

# Gila NF Precipitation as of 0600 February 13, 2025

47

Slaughter Mesa

Jan – 0.54"

Feb – 0.00"

50 Luna

Jan – 0.05"

Feb – 0.00"

52 Reserve

Jan – 0.04"

Feb – 0.00"

52 Mogollon

Jan – 0.32"

Feb – 0.00"

51

Burro Mt

Jan – 0.27"

Feb – 0.00"

Pelona 51

Jan – 0.31"

Feb – 0.00"

Beaverhead 51

Jan – 18"

Feb – 0.00"

Gila Center 53

Jan – 0.23"

Feb – 0.00"

ERC

Gila NF 2000-2024

Historical Average

Precipitation

Jan = 1.14"

Feb = 0.96"

Past 7 Days Actual

Slaughter Mesa – 0.00

Luna – 0.00

Reserve – 0.00

Mogollon – 0.00

Pelona – 0.00

Beaverhead – 0.00

Gila Center – 0.00

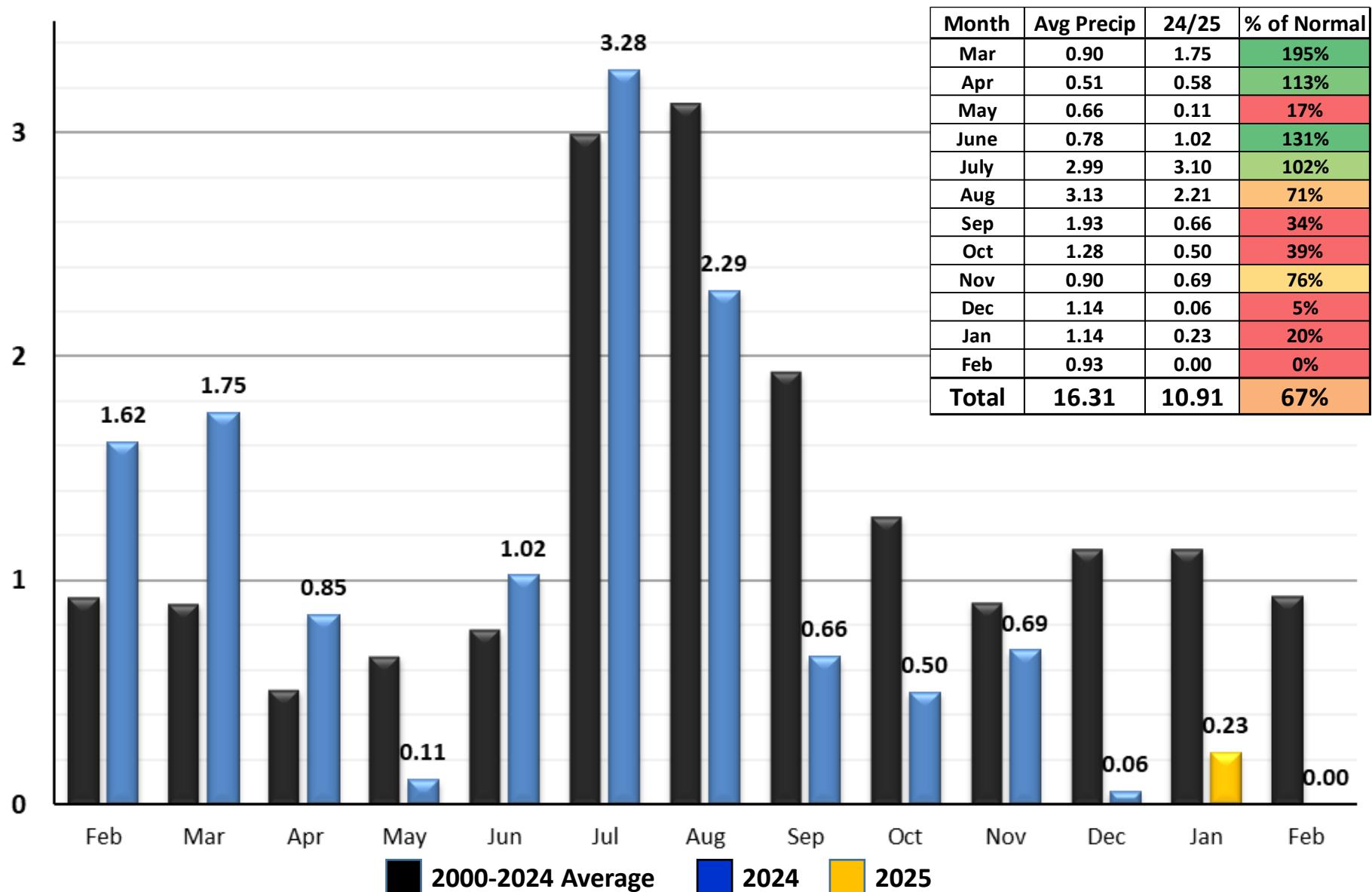
Burro Mt – 0.00

Gila NF 7 Day Avg = 0.00

February Average = 0.00

# Gila NF Precipitation - Historical Compared to 2024/2025

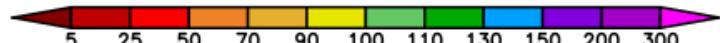
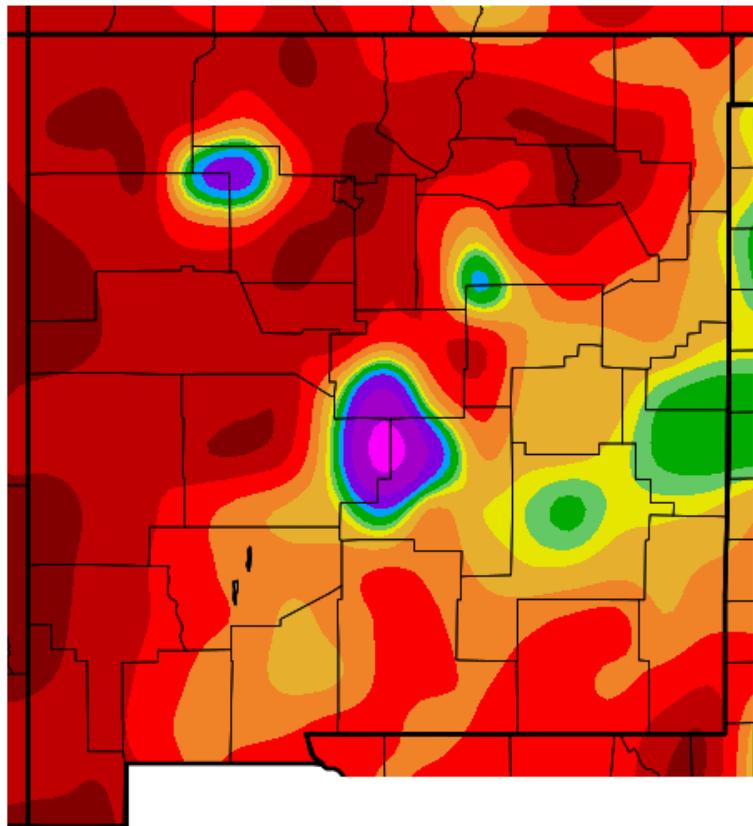
(All Gila NF RAWS Averaged as of 0600 February 13, 2025)



# Precipitation – Percent of Average

## Past 3 Months

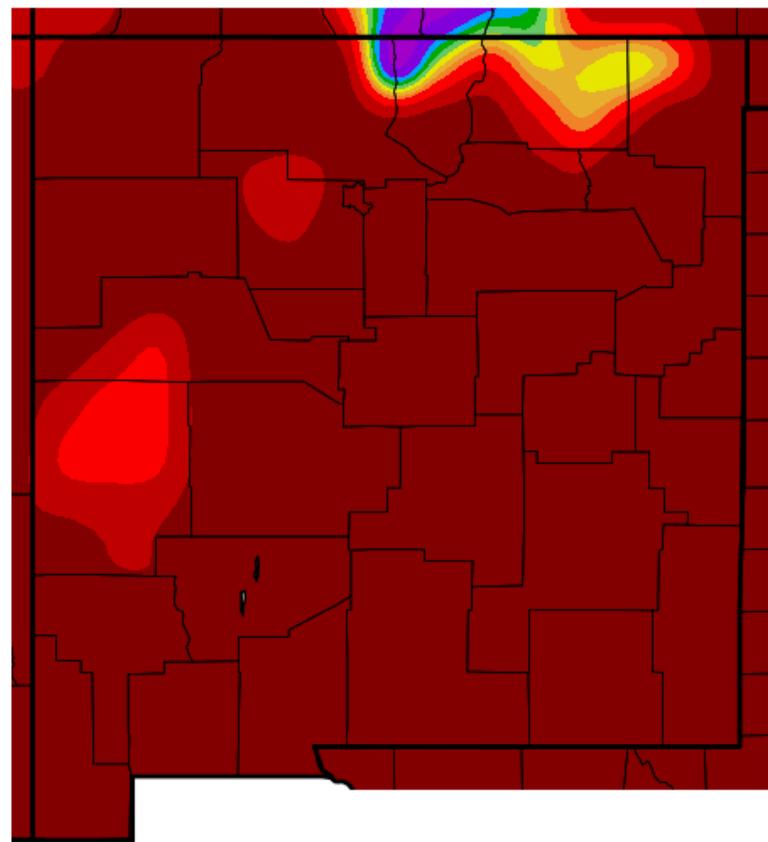
Percent of Average Precipitation (%)  
11/14/2024 – 2/11/2025



Generated 2/12/2025 at WRCC using provisional data.  
NOAA Regional Climate Centers

## Past 2 Weeks

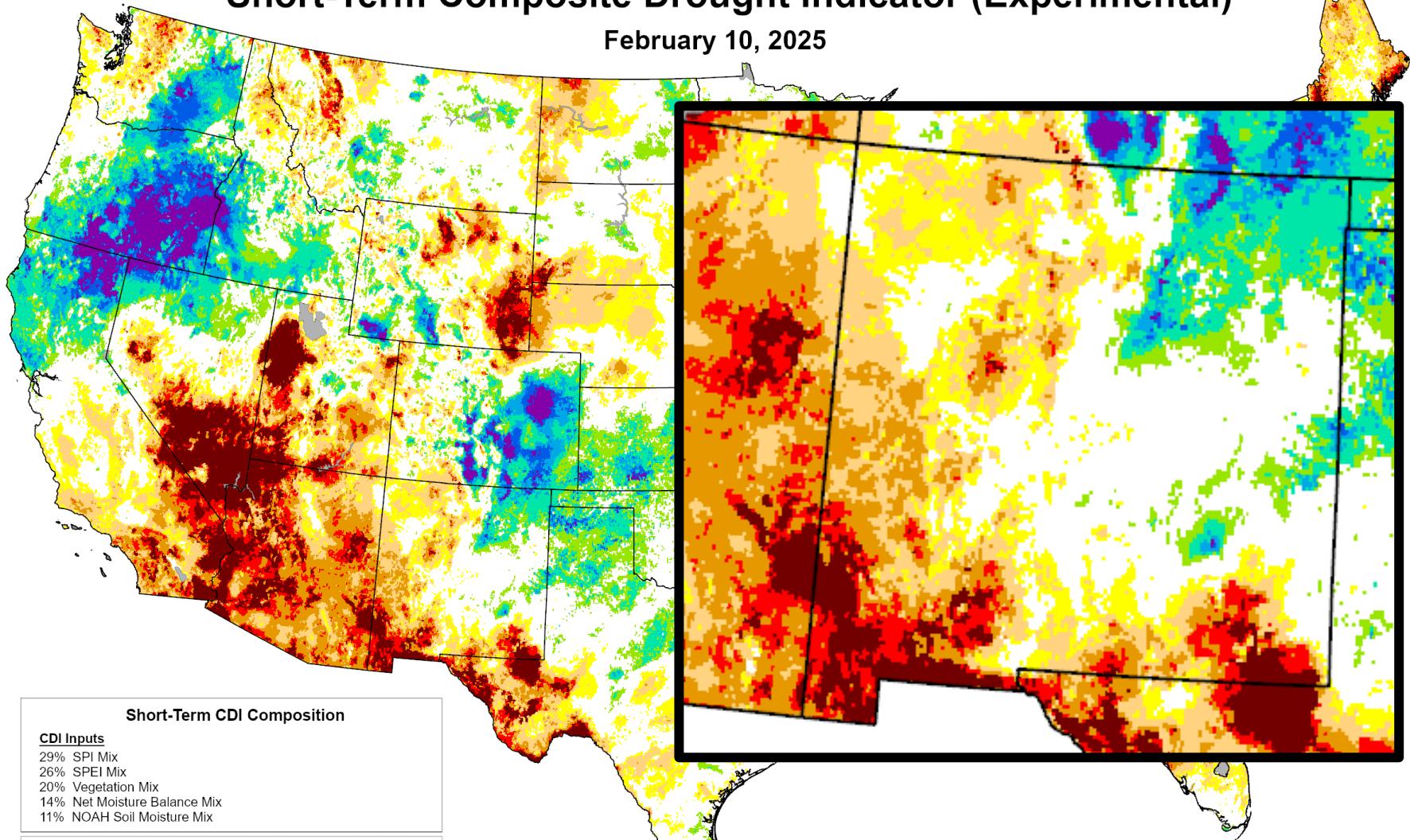
Percent of Average Precipitation (%)  
1/29/2025 – 2/11/2025



Generated 2/12/2025 at WRCC using provisional data.  
NOAA Regional Climate Centers

# Short-Term Composite Drought Indicator (Experimental)

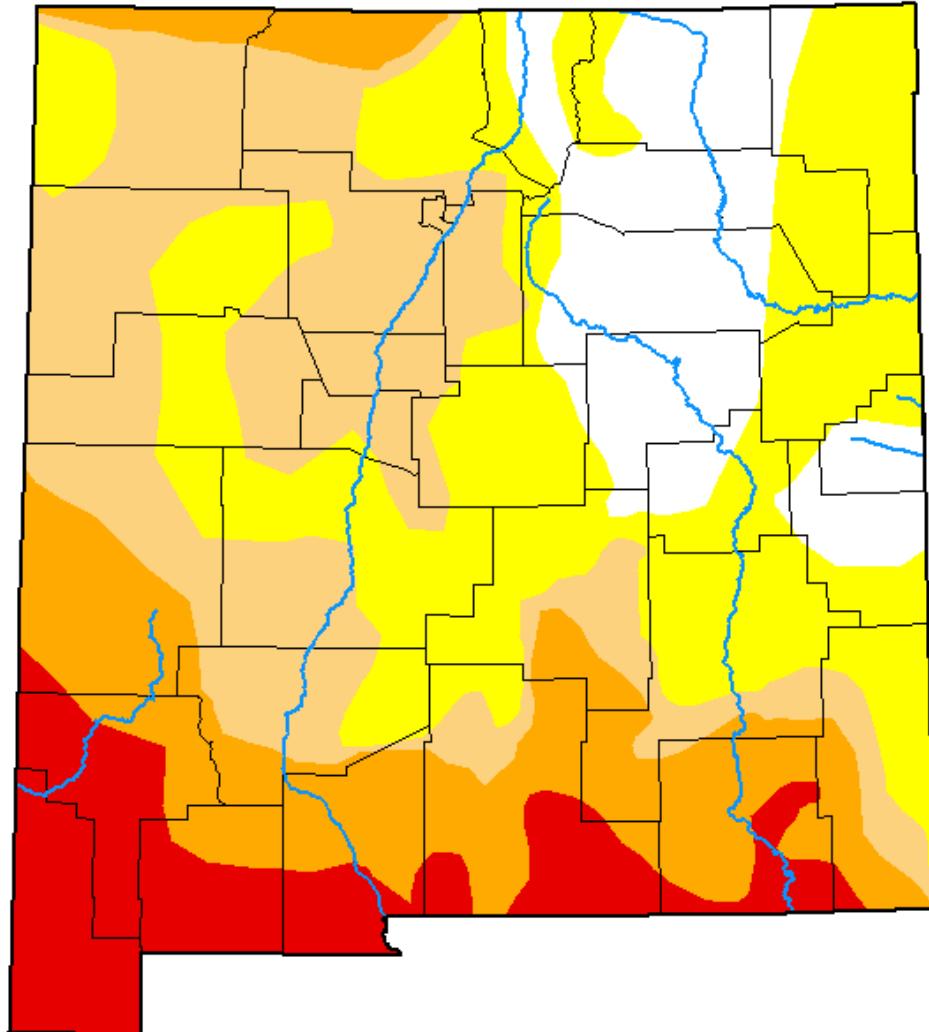
February 10, 2025



© 2023, National Drought Mitigation Center, University of Nebraska

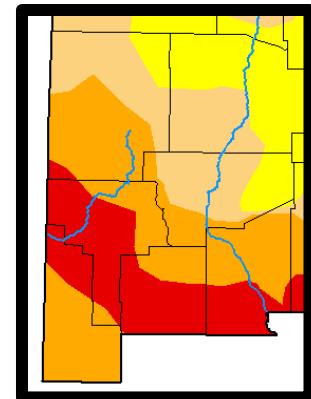
# U.S. Drought Monitor

## New Mexico



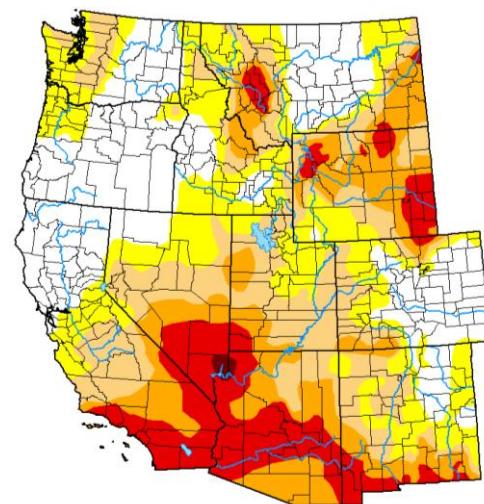
**February 11, 2025**  
(Released Thursday, Feb. 13, 2025)  
Valid 7 a.m. EST

**Last Week**



Intensity:

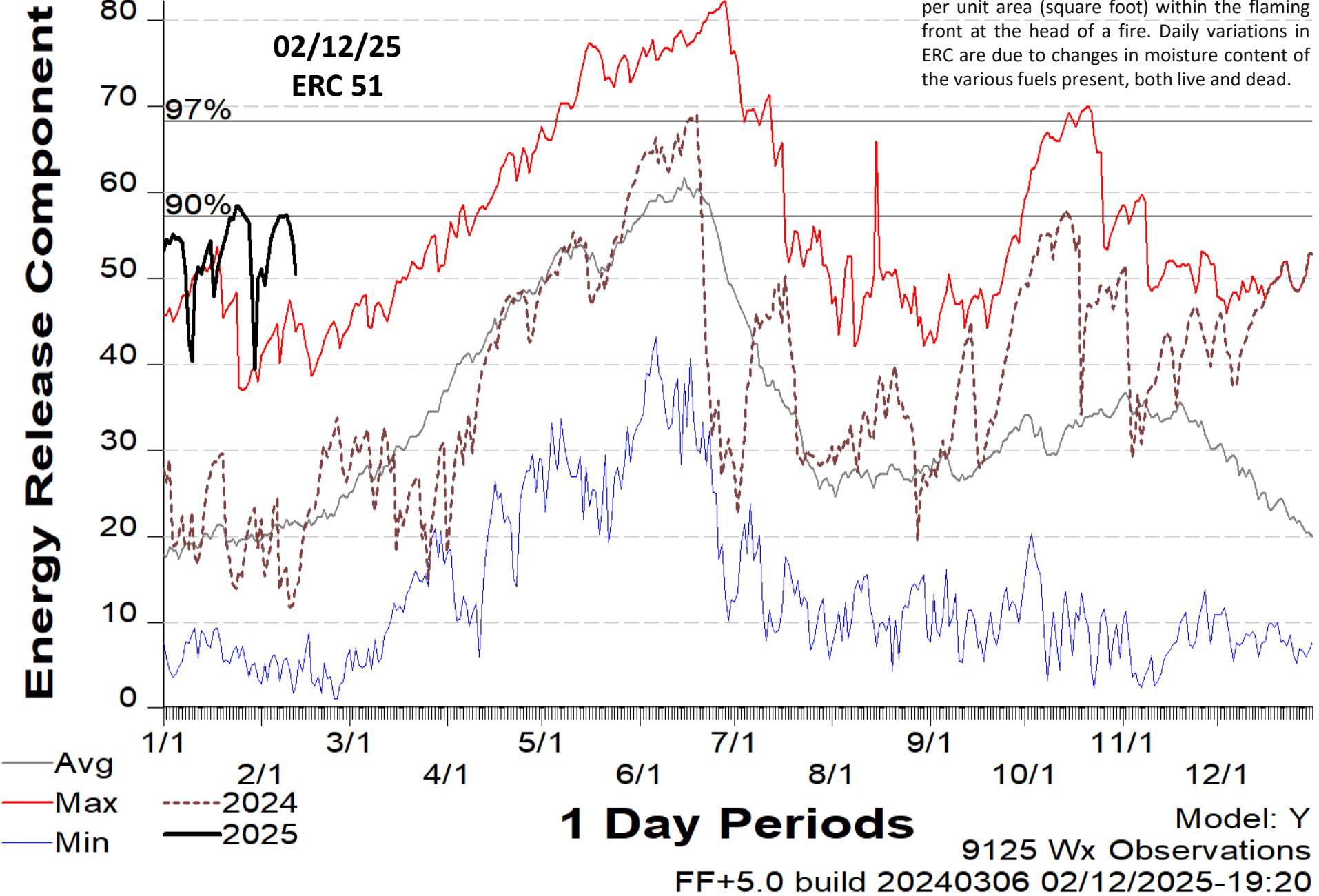
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

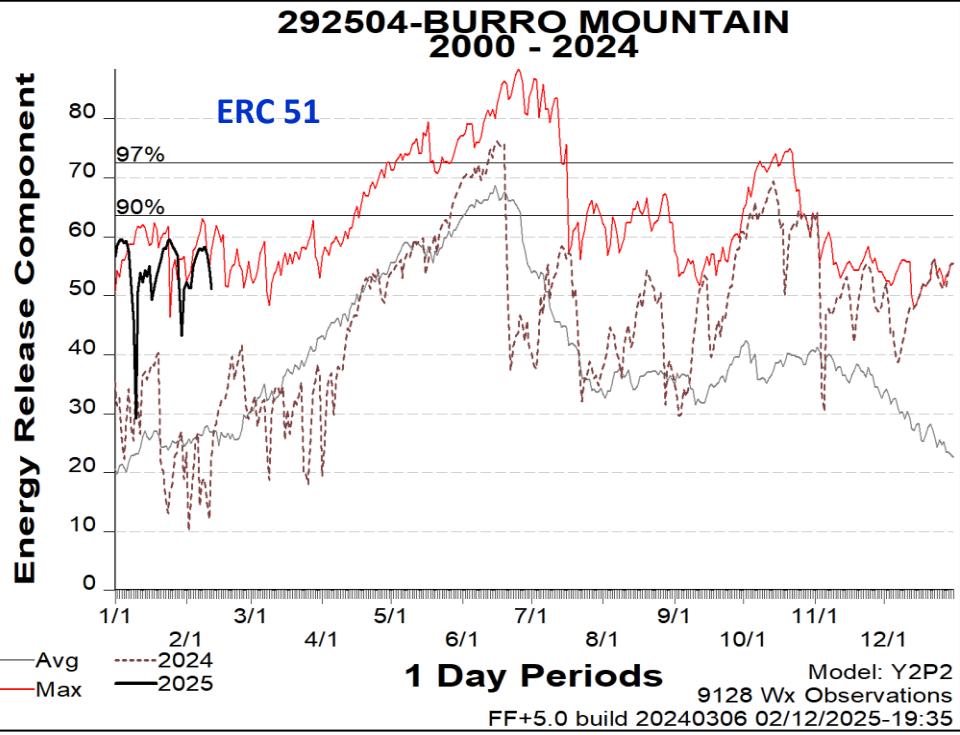
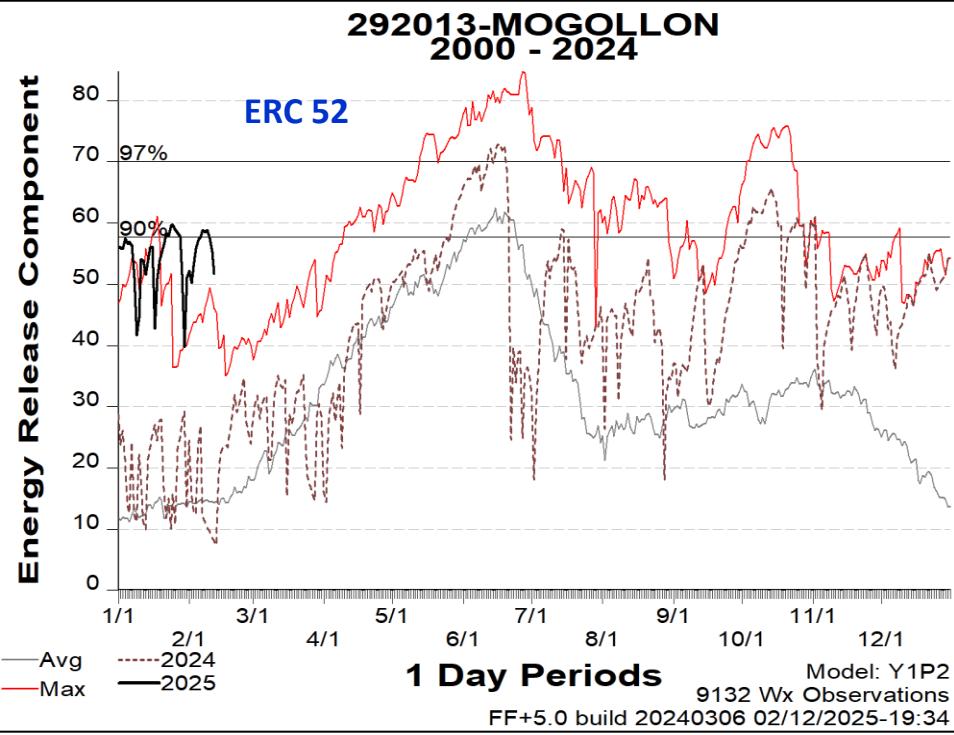
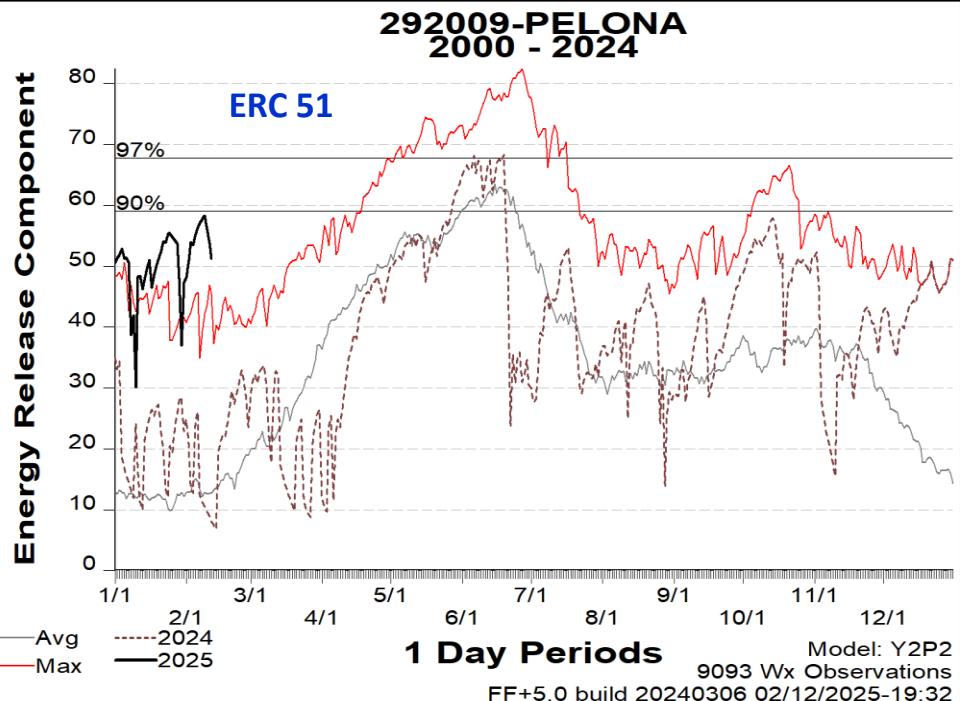
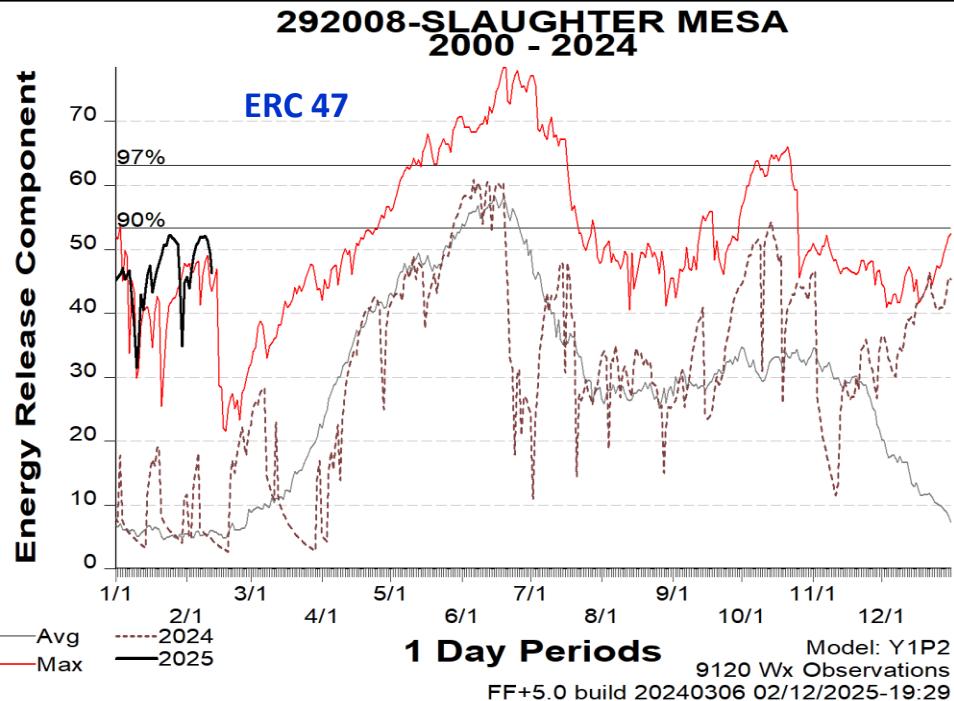


ERC Y : Timber

# SIG - Gila NF 2000 - 2024

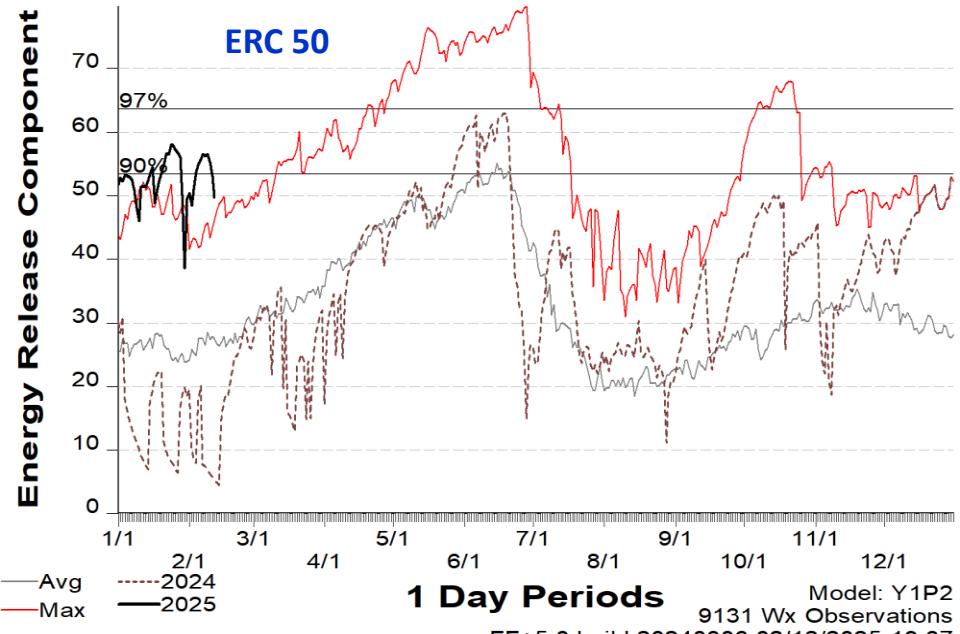
The **energy release component** (ERC) is a number related to the available **energy** (BTU) per unit area (square foot) within the flaming front at the head of a fire. Daily variations in ERC are due to changes in moisture content of the various fuels present, both live and dead.





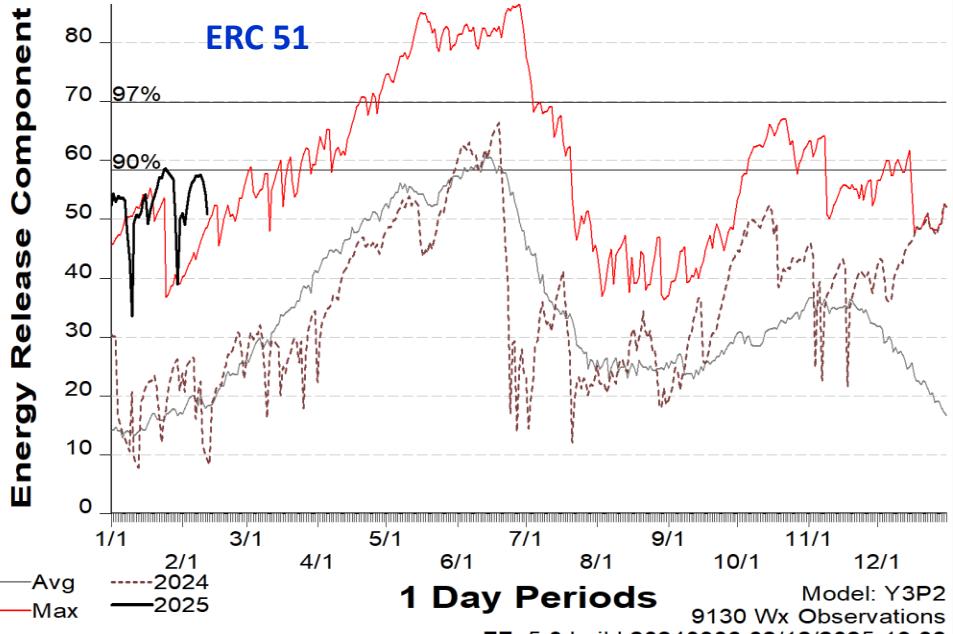
## 292004-LUNA 2000 - 2024

ERC 50



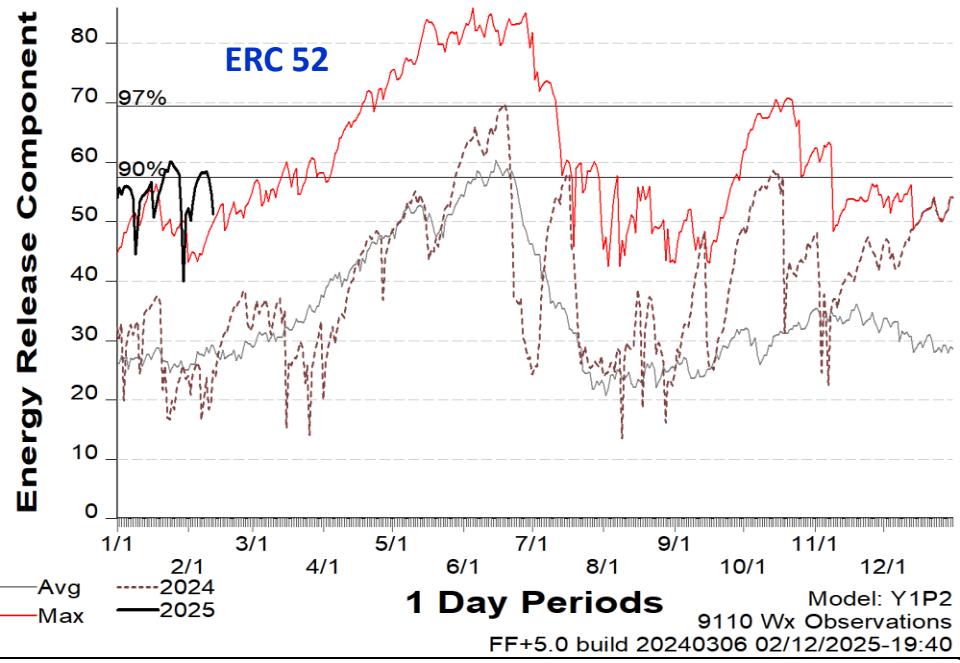
## 292001-BEAVERHEAD 2000 - 2024

ERC 51



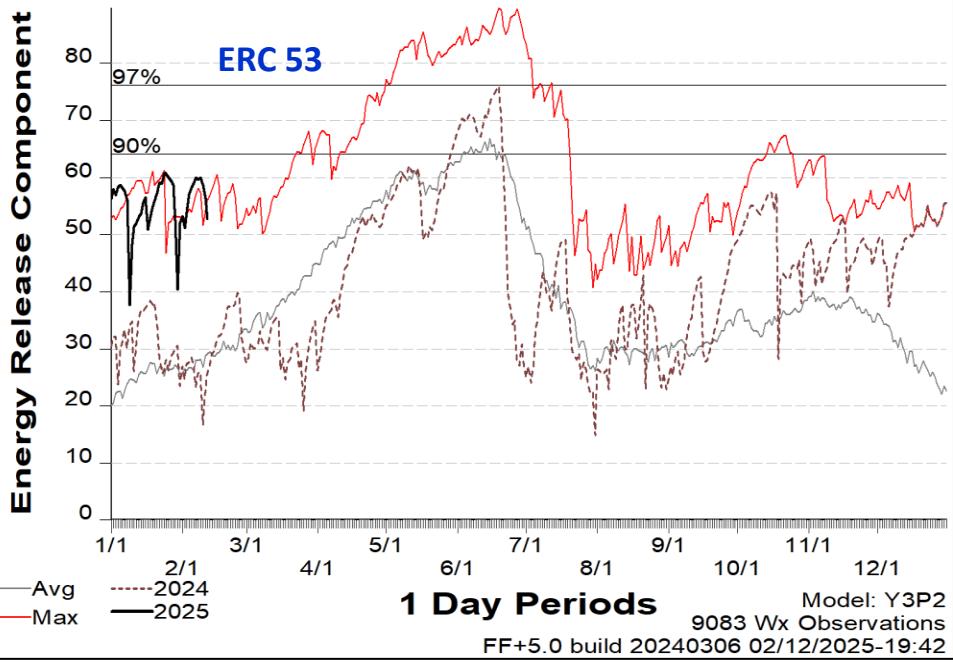
## 292005-RESERVE 2000 - 2024

ERC 52



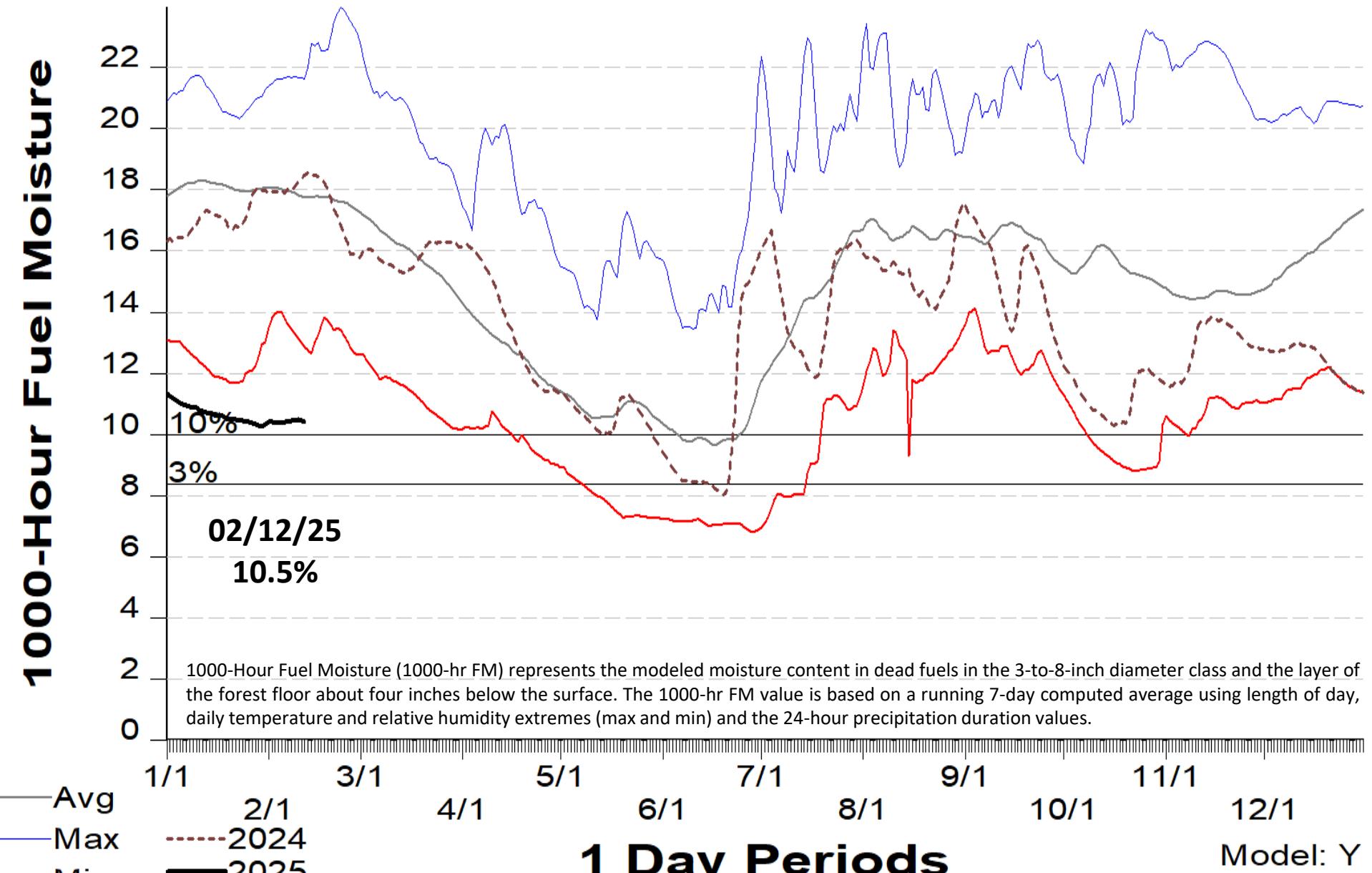
## 292011-GILA CENTER RAWs 2000 - 2024

ERC 53



# SIG - Gila NF 2000 - 2024

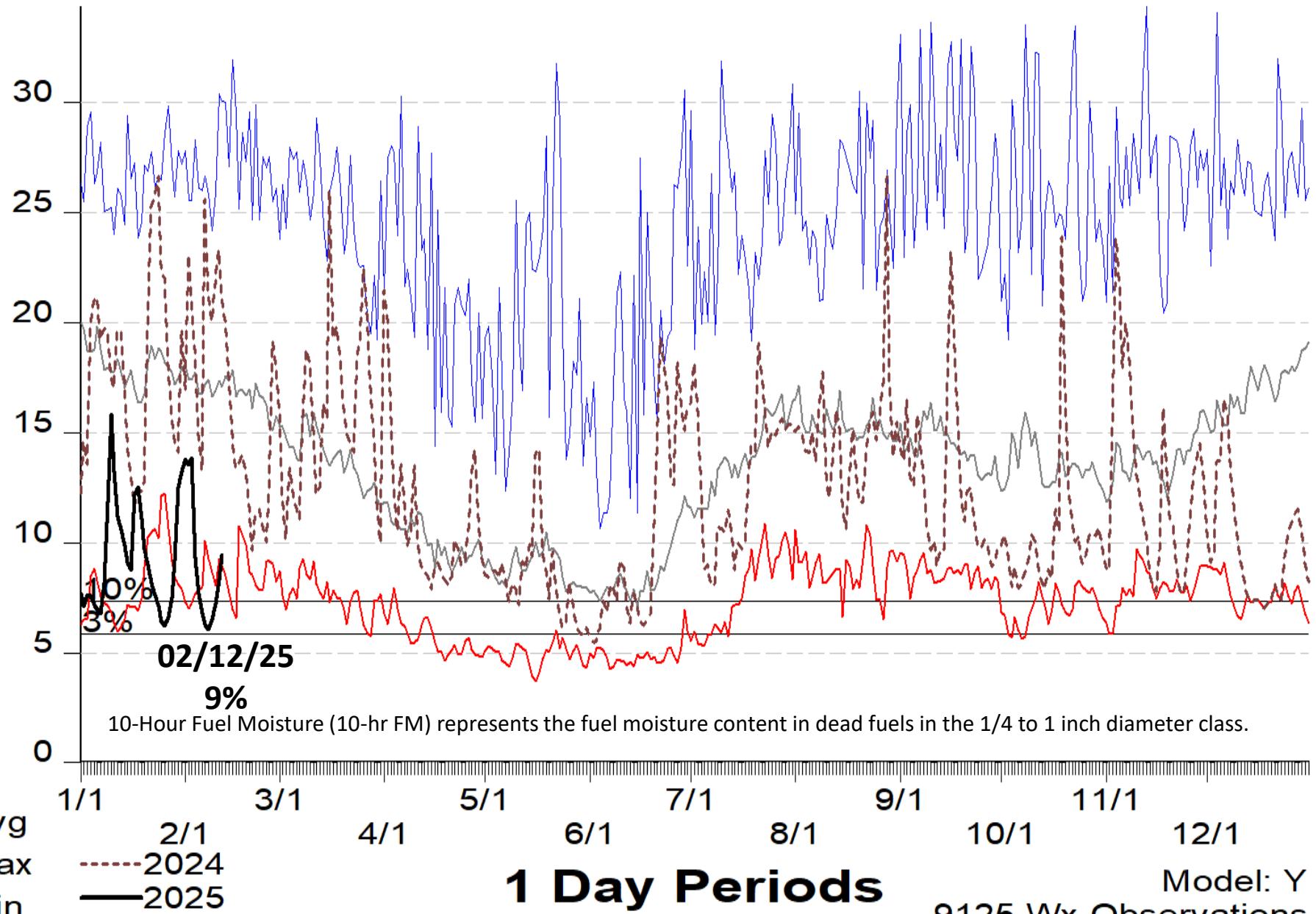
1000-Hour Fuel Moisture



ALL GILA NF RAWs

SIG - Gila NF  
2000 - 2024

10-Hour Fuel Moisture



# National Weather Service NEW MEXICO FIRE WEATHER ZONE 110 – 021320250621

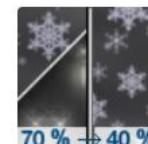
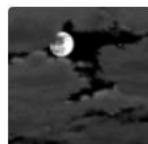
## DISCUSSION...

- Today, expect low fire weather conditions with generally light winds and min RH's above 20%.
- Friday - Saturday, expect increased RH and gusty winds, with a chance of precipitation in the western and northern portions of the zone.
- Sunday and Monday, expect min RH's drop lower, near 10% in the lowlands and near 20% in area mountains, but winds will be lighter.
- Ventilation rates the next couple of days will range from good to excellent.

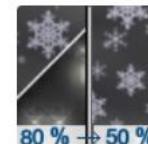
NM Weather Zone 110		Sky Weather	RH Recovery 0100-0800	Max Temp	Min RH	Wind Dir	Wind Speed	Prob of Precip
13-Feb	Thu	Mostly Sunny to Partly Cloudy with a Slight Chance of Precip	<b>75-95% Ridges 80-95% Valley</b>	45-60°	<b>20-40%</b>	S	<b>8-15</b>	0-10%
14-Feb	Fri	Mostly Cloudy with a Chance of Precip	<b>70-95% Ridges 80-95% Valley</b>	45-60°	<b>35-55%</b>	SW	<b>15-30</b>	0-80%
15-Feb	Sat	Mostly Cloudy Becoming Mostly Sunny	<b>50-70% Ridges 80-95% Valley</b>	45-60°	<b>20-40%</b>	NW	<b>15-30</b>	0-40%

\*\*On or about February 1, 2025, the NWS will discontinue Haines Index and Lightning Activity Level(LAL) in all Fire Weather Products. The discontinuation is due to the new science demonstrating the forecast information is best assessed through other forecast fields.\*\*

## 13 Miles W Pie Town NM Quemado NM

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Washington's Birthday
	 30%	 80%	 70% → 40%	 40%				
High: 53 °F Mostly Sunny	Low: 34 °F Chance Rain	High: 48 °F Rain and Breezy	Low: 24 °F Rain/Snow Likely then Chance Snow Showers	High: 43 °F Chance Snow Showers	Low: 17 °F Partly Cloudy	High: 54 °F Partly Sunny	Low: 25 °F Mostly Cloudy	High: 62 °F Partly Sunny

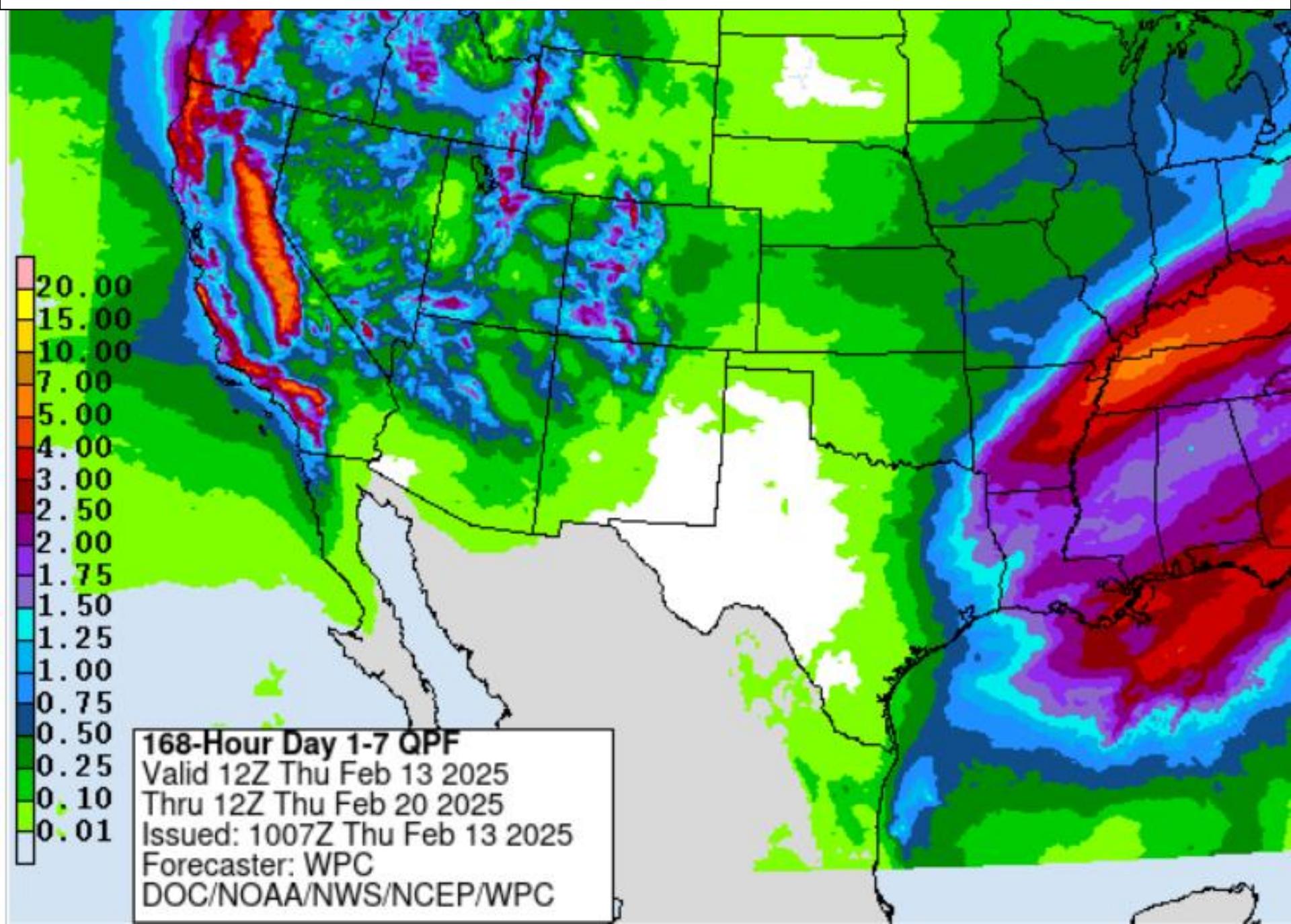
## Reserve NM

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Washington's Birthday
 10%	 30%   30%	 70%   70%	 80% → 50%	 30%				
High: 56 °F Sunny then Slight Chance Rain	Low: 30 °F Chance Rain then Chance Rain/Snow	High: 51 °F Rain/Snow Likely then Rain Likely and Breezy	Low: 16 °F Rain/Snow then Chance Snow Showers	High: 56 °F Chance Rain/Snow	Low: 12 °F Partly Cloudy	High: 63 °F Mostly Sunny	Low: 18 °F Mostly Cloudy	High: 67 °F Partly Sunny

## Silver City NM

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Washington's Birthday
		 40%	 60%   50%	 30%   30%				
High: 55 °F Mostly Sunny	Low: 38 °F Decreasing Clouds	High: 57 °F Chance Showers and Windy	Low: 32 °F Showers Likely then Chance Rain/Snow	High: 54 °F Chance Rain/Snow then Chance Showers	Low: 27 °F Mostly Clear	High: 58 °F Mostly Sunny	Low: 35 °F Mostly Cloudy	High: 62 °F Partly Sunny

# QUANTITATIVE PRECIPITATION FORECAST – 7-Day Total, Feb 13-20, 2025



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

Published: Feb 13, 2025 8:48:44 AM MT

ERC

Little or  
NO Risk

LOW RISK

MOD Risk

Lightning

Windy

Predictive Service Area (PSA)	Wed 12 Feb	Thu 13 Feb	Fri 14 Feb	Sat 15 Feb	Sun 16 Feb	Mon 17 Feb	Tue 18 Feb	Wed 19 Feb
SW01 - Northwest AZ	43	37	18	25	27	26	25	26
SW02 - West-Central AZ	49	45	24	30	31	31	33	34
SW03 - Southwest AZ	56	54	53	53	57	58	58	60
SW04 - Four Corners Area	45	46	32	29	33	34	33	33
SW05 - Western Mogollon Rim	49	46	36	34	38	39	38	38
SW06N - Central AZ/Phoenix Metro	56	55	46	41	46	47	48	50
SW06S - Southeast AZ	54	53	53	51	53	55	56	56
SW07 - Northwest NM Mtns.	39	40	31	24	29	31	32	32
SW08 - White Mtns. & Gila Region	53	52	49	49	51	54	54	53
SW09 - South/Central NM Lowlands	64	60	60	58	58	61	62	60
SW10 - Sangre De Cristo Mountains	29	31	26	23	26	28	28	28
SW11 - Central NM Mtns. & Plains	56	54	53	50	51	53	54	52
SW12 - South-Central NM Mtns.	48	48	48	46	48	51	52	49
SW13 - Northeast NM/NW TX	16	18	19	18	18	20	18	18
SW14N - Southeast NM/West TX	20	19	19	20	19	19	21	20

Luna - NW	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Feb 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	Feb 19
Max Temp, °F	51	45	49	58	62	56	58
Min Temp, °F	20	29	21	18	27	26	21
Max RH, %	68	80	77	57	40	46	52
Min RH, %	32	54	23	12	12	15	12
Max Dewpoint, °F	25	33	17	10	13	14	9
Min Dewpoint, °F	11	18	8	5	5	7	5
Max Wind, mph	15	21	14	6	14	14	8
Min Wind, mph	1	6	2	0	2	1	1
Max Wind Gust, time/dir.	2 PM ↗	2 PM ↗	2 PM ↙	2 PM ↗	2 PM ↗	2 PM ↗	2 PM ↗
Max Wind Gust, mph	21	29	20	8	20	20	12
Min Wind Gust, mph	1	8	3	0	3	1	1
Max Cloud Cover, %	88	94	79	75	79	59	38
Min Cloud Cover, %	8	67	21	21	50	23	23
Max Prob. of Precip., %	34	80	63	0	1	15	3
Max Mixing Height, ft	4500	3500	7000	2500	4500	7000	5500
Min Mixing Height, ft	500	500	0	0	0	0	0
Max Ventilation Rate, kt-ft	86	98	140	10	86	105	50
Min Ventilation Rate, kt-ft	1	4	0	0	0	0	0

# Beaverhead - East

	Thu Feb 13	Fri Feb 14	Sat Feb 15	Sun Feb 16	Mon Feb 17	Tue Feb 18	Wed Feb 19
Max Temp, °F	54	50	52	60	64	59	59
Min Temp, °F	14	25	15	10	19	20	13
Max RH, %	88	100	100	95	60	63	84
Min RH, %	29	45	19	11	12	14	12
Max Dewpoint, °F	27	33	20	9	15	15	13
Min Dewpoint, °F	11	22	9	6	4	6	5
Max Wind, mph	13	22	10	5	10	10	7
Min Wind, mph	2	7	2	1	2	2	1
Max Wind Gust, time/dir.	2 PM ↗	2 PM ↗	12 PM ↘	2 PM ↗	2 PM ↗	1 PM ↗	1 PM ↗
Max Wind Gust, mph	17	31	15	7	15	15	9
Min Wind Gust, mph	3	9	3	1	3	3	1
Max Cloud Cover, %	84	79	70	71	71	51	33
Min Cloud Cover, %	8	52	18	18	48	25	20
Max Prob. of Precip., %	13	60	40	0	0	9	3
Max Mixing Height, ft	4500	5000	7500	2500	4000	8000	4500
Min Mixing Height, ft	0	0	0	0	0	0	0
Max Ventilation Rate, kt-ft	86	185	165	14	92	144	45
Min Ventilation Rate, kt-ft	0	0	0	0	0	0	0

## White Signal - South

	Thu Feb 13	Fri Feb 14	Sat Feb 15	Sun Feb 16	Mon Feb 17	Tue Feb 18	Wed Feb 19
<b>Max Temp, °F</b>	55	58	52	57	62	59	58
<b>Min Temp, °F</b>	35	40	37	32	39	40	35
<b>Max RH, %</b>	59	67	67	47	31	31	41
<b>Min RH, %</b>	32	34	25	14	13	15	15
<b>Max Dewpoint, °F</b>	29	32	30	16	13	13	15
<b>Min Dewpoint, °F</b>	23	29	16	9	10	10	9
<b>Max Wind, mph</b>	10	35	24	9	21	23	13
<b>Min Wind, mph</b>	3	5	7	6	3	9	6
<b>Max Wind Gust, time/dir.</b>	2 PM ↑	5 PM →	12 AM ↘	12 PM ↙	4 PM →	3 PM →	12 PM ↙
<b>Max Wind Gust, mph</b>	18	52	37	16	33	36	20
<b>Min Wind Gust, mph</b>	8	7	12	8	6	14	10
<b>Max Cloud Cover, %</b>	81	56	55	61	58	31	13
<b>Min Cloud Cover, %</b>	4	23	6	8	36	15	1
<b>Max Prob. of Precip., %</b>	10	50	50	1	1	4	3
<b>Max Mixing Height, ft</b>	4775	5890	6298	3884	5189	6986	5831
<b>Min Mixing Height, ft</b>	393	419	77	226	93	0	97
<b>Max Ventilation Rate, kt-ft</b>	72	212	164	31	140	147	64
<b>Min Ventilation Rate, kt-ft</b>	2	3	1	1	1	0	1



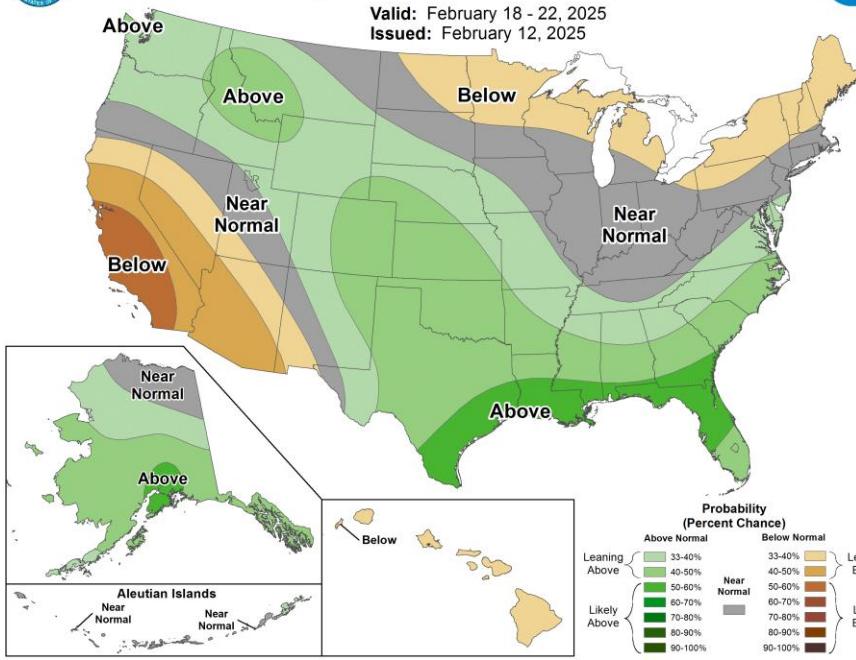
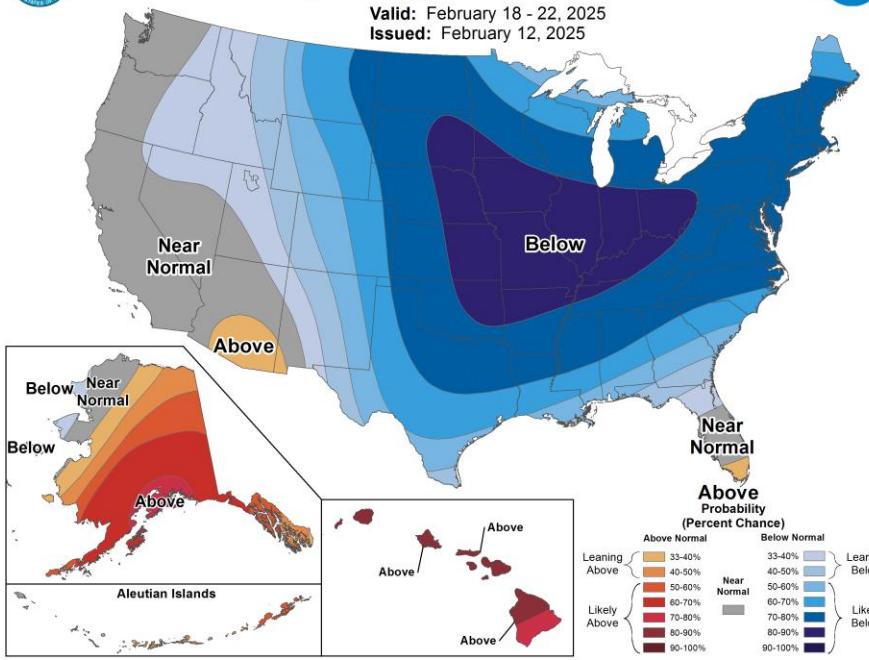
## 6-10 Day Temperature Outlook

Valid: February 18 - 22, 2025  
Issued: February 12, 2025



## 6-10 Day Precipitation Outlook

Valid: February 18 - 22, 2025  
Issued: February 12, 2025



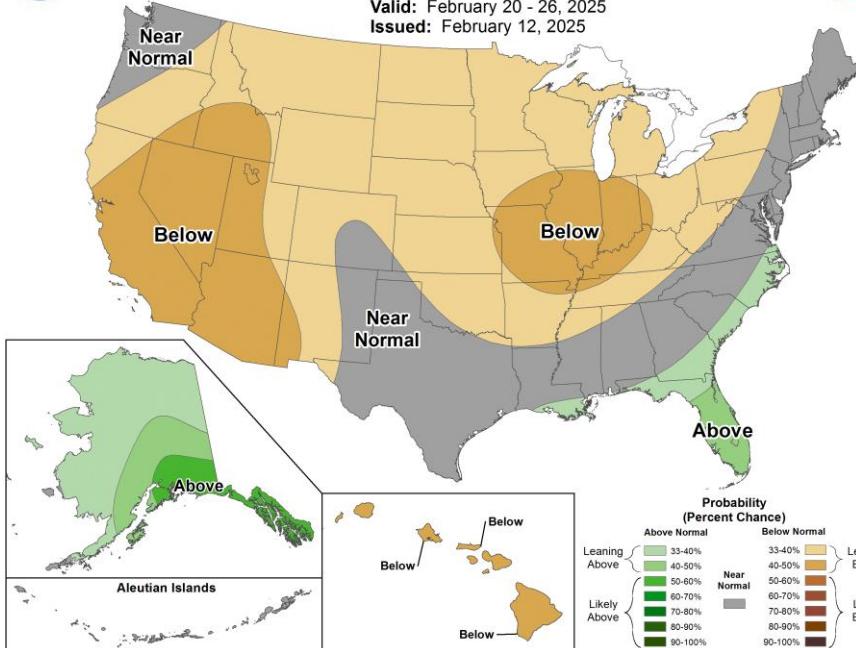
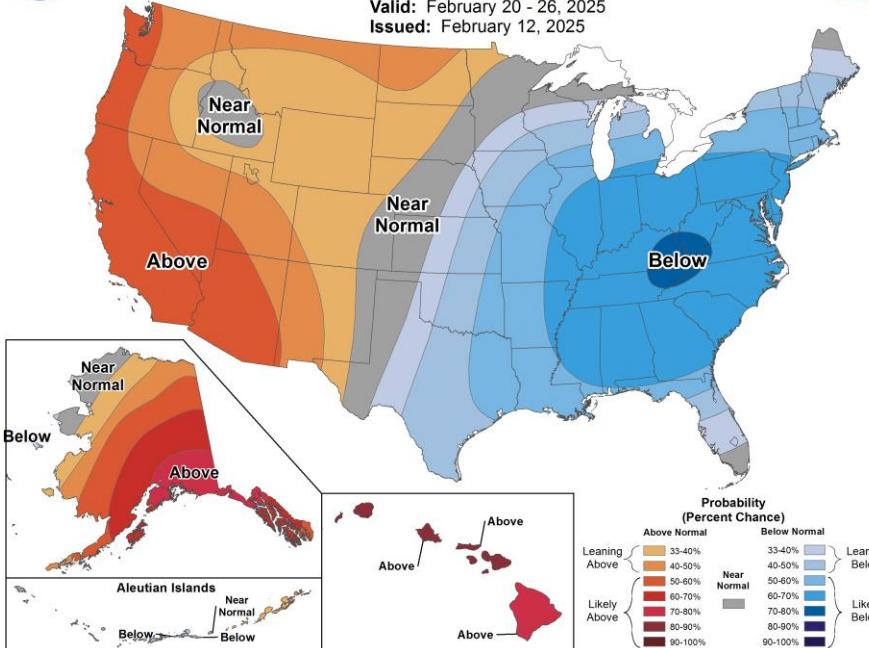
## 8-14 Day Temperature Outlook

Valid: February 20 - 26, 2025  
Issued: February 12, 2025



## 8-14 Day Precipitation Outlook

Valid: February 20 - 26, 2025  
Issued: February 12, 2025





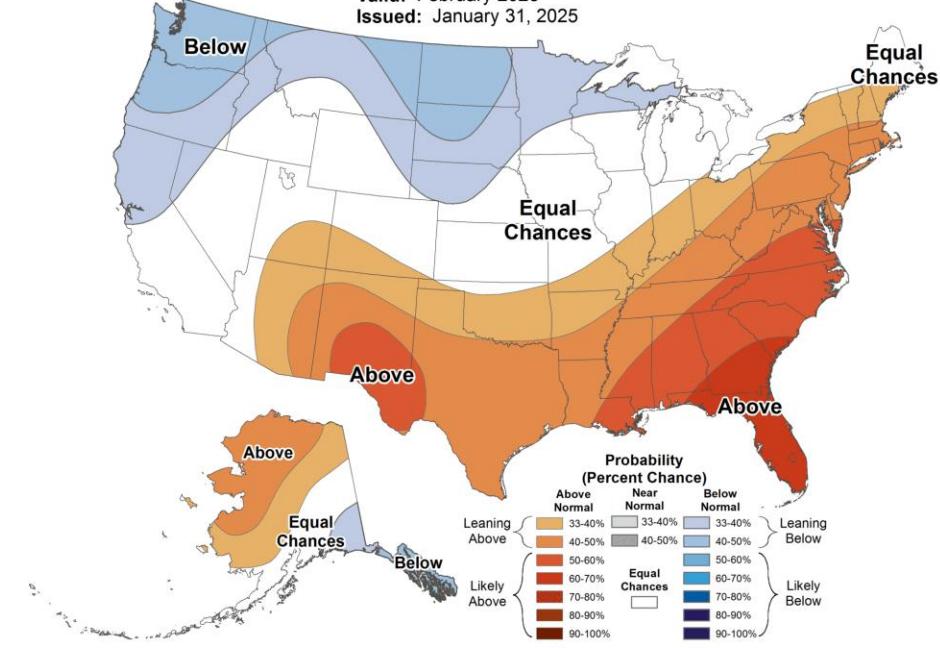
# Monthly Temperature Outlook

Valid: February 2025  
Issued: January 31, 2025



# Monthly Precipitation Outlook

Valid: February 2025  
Issued: January 31, 2025



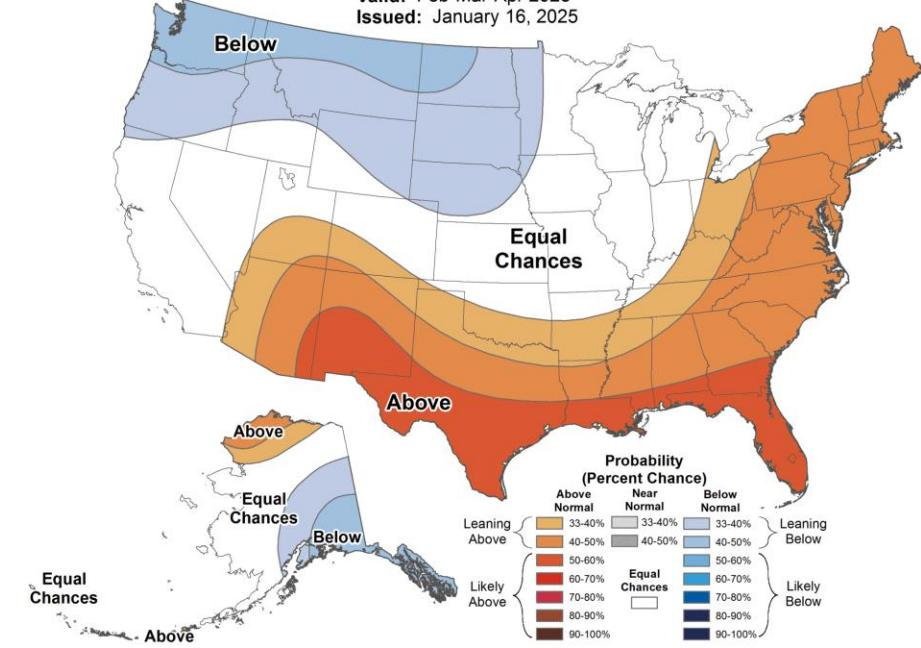
# Seasonal Temperature Outlook

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



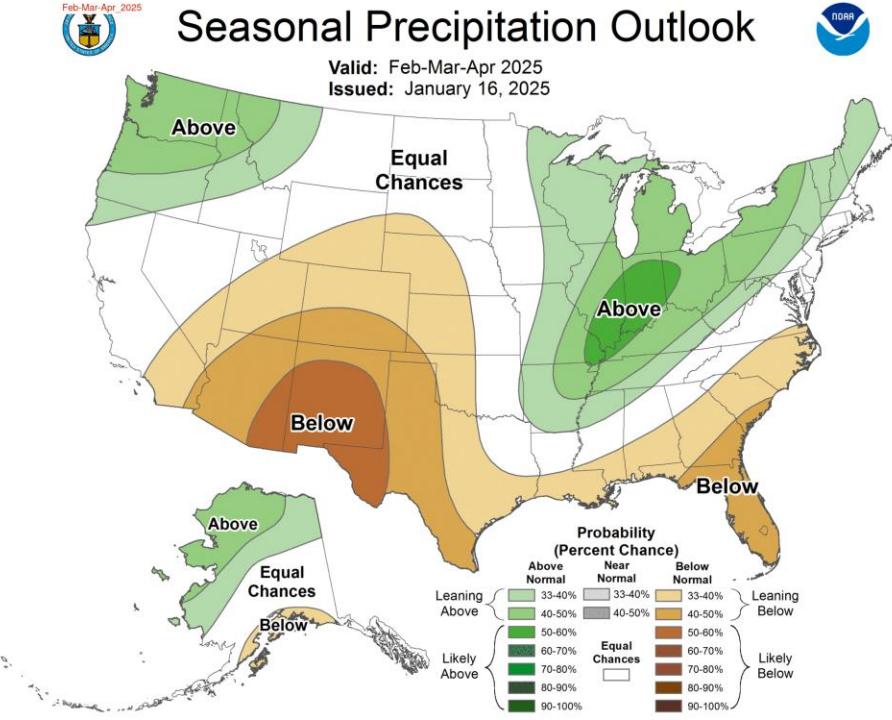
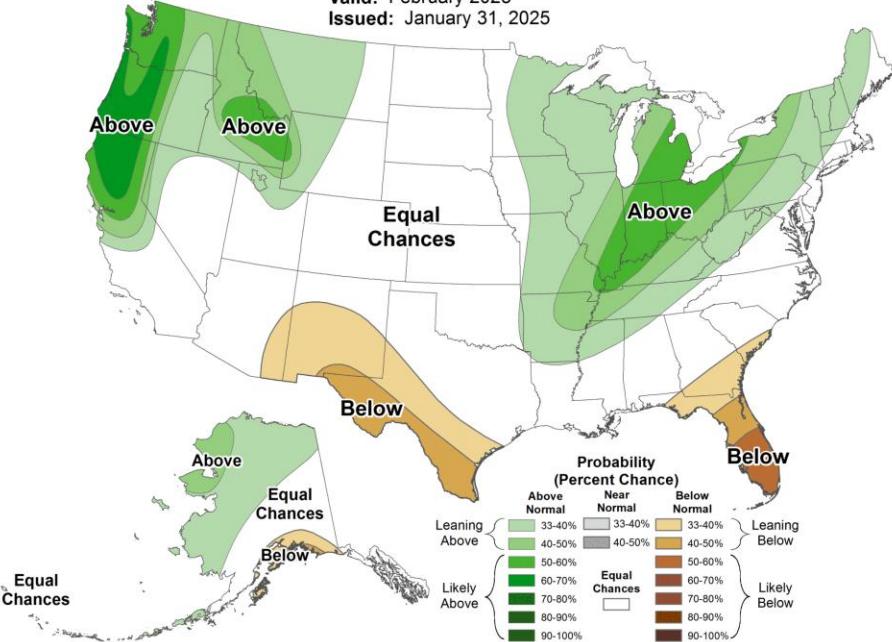
# Seasonal Precipitation Outlook

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



# Monthly Precipitation Outlook

Valid: February 2025  
Issued: January 31, 2025

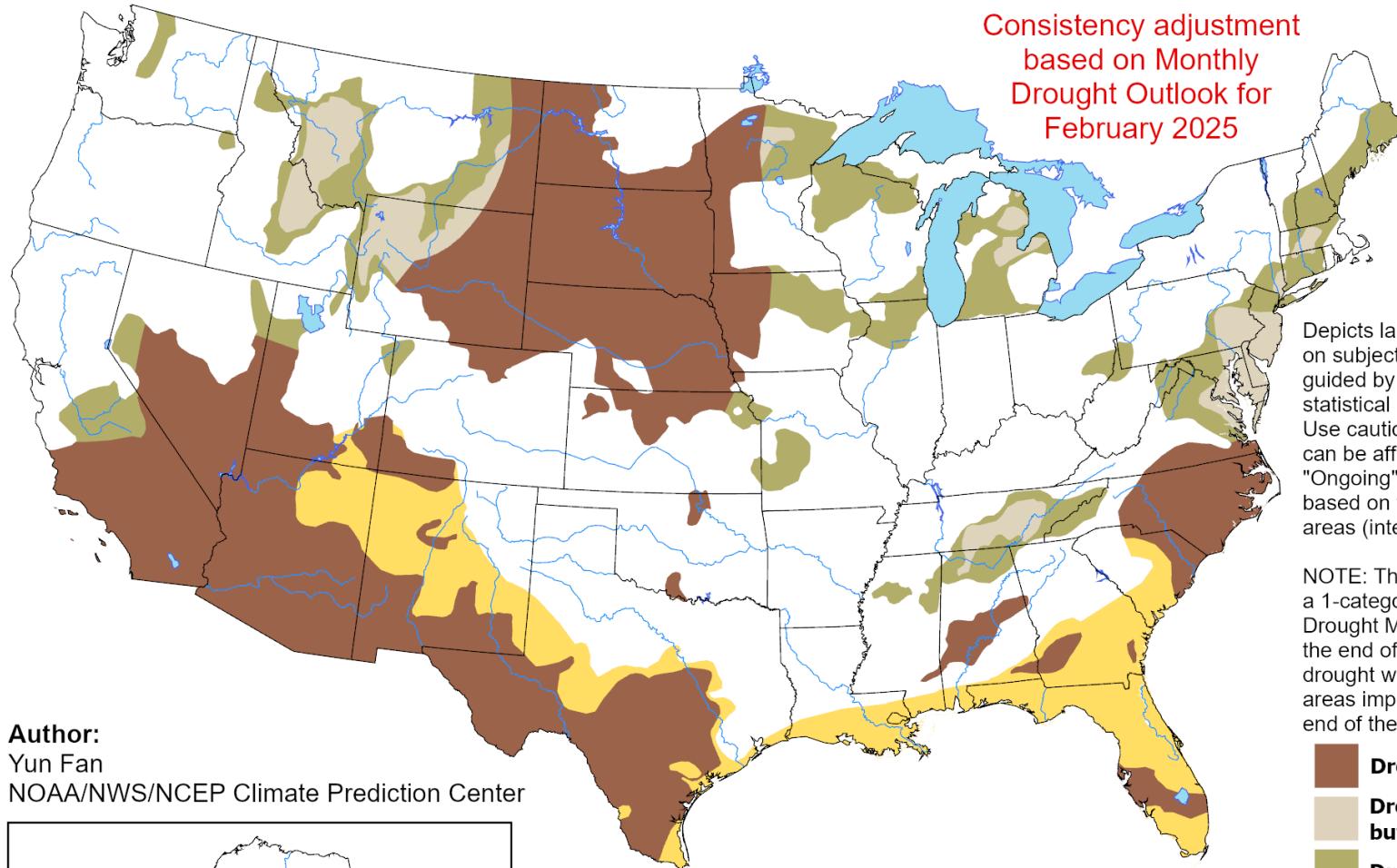


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for February 1 - April 30, 2025

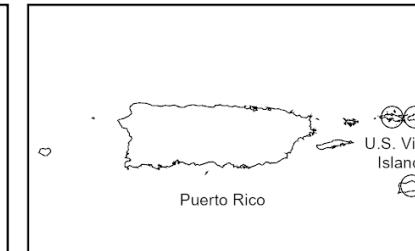
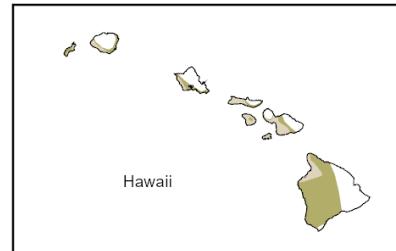
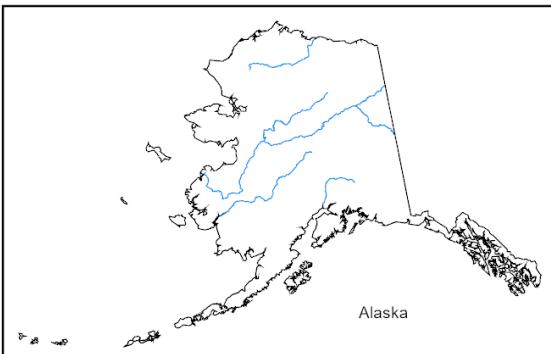
Released January 31, 2025



### Author:

Yun Fan

NOAA/NWS/NCEP Climate Prediction Center



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