



Weekly Weather Briefing

April 22, 2024

FIRE WEATHER CONCERNS LATE WEEK. COOLER AND WETTER NORTH AND WEST SATURDAY



04-22-2024 Mon 11:55



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

NOAA/National Weather Service
Albuquerque, NM



Weekly Weather Briefing

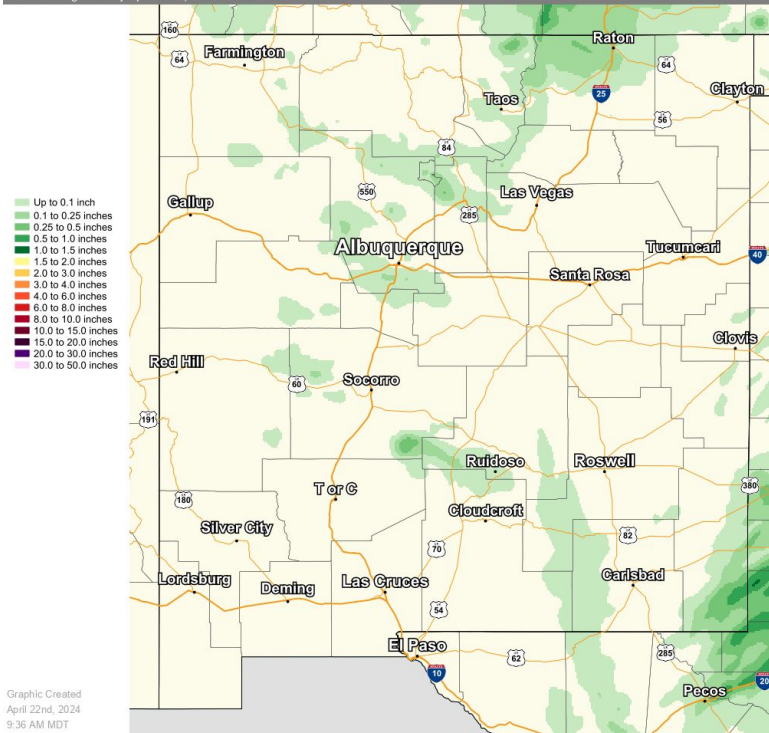
CoCoRaHS Reports for Past Week

Valid: April 15th-22nd, 2024

Station	Precipitation (in)
South Valley 1.1 S	0.15
Los Alamos 6.6 SE	0.14
Albuquerque 7.7 SW	0.12
Rowe 2.7 NNW	0.10
White Rock 1.5 NNE	0.09
Santa Fe 4.3 SW	0.09
Raton 1.0 N	0.06
Santa Fe 4.4 WSW	0.05
Roswell 2.0 NNE	0.04
Ruidoso 5.6 NNE	0.04
Chacon 2.3 ENE	0.04
Nogal 4.6 SSE	0.03
Capitan 4.3 WSW	0.03
NWS Albuquerque (NM-BR-292)	T

Observed Precipitation

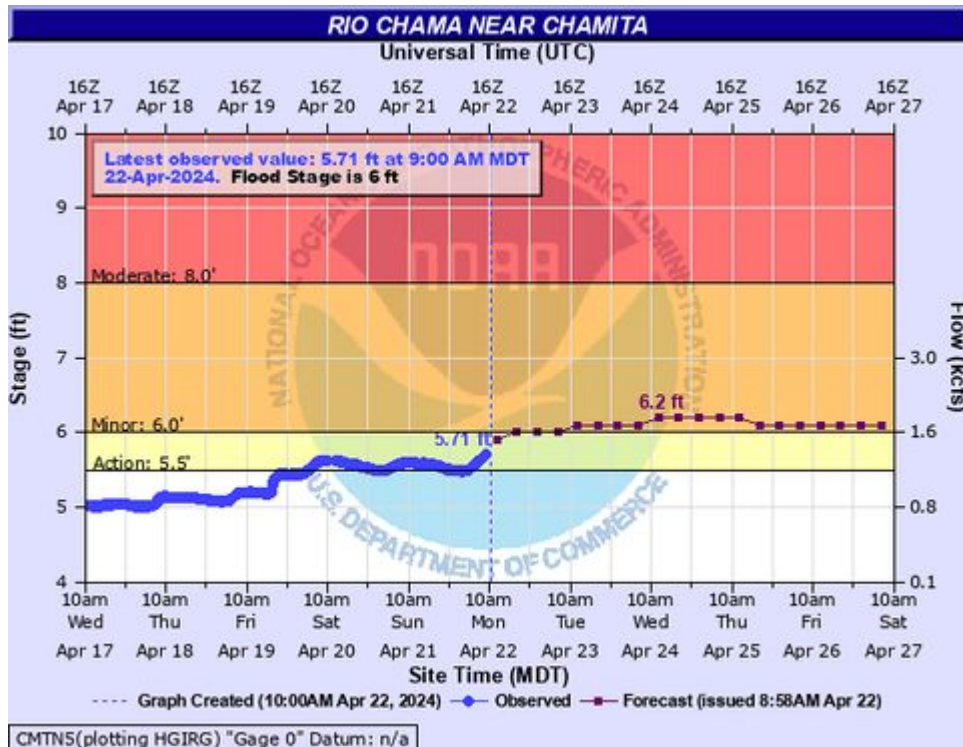
Valid Ending Monday April 22nd, 2024 at 9 AM MDT





Weekly Weather Briefing

Current Flooding Concerns



Rio Chama at Chamita

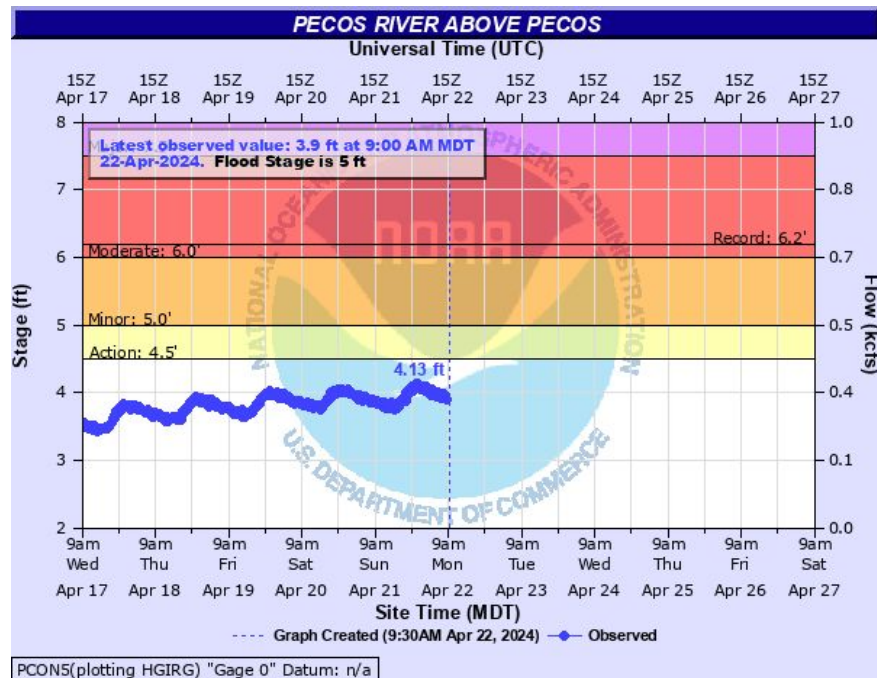
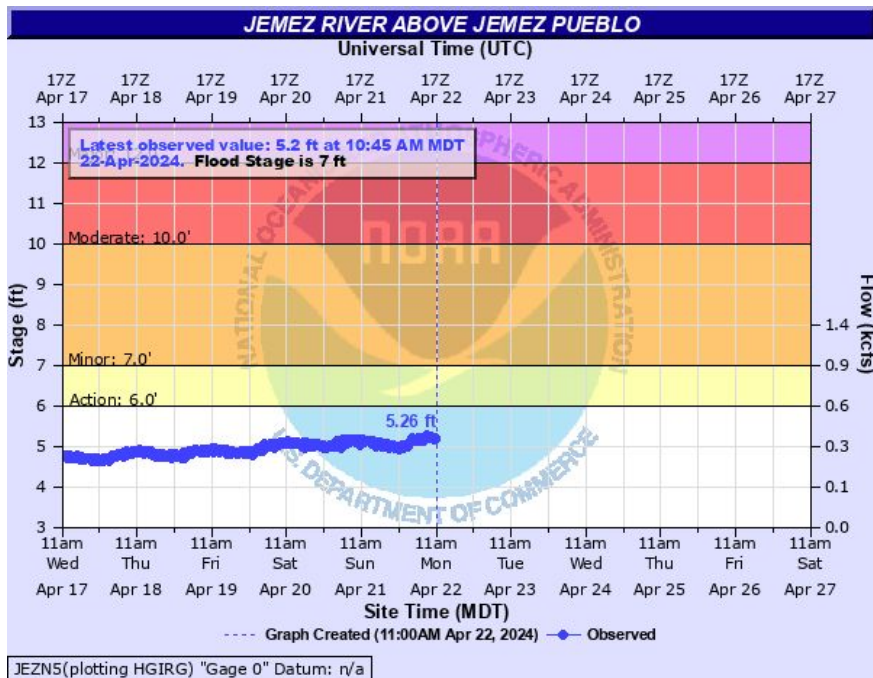
- Forecast to pass flood stage (6ft) this evening.
- Expected to crest at 6.2ft on Wednesday.
- Flows are from a combination of local snowmelt, snowmelt runoff from the Rio Ojo Caliente and releases from Abiquiu reservoir.
- Minor impacts are expected, including water encroaching onto properties in the floodplain immediate adjacent to the river.





Weekly Weather Briefing

Potential Flooding Concerns



Both the Jemez and Pecos rivers will get near action stage. We are watching these closely.





Weekly Weather Briefing

Temperature and Precipitation Outlook

Location	Maximum Temperature							Probability of Precipitation						
	Mon 04/22	Tue 04/23	Wed 04/24	Thu 04/25	Fri 04/26	Sat 04/27	Sun 04/28	Mon 04/22	Tue 04/23	Wed 04/24	Thu 04/25	Fri 04/26	Sat 04/27	Sun 04/28
Albuquerque	80	83	81	78	76	75	72	10	0	0	0	0	20	0
Santa Fe	77	80	78	74	72	70	69	0	0	0	0	10	30	10
Farmington	81	81	80	72	71	66	67	0	0	0	10	30	40	0
Gallup	79	78	76	67	68	64	66	0	0	0	0	20	30	0
Grants	78	79	78	69	69	65	67	10	0	0	0	10	30	0
Clayton	79	73	71	82	77	76	72	0	0	0	0	0	20	10
Raton	77	75	76	78	72	70	69	0	0	0	0	0	30	20
Las Vegas	74	76	74	73	69	67	66	0	0	0	0	0	20	10
Moriarty	76	80	78	75	72	71	68	0	0	0	0	0	20	0
Tucumcari	80	84	77	84	79	79	76	0	0	0	0	0	0	0
Clovis	77	87	79	85	79	81	77	0	0	0	0	0	0	0
Roswell	80	93	84	90	85	86	84	0	0	0	0	0	0	0
Socorro	83	89	86	83	82	80	79	0	0	0	0	0	10	0
Chama	70	71	70	64	59	57	59	0	0	0	20	30	60	20
Taos	74	76	74	71	66	64	64	0	0	0	0	10	30	10
Angel Fire	66	68	66	63	58	56	56	0	10	0	10	10	40	20
Los Alamos	72	74	74	69	66	63	63	10	0	0	10	10	40	10
Ruidoso	70	75	74	69	66	66	66	10	0	0	0	0	0	0
Quemado	75	77	74	67	67	65	66	10	0	0	0	10	30	0

- **High Temps:** 5 to 12 degrees above normal through Wednesday for most. Near normal west and central late week.
- **Precipitation:** Few showers near the CO border late Thursday. Wetter across northern and western areas Saturday.





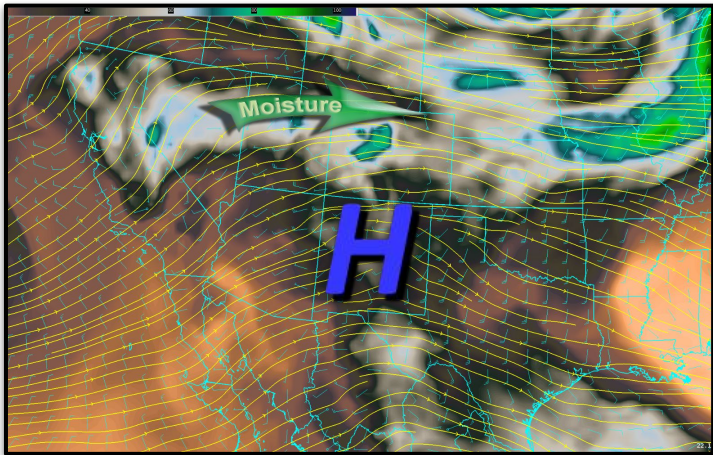
Weekly Weather Briefing

Tonight

Potential Impacts

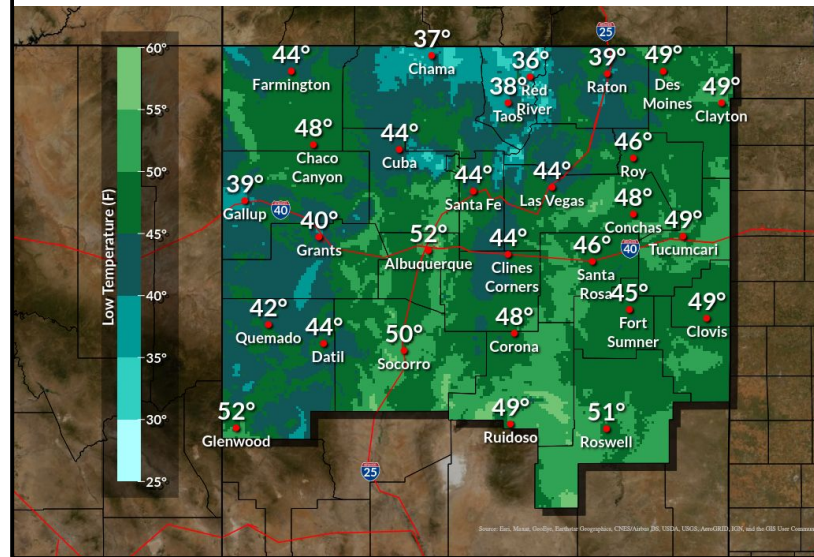
NO IMPACTS

Upper Level Forecast Chart Valid Midnight MT



Dry Moist

Tonight's Low Temperatures



- Virga showers across west central high terrain tapers off around sunset.
- Mostly clear skies and above normal low temperatures overnight.





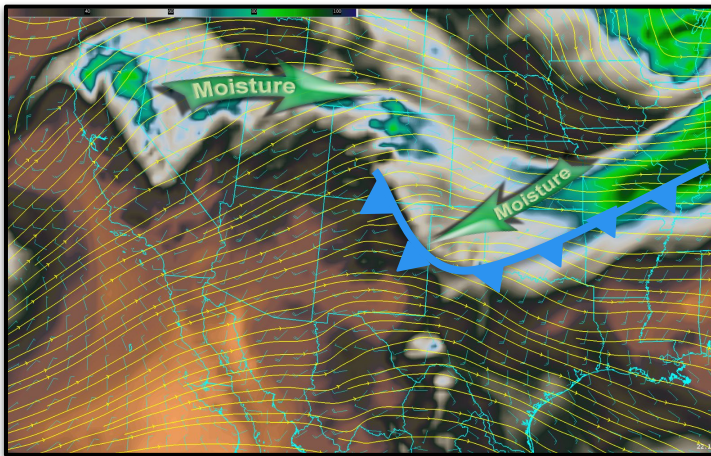
Weekly Weather Briefing

Tuesday

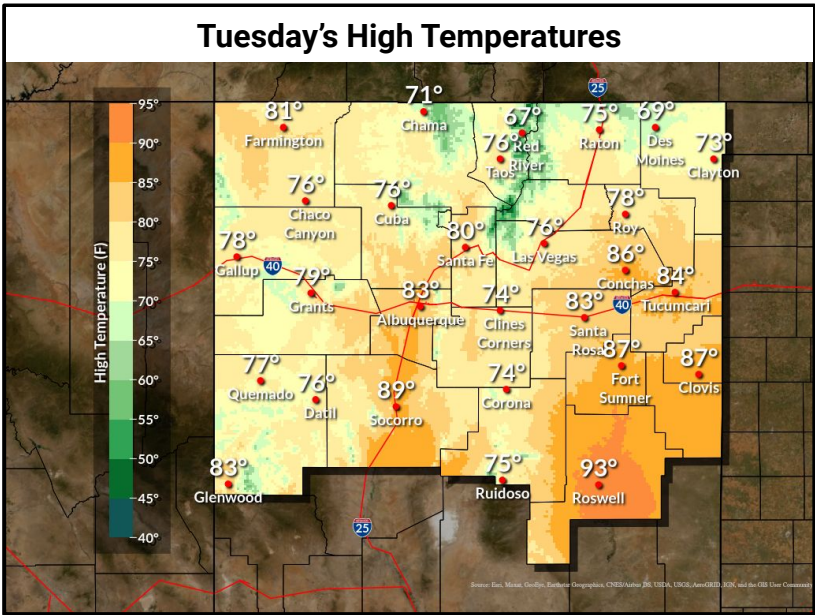
Potential Impacts

**POSSIBLE RAPID FIRE SPREAD
WEST AND CENTRAL NM**

Upper Level Forecast Chart Valid 3pm MT



Dry **Moist**



- Warmest day of the week across most areas.
- Elevated fire weather conditions western and central NM.
- Cooler across northeast NM behind a backdoor front with breezy northeast winds.





Weekly Weather Briefing

Record High Temperatures on Tuesday?

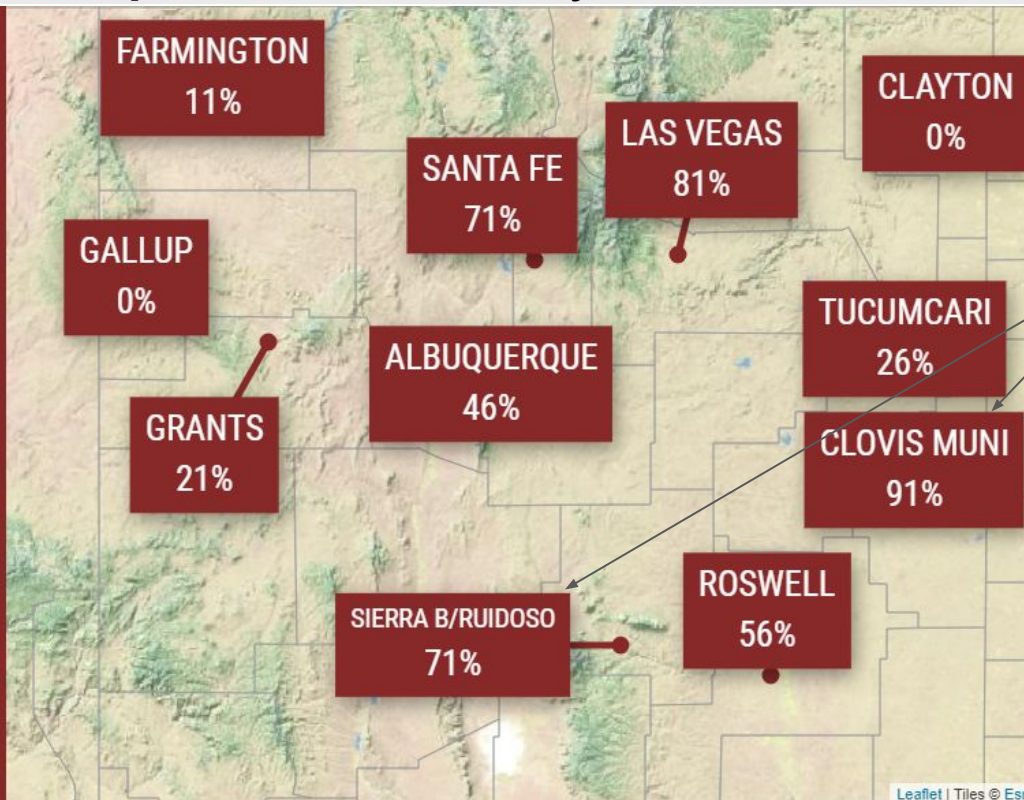
Tuesday, April 23, 2024

Chance of Record High Temperature

This graphic displays the probability of the temperature reaching or exceeding record values.



Issued: Mon, Apr 22, 2024, 1 PM



Note: Percentages for Sierra B/Ruidoso and Clovis are misleading due to small period of record.

Leaflet | Tiles © Esri





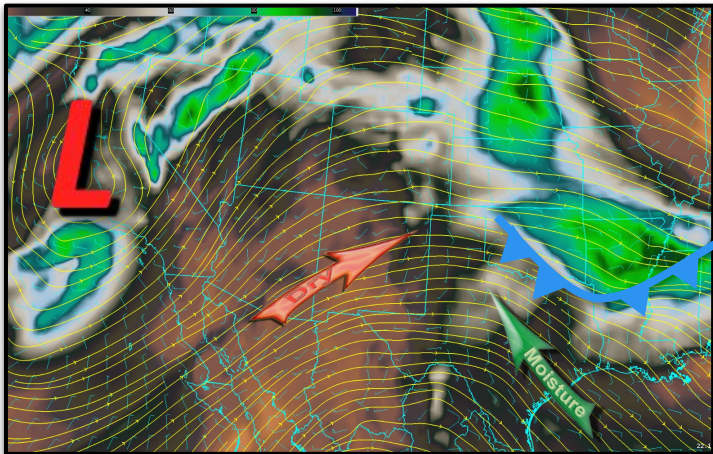
Weekly Weather Briefing

Wednesday

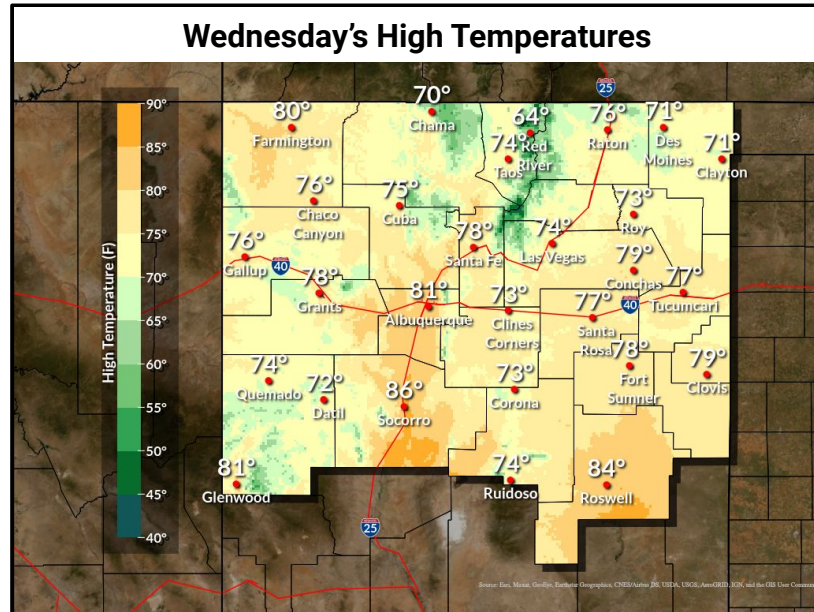
Potential Impacts

**POSSIBLE RAPID FIRE SPREAD
WEST AND CENTRAL NM**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> **Moist**



- Backdoor front retreats east into Texas.
- Elevated to critical fire weather conditions western & central NM.
- Temperatures 5 to 12 degrees above normal.





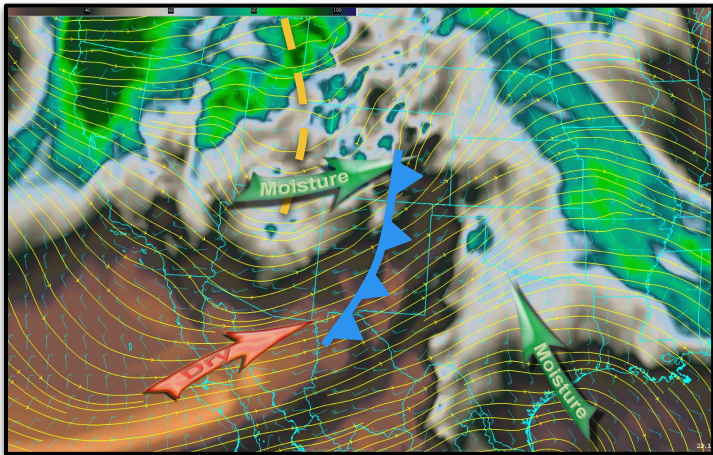
Weekly Weather Briefing

Thursday

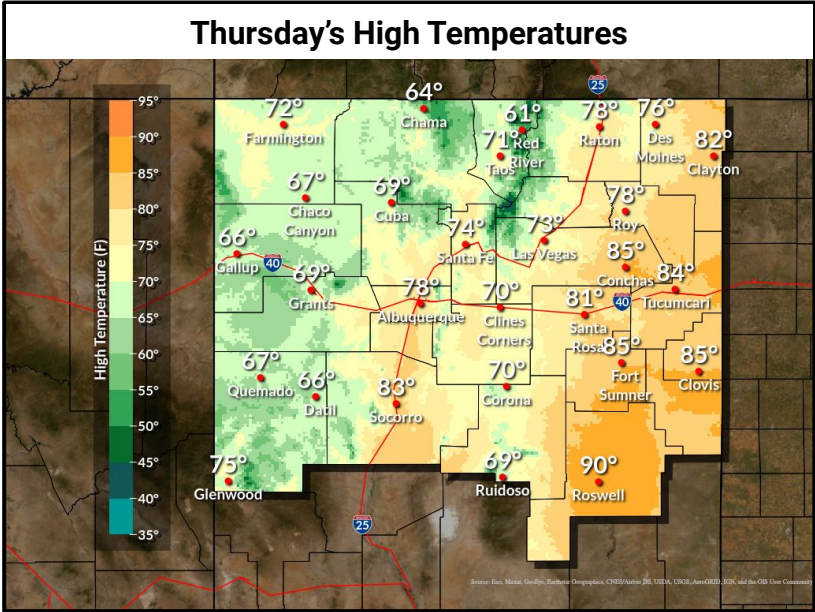
Potential Impacts

**RAPID FIRE SPREAD CONDITIONS
EXPECTED BELOW SNOWPACK**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> **Moist**



- Strong southwest winds across eastern NM behind dryline and west winds across western and central NM behind Pacific front.
- Winds combined with low relative humidity values and dry fuels will result in critical to extreme fire weather conditions areawide.





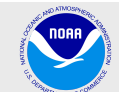
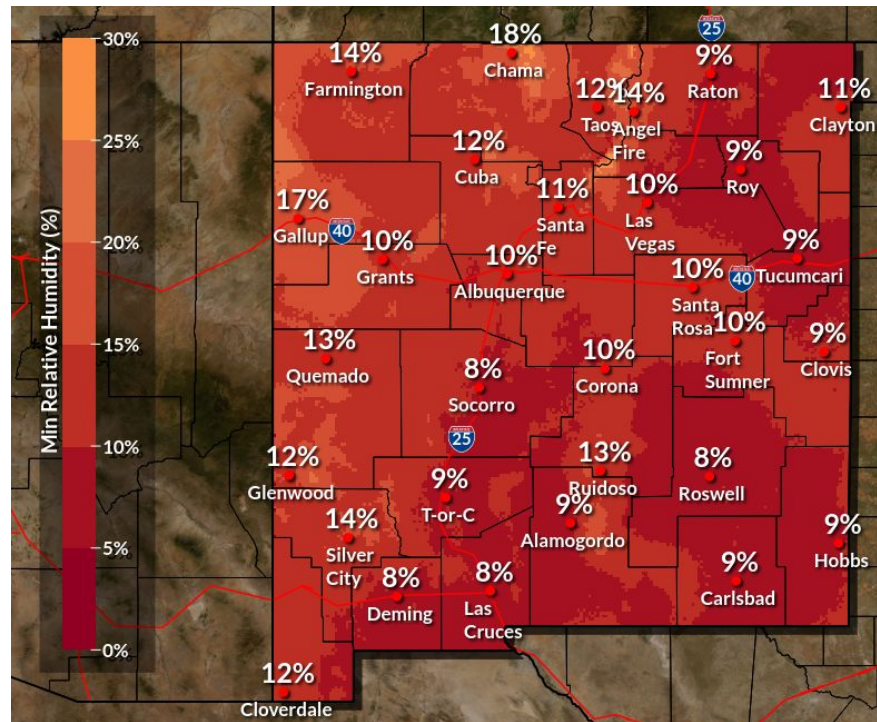
Weekly Weather Briefing

Winds and Relative Humidity Values on Thursday

Wind Gust Matrix

	12am	6am	12pm	6pm
Alamogordo	13	26	40	40
Albuquerque	13	24	37	39
Angel Fire	17	28	36	36
Artesia	20	26	39	39
Carlsbad	17	24	36	36
Clayton	24	32	45	45
Clines Corner	21	33	45	45
Clovis	20	25	39	40
Deming	21	30	41	41
Farmington	16	17	29	29
Fort Sumner	17	28	41	44
Gallup	21	28	37	37
Grants	15	23	36	37
Hobbs	23	21	33	35
Las Cruces	13	29	40	40
Las Vegas	17	33	44	44
Lordsburg	15	25	38	37
Los Alamos	17	24	37	37
Raton	24	32	44	44
Rio Rancho	15	24	37	39
Roswell	17	25	40	41
Ruidoso	20	36	45	45
Santa Fe	16	24	37	39
Santa Rosa	20	32	44	44
Santa Teresa	14	26	40	40
Silver City	21	29	41	40
Socorro	16	24	37	37
T or C	14	29	43	40
Taos	15	24	36	37
Tucumcari	17	31	44	45
White Sands	18	30	43	43
Whites City	18	26	37	37

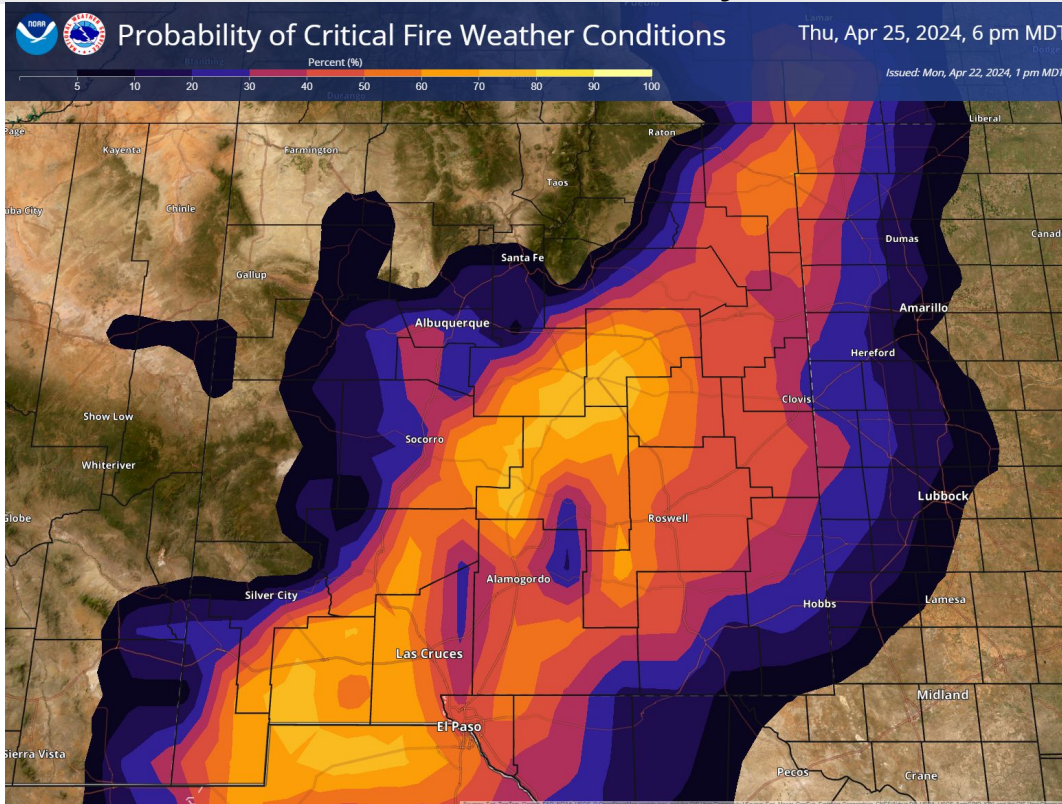
Minimum Relative Humidity Values





Weekly Weather Briefing

Critical Fire Weather Conditions on Thursday





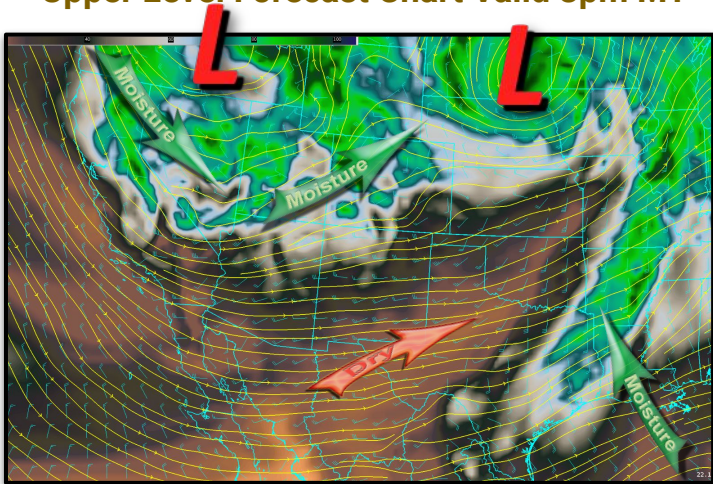
Weekly Weather Briefing

Friday

Potential Impacts

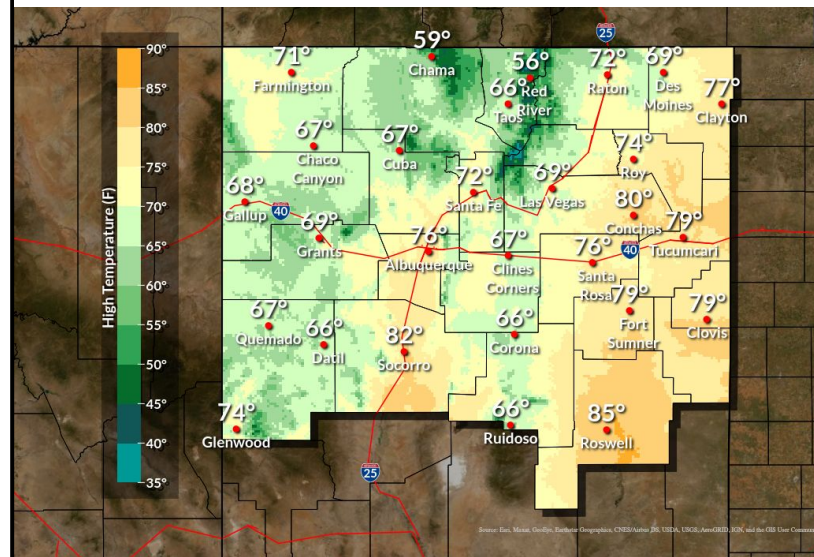
**RAPID FIRE SPREAD LIKELY
LOWER RGV AND EASTERN NM**

Upper Level Forecast Chart Valid 3pm MT



Dry —————> **Moist**

Friday's High Temperatures



- Gusty west winds behind departing storm system.
- Critical fire weather conditions for eastern NM and lower RGV.
- Near normal temperatures central and west, 4 to 8 degrees above normal eastern plains.

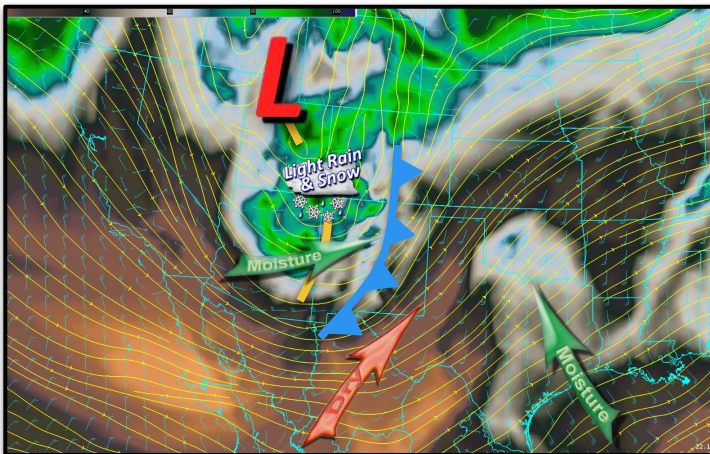




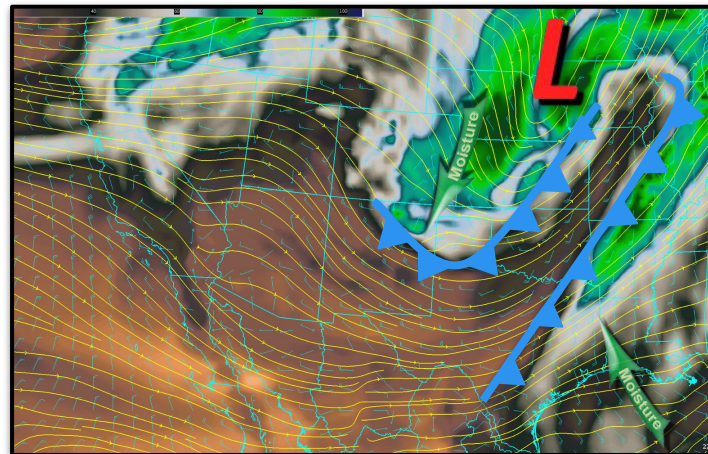
Weekly Weather Briefing

Upcoming Weekend

Saturday



Sunday



Upper Level Forecast Chart Valid 6pm MT

Next storm system dives south from Pacific NW and Great Basin. Southwest winds increase ahead of the system. Southern track brings better precipitation chances across northern and western NM. Another day of critical fire weather conditions across eastern NM Saturday. Looks drier and breezy to locally windy behind the system on Sunday. Few afternoon showers possible across far northeast NM behind backdoor front.





Weekly Weather Briefing

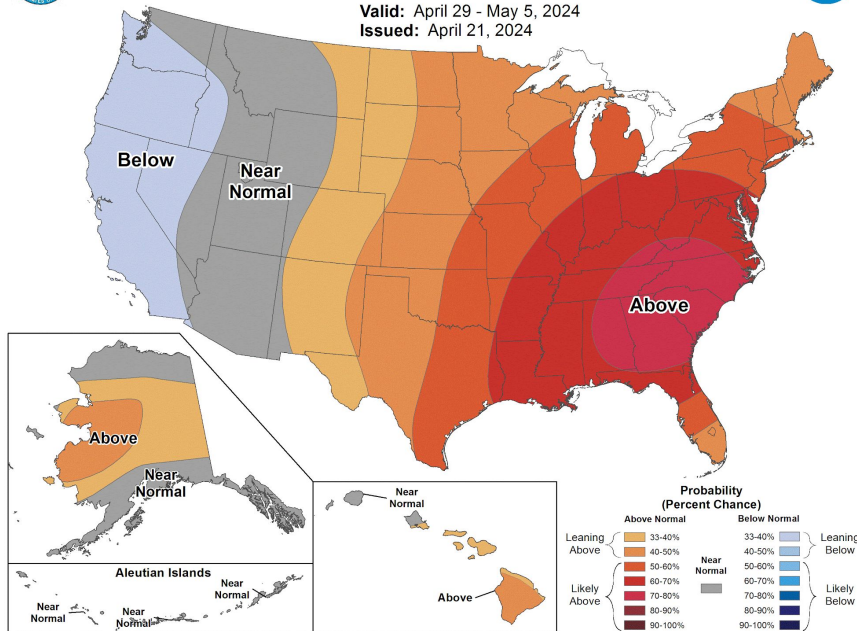
8-14 Day Temp/Precip Outlooks (Climate Prediction Center)



8-14 Day Temperature Outlook



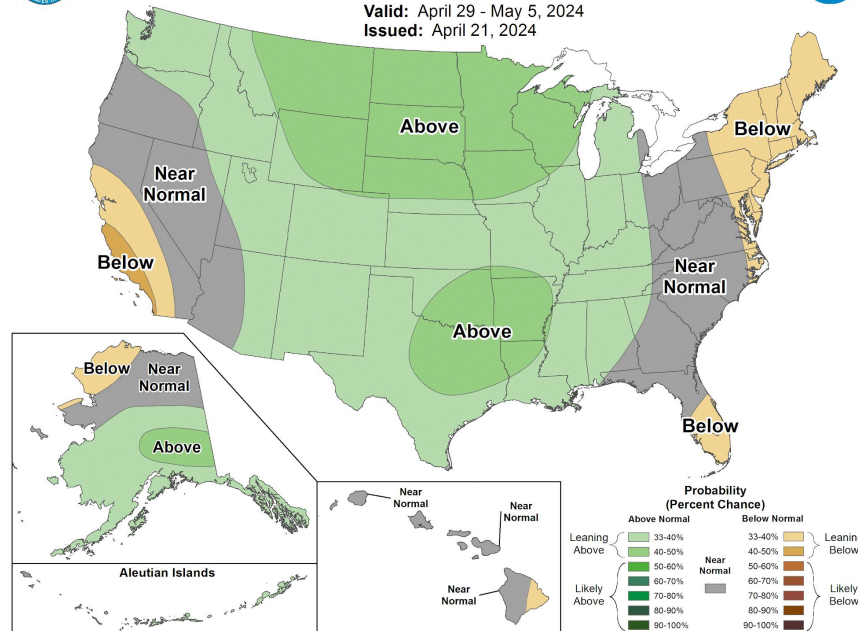
Valid: April 29 - May 5, 2024
Issued: April 21, 2024



8-14 Day Precipitation Outlook



Valid: April 29 - May 5, 2024
Issued: April 21, 2024





Weekly Weather Briefing

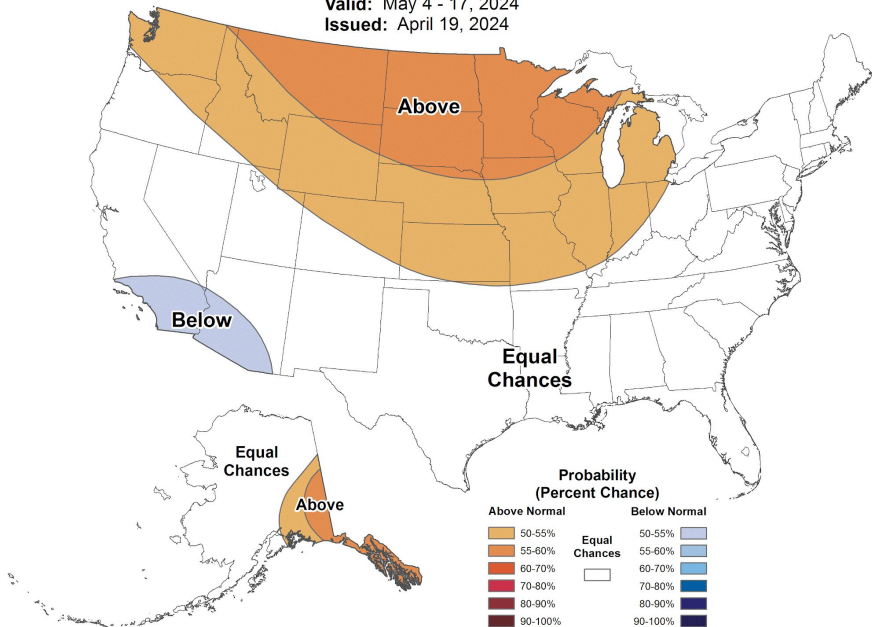
Week 3-4 Temp/Precip Outlooks (Climate Prediction Center)



Weeks 3-4 Temperature Outlook



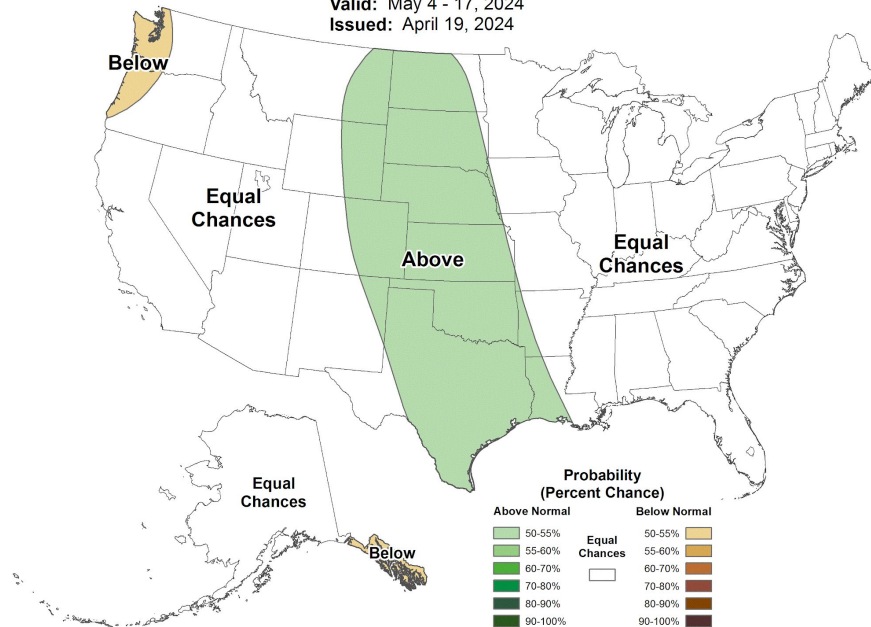
Valid: May 4 - 17, 2024
Issued: April 19, 2024



Weeks 3-4 Precipitation Outlook



Valid: May 4 - 17, 2024
Issued: April 19, 2024





Weekly Weather Briefing

Updated: April 22, 2024

Tonight

Tuesday, Apr 23

Wednesday, Apr 24

Thursday, Apr 25

Friday, Apr 26

Weekend



Gusty and erratic winds near isolated virga showers across west central mts. during the early evening



Rapid fire spread possible in western and central NM



Rapid fire spread possible in western and central NM



Widespread critical to extreme fire weather conditions. Rapid fire spread likely

Hazardous crosswinds on NW-SE oriented roadways



Critical fire weather conditions across lower RGV and eastern NM. Rapid fire spread possible.

Strong crosswinds possible on N-S oriented roadways



Rain and high elevation snow western NM on Saturday

Critical fire weather conditions across lower RGV and eastern NM. Rapid fire spread possible.

Strong crosswinds possible on N-S oriented roadways

Potential Impacts Color Table

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

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