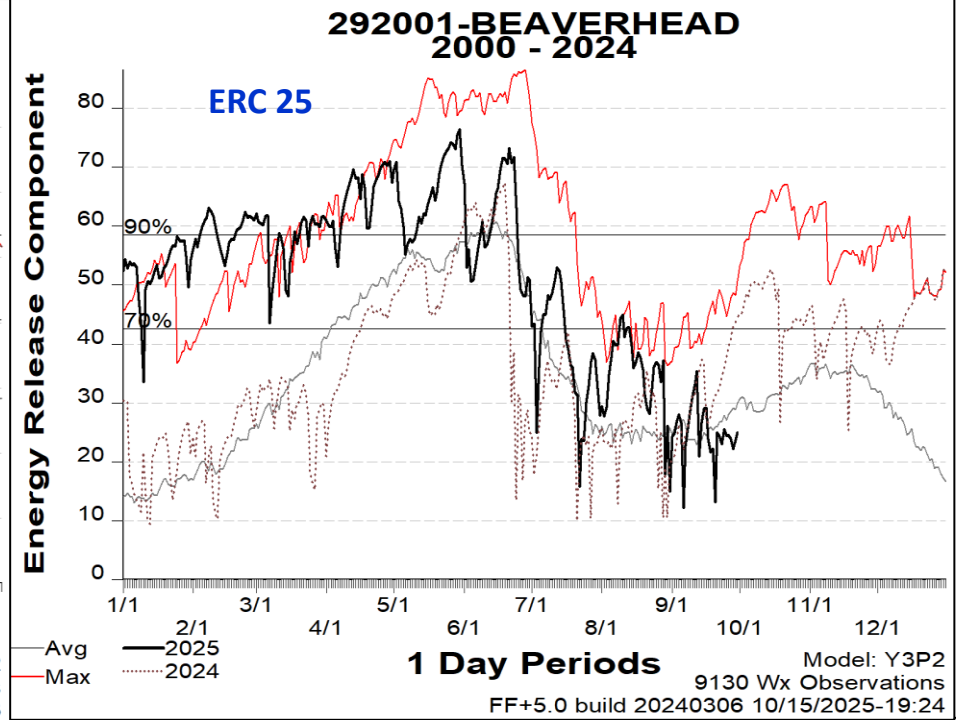
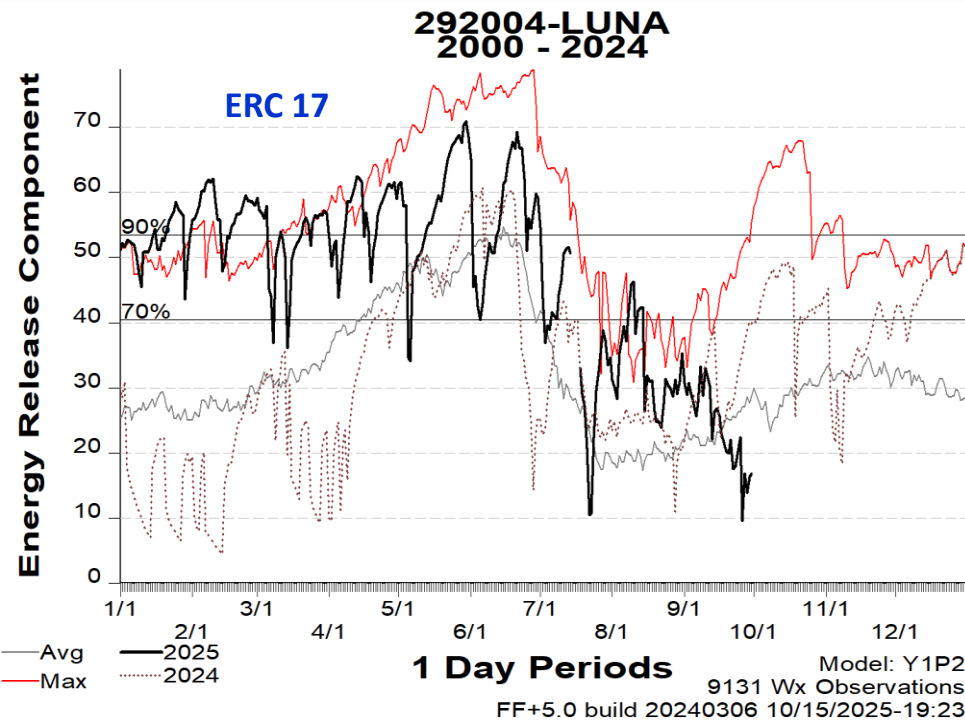
### 292013-MOGOLLON 2000 - 2024



### 292504-BURRO MOUNTAIN 2000 - 2024



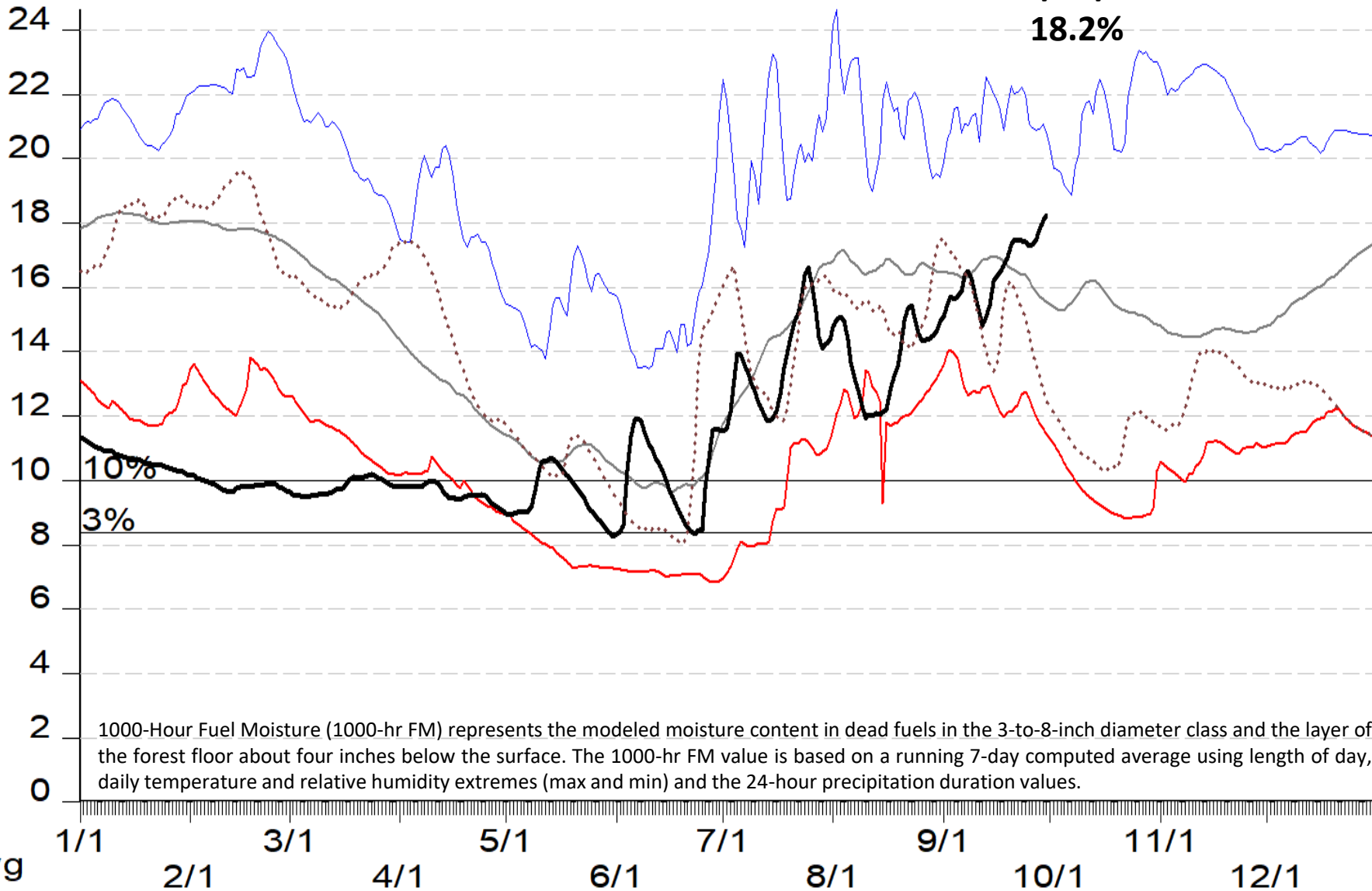




# SIG - Gila NF 2000 - 2024

10/15/25  
18.2%

1000-Hour Fuel Moisture



1000-Hour Fuel Moisture (1000-hr FM) represents the modeled moisture content in dead fuels in the 3-to-8-inch diameter class and the layer of the forest floor about four inches below the surface. The 1000-hr FM value is based on a running 7-day computed average using length of day, daily temperature and relative humidity extremes (max and min) and the 24-hour precipitation duration values.

— Avg  
— Max  
— Min  
— 2025  
— 2024

1 Day Periods

Model: Y

9125 Wx Observations

FF+5.0 build 20240306 10/15/2025-16:12

## National Weather Service NEW MEXICO FIRE WEATHER ZONE 110 – 101620250415

### DISCUSSION...

- Drier conditions will move in across the area today.
- Min RH values along and west of the Rio Grande Valley will range between 20-30 percent, and areas east will be above 30 percent.
- Afternoon high temperatures will trend around 5 degrees cooler than Wednesday.
- Winds light and variable through the morning will become westerly to southwesterly during the afternoon at 7-12 mph.
- Smoke ventilation rates will be good this afternoon.

| NM Weather Zone 110 |     | Sky Weather                   | RH Recovery 0100-0800                   | Max Temp | Min RH        | Wind Dir | Wind Speed  | Prob of Precip |
|---------------------|-----|-------------------------------|-----------------------------------------|----------|---------------|----------|-------------|----------------|
| 16-Oct              | Thu | Mostly Sunny to Partly Cloudy | <b>80-95% Ridges<br/>90-100% Valley</b> | 63-73°   | <b>18-32%</b> | SW       | <b>6-12</b> | 0%             |
| 17-Oct              | Fri | Mostly Sunny to Partly Cloudy | <b>50-70% Ridges<br/>60-80% Valley</b>  | 61-71°   | <b>20-32%</b> | SW       | <b>6-12</b> | 0%             |
| 18-Oct              | Sat | Mostly Sunny to Partly Cloudy | <b>50-70% Ridges<br/>60-80% Valley</b>  | 64-74°   | <b>14-25%</b> | NW       | <b>6-12</b> | 0%             |

## 13 Miles W Pie Town NM

## Quemado NM

| Today                                                                            | Tonight                                                                           | Friday                                                                            | Friday Night                                                                      | Saturday                                                                           | Saturday Night                                                                      | Sunday                                                                              | Sunday Night                                                                        | Monday                                                                              |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| High: 64 °F                                                                      | Low: 29 °F                                                                        | High: 63 °F                                                                       | Low: 32 °F                                                                        | High: 65 °F                                                                        | Low: 33 °F                                                                          | High: 70 °F                                                                         | Low: 37 °F                                                                          | High: 70 °F                                                                         |
| Mostly Sunny                                                                     | Mostly Clear                                                                      | Sunny                                                                             | Mostly Clear                                                                      | Mostly Sunny                                                                       | Mostly Clear                                                                        | Sunny                                                                               | Mostly Clear                                                                        | Sunny                                                                               |

## Reserve NM

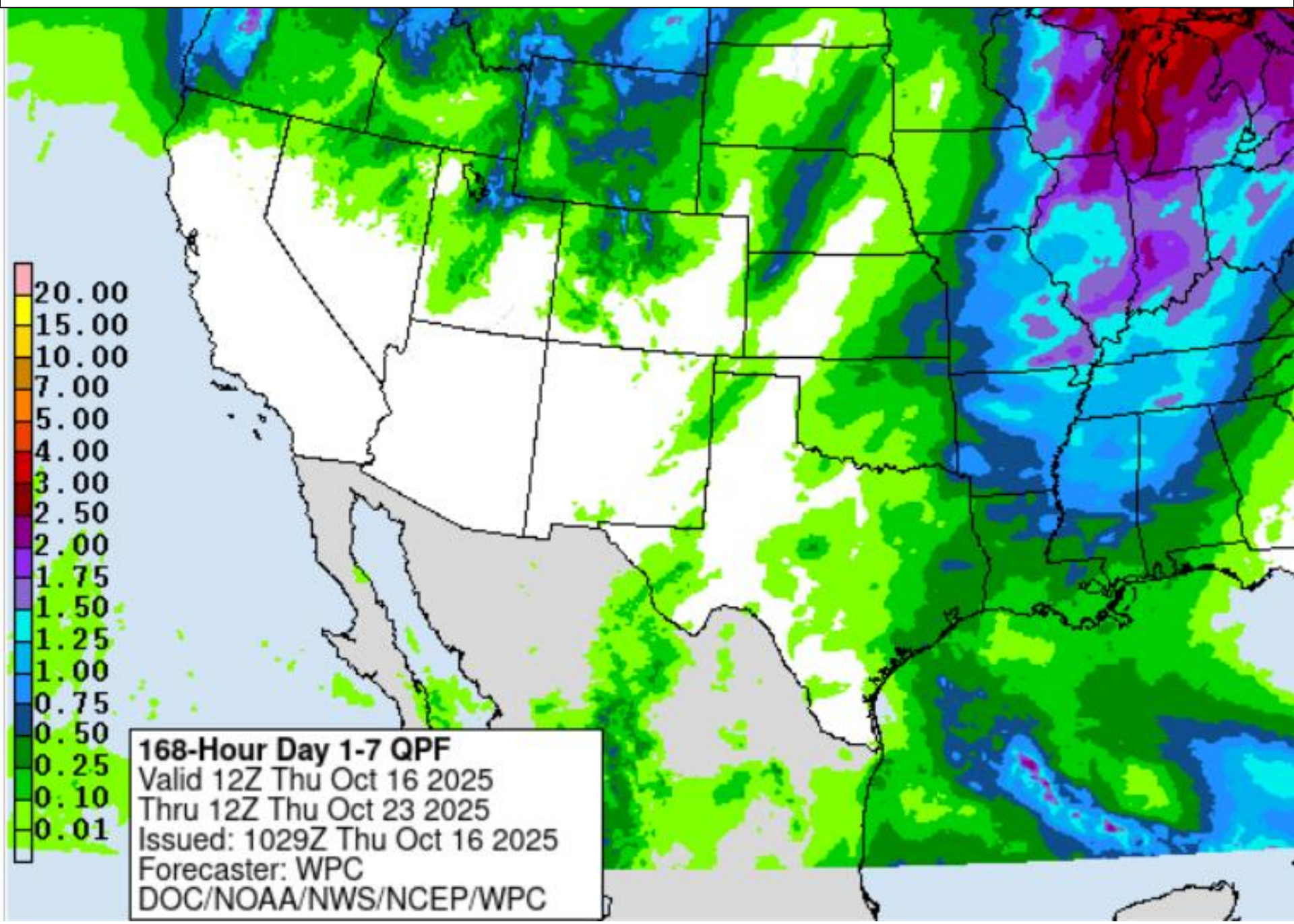
| Today                                                                            | Tonight                                                                           | Friday                                                                            | Friday Night                                                                      | Saturday                                                                           | Saturday Night                                                                      | Sunday                                                                              | Sunday Night                                                                        | Monday                                                                              |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| High: 71 °F                                                                      | Low: 33 °F                                                                        | High: 69 °F                                                                       | Low: 33 °F                                                                        | High: 72 °F                                                                        | Low: 34 °F                                                                          | High: 74 °F                                                                         | Low: 37 °F                                                                          | High: 75 °F                                                                         |
| Mostly Sunny                                                                     | Mostly Clear                                                                      | Sunny                                                                             | Partly Cloudy                                                                     | Mostly Sunny                                                                       | Mostly Clear                                                                        | Sunny                                                                               | Mostly Clear                                                                        | Sunny                                                                               |

## Silver City NM

| Today                                                                              | Tonight                                                                             | Friday                                                                              | Friday Night                                                                        | Saturday                                                                             | Saturday Night                                                                        | Sunday                                                                                | Sunday Night                                                                          | Monday                                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| High: 69 °F                                                                        | Low: 44 °F                                                                          | High: 67 °F                                                                         | Low: 43 °F                                                                          | High: 70 °F                                                                          | Low: 43 °F                                                                            | High: 71 °F                                                                           | Low: 46 °F                                                                            | High: 72 °F                                                                           |
| Sunny                                                                              | Mostly Clear                                                                        | Sunny                                                                               | Mostly Clear                                                                        | Sunny                                                                                | Mostly Clear                                                                          | Sunny                                                                                 | Mostly Clear                                                                          | Sunny                                                                                 |



# QUANTITATIVE PRECIPITATION FORECAST – 7-Day Total, October 16 - 23, 2025





# Southwest Region – 7-Day Significant Wildland Fire Potential Outlook

ERC

Published: Oct 16, 2025 8:28:36 AM MT

Little or  
NO Risk

LOW RISK

MOD Risk

Lightning

Windy

| Predictive Service Area (PSA)     | Wed<br>15<br>Oct | Thu<br>16<br>Oct | Fri<br>17<br>Oct | Sat<br>18<br>Oct | Sun<br>19<br>Oct | Mon<br>20<br>Oct | Tue<br>21<br>Oct | Wed<br>22<br>Oct |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| SW01 - Northwest AZ               | 20               | 23               | 25               | 27               | 29               | 30               | 31               | 32               |
| SW02 - West-Central AZ            | 24               | 27               | 30               | 32               | 34               | 36               | 37               | 38               |
| SW03 - Southwest AZ               | 33               | 37               | 40               | 42               | 45               | 46               | 47               | 48               |
| SW04 - Four Corners Area          | 15               | 16               | 18               | 20               | 22               | 24               | 25               | 26               |
| SW05 - Western Mogollon Rim       | 15               | 15               | 17               | 20               | 23               | 25               | 26               | 27               |
| SW06N - Central AZ/Phoenix Metro  | 17               | 22               | 26               | 30               | 33               | 36               | 37               | 39               |
| SW06S - Southeast AZ              | 20               | 22               | 25               | 28               | 31               | 34               | 35               | 36               |
| SW07 - Northwest NM Mtns.         | 14               | 15               | 17               | 19               | 21               | 24               | 25               | 26               |
| SW08 - White Mtns. & Gila Region  | 18               | 20               | 21               | 24               | 26               | 28               | 29               | 30               |
| SW09 - South/Central NM Lowlands  | 24               | 24               | 27               | 30               | 33               | 35               | 36               | 36               |
| SW10 - Sangre De Cristo Mountains | 13               | 14               | 17               | 18               | 20               | 22               | 24               | 24               |
| SW11 - Central NM Mtns. & Plains  | 17               | 18               | 22               | 25               | 27               | 30               | 31               | 31               |
| SW12 - South-Central Nm Mtns.     | 17               | 18               | 21               | 24               | 27               | 29               | 30               | 31               |
| SW13 - Northeast NM/NW TX         | 19               | 19               | 23               | 26               | 28               | 32               | 32               | 33               |
| SW14N - Southeast NM/West TX      | 20               | 15               | 21               | 25               | 28               | 32               | 33               | 34               |

## Northern Gila NF

Quemado Lake  
Weekly Summary

|                             | Thu<br>Oct 16 | Fri<br>Oct 17 | Sat<br>Oct 18 | Sun<br>Oct 19 | Mon<br>Oct 20 | Tue<br>Oct 21 | Wed<br>Oct 22 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Max Temp, °F                | 64            | 62            | 64            | 68            | 68            | 66            | 65            |
| Min Temp, °F                | 38            | 31            | 33            | 35            | 38            | 35            | 37            |
| Max RH, %                   | 89            | 76            | 68            | 60            | 65            | 64            | 59            |
| Min RH, %                   | 21            | 22            | 19            | 18            | 17            | 18            | 21            |
| Max Dewpoint, °F            | 35            | 28            | 25            | 27            | 28            | 25            | 26            |
| Min Dewpoint, °F            | 20            | 21            | 20            | 21            | 21            | 22            | 23            |
| Max Wind, mph               | 8             | 8             | 6             | 8             | 16            | 7             | 7             |
| Min Wind, mph               | 2             | 2             | 2             | 2             | 3             | 3             | 2             |
| Max Wind Gust, time/dir.    | 2 PM ➔        | 5 PM ➔        | 2 AM ➔        | 2 PM ↗        | 3 PM ➔        | 2 PM ➔        | 2 PM ↗        |
| Max Wind Gust, mph          | 12            | 12            | 8             | 12            | 23            | 9             | 9             |
| Min Wind Gust, mph          | 3             | 3             | 3             | 3             | 5             | 5             | 3             |
| Max Cloud Cover, %          | 53            | 31            | 42            | 25            | 23            | 74            | 75            |
| Min Cloud Cover, %          | 13            | 16            | 13            | 12            | 14            | 26            | 35            |
| Max Prob. of Precip., %     | 2             | 0             | 0             | 3             | 2             | 8             | 17            |
| Max Mixing Height, ft       | 7000          | 7500          | 5000          | 5500          | 3500          | 3000          | 3500          |
| Min Mixing Height, ft       | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| Max Ventilation Rate, kt-ft | 72            | 56            | 25            | 55            | 70            | 30            | 21            |
| Min Ventilation Rate, kt-ft | 0             | 0             | 0             | 0             | 0             | 0             | 0             |

## Southern Gila NF

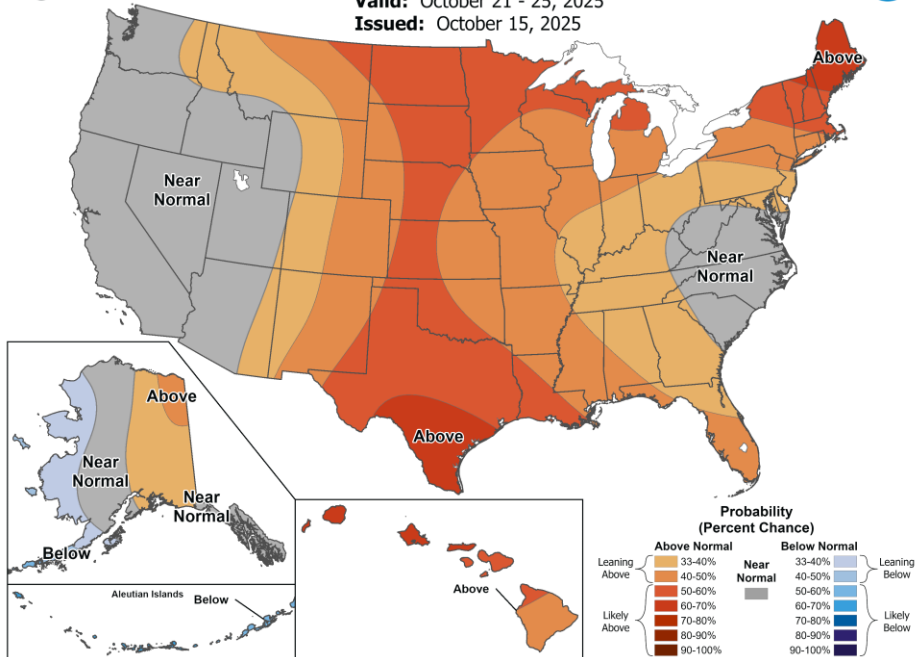
White Signal, NM  
Weekly Summary

|                             | Thu<br>Oct 16 | Fri<br>Oct 17 | Sat<br>Oct 18 | Sun<br>Oct 19 | Mon<br>Oct 20 | Tue<br>Oct 21 | Wed<br>Oct 22 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Max Temp, °F                | 69            | 67            | 70            | 71            | 72            | 68            | 69            |
| Min Temp, °F                | 47            | 46            | 45            | 45            | 47            | 47            | 47            |
| Max RH, %                   | 79            | 68            | 68            | 58            | 65            | 53            | 63            |
| Min RH, %                   | 28            | 30            | 26            | 25            | 21            | 24            | 28            |
| Max Dewpoint, °F            | 41            | 38            | 36            | 35            | 37            | 32            | 36            |
| Min Dewpoint, °F            | 35            | 34            | 32            | 31            | 30            | 30            | 32            |
| Max Wind, mph               | 13            | 14            | 8             | 14            | 15            | 13            | 10            |
| Min Wind, mph               | 6             | 2             | 6             | 7             | 6             | 8             | 7             |
| Max Wind Gust, time/dir.    | 3 PM →        | 4 PM →        | 3 PM →        | 12 PM ↖       | 4 PM →        | 2 PM ↑        | 3 PM ↖        |
| Max Wind Gust, mph          | 23            | 24            | 16            | 23            | 24            | 21            | 18            |
| Min Wind Gust, mph          | 8             | 5             | 10            | 12            | 10            | 13            | 12            |
| Max Cloud Cover, %          | 13            | 19            | 24            | 12            | 21            | 39            | 45            |
| Min Cloud Cover, %          | 0             | 2             | 6             | 4             | 5             | 20            | 17            |
| Max Prob. of Precip., %     | 0             | 0             | 0             | 4             | 4             | 10            | 15            |
| Max Mixing Height, ft       | 4645          | 5088          | 5026          | 5091          | 3695          | 3300          | 2952          |
| Min Mixing Height, ft       | 340           | 129           | 348           | 185           | 169           | 380           | 314           |
| Max Ventilation Rate, kt-ft | 65            | 71            | 45            | 61            | 56            | 36            | 32            |
| Min Ventilation Rate, kt-ft | 2             | 1             | 2             | 1             | 1             | 3             | 2             |



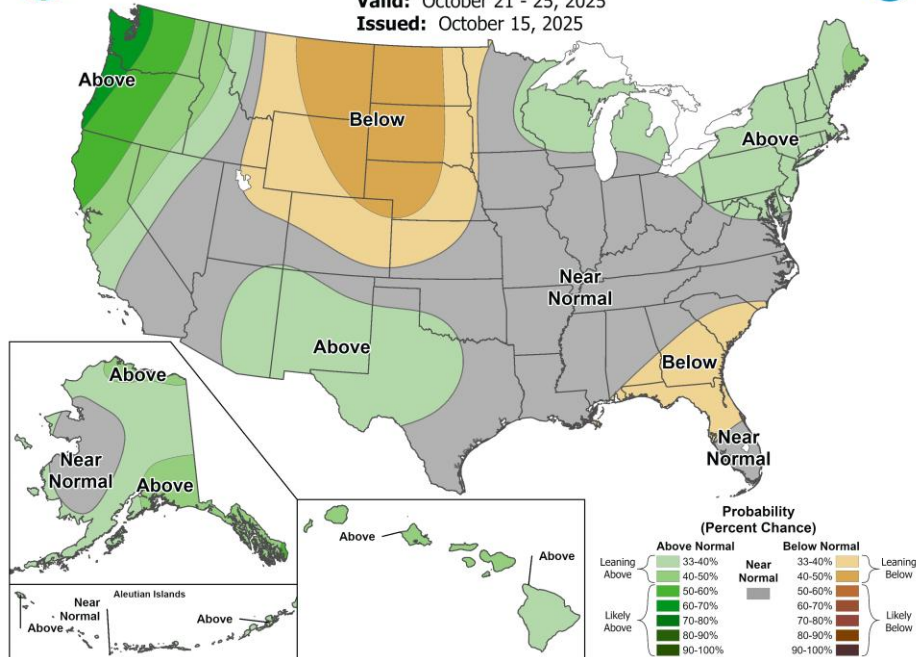
## 6-10 Day Temperature Outlook

Valid: October 21 - 25, 2025  
Issued: October 15, 2025



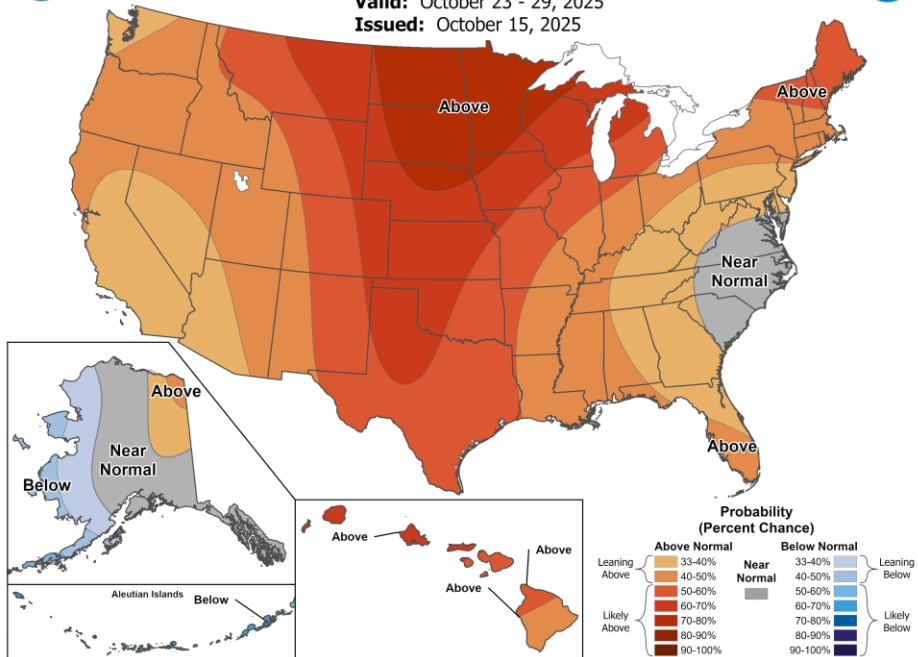
## 6-10 Day Precipitation Outlook

Valid: October 21 - 25, 2025  
Issued: October 15, 2025



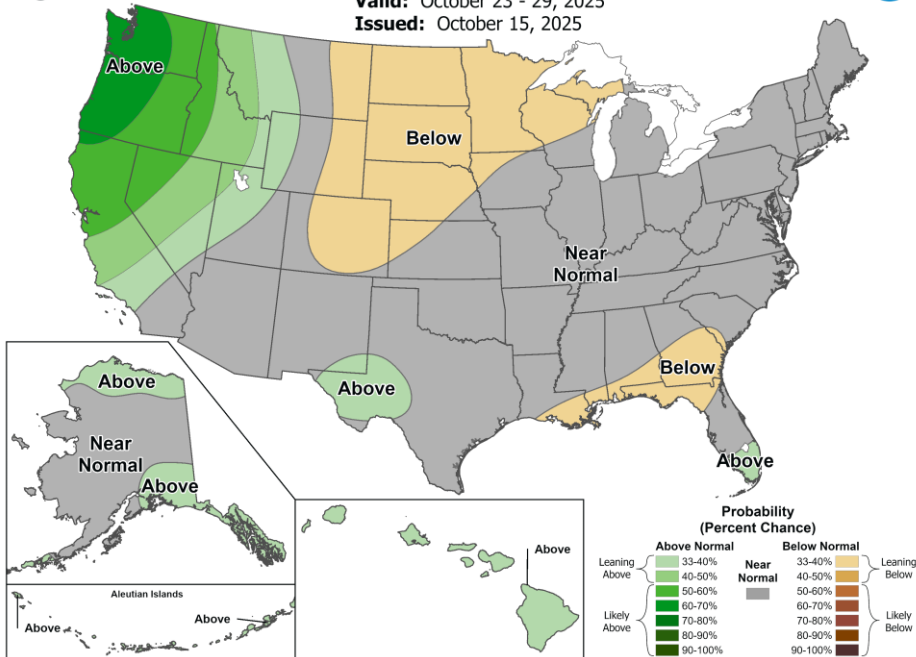
## 8-14 Day Temperature Outlook

Valid: October 23 - 29, 2025  
Issued: October 15, 2025



## 8-14 Day Precipitation Outlook

Valid: October 23 - 29, 2025  
Issued: October 15, 2025







Nov\_2025

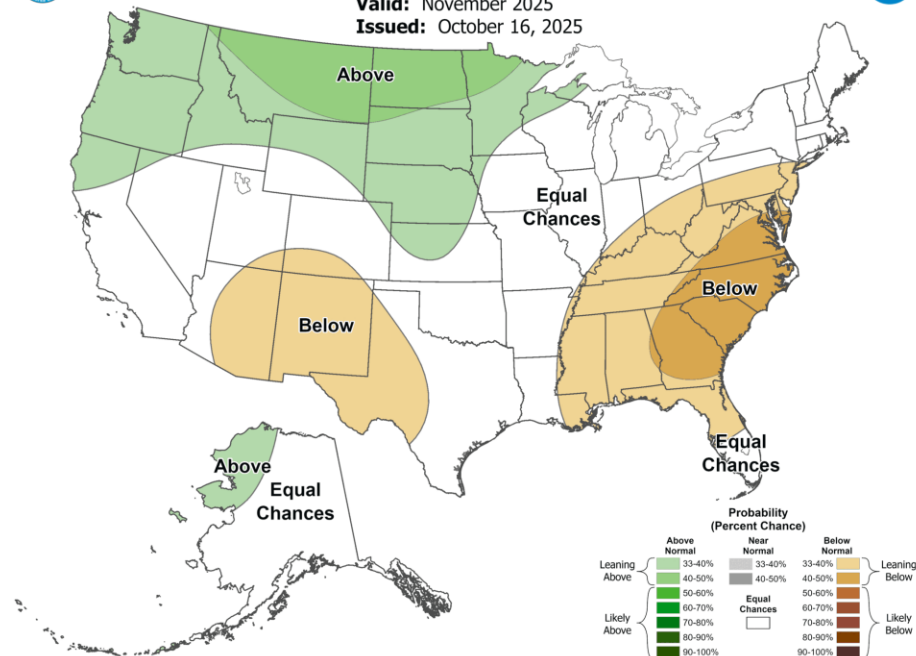
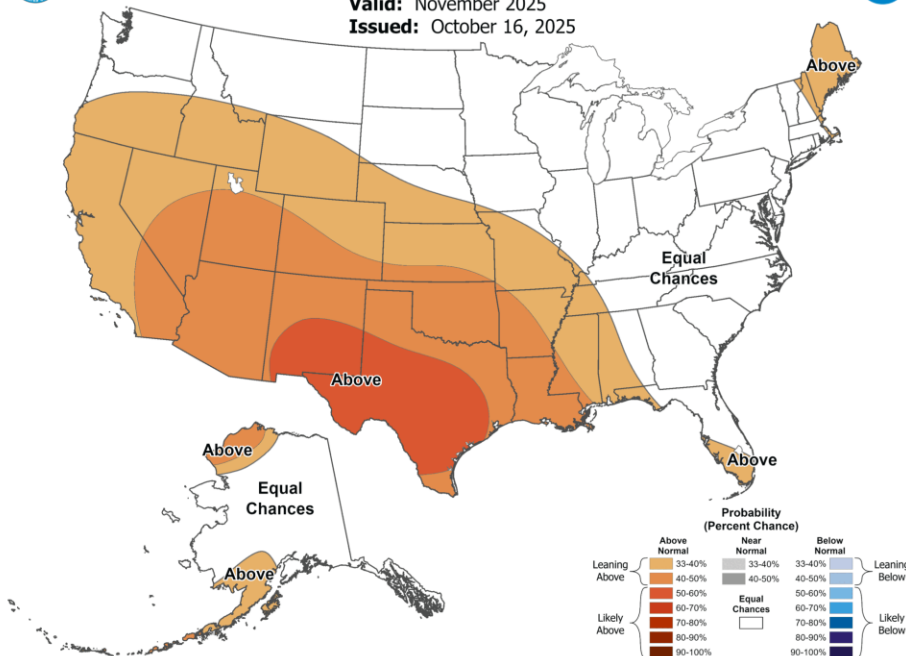
# Monthly Temperature Outlook

Valid: November 2025  
Issued: October 16, 2025



# Monthly Precipitation Outlook

Valid: November 2025  
Issued: October 16, 2025



Nov-Dec-Jan\_2025

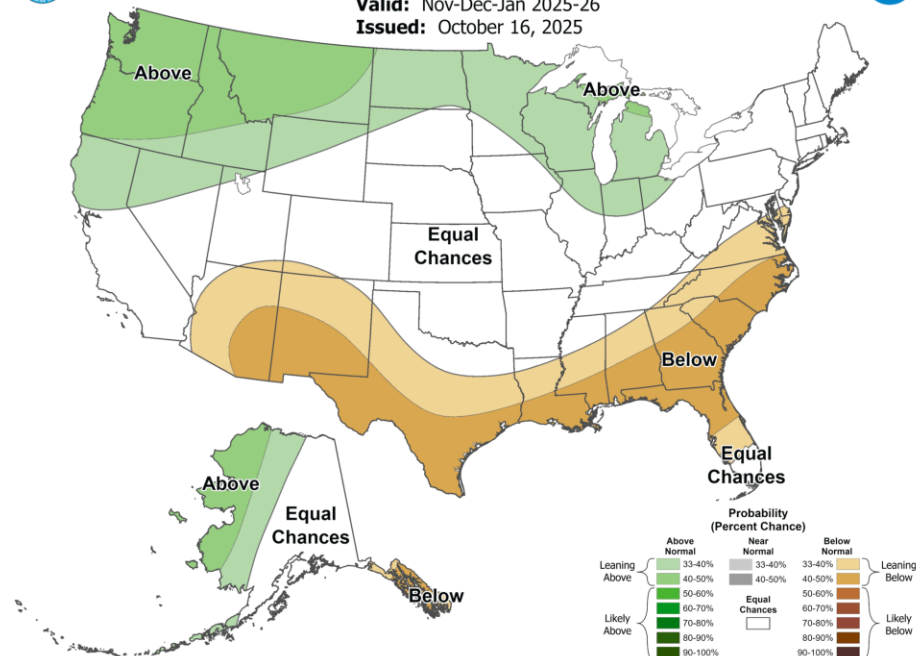
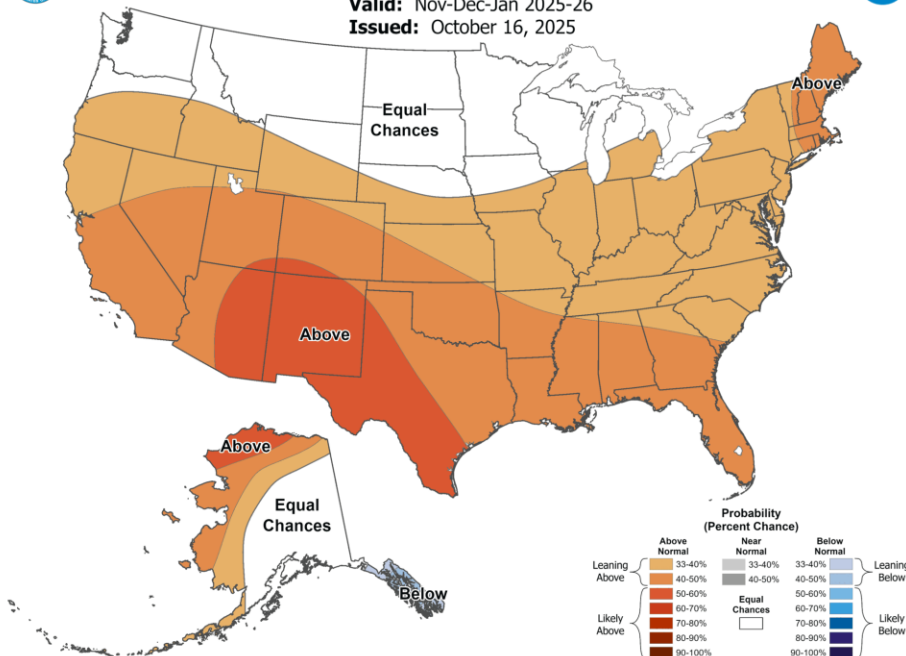
# Seasonal Temperature Outlook

Valid: Nov-Dec-Jan 2025-26  
Issued: October 16, 2025



# Seasonal Precipitation Outlook

Valid: Nov-Dec-Jan 2025-26  
Issued: October 16, 2025

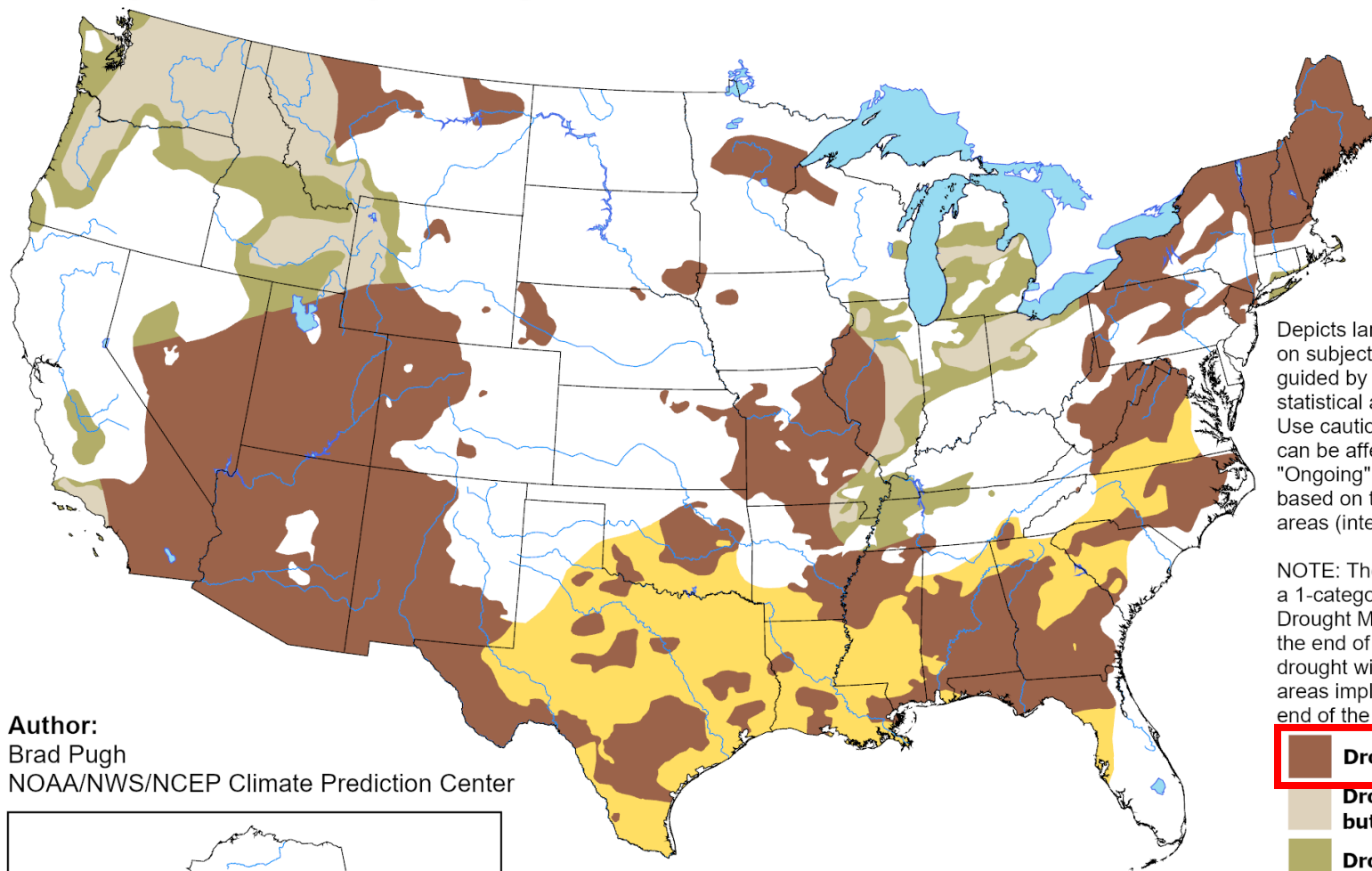


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for October 16, 2025 - January 31, 2026

Released October 16, 2025

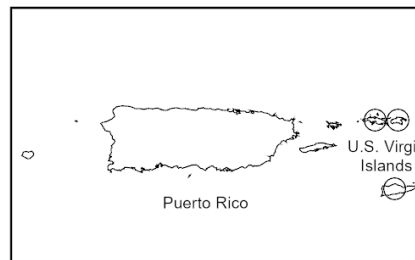
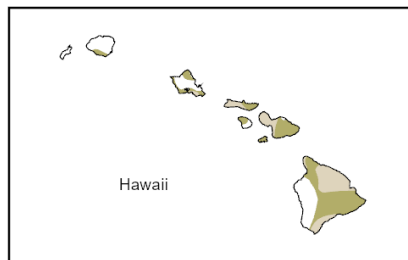
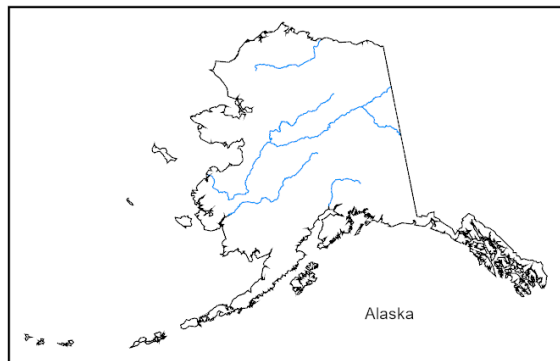


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

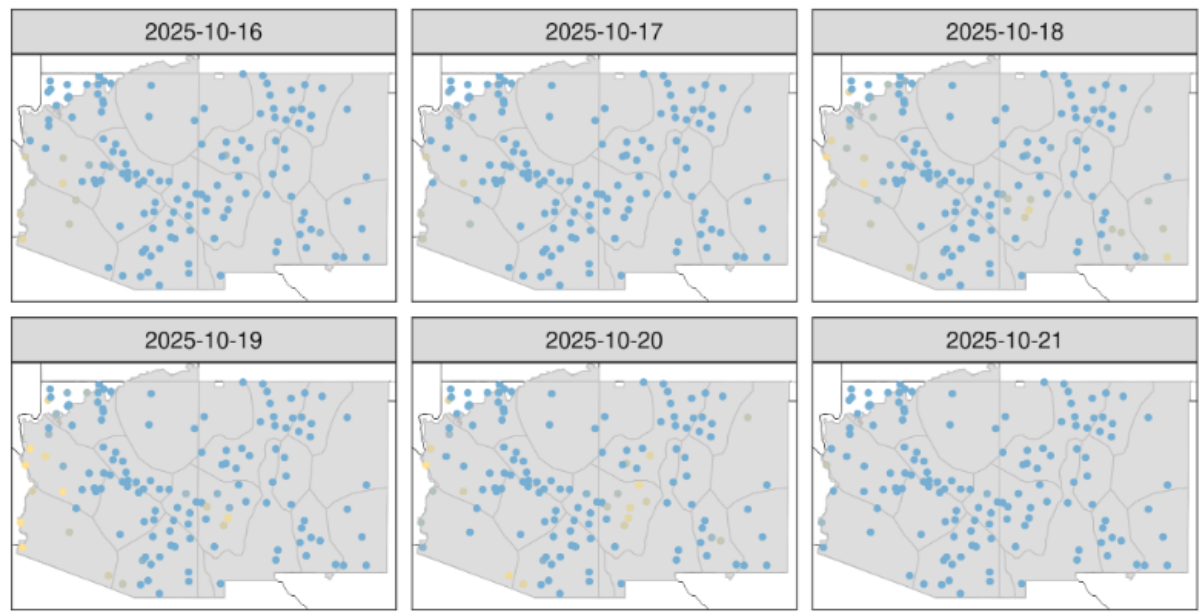
**Author:**  
Brad Pugh  
NOAA/NWS/NCEP Climate Prediction Center

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

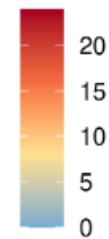


<https://go.usa.gov/3eZ73>

# SWA Burn Period Forecast at RAWs: 10-16-2025 to 10-22-2025



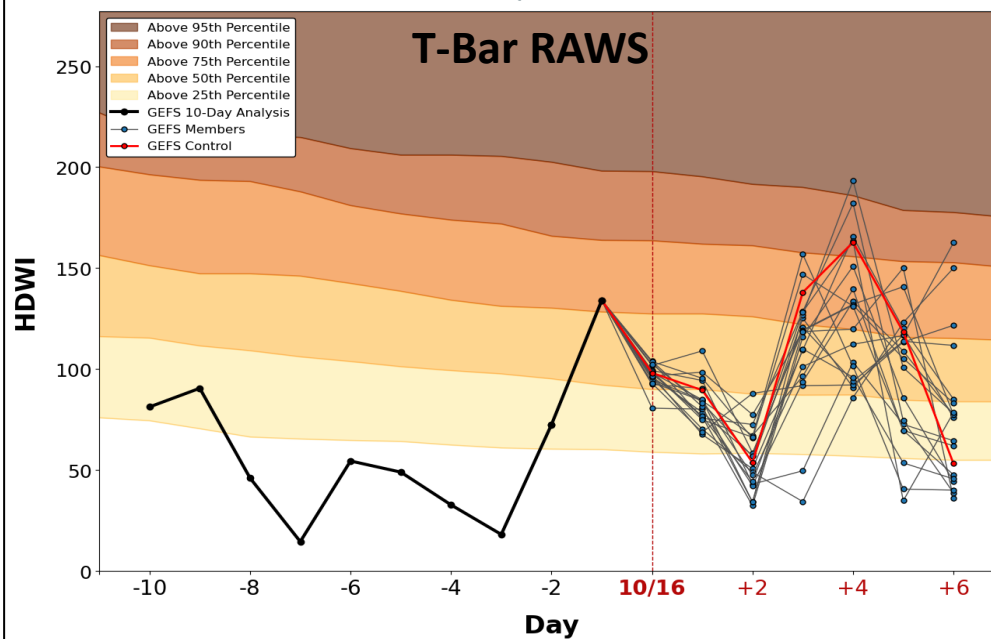
Burn Period (hrs)



## Max Daily HDWI

GEFS Analysis and Forecast & 1981-2010 CFSR Climatology

33.5°N, 108.5°W



# Decreasing Day Length and Potential Burn Period



## Daylength during the year

