



Weekly Weather Briefing

February 24, 2025
2:00 PM

SPRING-LIKE PATTERN BRINGS WARMTH AND SOME FIRE DANGER



Planning On Burning? Know Your Limits.

- Don't burn when windy or during low humidity
- Know local burn bans and regulations





Weekly Weather Briefing

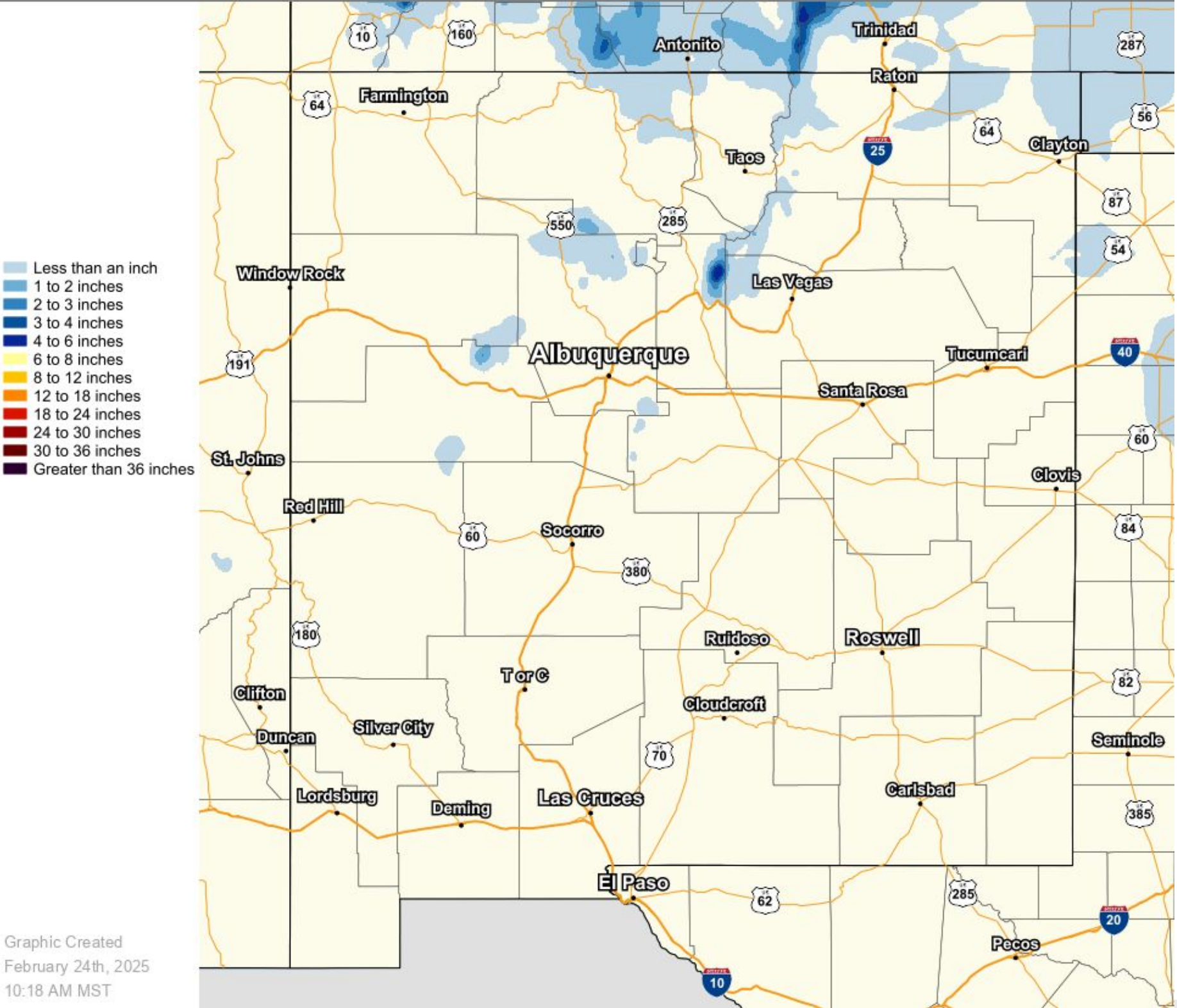
February 24, 2025
2:00 PM

Observations of Last Week



Observed Snowfall

Valid Monday February 17th, 2025 at 5 AM MST through Monday February 24th, 2025 at 5 AM MST

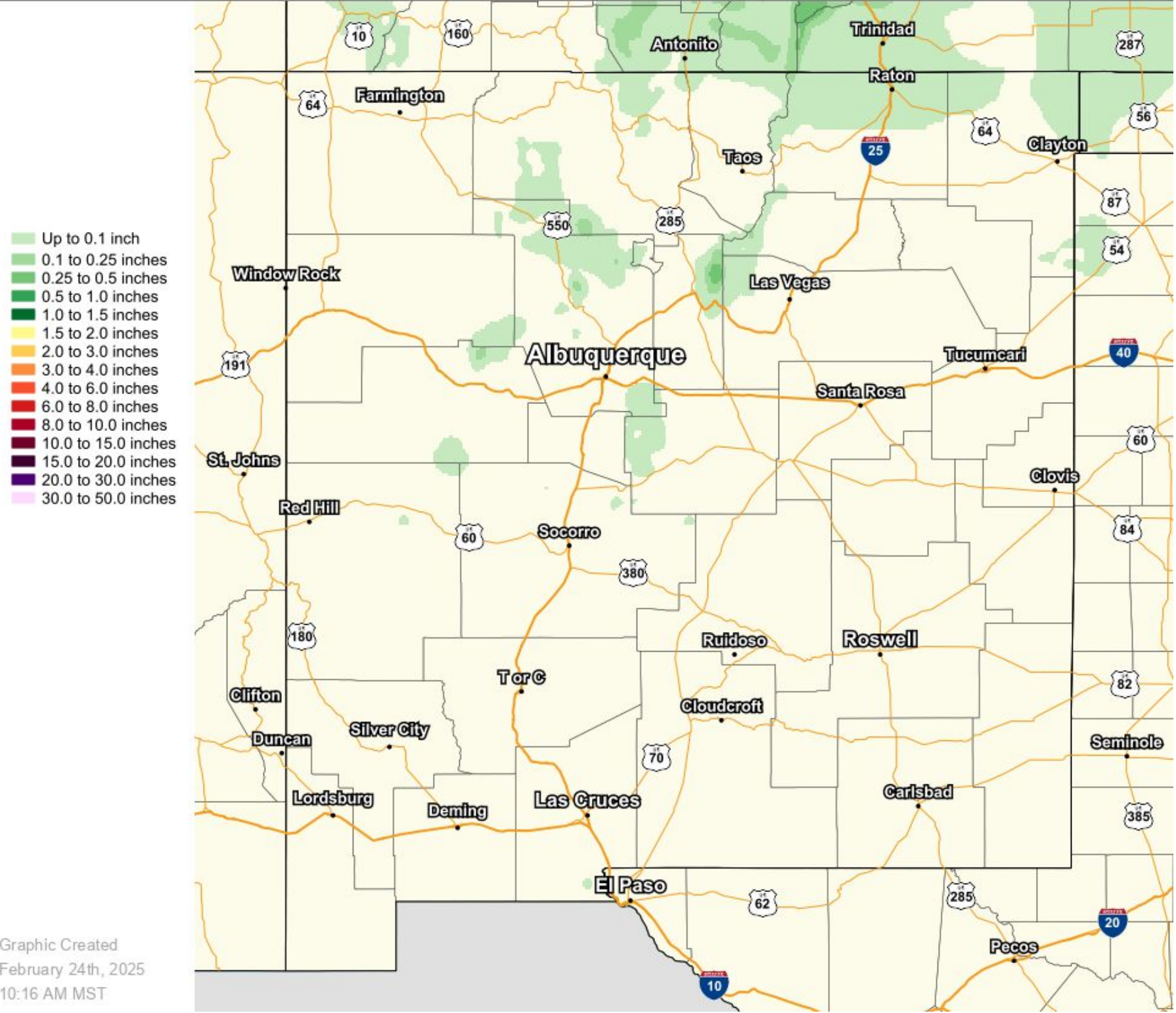


Graphic Created
February 24th, 2025
10:18 AM MST



Observed Precipitation

Valid Ending Monday February 24th, 2025 at 10 AM MST



Graphic Created
February 24th, 2025
10:16 AM MST

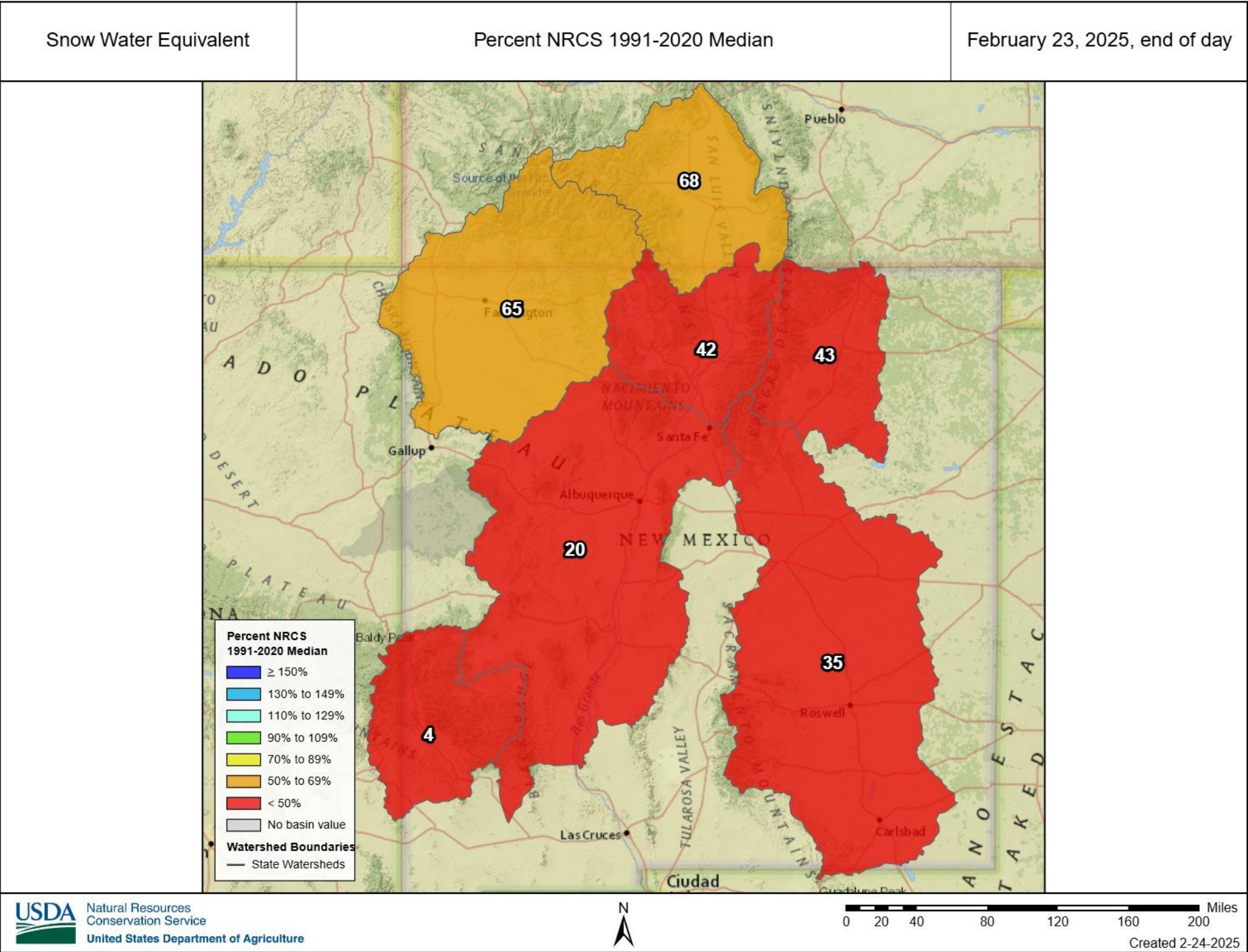




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Current Snowpack Conditions



- Basins for New Mexico still largely show less than half of the normal snowpack for this time of year.
- The basins in Southern Colorado are somewhat better but still well below normal.
- It is increasingly likely that we will have a lackluster spring runoff which will not provide much benefit for water supply.
- Concern is growing about dry conditions and the upcoming fire season.
- We are seeing continued gradual expansion of drought conditions.



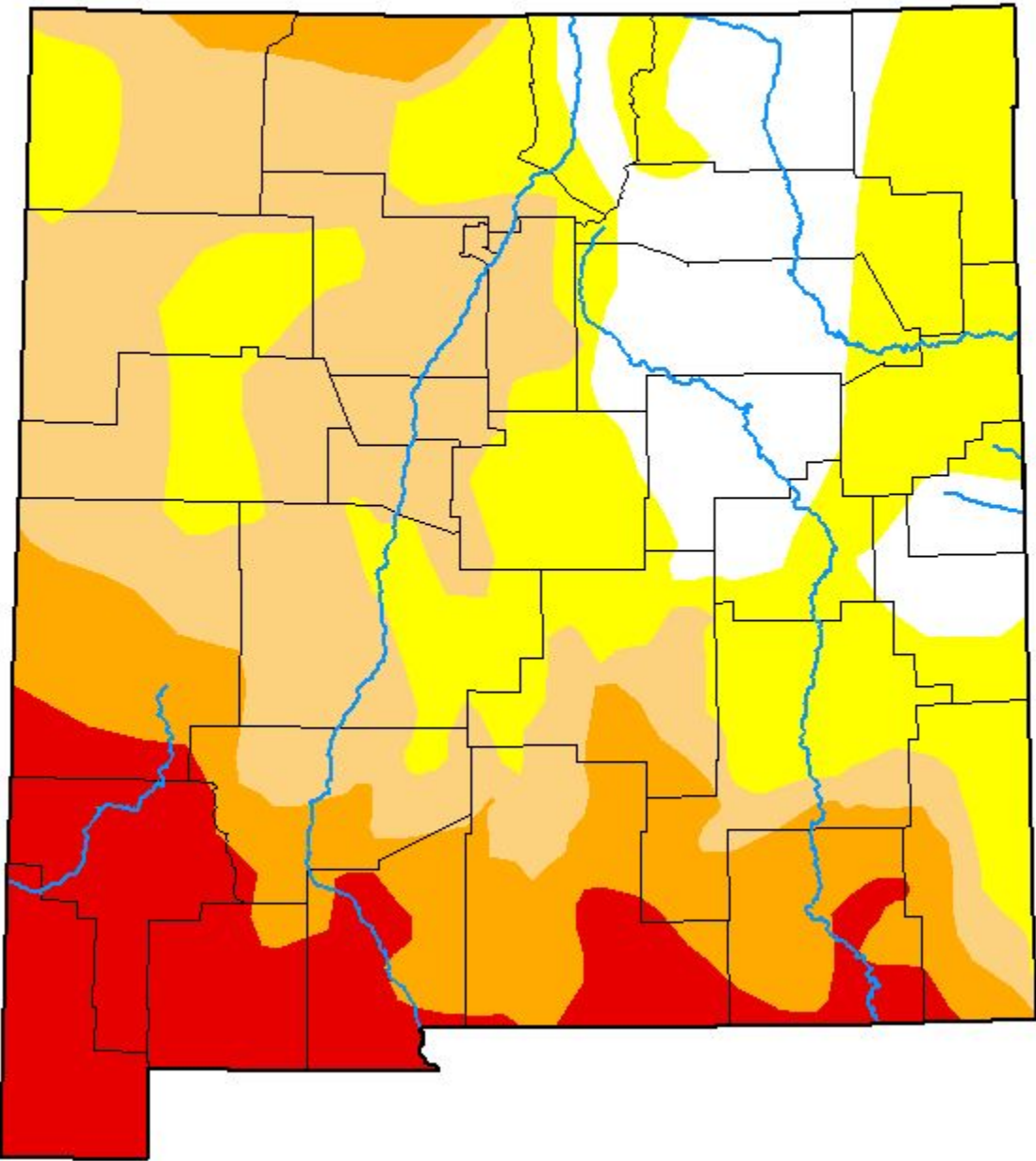


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Current Drought Conditions

U.S. Drought Monitor New Mexico



February 18, 2025
(Released Thursday, Feb. 20, 2025)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	13.95	86.05	57.13	29.08	13.98	0.00
Last Week 02-11-2025	13.95	86.05	54.02	27.93	11.24	0.00
3 Months Ago 11-19-2024	36.15	63.85	27.46	16.00	5.19	0.00
Start of Calendar Year 01-07-2025	43.30	56.70	35.22	19.69	5.37	0.00
Start of Water Year 10-01-2024	28.35	71.65	34.73	17.54	2.80	0.00
One Year Ago 02-20-2024	2.82	97.18	88.19	47.86	19.28	3.51

Intensity:

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

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

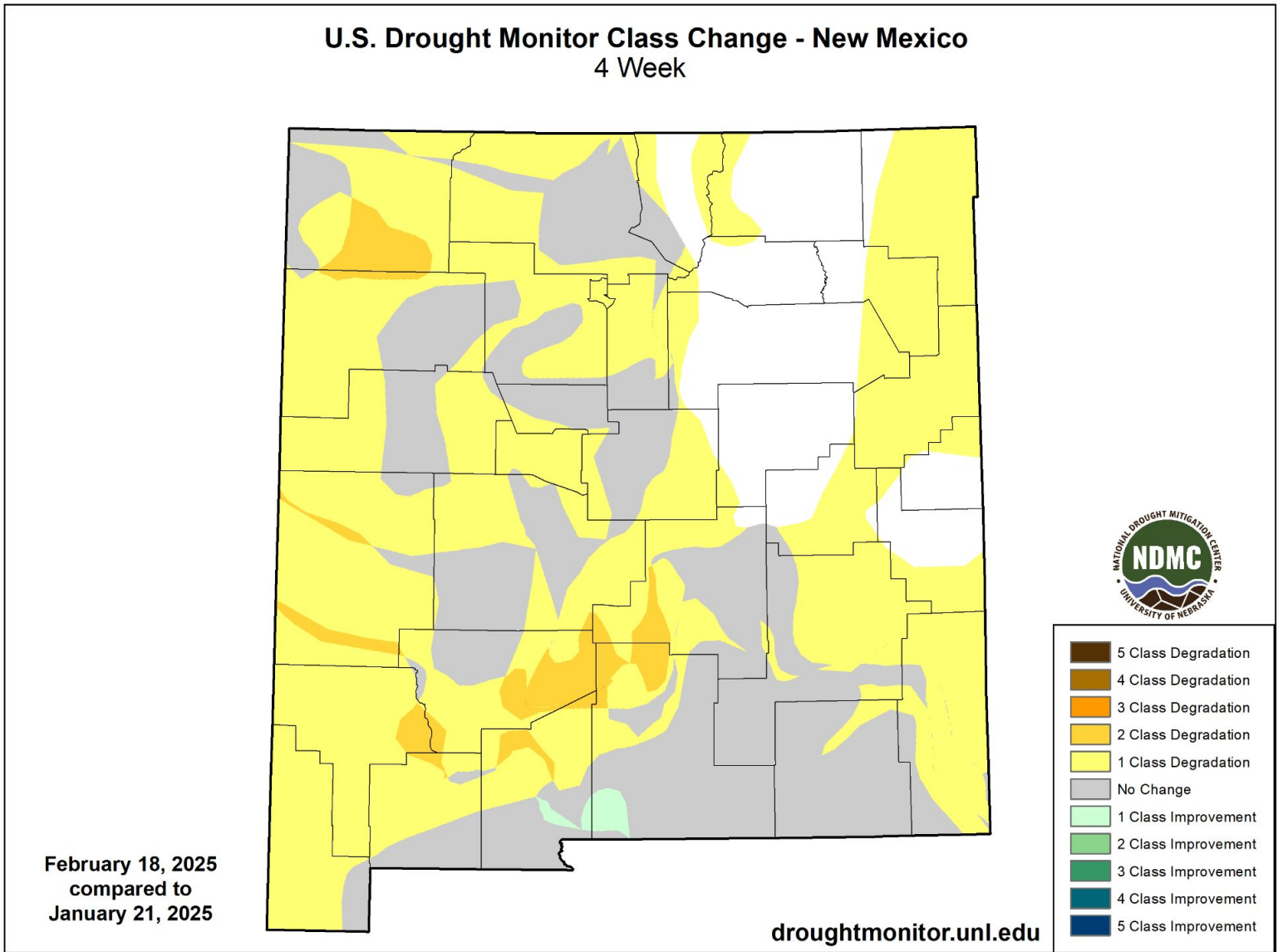
Author:

Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor Class Change - New Mexico 4 Week



Widespread 1-2 class degradations in drought conditions throughout the state.

No areas of improvement.





Well Below Normal Winter Precipitation

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Meteorological Winter 2024-2025 (Dec, Jan & Feb) has been exceptionally dry.

Location	Current Precipitation (Dec 2024-Feb 2025)	Current Rank (as of 2/24/2025)
ABQ Sunport	0.12"	#1 Driest since 1891
Chama	1.42"	#5 Driest since 1892
Clayton Airport	0.46"	#29 Driest since 1895
Clovis COOP	0.51"	#20 Driest since 1949
Farmington Airport	0.42"	#6 Driest since 1941*
Gallup Airport	0.17"	#1 Driest since 1972
Las Vegas Airport	0.01"	#1 Driest since 1940
Los Alamos	0.22"	#4 Driest since 1901
Raton Airport	0.52"	#11 Driest since 1940*
Roswell Airport	0.43"	#20 Driest since 1892
Santa Fe Airport	0.17	#3 Driest since 1941*
Tucumcari Airport**	0.03"	#2 Driest since 1940*

* Indicates missing years of data





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Temperature and Precipitation Outlook

Location	Maximum Temperature							Probability of Precipitation						
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	02/24	02/25	02/26	02/27	02/28	03/01	03/02	02/24	02/25	02/26	02/27	02/28	03/01	03/02
Albuquerque	72	72	66	60	66	70	65	0	0	0	0	0	20	10
Santa Fe	68	69	61	58	64	65	61	0	0	0	0	0	20	10
Farmington	66	68	56	59	65	67	64	0	0	0	0	0	10	10
Gallup	69	69	59	60	64	65	62	0	0	0	0	0	10	0
Grants	70	71	62	59	65	64	62	0	0	0	0	0	20	0
Clayton	72	73	52	60	69	61	59	0	0	0	0	0	10	20
Raton	72	71	50	59	67	62	61	0	0	10	0	0	10	20
Las Vegas	69	68	53	57	64	62	58	0	0	0	0	0	20	10
Moriarty	71	72	62	59	65	67	62	0	0	0	0	0	20	10
Tucumcari	77	77	58	62	70	66	64	0	0	0	0	0	20	20
Clovis	77	76	58	61	70	69	65	0	0	0	0	0	20	20
Roswell	85	81	68	64	73	75	73	0	0	0	0	0	20	10
Socorro	77	77	71	65	71	74	71	0	0	0	0	0	10	0
Chama	55	56	52	52	56	57	54	0	0	0	0	0	10	20
Taos	64	64	57	57	62	62	58	0	0	10	0	0	10	10
Angel Fire	57	57	48	49	56	54	51	0	0	20	0	0	20	20
Los Alamos	63	63	56	54	60	59	57	0	0	0	0	0	20	10
Ruidoso	67	68	58	54	60	62	57	0	0	20	0	0	20	10
Quemado	67	67	61	60	64	63	60	0	0	0	0	0	10	0

- **High/Low Temps:** Record highs threatened early week prior to cold front. Temps rebound Fri-Sat.
- **Precipitation:** Mainly dry until the weekend, then spotty light rain/high mountain snow.

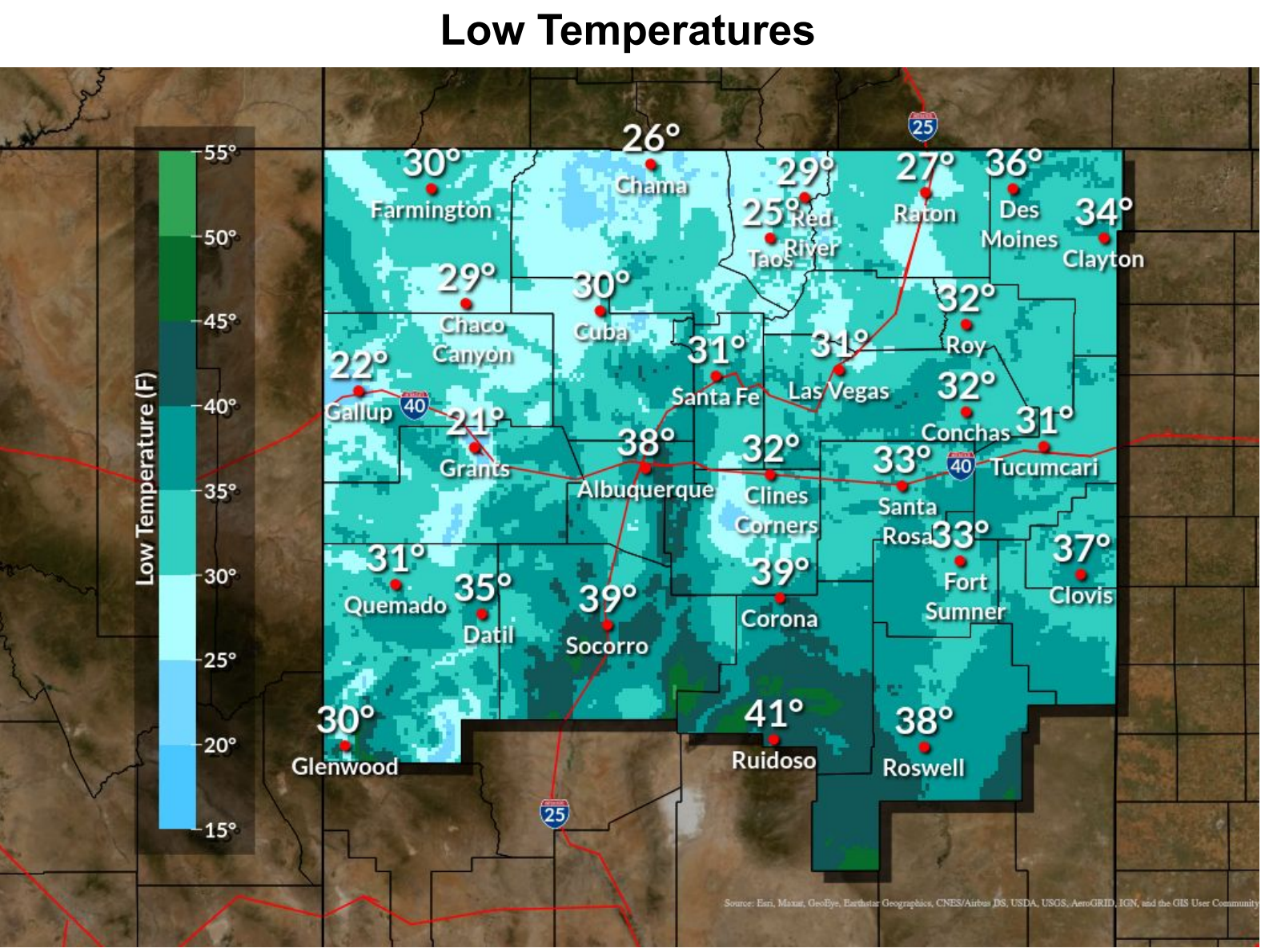
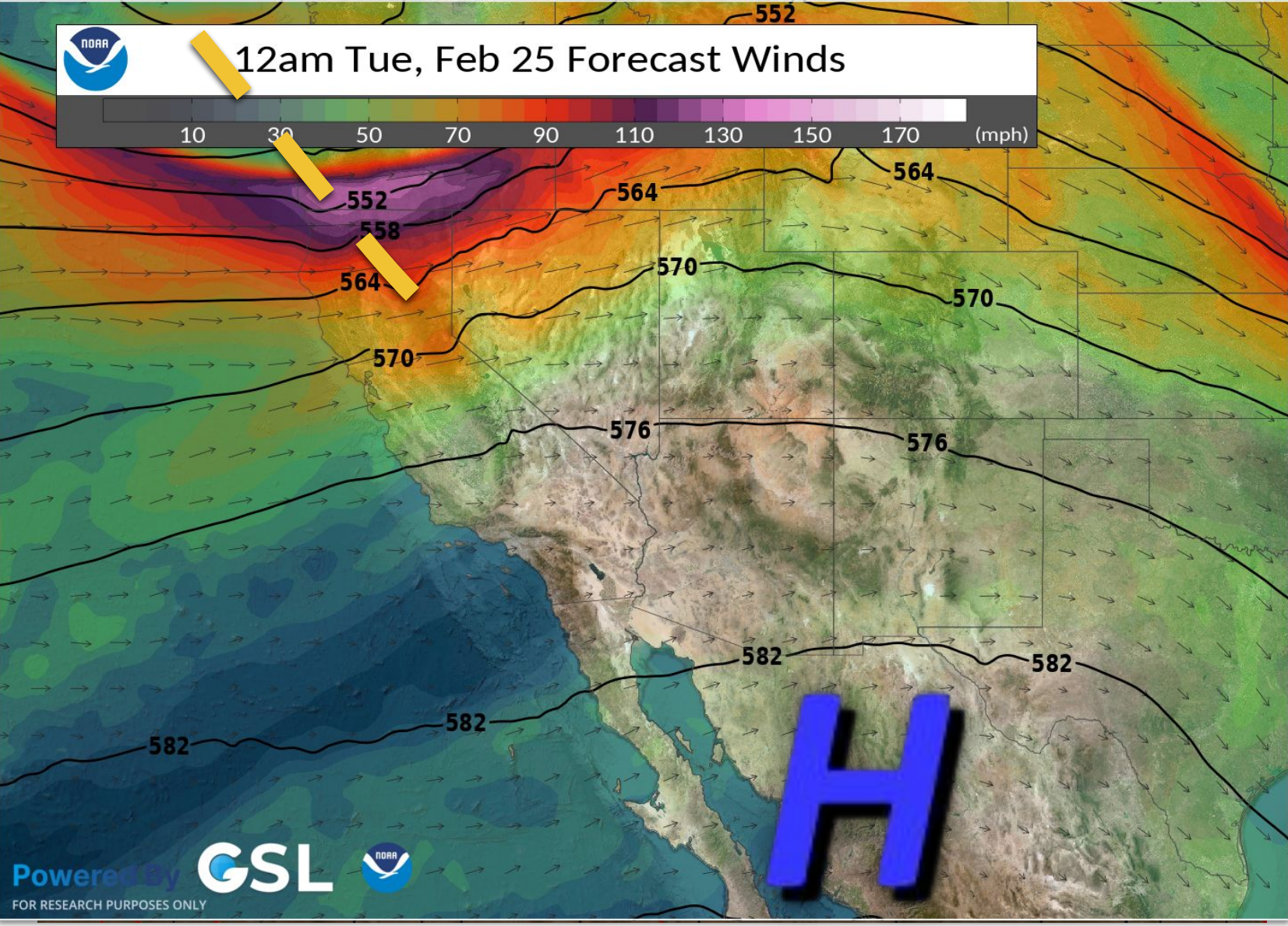




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Tonight



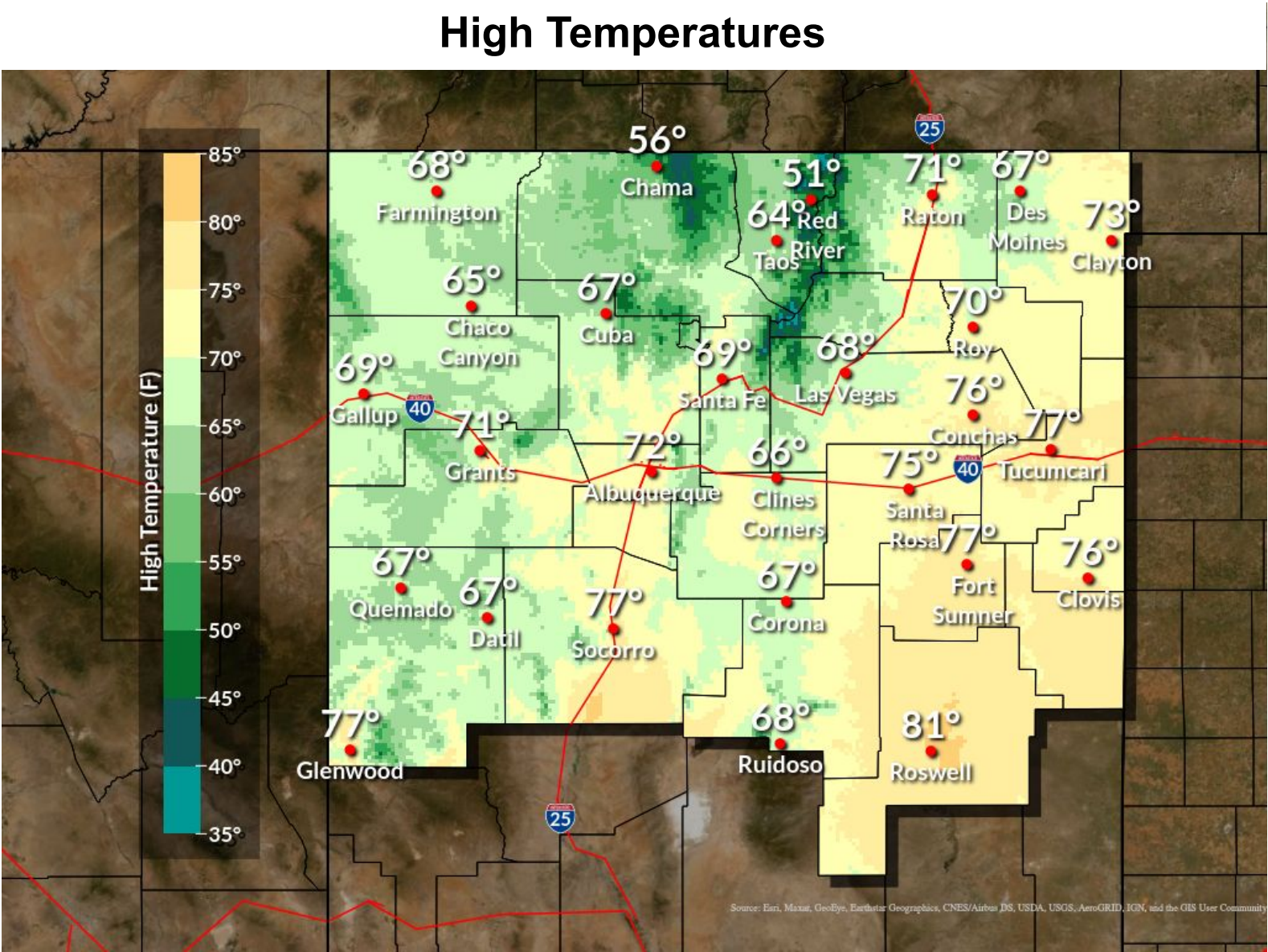
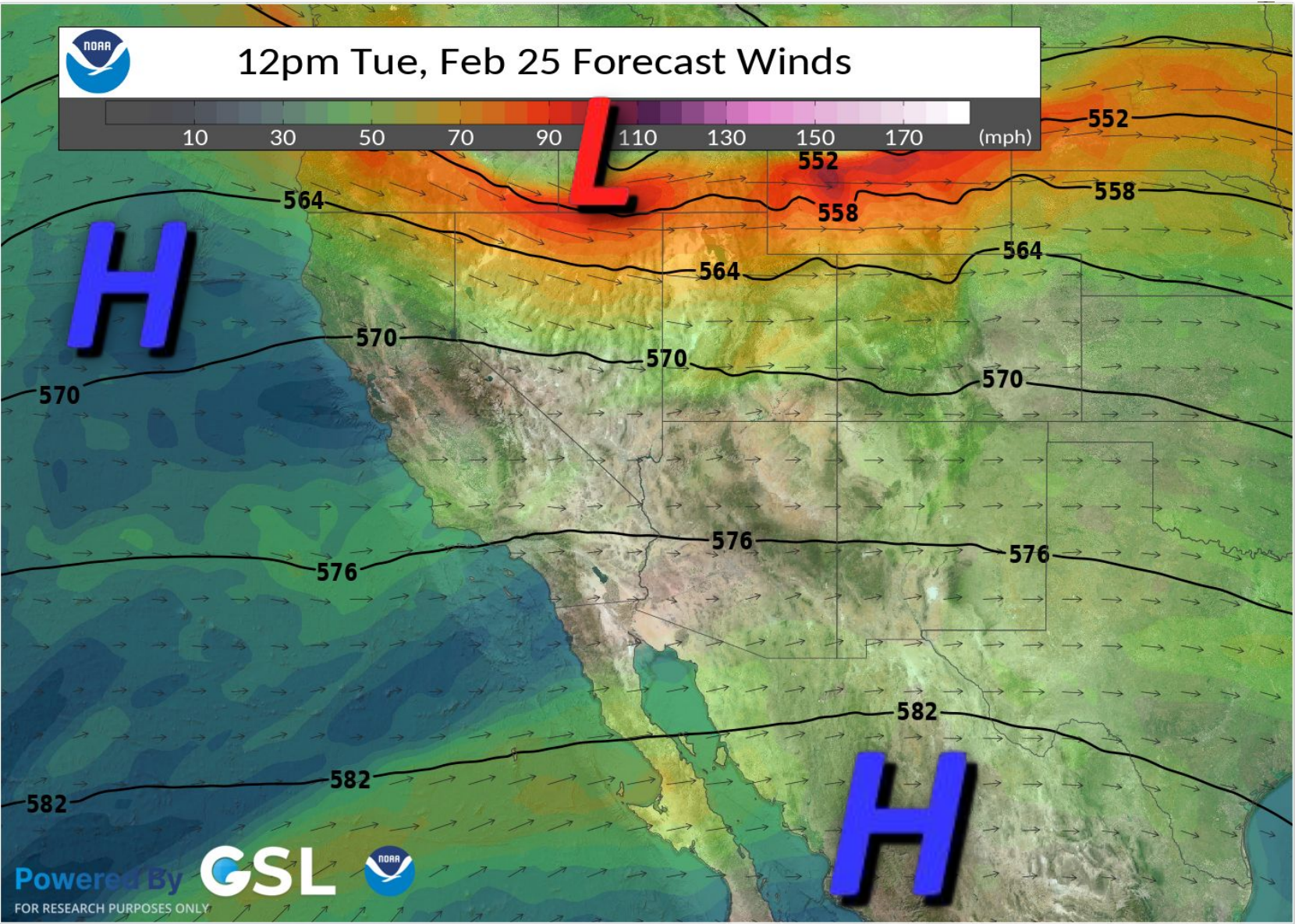
Wind & Fire Weather	No significant impacts
Thunderstorms	No significant impacts
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	No significant impacts



Weekly Weather Briefing

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Tuesday



Wind & Fire Weather	Elevated fire weather conditions across southern highlands in the afternoon.
Thunderstorms	No significant impacts
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	No significant impacts



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

Potential Impact Levels

No Impacts

Minor

Moderate

Major

Extreme

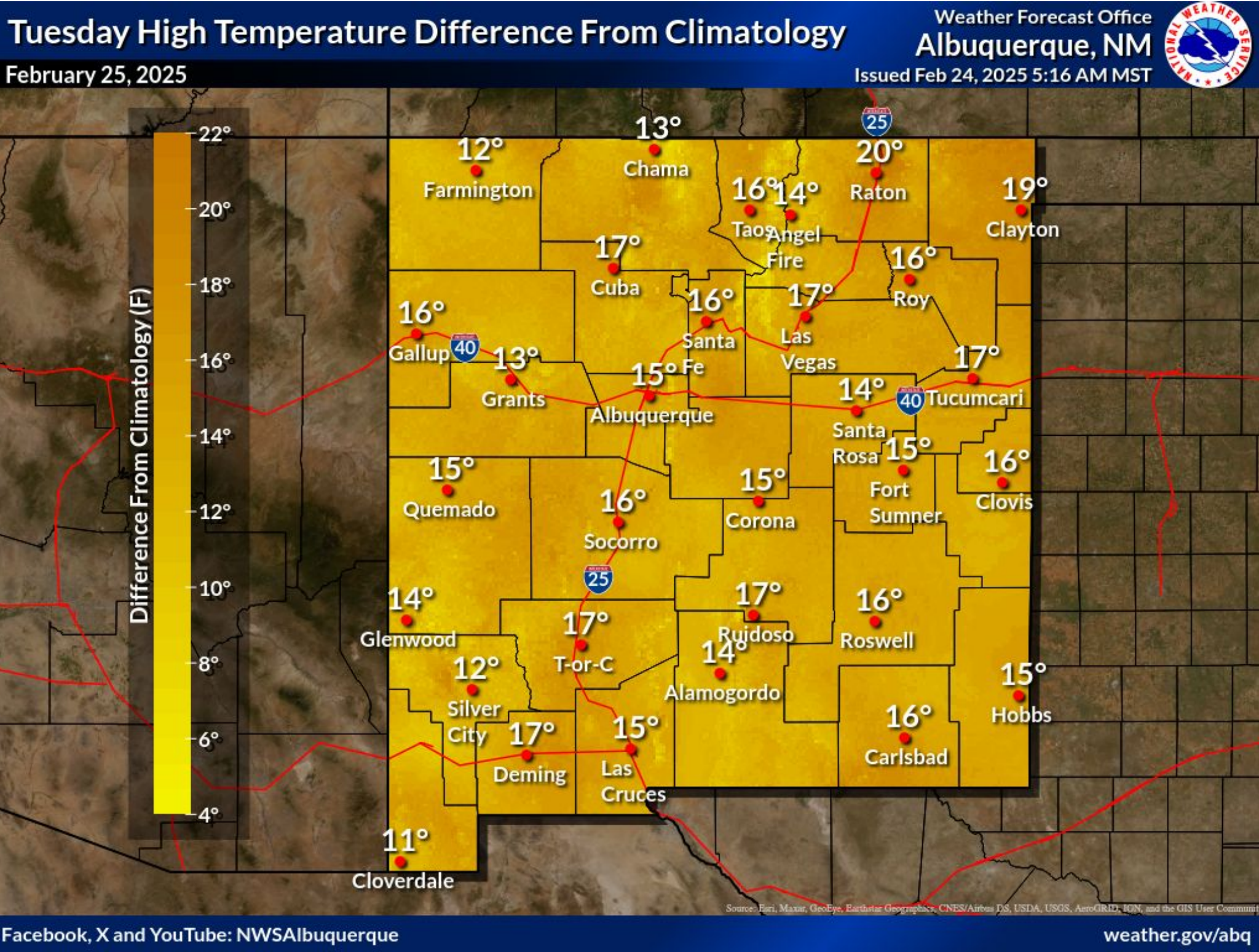
National Weather Service
Albuquerque, NM



Tuesday: Record Warmth Continues

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All areas remain 15 to 20 degrees above normal



Location	Forecast High Temperature	Record High & Year
Angel Fire COOP	57°	53° - 2009
Cuba COOP	67°	67° - 1986
Moriarty COOP	72°	67° - 2009
Raton Crews Airport	71°	69° - 2009
Santa Fe Airport**	69°	68° - 2009

***periods of missing data in climate record*

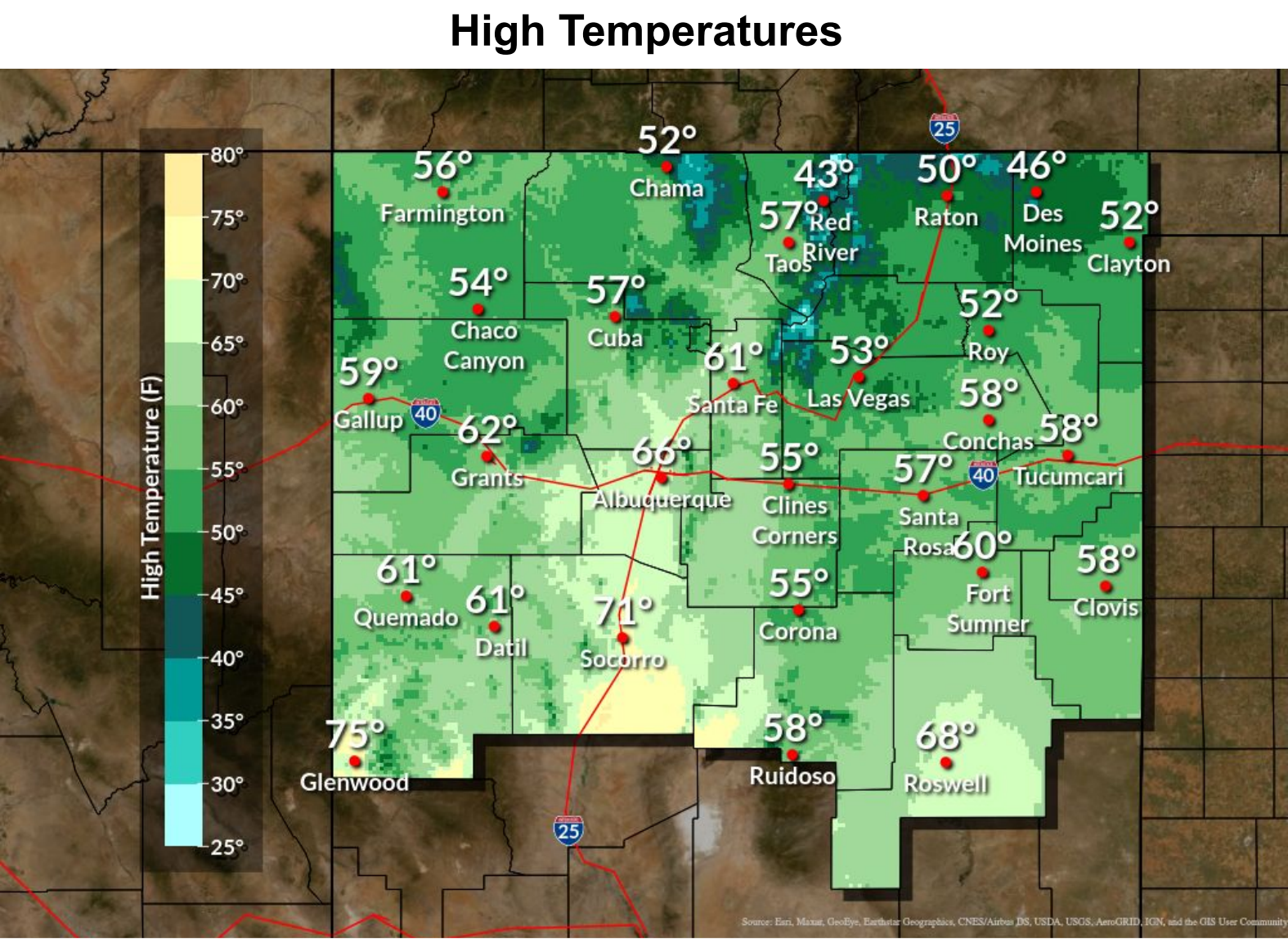
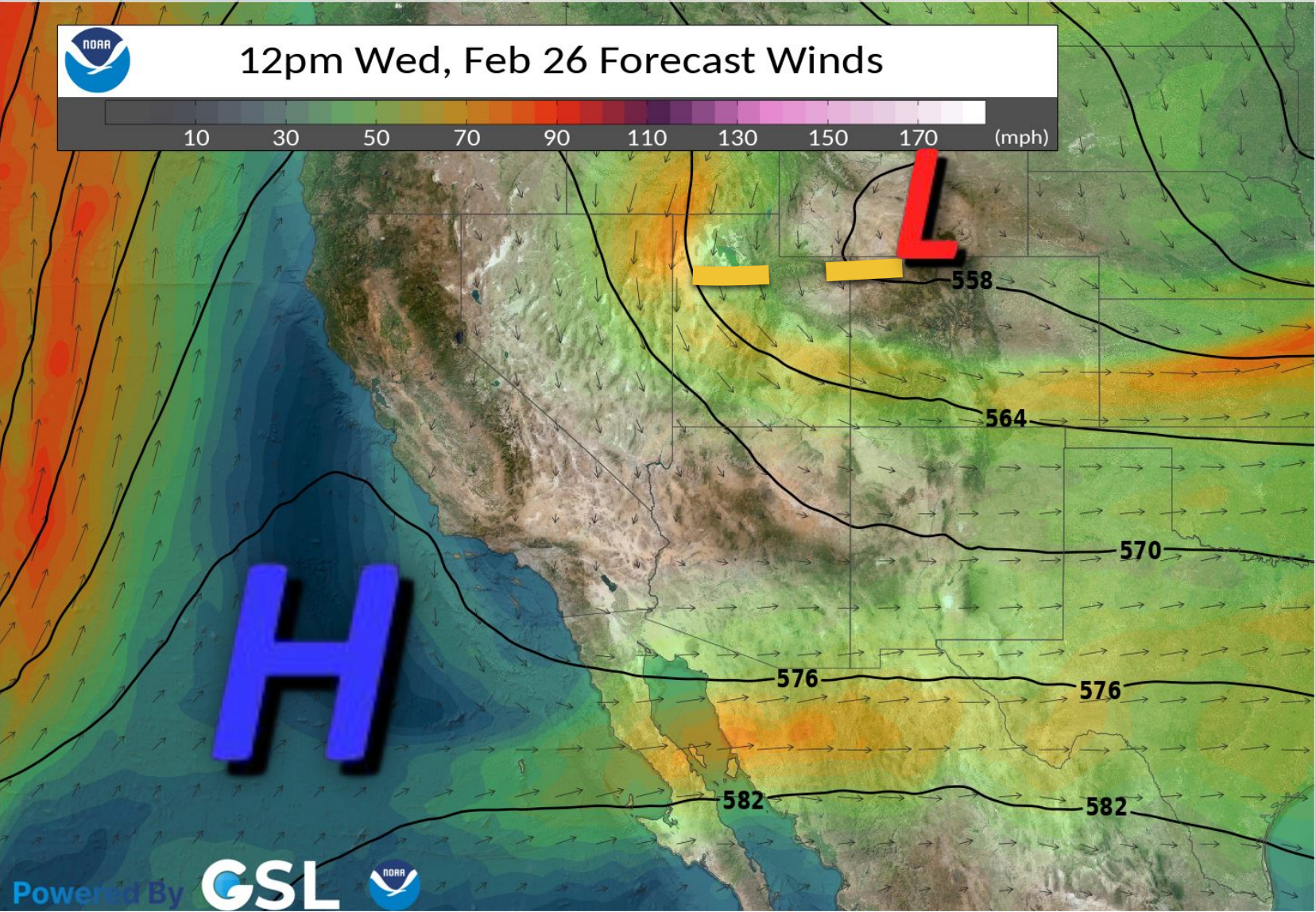




Weekly Weather Briefing

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Wednesday



Wind & Fire Weather	Near-critical fire weather conditions across much of NM west of the central mountains, where northwest winds gust 25 to 40 mph. Easterly gap winds Wed night gusting 25-35 mph in ABQ and Carrizozo.
Thunderstorms	No significant impacts
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	No significant impacts



National Oceanic and Atmospheric Administration
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National Weather Service
Albuquerque, NM

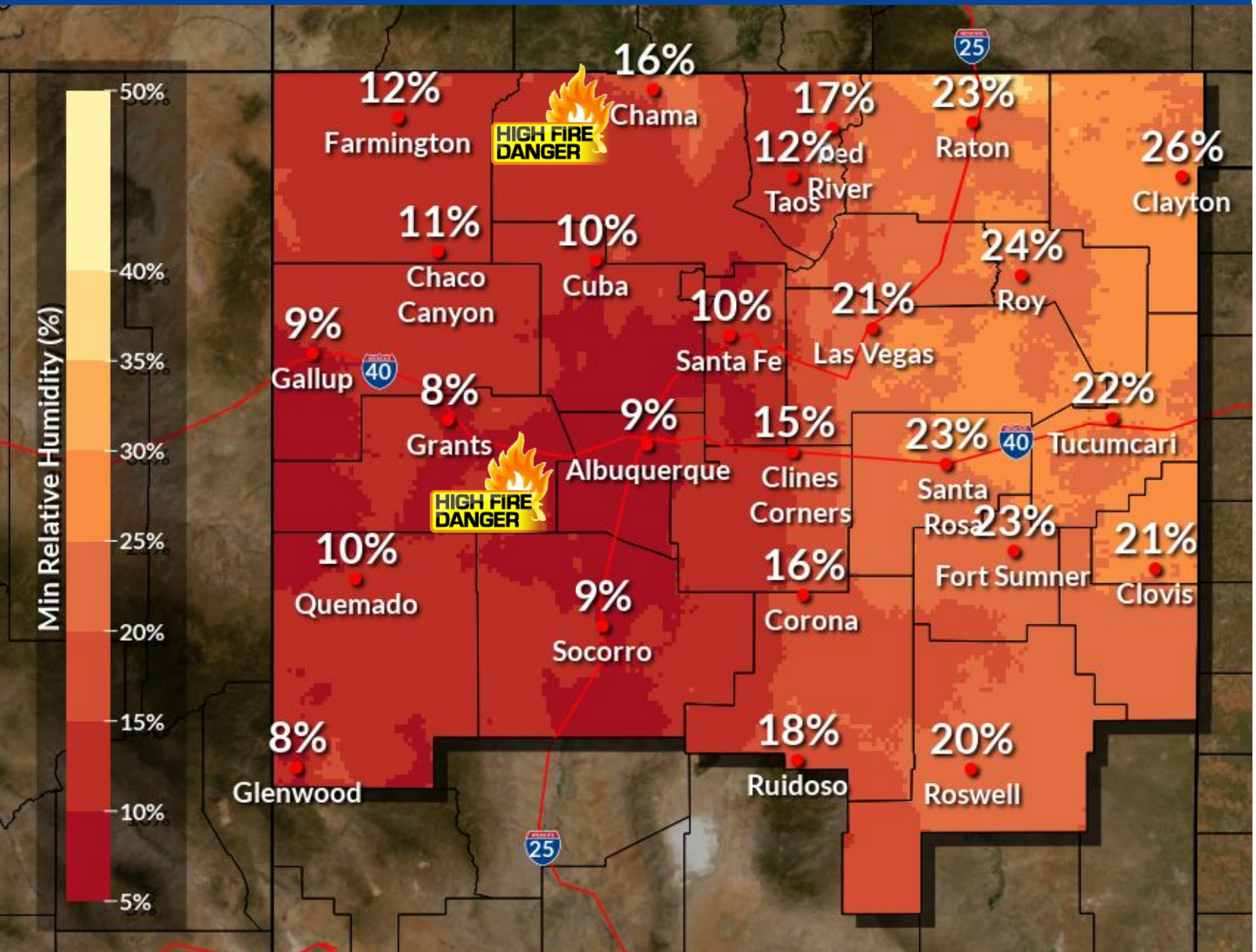


Increased Fire Danger Wednesday

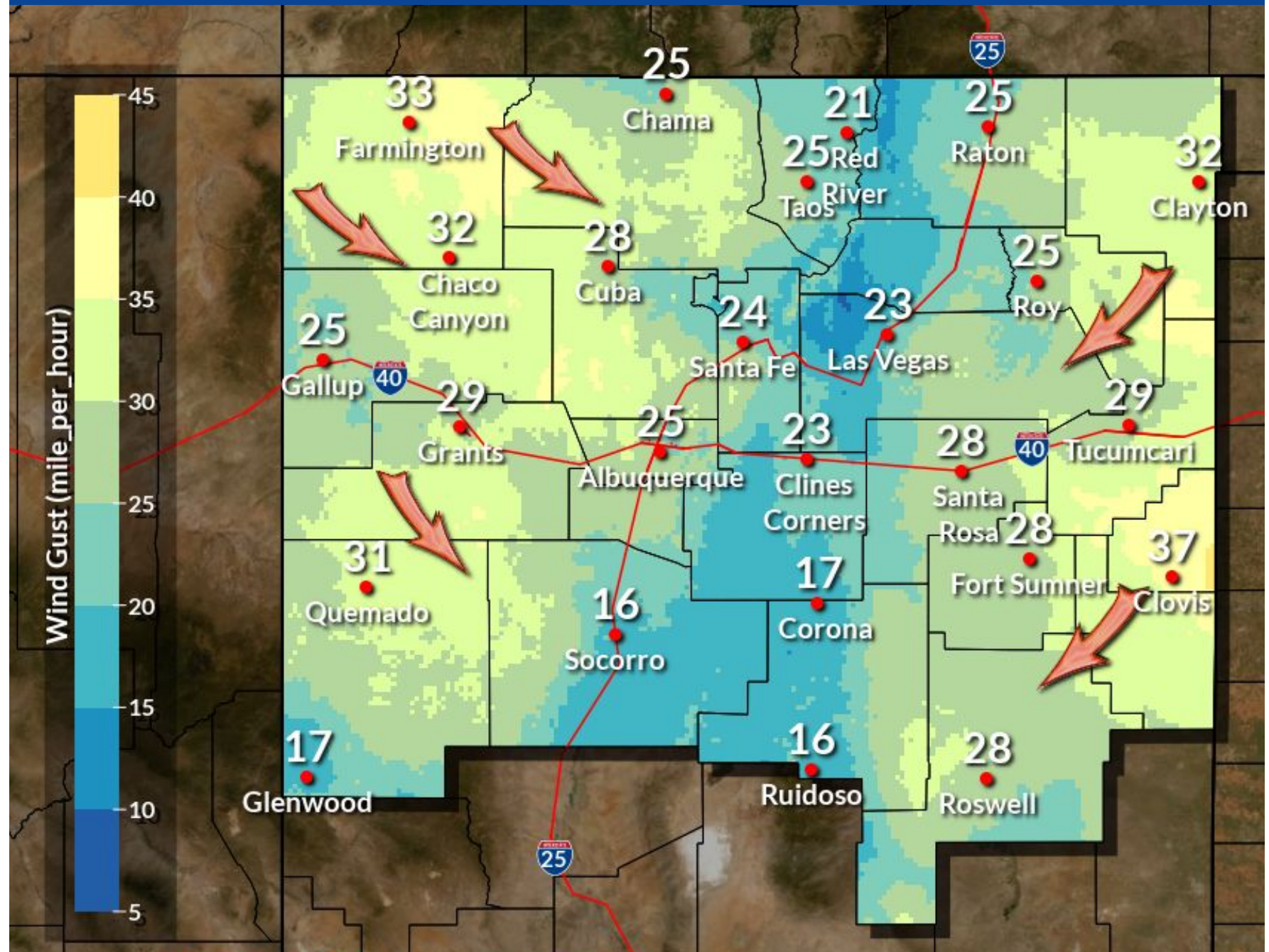
February 24, 2025
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Dry and breezy conditions associated with a cold front passage

Wednesday: Minimum Humidity (%)



Wednesday: Peak Wind Gust (mph)



There is moderate confidence in critical fire weather conditions in western NM on Wednesday afternoon. Confidence is highest in the Four Corners Region. This will lead to increased potential for rapid fire spread.

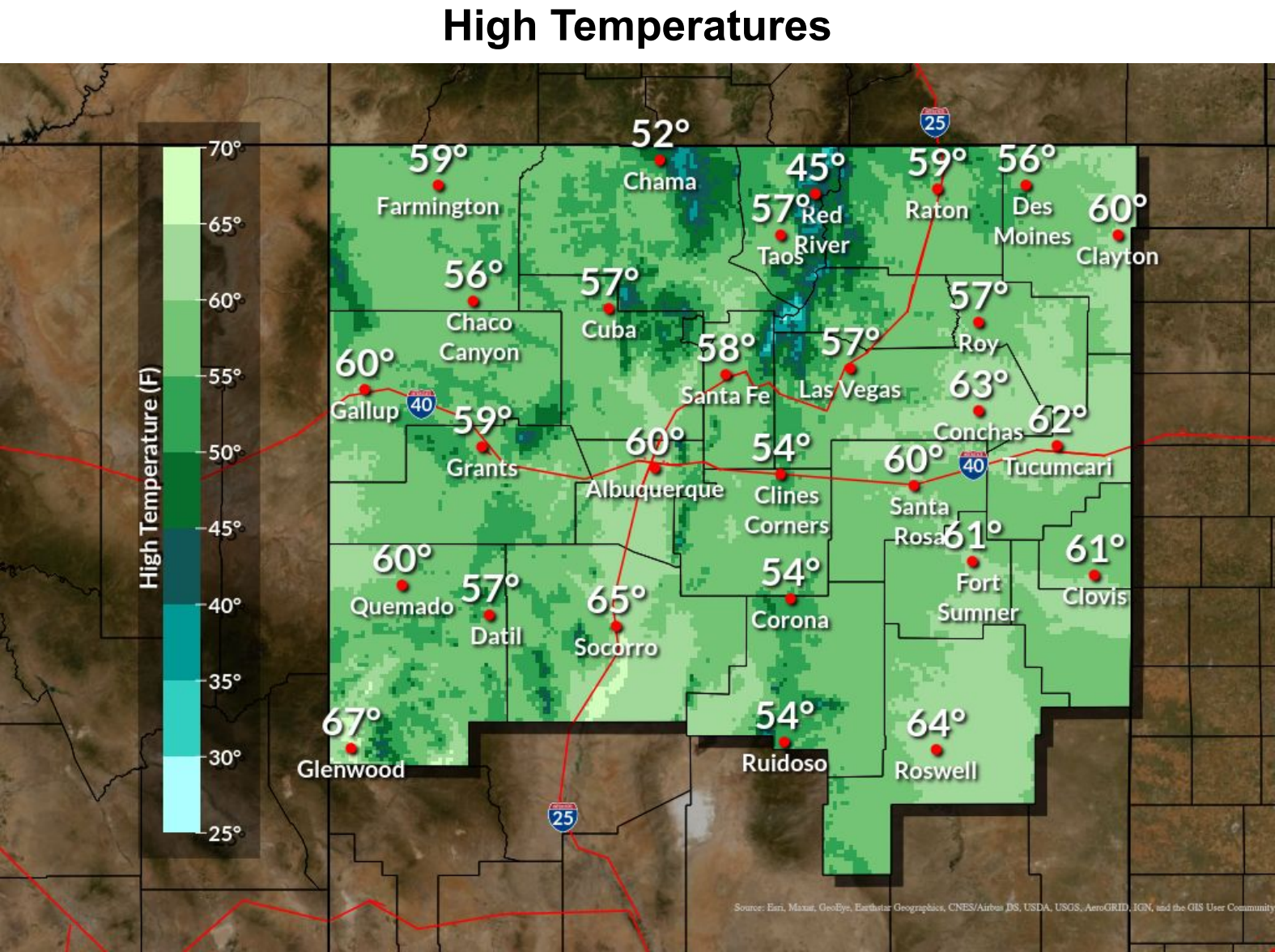
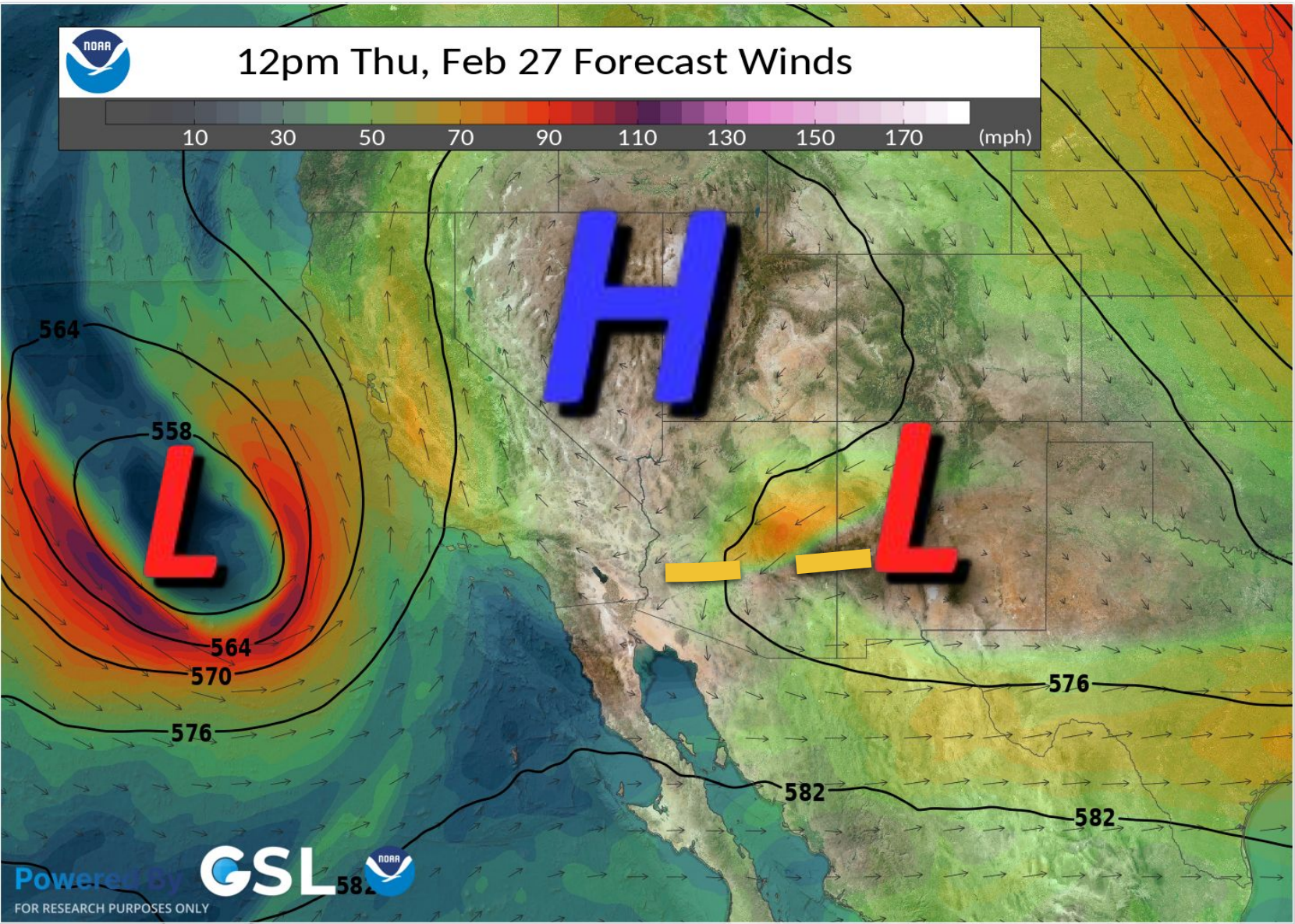




Weekly Weather Briefing

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Thursday



Wind & Fire Weather	No significant impacts
Thunderstorms	No significant impacts
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	No significant impacts



National Oceanic and
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U.S. Department of Commerce

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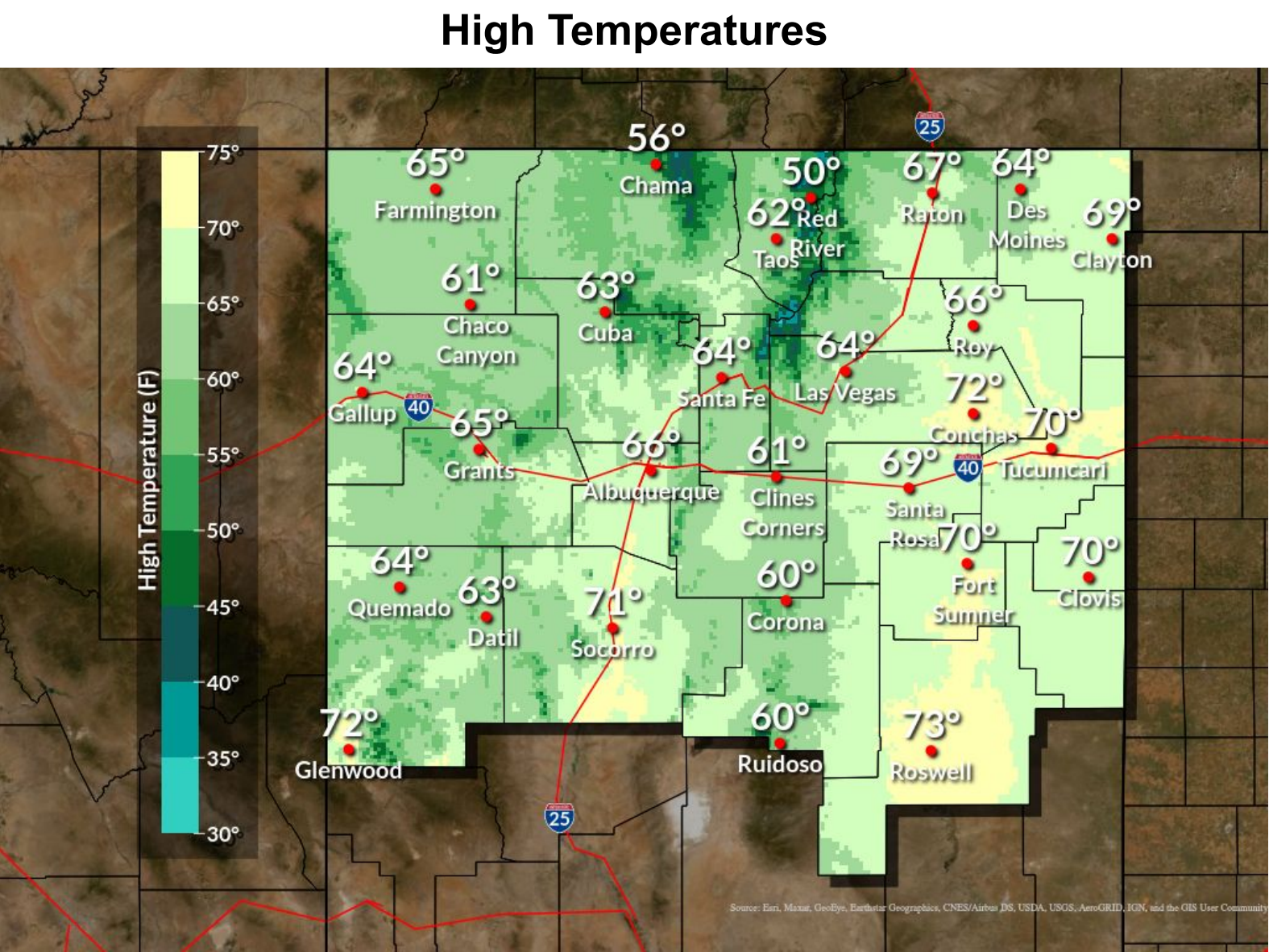
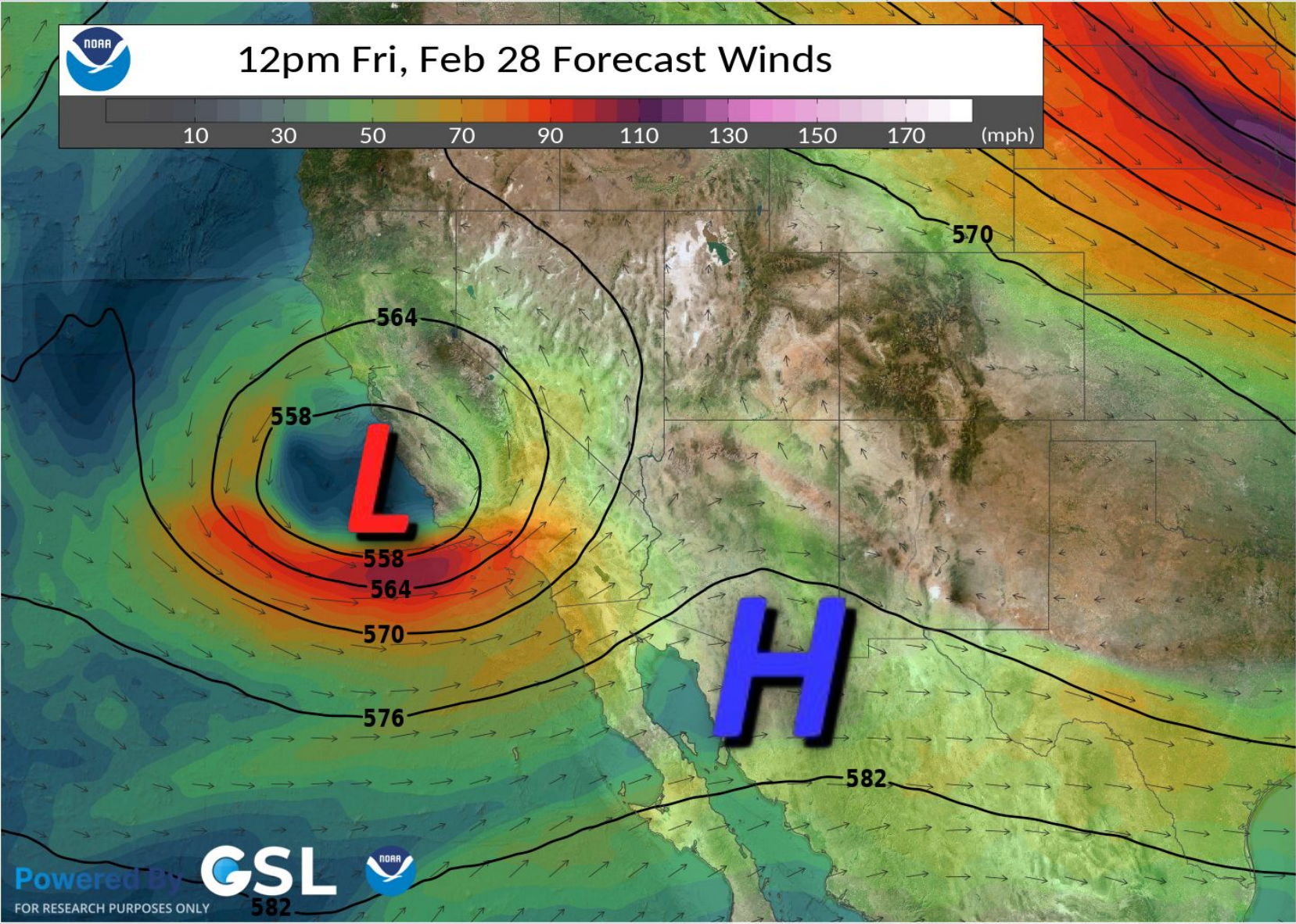
National Weather Service
Albuquerque, NM



Weekly Weather Briefing

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Friday



Wind & Fire Weather	Widespread elevated Fire Weather conditions across eastern NM.
Thunderstorms	No significant impacts
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	No significant impacts



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U.S. Department of Commerce

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National Weather Service
Albuquerque, NM

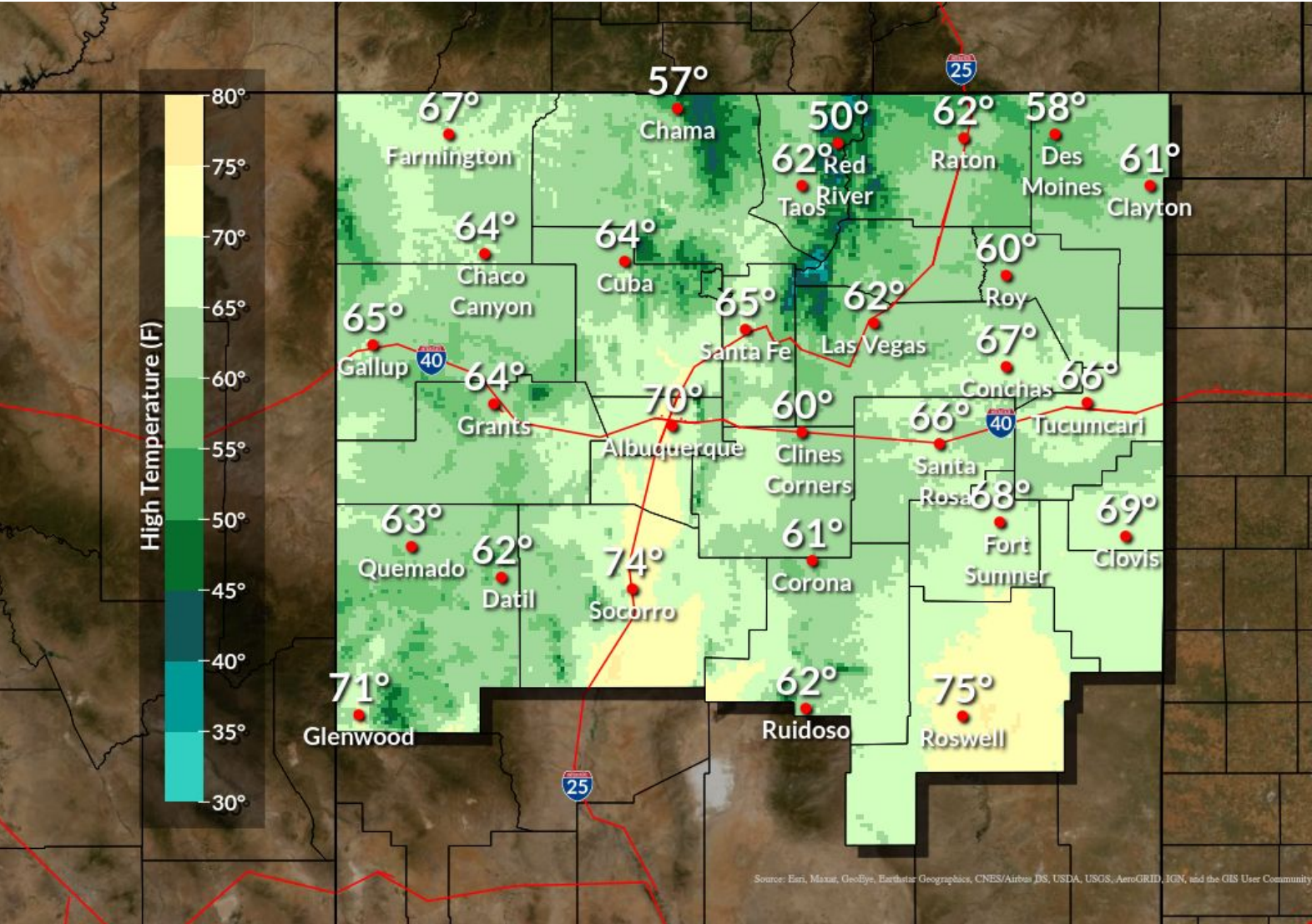


Weekly Weather Briefing

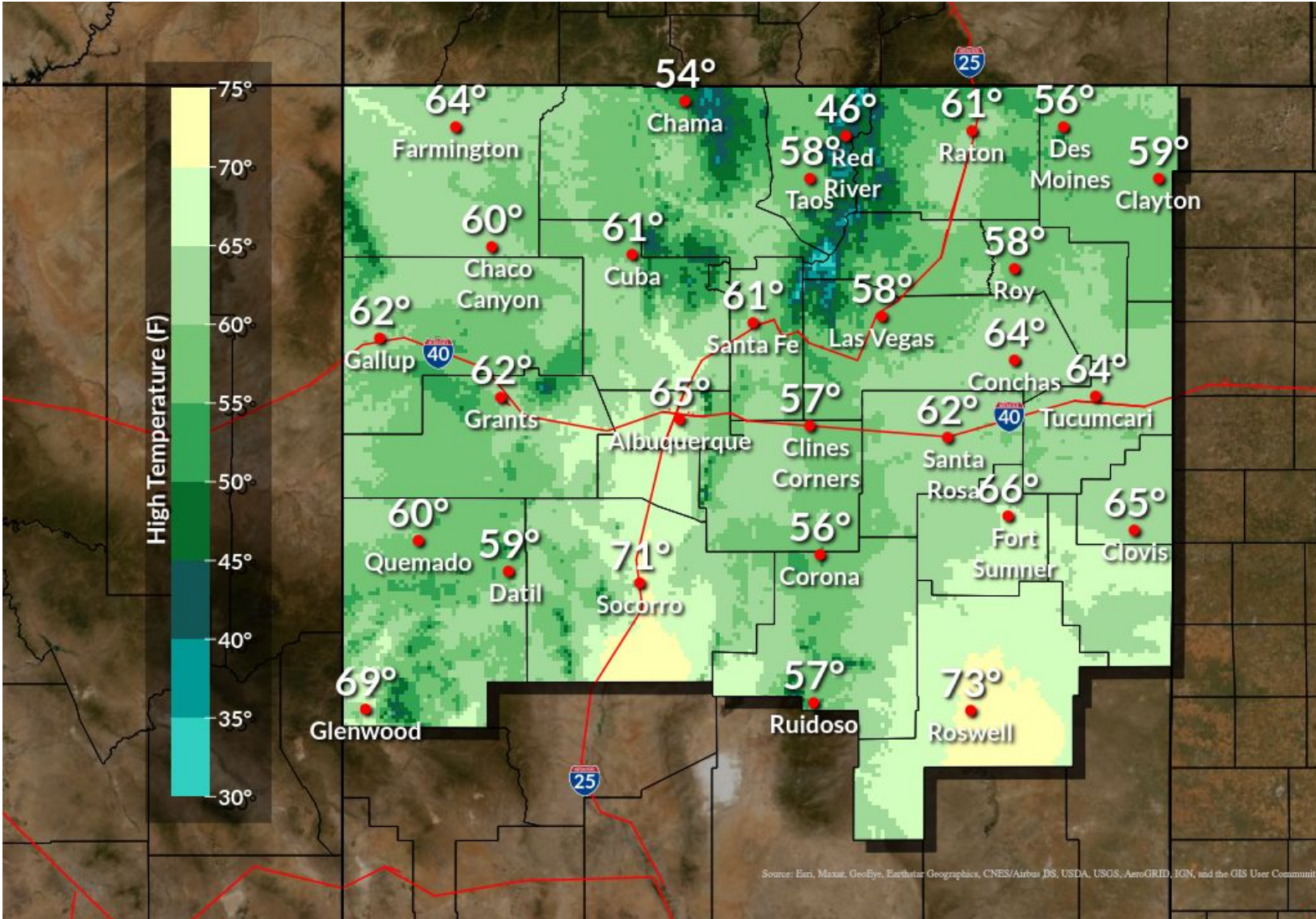
February 24, 2025
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Weekend

Saturday High Temperatures



Sunday High Temperatures



Wind & Fire Weather	A few dry lightning strikes over northwest NM on Saturday.
Thunderstorms	5-10% chance for lightning strikes/thunder, mainly north of I-40.
Hydrology	No significant impacts
Temperatures	No significant impacts
Winter Weather	No significant impacts
Additional Information	Low (20-30%) chances for rain and high-elevation (>8,000 ft.) snowfall Saturday evening through Sunday afternoon.



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U.S. Department of Commerce

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National Weather Service
Albuquerque, NM



Very low chances for thunder on Saturday





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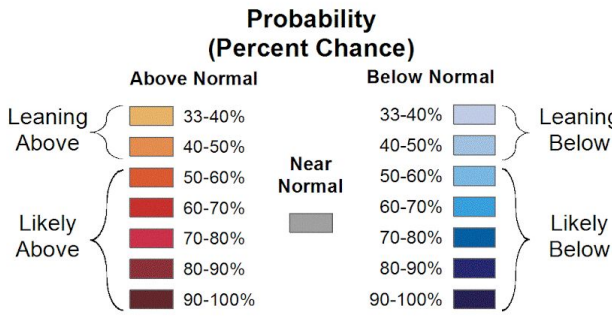
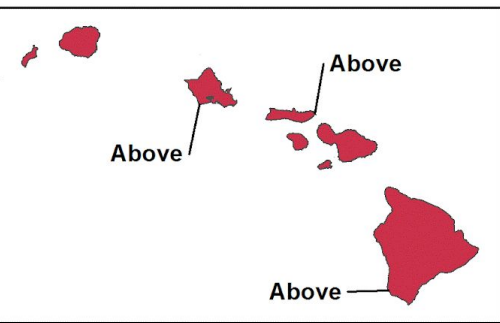
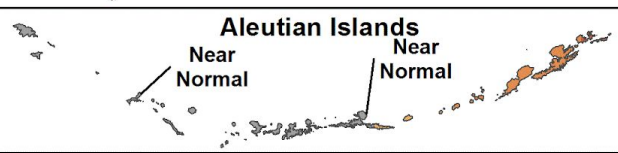
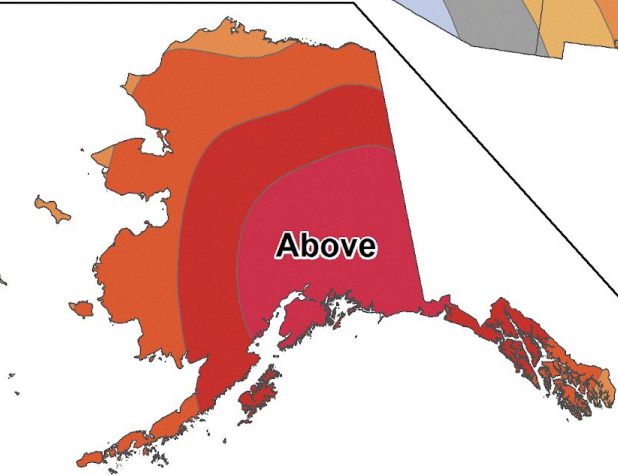
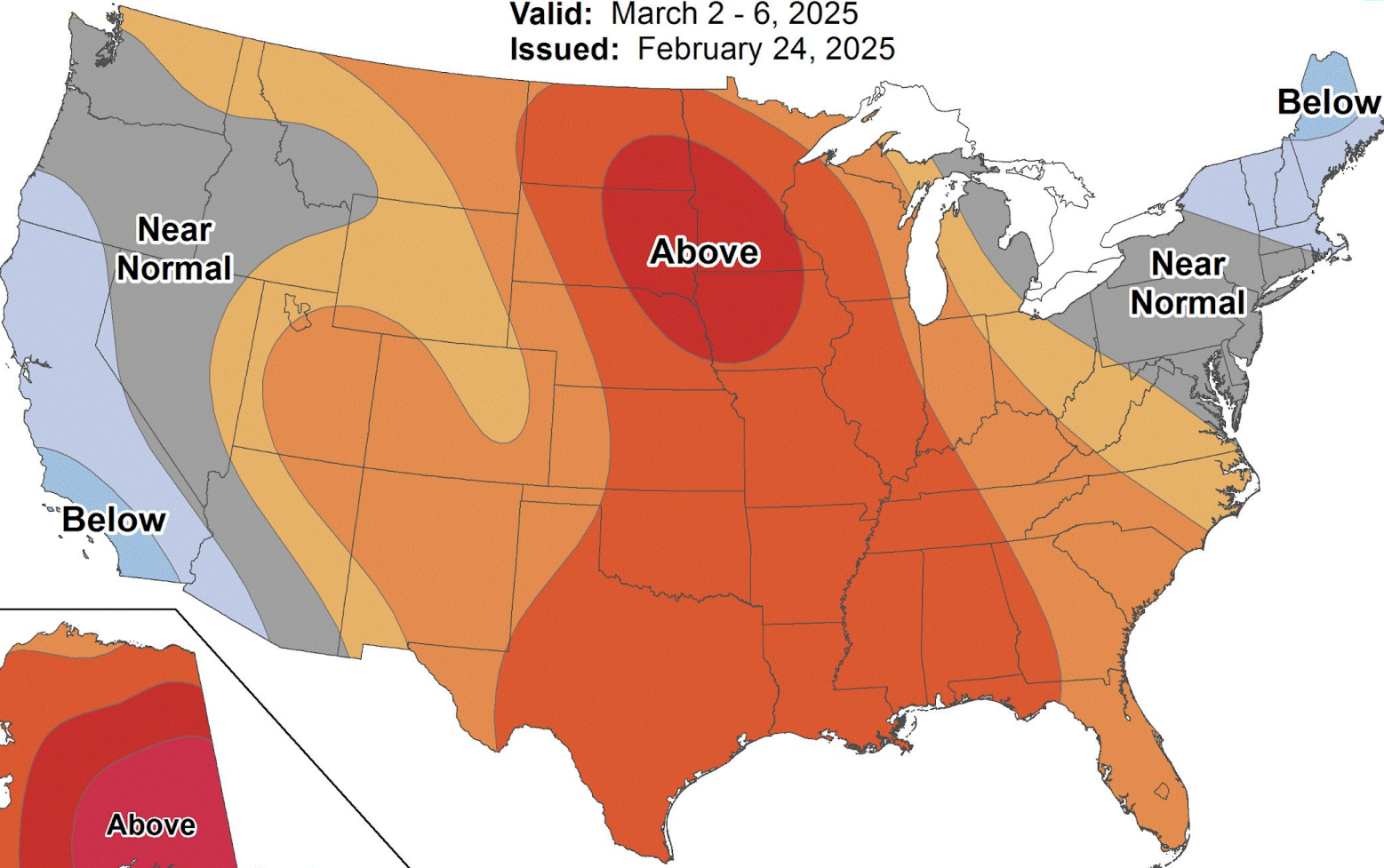
Extended Outlook



6-10 Day Temperature Outlook



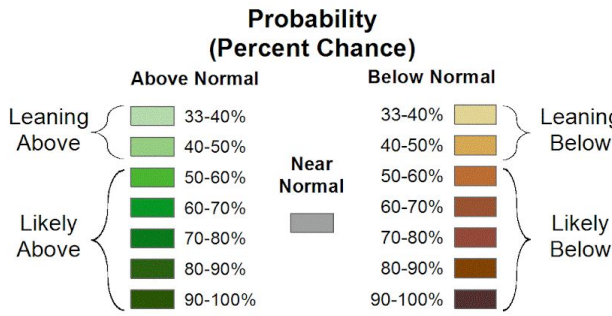
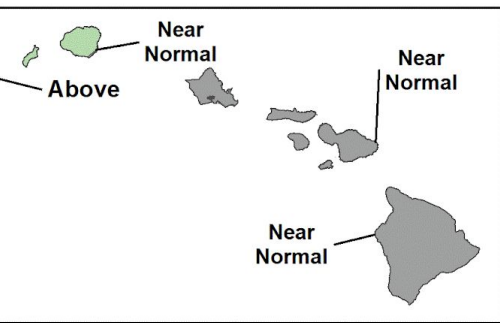
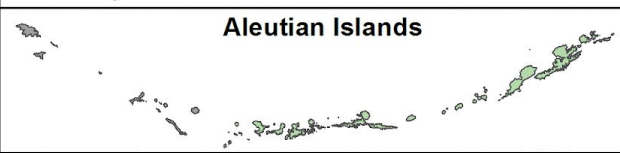
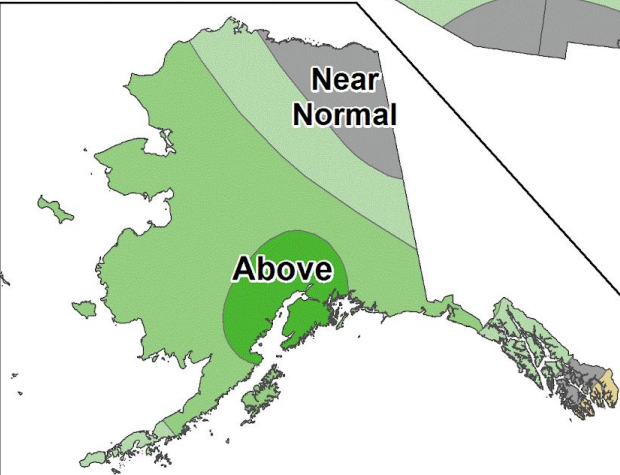
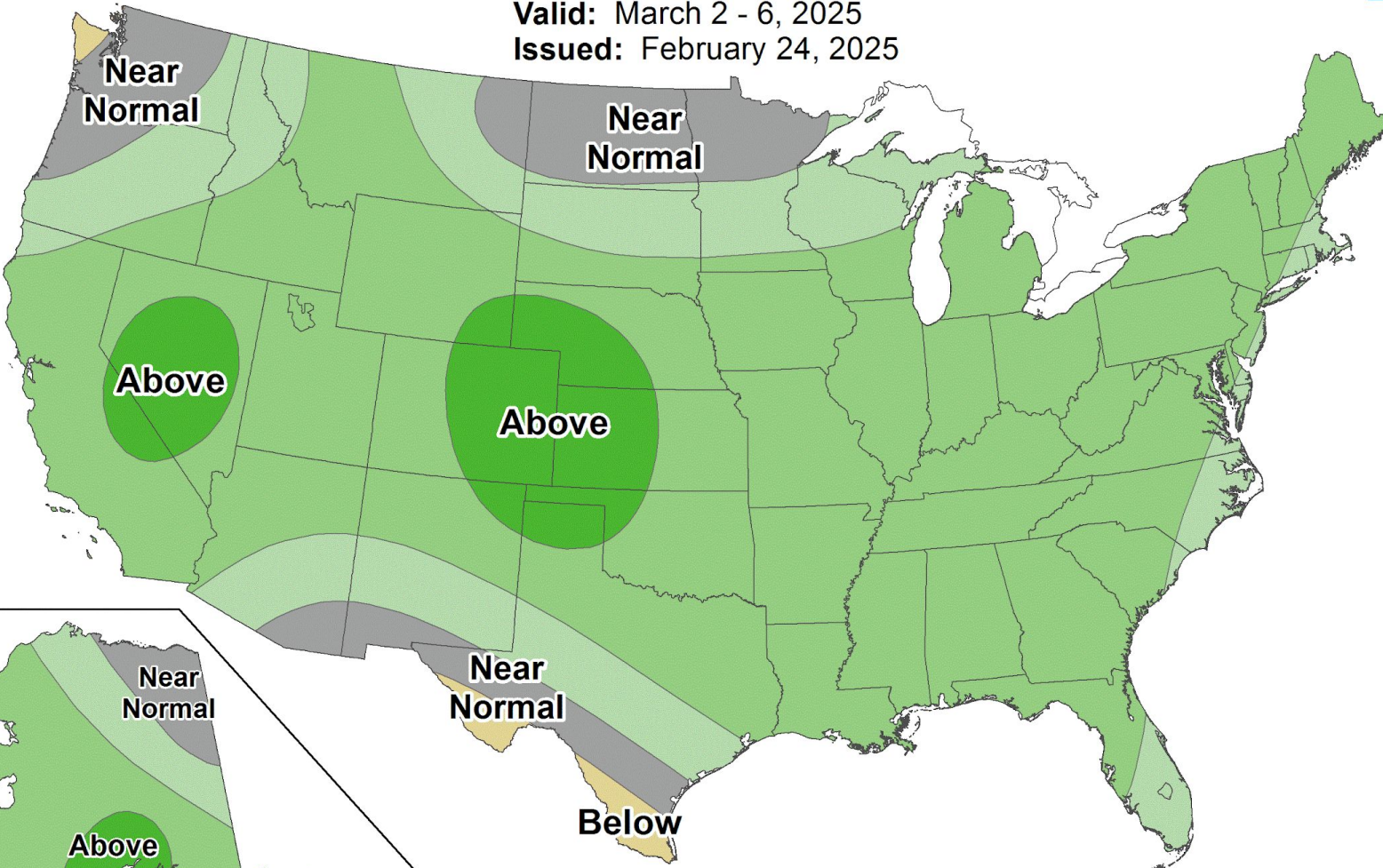
Valid: March 2 - 6, 2025
Issued: February 24, 2025



6-10 Day Precipitation Outlook



Valid: March 2 - 6, 2025
Issued: February 24, 2025











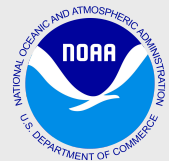
Weather Overview

February 24, 2025
2:00 PM

Updated: February 24, 2025

Monday, Feb 24	Tuesday, Feb 25	Wednesday, Feb 26	Thursday, Feb 27	Friday, Feb 28	Saturday, Mar 1
<div><p>Breezy</p><p>Well above average temperatures throughout New Mexico, with some locations breaking records.</p><p>Low chance (10-20%) of rapid fire spread east of the central mountains and highlands.</p></div>	<div><p>Breezy</p><p>Well above average temperatures throughout New Mexico, with some locations breaking records.</p></div>	<div><p>Breezy</p><p>Moderate chance (30-50%) of rapid fire spread west of the central mountain chain.</p></div>	<div><p>No impacts</p></div>	<div><p>Low chance (10-20%) of rapid fire spread in eastern NM</p></div>	<div><p>Breezy</p><p>Low chance (20-30%) of rain and high elevation snowfall.</p></div>

This product is for situational awareness and intended to be used alongside more detailed products at <http://weather.gov/abq>



Potential Impact Levels

No Impacts

Minor

Moderate

Major

Extreme



Contact and Next Briefing Information

February 24, 2025
2:00 PM

For Central and Northern New Mexico

Contact Information

www

Web: <https://weather.gov/abq>



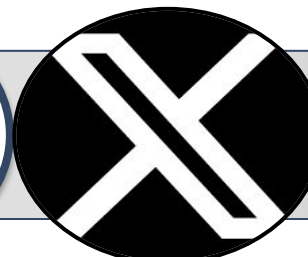
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