

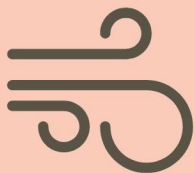


# Weekly Weather Briefing

May 6, 2024

**CRITICAL FIRE WEATHER - TODAY THROUGH WEDNESDAY WITH HIGH WINDS**

## CRITICAL FIRE WEATHER - TODAY THROUGH WEDNESDAY MUCH OF NORTHERN AND CENTRAL NEW MEXICO



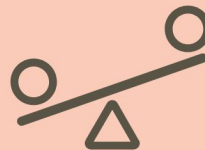
Strong & Gusty  
Winds



Very Low  
Humidity



Above Normal  
Temperatures

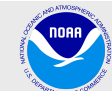


Unstable  
Conditions

Avoid Outdoor Burning • Avoid Use of Outdoor Power Equipment • Properly Discard Cigarettes

• Ensure Trailer Chains Are Properly Stowed • Avoid Parking in Tall Grass •

#OneLessSpark



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

NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

## CoCoRaHS Reports for Past Week

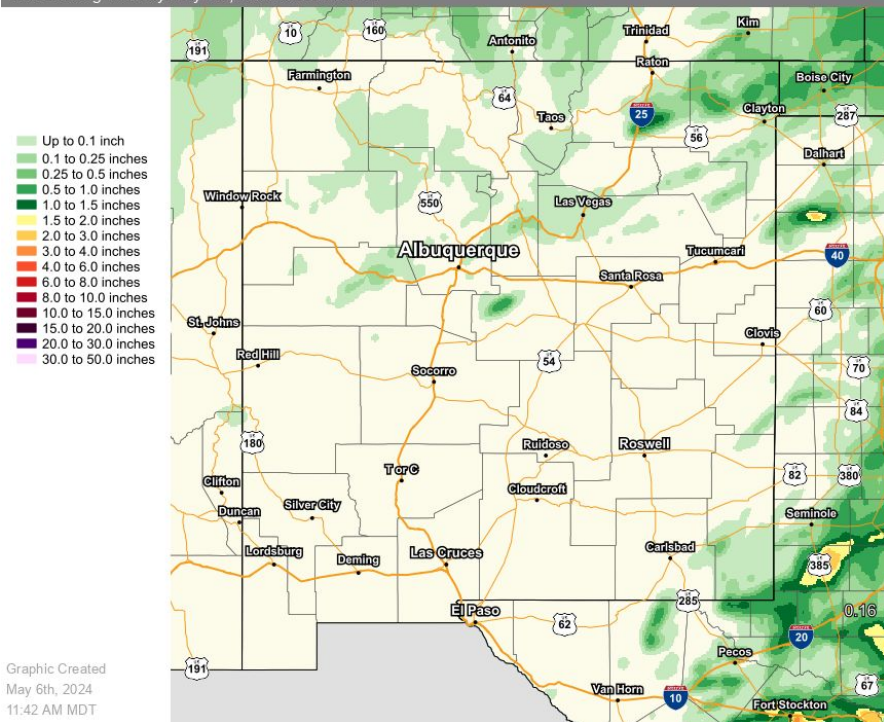
Valid: April 30 - May 6, 2024

Station	Precipitation (in)
Grenville 7.2 ENE	0.38
Clayton 2.3 ENE	0.30
Rowe 2.7 NNW	0.23
Santa Fe 2.9 ENE	0.23
Folsom 10.5 ENE	0.21
Santa Fe 2.3 N	0.20
Lamy 1.3 WNW	0.19
Santa Fe 2.3 SE	0.19
Las Vegas 8.7 SW	0.17
Las Vegas 9.5 WSW	0.13
Santa Fe 0.7 ESE	0.13
Clayton 13.7 N	0.13
NWS Albuquerque (NM-BR-292)	T



## Observed Precipitation

Valid Ending Monday May 6th, 2024 at 11 AM MDT



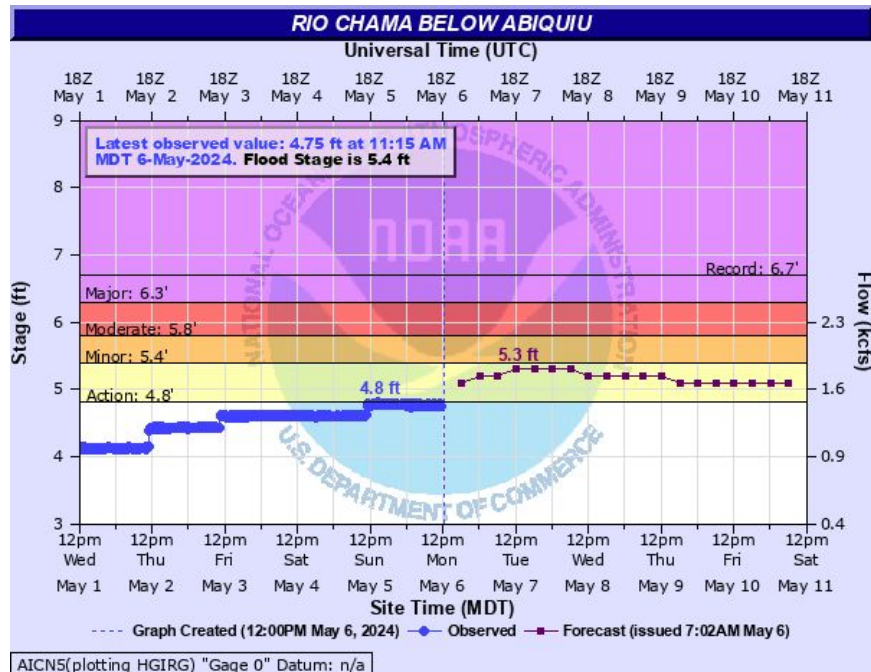
National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

NOAA/National Weather Service  
Albuquerque, NM

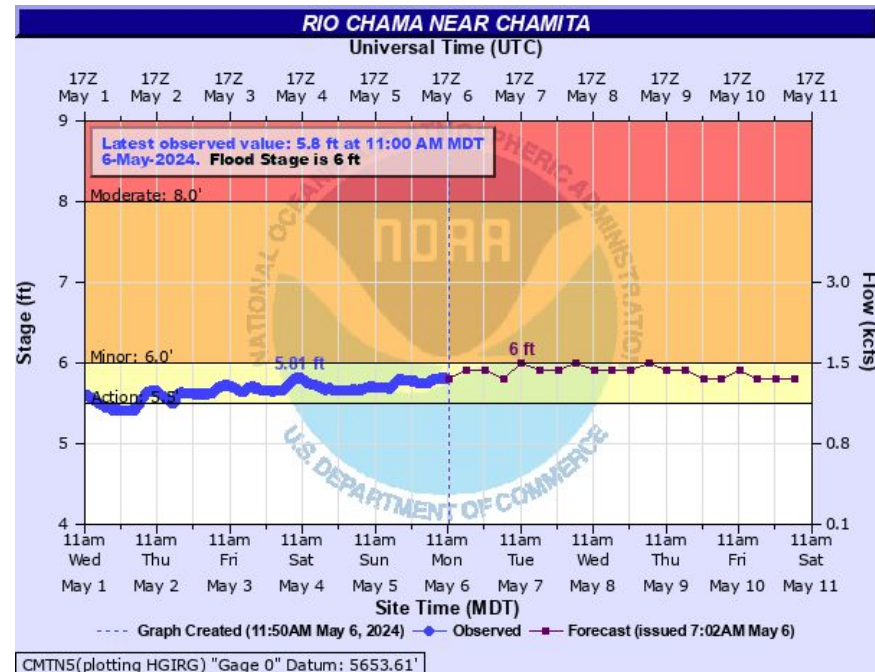


# Weekly Weather Briefing

## Current Flooding Issues - Flood Advisories on the Rio Chama



**Flood Advisory - Rio Chama below Abiquiu**



**Flood Advisory - Rio Chama at Chamita**



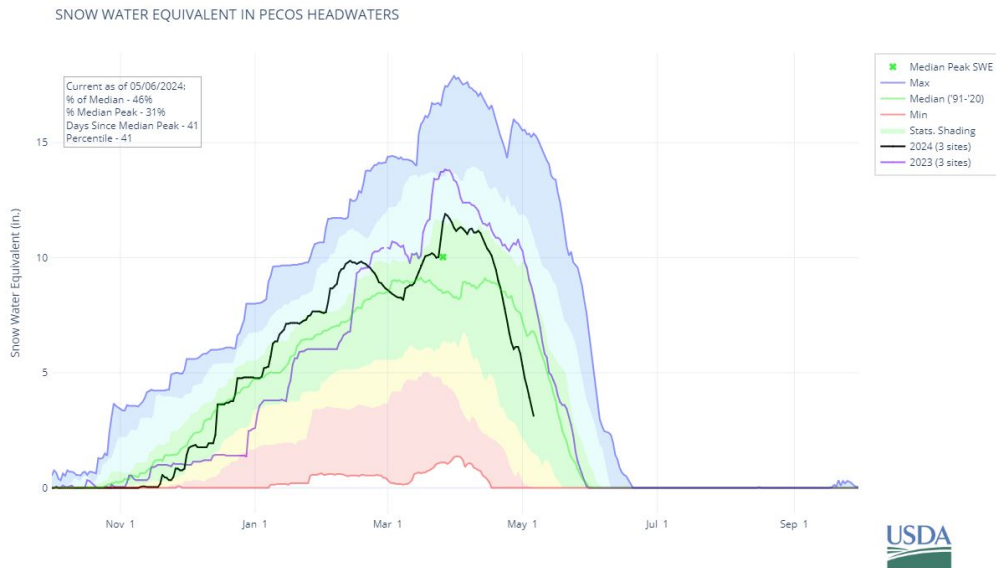
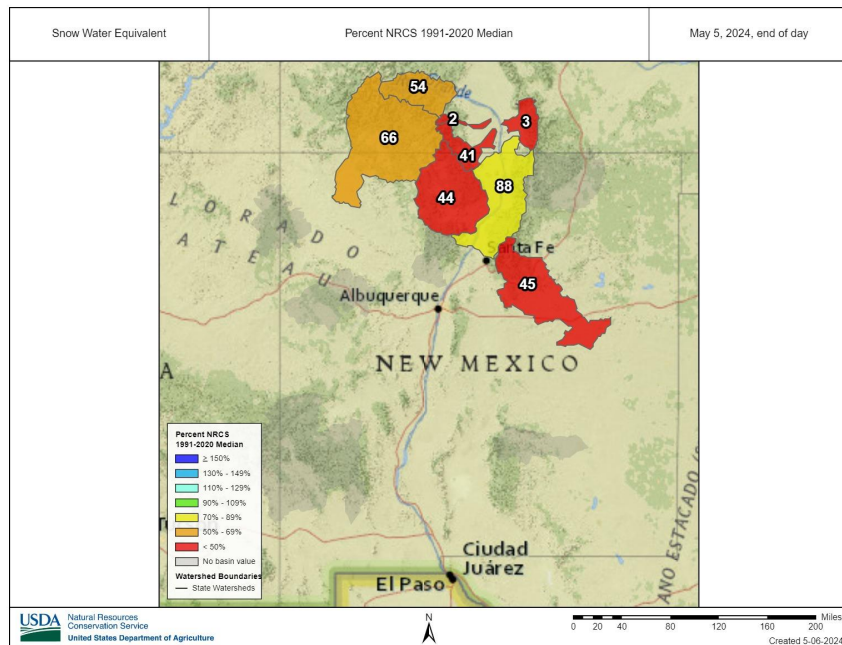
National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

## Flooding Outlook - Are we nearly done?



All basins are BELOW Normal for SWE - indicates a faster than usual melt-out



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

NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

Even if the snow is mostly melted the Rivers are Dangerous



San Antonio Creek:  
Hidden Valley Bridge @  
Hidden Valley Rd & NM  
Hwy 126

## Cold Water Safety Awareness Week – Day 2

National Weather Service – Boston/Norton

### Today's Topic: Cold Water Shock

#### Water Below 50°F

- **IMMEDIATE** incapacitation
- Deep, involuntary gasping for air and loss of breathing control leads to swallowing of water which can lead to drowning.
- Sudden increase in heart rate and blood pressure can cause heart attack
- Mental confusion, fear, and panic



**Cold Water  
Can Kill!**



[weather.gov/safety/coldwater](https://weather.gov/safety/coldwater)



Rivers are running faster and higher than usual with dangerously cold water and unstable banks.



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

**NOAA/National Weather Service**  
Albuquerque, NM

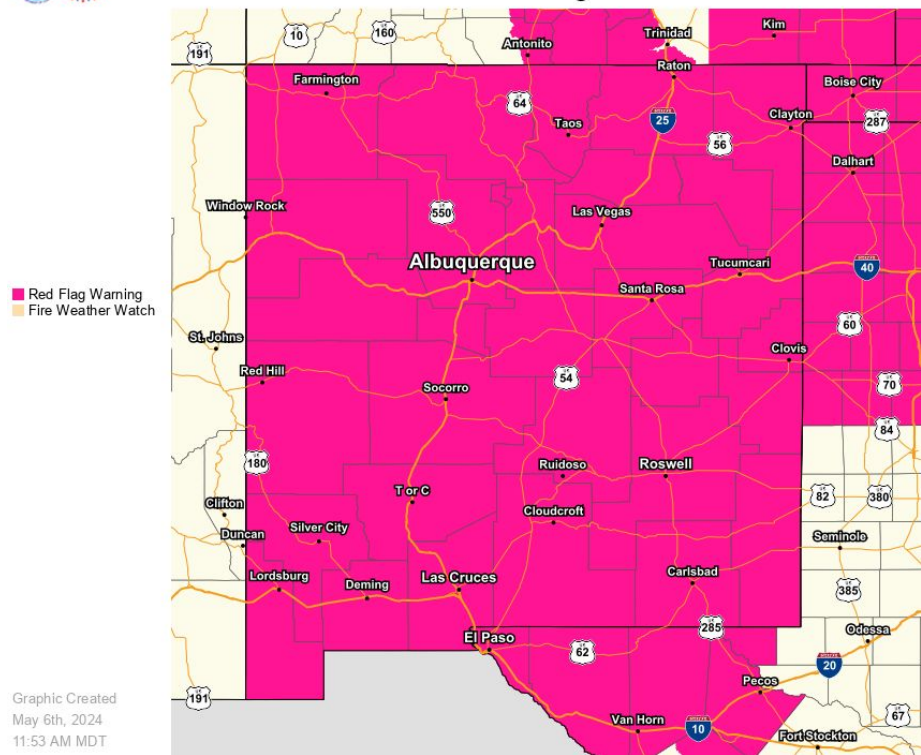


# Weekly Weather Briefing

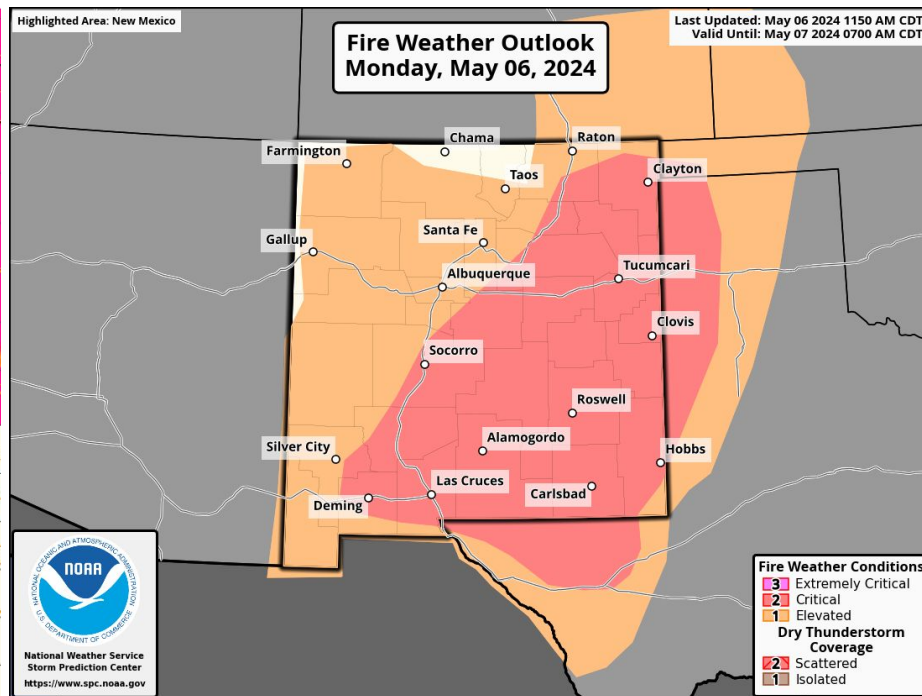
## Today's Fire Weather Warnings & Outlook



### Fire Weather Watches and Warnings



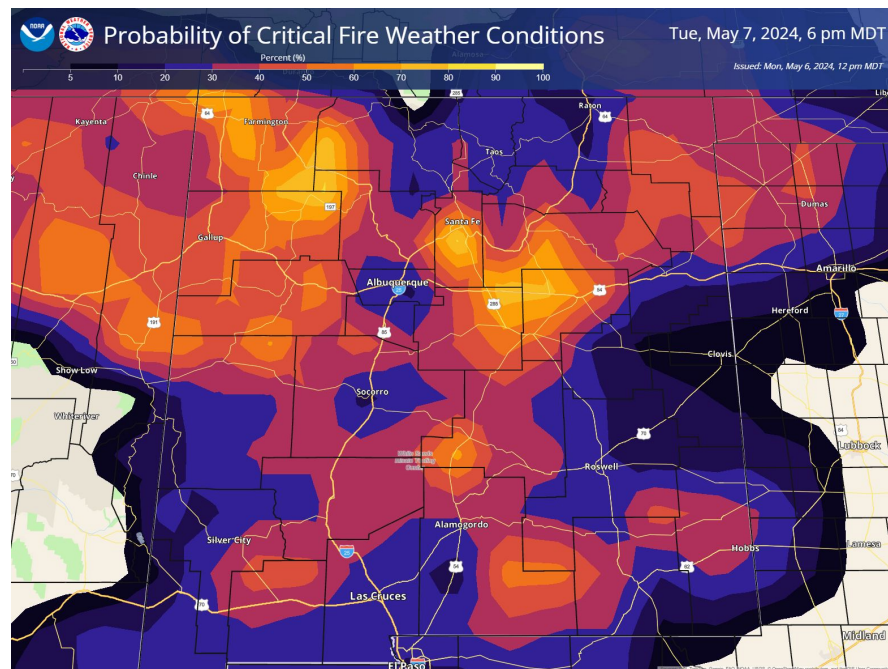
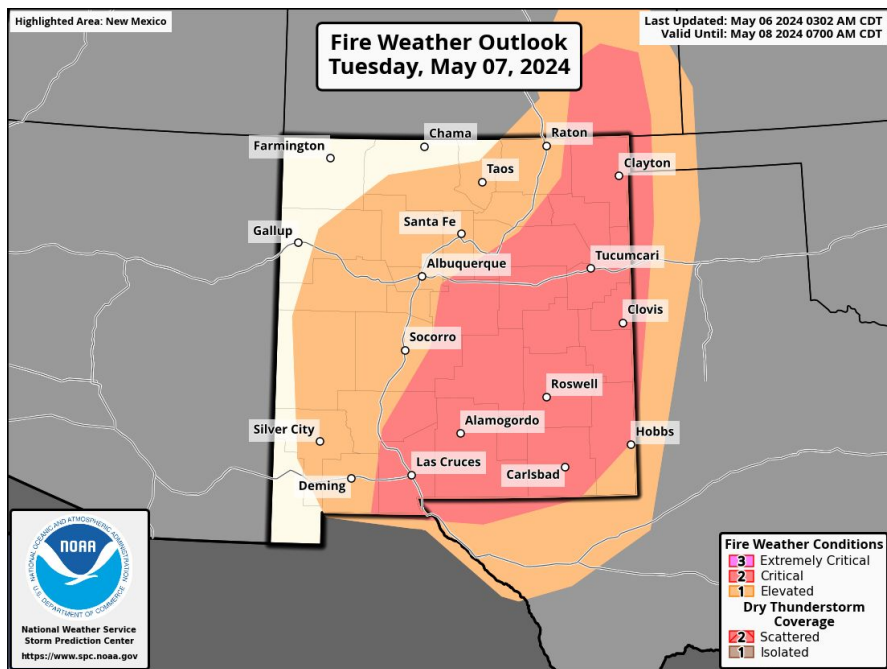
Graphic Created  
May 6th, 2024  
11:53 AM MDT





# Weekly Weather Briefing

## Tuesday's Fire Weather Outlook & Probabilities



Joint probability of  $RH < 20\%$  and winds  $> 25$  mph



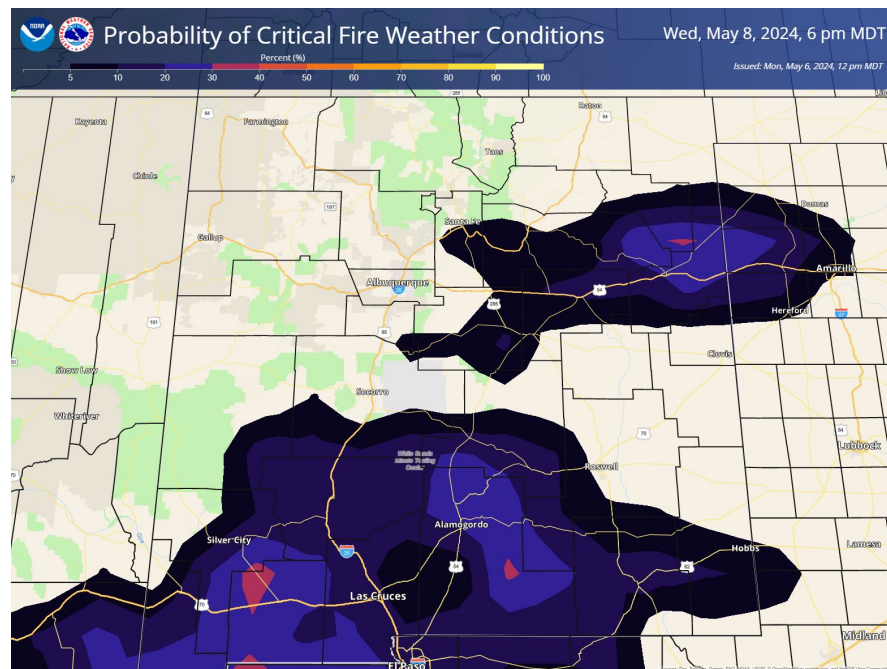
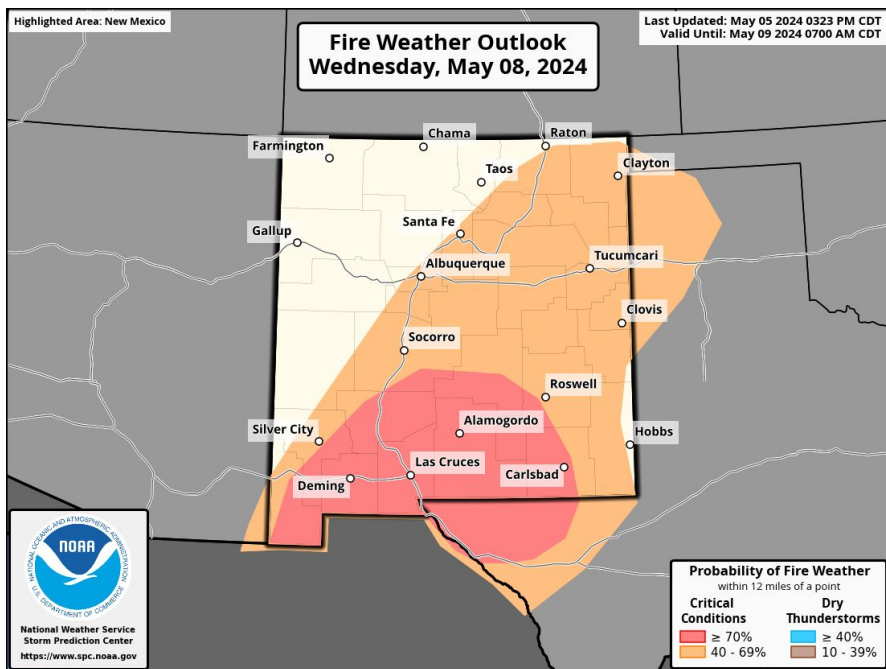
National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

## Wednesday's Fire Weather Outlook & Probabilities



Joint probability of RH < 20% and winds > 25 mph



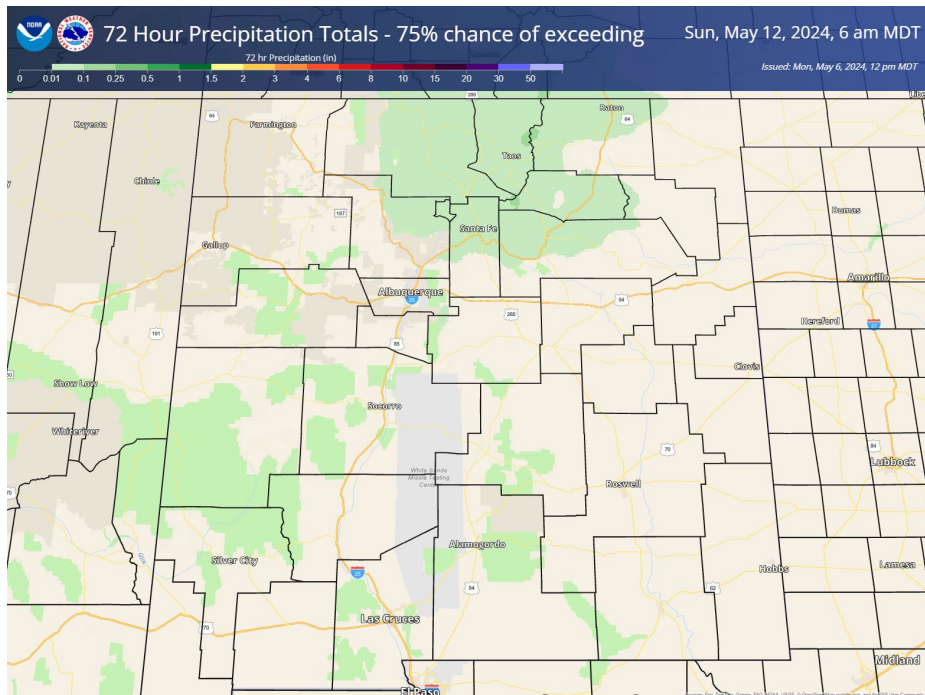
**National Oceanic and  
Atmospheric Administration**  
U.S. Department of Commerce

**NOAA/National Weather Service  
Albuquerque, NM**

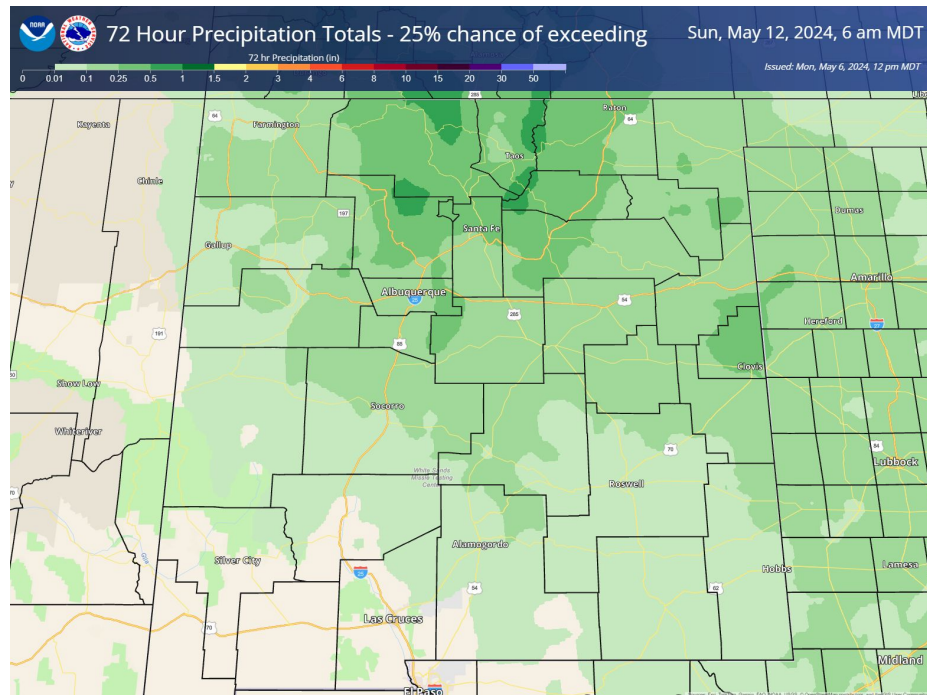


# Weekly Weather Briefing

## 72 Hour Precipitation Forecast 6AM Thursday to 6AM Sunday



Represents low end range of rainfall amounts



Represents high end range of rainfall amounts

Large spread in rainfall amounts = low confidence



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

NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

## Temperature and Precipitation Outlook

Location	Maximum Temperature							Probability of Precipitation						
	Mon 05/06	Tue 05/07	Wed 05/08	Thu 05/09	Fri 05/10	Sat 05/11	Sun 05/12	Mon 05/06	Tue 05/07	Wed 05/08	Thu 05/09	Fri 05/10	Sat 05/11	Sun 05/12
Albuquerque	70	79	72	74	72	74	76	0	0	0	20	20	30	10
Santa Fe	64	74	68	70	68	70	72	0	0	0	30	30	40	20
Farmington	61	71	61	69	72	73	75	0	0	0	10	20	10	0
Gallup	62	71	63	69	71	71	73	0	0	0	0	20	10	0
Grants	64	72	65	70	68	70	71	0	0	0	10	20	20	10
Clayton	72	79	70	64	65	67	71	0	0	0	20	20	30	30
Raton	64	72	67	62	61	64	69	0	0	0	40	30	40	30
Las Vegas	62	72	65	62	59	63	67	0	0	0	30	30	50	30
Moriarty	66	76	69	69	66	69	71	0	0	0	20	20	30	20
Tucumcari	77	85	79	73	70	71	76	0	0	0	20	20	30	30
Clovis	79	85	81	73	71	73	76	0	0	0	10	10	30	30
Roswell	87	92	89	83	75	80	82	0	0	0	0	10	20	20
Socorro	80	87	82	80	79	79	80	0	0	0	0	10	20	10
Chama	51	60	53	59	58	61	63	0	0	0	30	50	40	30
Taos	58	68	60	62	61	64	67	0	0	0	40	30	40	30
Angel Fire	50	59	53	52	52	56	59	0	0	0	50	50	50	40
Los Alamos	58	68	61	63	62	64	67	0	0	0	30	40	40	30
Ruidoso	67	71	70	67	64	67	68	0	0	0	0	10	30	20
Quemado	62	71	67	69	71	70	71	0	0	0	0	10	10	10

- **High Temps:** Wide range in temperatures being near normal to 15 degrees below normal especially towards the end of the week.
- **Precipitation:** Thunderstorm chances increasing late in the week.





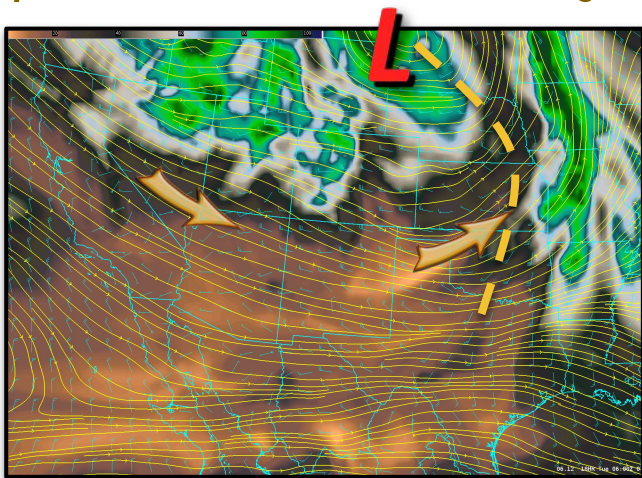
# Weekly Weather Briefing

## Tonight

### Potential Impacts

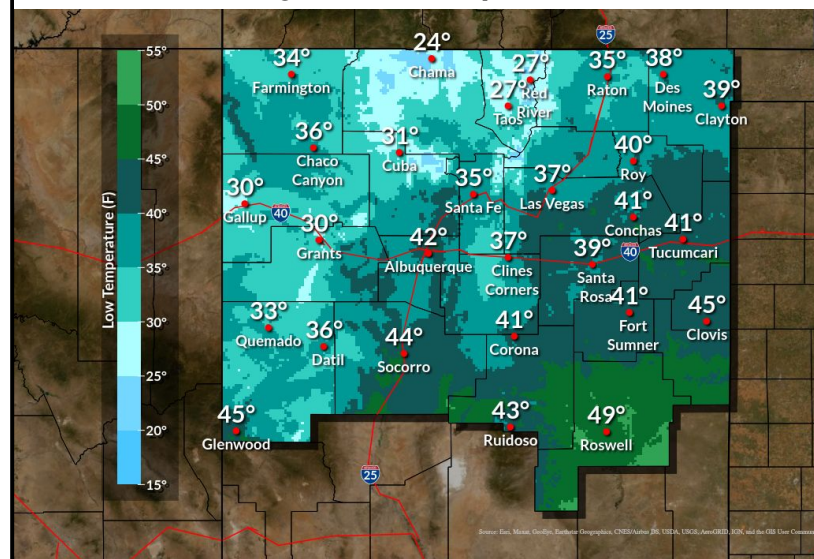
**LATE SPRING FREEZE | POTENTIAL FOR RAPID FIRE GROWTH ENDING**

Upper Level Forecast Chart Valid Midnight MT



Dry —————> Moist

### Tonight's Low Temperatures



- Upper level storm system moves east allowing for west to northwest flow aloft tonight into Tuesday
- Late spring freeze in some higher elevations tonight as skies clear and winds become calm.





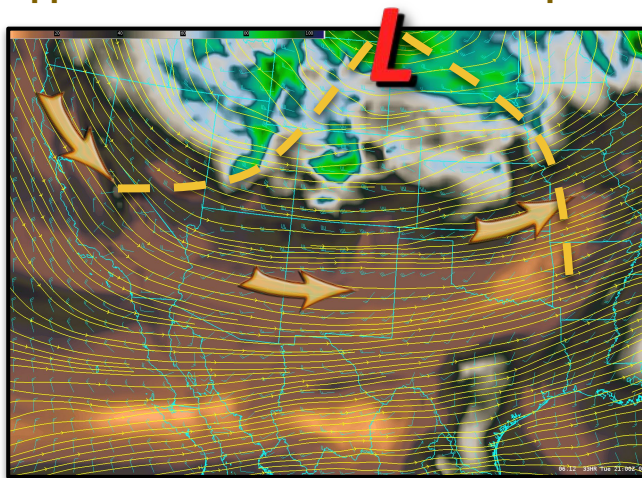
# Weekly Weather Briefing

Tuesday

## Potential Impacts

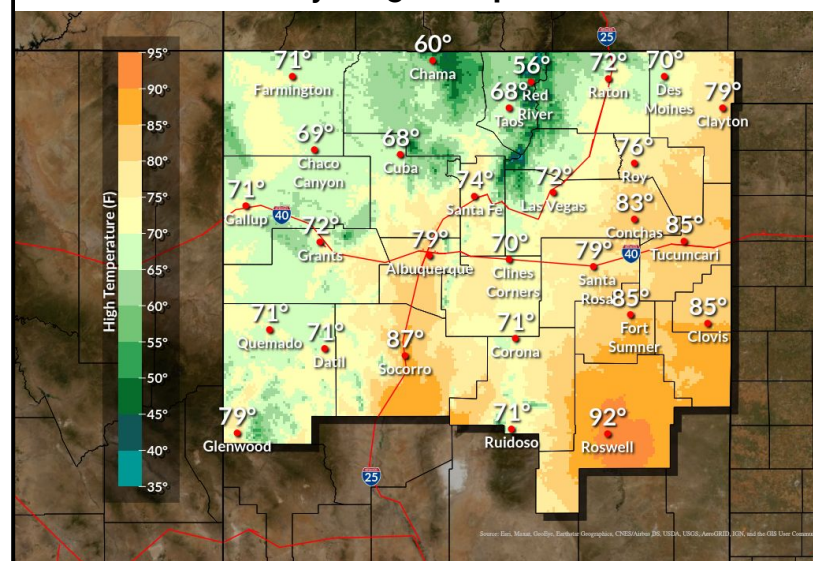
**WIDESPREAD POTENTIAL FOR RAPID FIRE GROWTH | BLOWING DUST REDUCING VISIBILITY**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> Moist

## Tuesday's High Temperatures



- Westerly winds aloft will support windy conditions at the surface
- Critical fire weather conditions supporting rapid fire growth
- Gusty winds will support blowing dust and crosswinds on roads





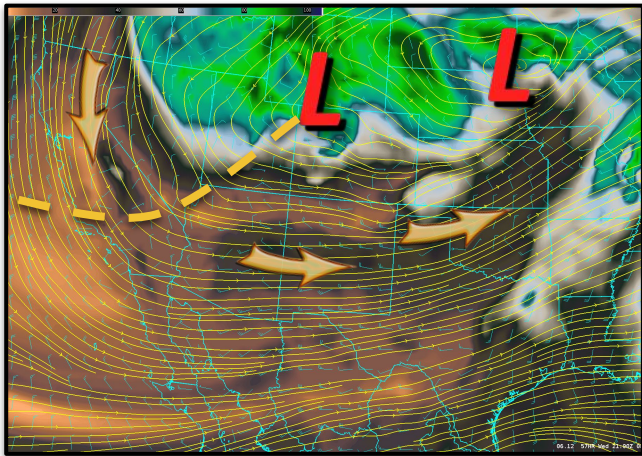
# Weekly Weather Briefing

Wednesday

Potential Impacts

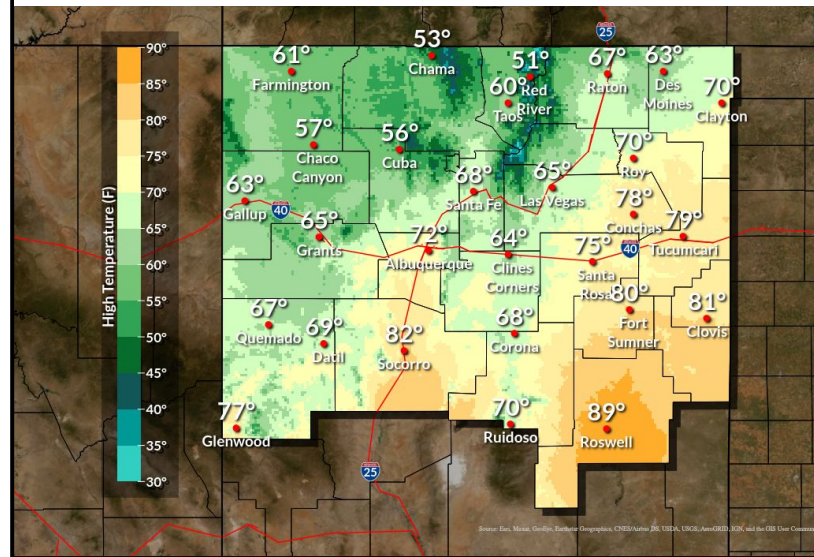
**LOCALIZED POTENTIAL FOR RAPID FIRE GROWTH  
| BLOWING DUST REDUCING VISIBILITY**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> Moist

## Wednesday's High Temperatures



- Westerly winds aloft will support windy conditions at the surface
- Localized critical fire weather conditions supporting rapid fire growth over more of southern NM
- Gusty winds will support blowing dust and crosswinds on roads



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

NOAA/National Weather Service  
Albuquerque, NM



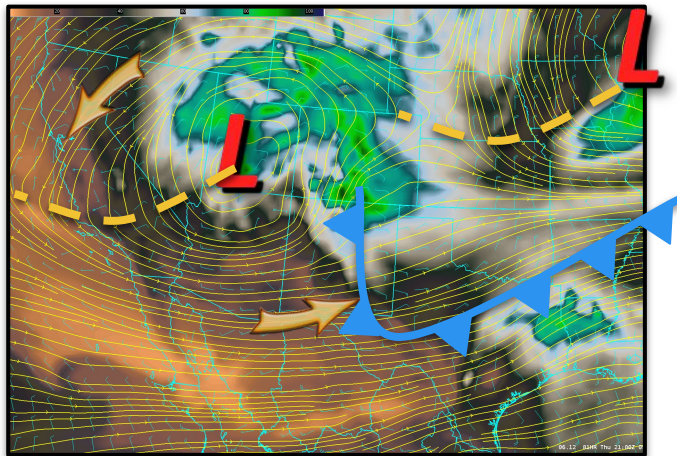
# Weekly Weather Briefing

Thursday

## Potential Impacts

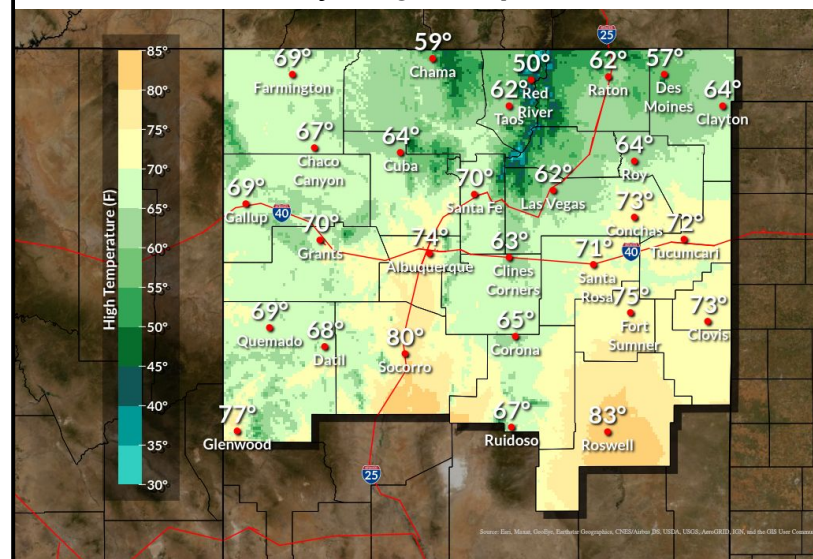
**N NM - LIGHTNING, GUSTY WINDS, SMALL HAIL IN STORMS | C MTNS - GAP WINDS  
CAUSING BLOWING DUST**

Upper Level Forecast Chart Valid 3pm MT



**Dry** —————> **Moist**

## Thursday's High Temperatures



- Upper level storm system forming over the Great Basin
- Thunderstorm chances in N NM causing lightning, small hail, winds late in the day
- Backdoor cold front - gap winds in C MTNs



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

**NOAA/National Weather Service  
Albuquerque, NM**



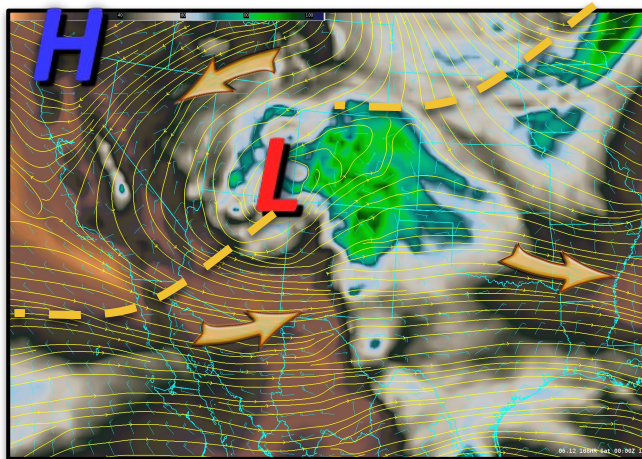
# Weekly Weather Briefing

Friday

## Potential Impacts

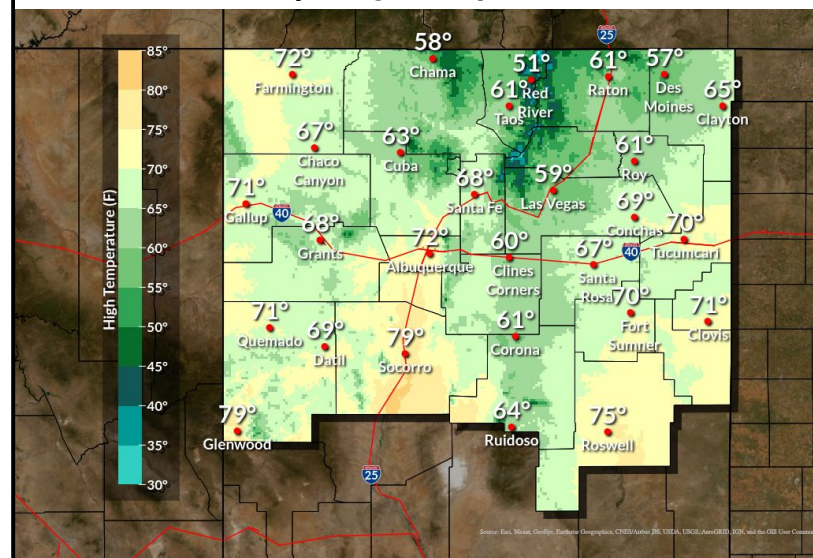
**N NM - LIGHTNING, GUSTY WINDS, SMALL HAIL IN STORMS**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> Moist

## Friday's High Temperatures



- Upper level storm system moves over Four Corners Region
- Thunderstorm chances in N NM causing lightning, small hail, winds



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

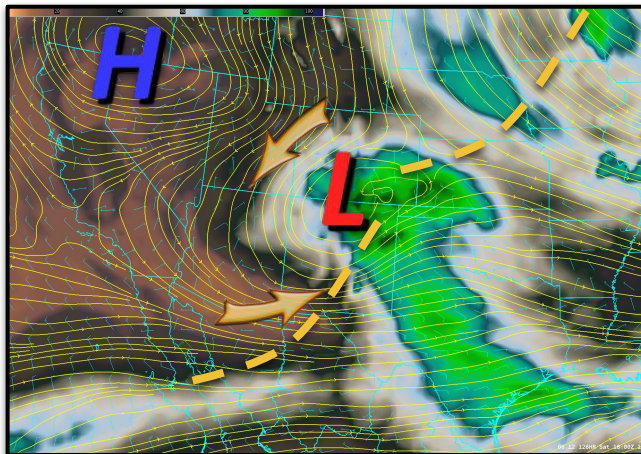
NOAA/National Weather Service  
Albuquerque, NM



# Weekly Weather Briefing

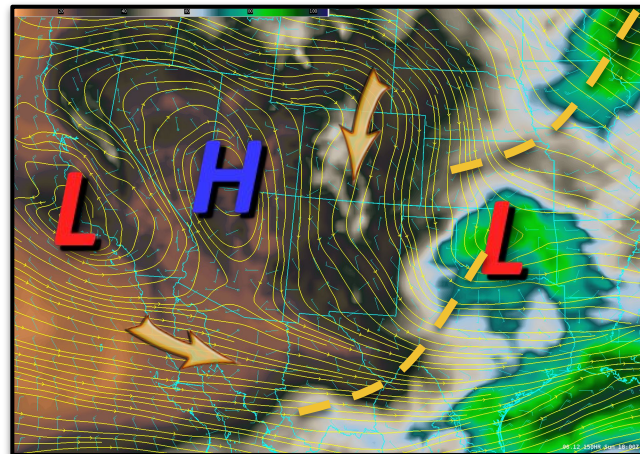
## Upcoming Weekend

Saturday



Dry —————> Moist

Sunday



Dry —————> Moist

### Upper Level Forecast Chart Valid 6pm MT

An upper level storm system moves across northern NM on Saturday keeping thunderstorm chances in place over N and NE NM. Thunderstorms capable of gusty winds, small hail, and lightning. Sunday the storm system moves east with upper level high pressure forming over the Great Basin. This should support drier conditions to start next week.





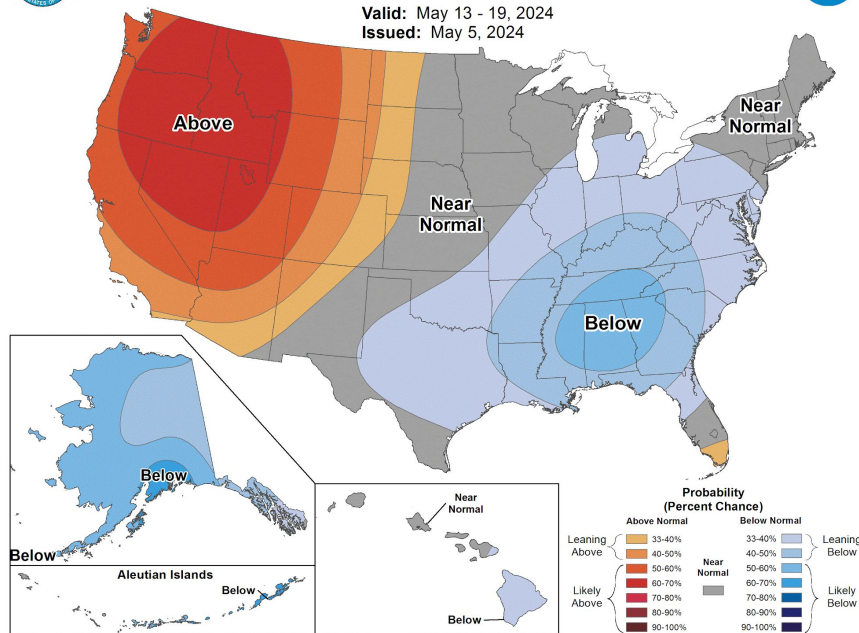
# Weekly Weather Briefing

## 8-14 Day Temp/Precip Outlooks (Climate Prediction Center)



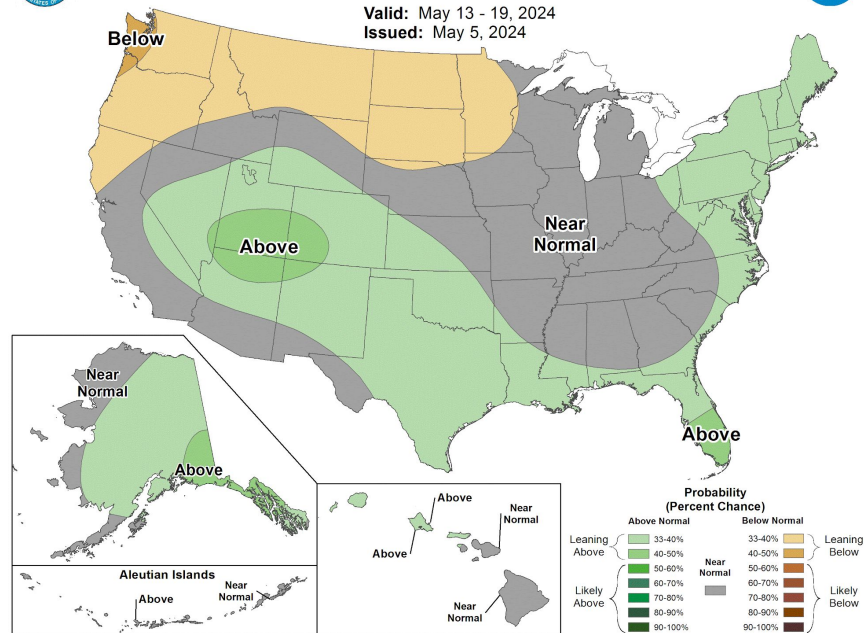
### 8-14 Day Temperature Outlook

Valid: May 13 - 19, 2024  
Issued: May 5, 2024



### 8-14 Day Precipitation Outlook

Valid: May 13 - 19, 2024  
Issued: May 5, 2024





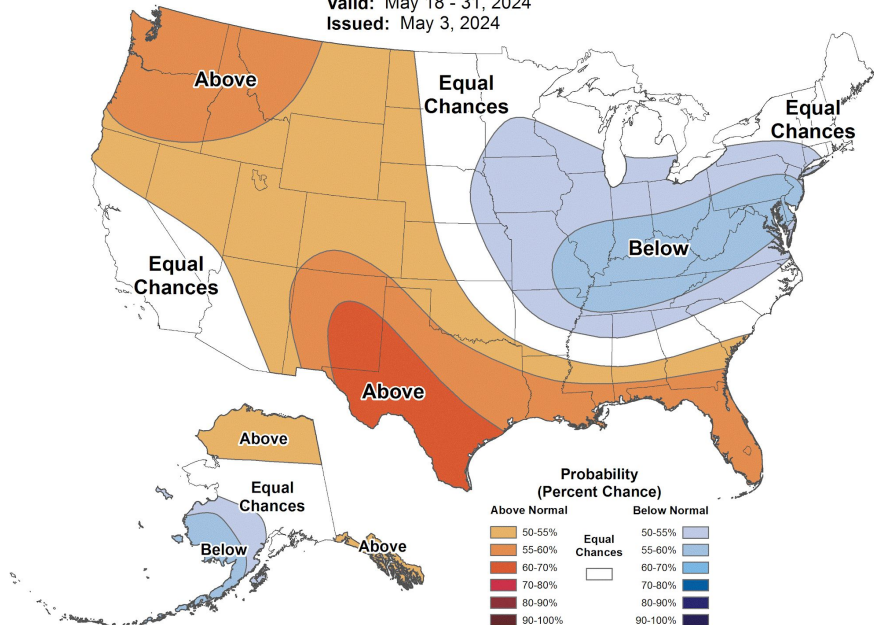
# Weekly Weather Briefing

## Week 3-4 Temp/Precip Outlooks (Climate Prediction Center)



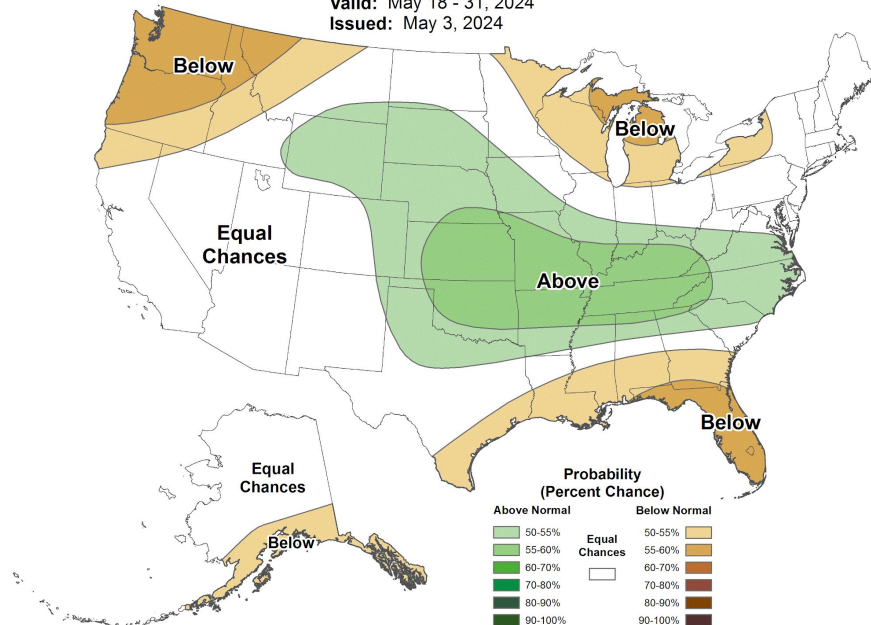
### Weeks 3-4 Temperature Outlook

Valid: May 18 - 31, 2024  
Issued: May 3, 2024



### Weeks 3-4 Precipitation Outlook

Valid: May 18 - 31, 2024  
Issued: May 3, 2024





# Weekly Weather Briefing

Updated: May 6, 2024

TONIGHT

Tuesday, May 7

Wednesday, May 8

Thursday, May 9

Friday, May 10

WEEKEND



**Windy**

Rapid fire spread due to windy & dry conditions areawide.

Hazardous crosswinds on north-south oriented roads.



**Windy**

Rapid fire spread due to windy & dry conditions areawide.

Hazardous crosswinds on north-south oriented roads areawide.

Sensitive plants left outdoors may be killed in the San Juan River Valley



**Windy**

Rapid fire spread due to windy & dry conditions over much of northern and central NM.

Hazardous crosswinds on some north-south oriented roads.

Sensitive plants left outdoors may be killed in the San Juan River Valley



**Windy**

Cloud-to-ground lightning, small hail and erratic wind gusts from thunderstorms in north-central / northeast NM.

Gusty east canyon winds will blow down unsecured objects in east Albuquerque in the morning



**Windy**

Cloud-to-ground lightning, small hail and erratic wind gusts from thunderstorms in north-central / northeast NM.

Gusty east canyon winds will blow down unsecured objects in east Albuquerque in the morning



Cloud-to-ground lightning, small hail and erratic wind gusts from thunderstorms in north-central / northeast NM.

## Potential Impacts Color Table

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



Limited (Common)



Minor (Common)



Moderate (Uncommon)



High (Rare Event)



Extreme (Very Rare Event)



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

NOAA/National Weather Service  
Albuquerque, NM