April 2025 Climate & Weather Summary

Issued: May 10, 2025



April 2025 was a very active month with high winds, dust storms, several wildfires, showers, thunderstorms, severe hail, tornados, flash flooding, and heavy snowfall. It was slightly warmer than normal for the vast majority of the region with a couple pockets of cooler than normal temperatures across the west. It was also drier than normal for most of far northern, central, and western NM, while eastern NM saw several bouts of heavy rainfall with well above normal precipitation.



April 26, 2025 | Northeast of Roswell, NM Tornado - Photo courtesy Paul Andrew



April 5, 2025 | near Edgewood, NM Snowy Horses - Photo courtesy Charlene



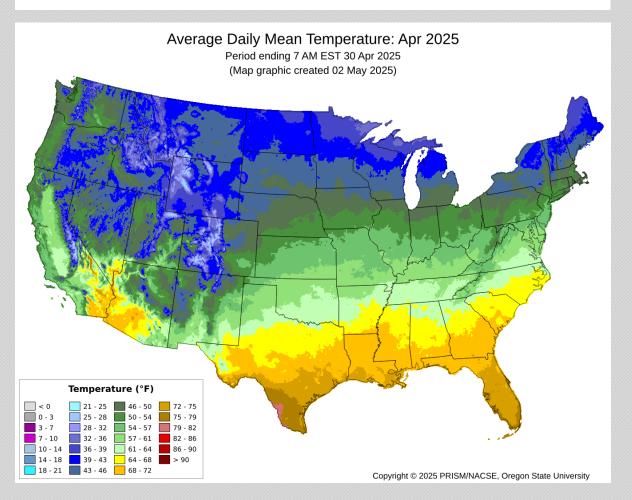
April 26, 2025 | near Newkirk, NM Large Hail - Photo courtesy John Farley



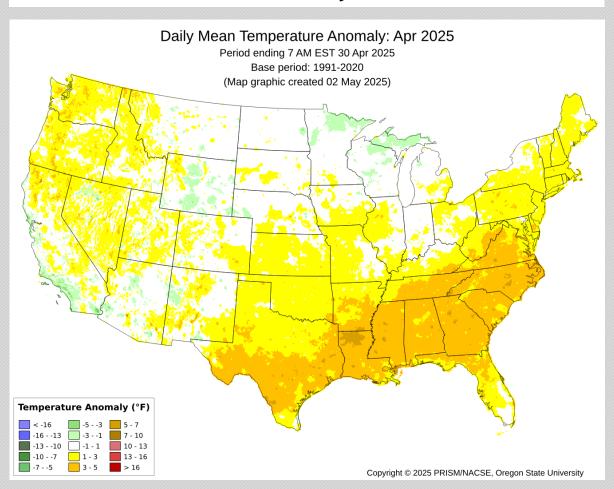
April 26 2025 | near Fort Sumner, NM Tornado - Photo courtesy Luke & Dawna Cortese



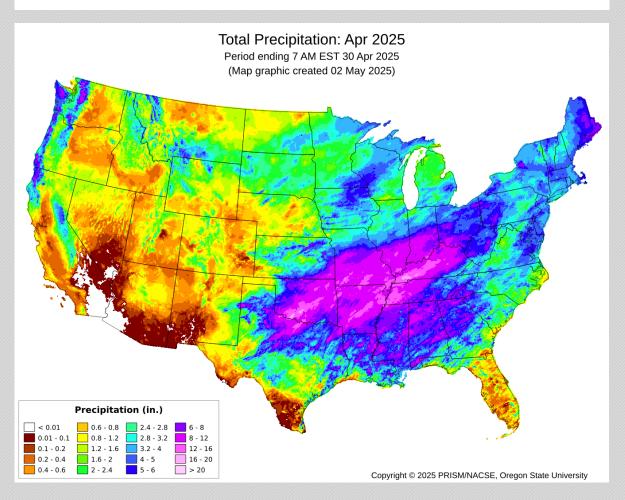




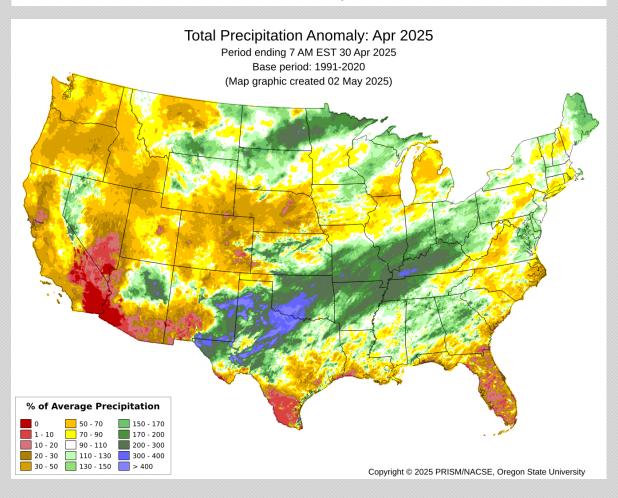
Anomaly

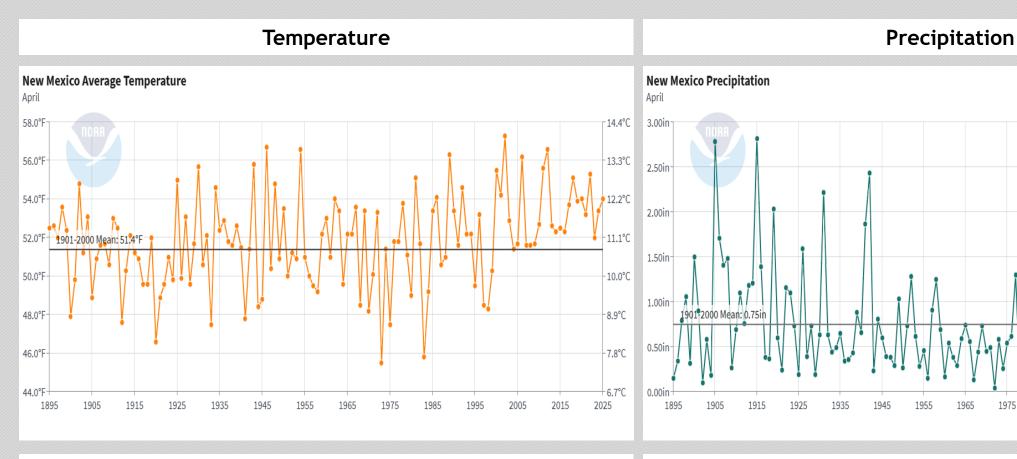






Anomaly





The April 2025 average statewide temperature was 54.0°, which was 2.6° <u>above</u> the long-term normal of 51.4° (1901-2000). This ranked as the 20th warmest April on record (1895-2025).

The April 2025 average statewide precipitation was 0.63", which was 0.12" <u>below</u> the long-term normal of 0.75" (1901-2000). This ranked as the 56th driest April on record (1895-2025).

76.20mm

63.50mm

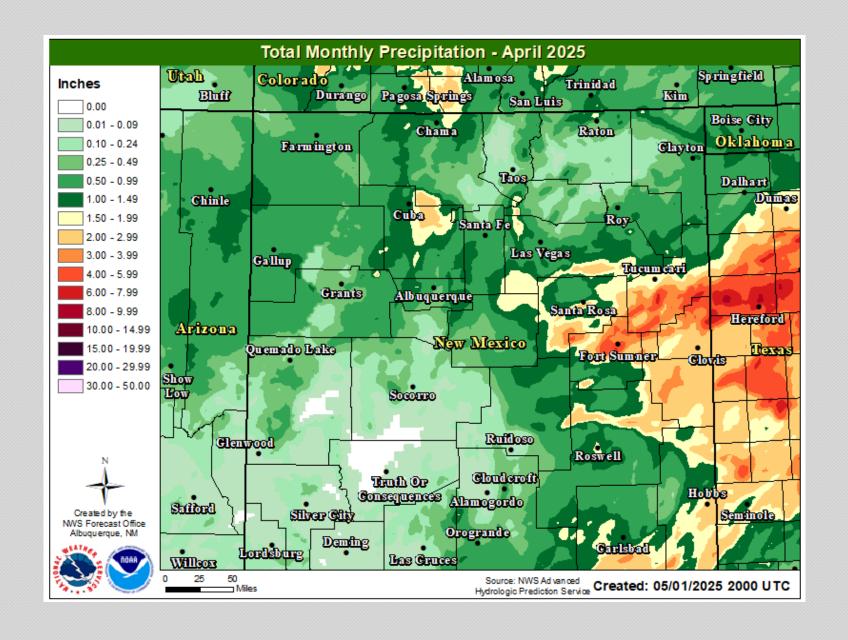
50.80mm

38.10mm

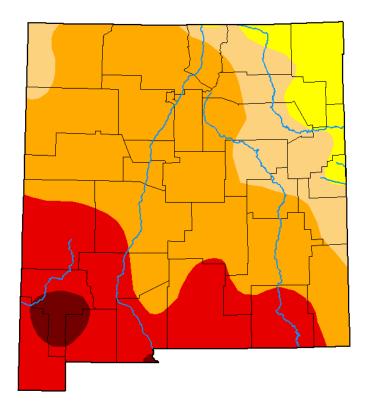
25.40mm

2015

1995



U.S. Drought Monitor
New Mexico



April 1, 2025 (Released Thursday, Apr. 3, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	92.94	78.82	27.69	2.50
Last Week 03-25-2025	0.00	100.00	88.47	67.42	27.63	2.50
3 Month's Ago 12-31-2024	43.74	56.26	29.19	16.25	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 04-02-2024	1.76	98.24	76.24	37.77	16.72	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:

David Simeral

Western Regional Climate Center



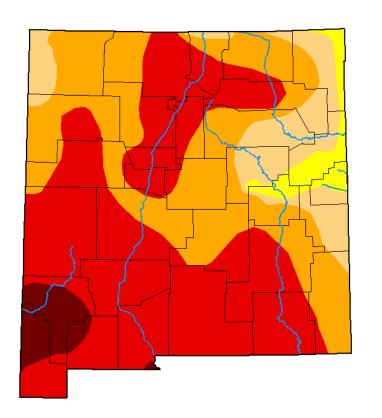






droughtmonitor.unl.edu

U.S. Drought Monitor
New Mexico



April 29, 2025

(Released Thursday, May. 1, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.02	99.98	96.42	84.78	52.47	4.23
Last Week 04-22-2025	0.00	100.00	98.27	85.04	41.96	4.23
3 Month s Ago 01-28-2025	34.50	65.50	36.00	20.58	5.37	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 04-30-2024	3.49	96.51	74.41	35.67	13.42	1.53

Intensity:

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

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<u>Author:</u>

Richard Tinker CPC/NOAA/NWS/NCEP









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Drought conditions in April deteriorated across most of NM. There was little change across far southern and far northeastern NM.

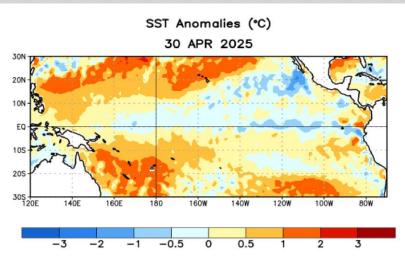


Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 30 April 2025. Anomalies are computed with respect to the 1991-2020 base period weekly means.

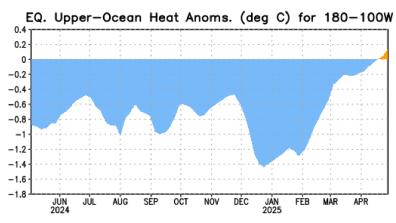


Figure 3. Area-averaged upper-ocean heat content anomaly ($^{\circ}$ C) in the equatorial Pacific (5° N- 5° S, 180° - 100° W). The heat content anomaly is computed as the departure from the 1991-2020 base period pentad means.

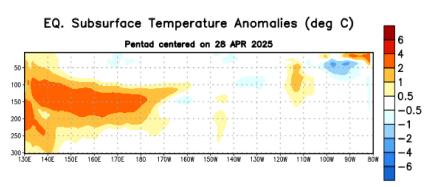


Figure 4. Depth-longitude section of equatorial Pacific upper-ocean (0-300m) temperature anomalies (°C) centered on the pentad of 28 April 2025. Anomalies are departures from the 1991-2020 base period pentad means.

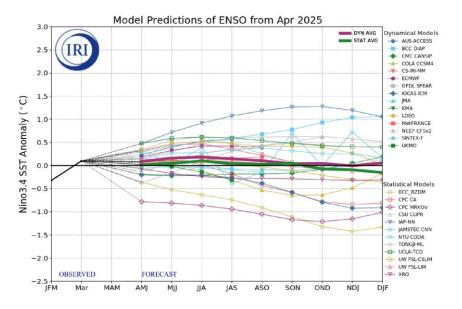
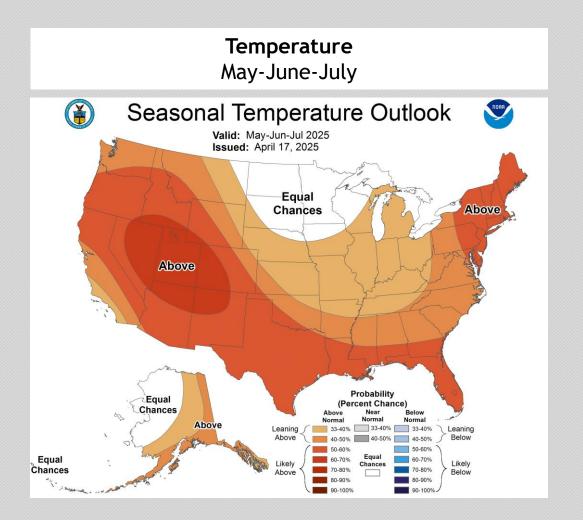
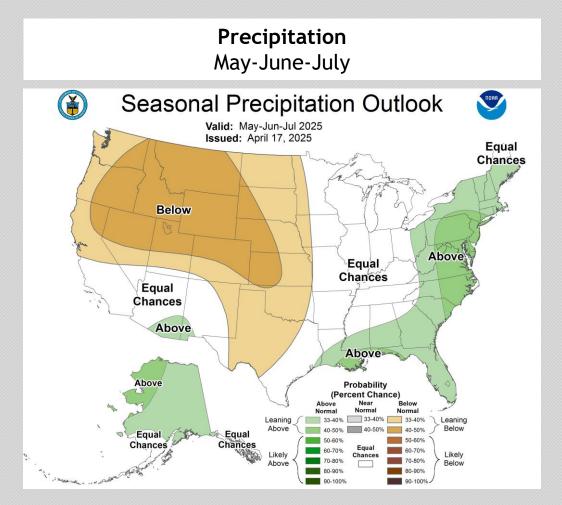
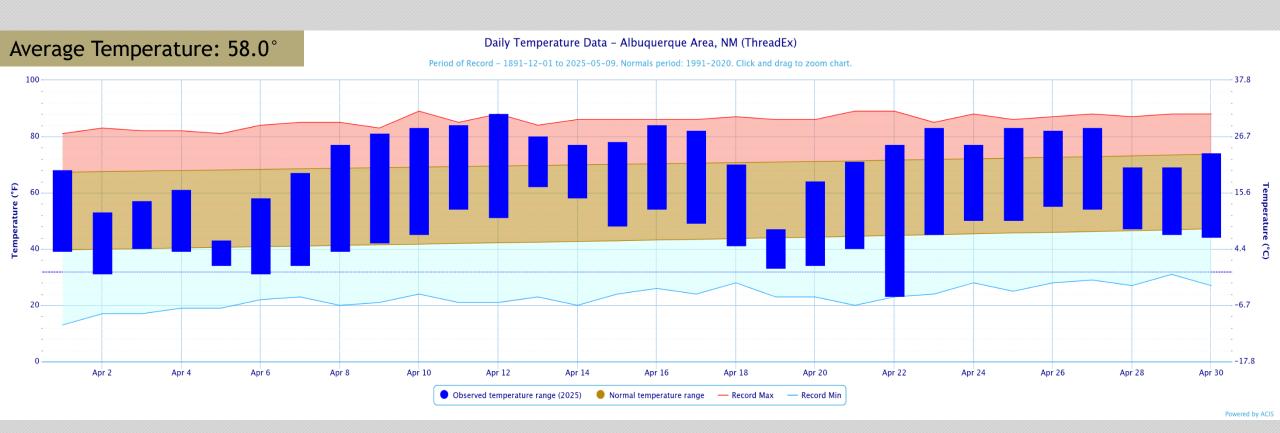


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 21 April 2025 by the International Research Institute (IRI) for Climate and Society.





The outlook through late spring and early summer favors above normal temperatures for the entire region, below normal precipitation across far eastern NM, and above normal precipitation for far southwestern NM.

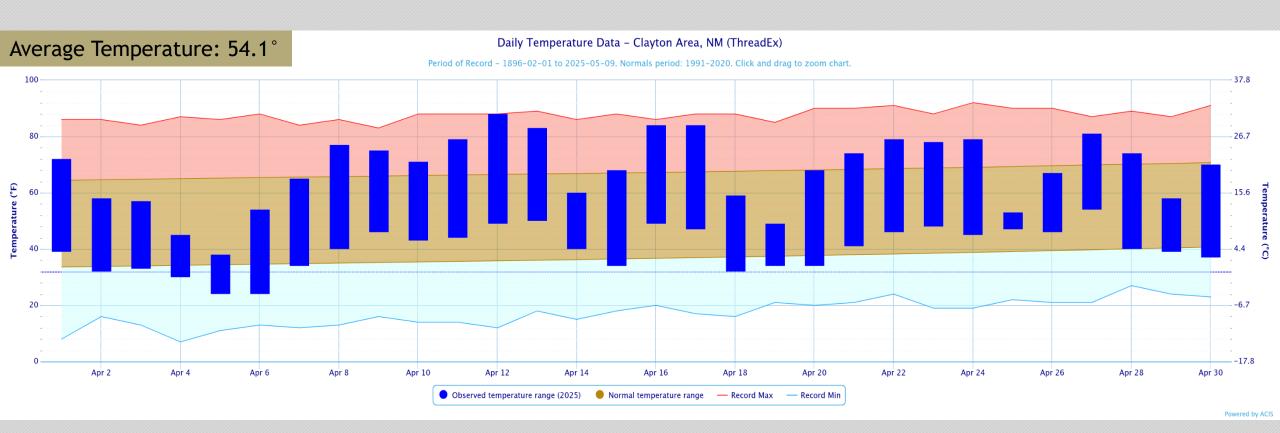


The April 2025 average temperature for Albuquerque was 58.0°, which was 1.2° <u>above</u> the normal of 56.8°. The average maximum temperature for the month was 72.3°. This was 2.0° <u>above</u> the normal average maximum temperature of 70.3°. The average minimum temperature for the month was 43.7°. This was 0.5° <u>above</u> the normal average minimum temperature of 43.2°. This ranked as the 21st warmest April on record.

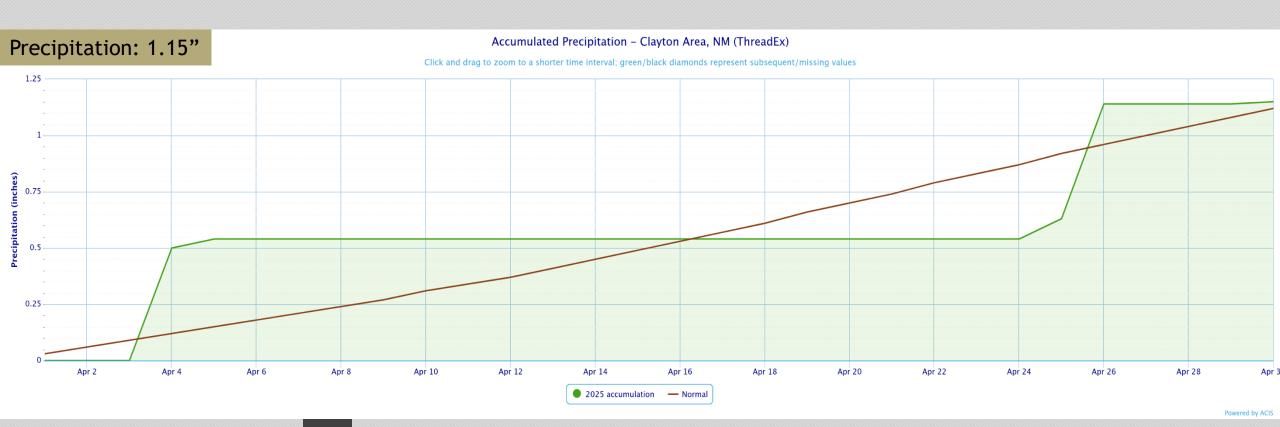


The April 2025 precipitation for Albuquerque was 0.32", which was 0.19" <u>below</u> the normal of 0.51". This ranked as the 61st driest April on record.

There was 0.4" of snow, compared to the normal of 0.3".

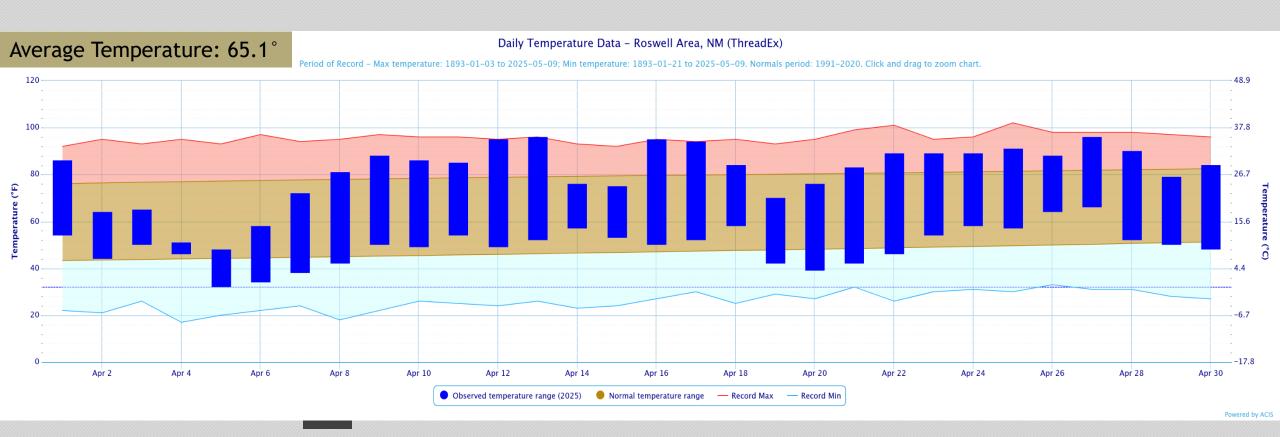


The April 2025 average temperature for Clayton was 54.1°, which was 2.1° <u>above</u> the normal of 52.0°. The average maximum temperature for the month was 68.2°. This was 0.9° <u>above</u> the normal average maximum temperature of 67.3°. The average minimum temperature for the month was 40.0°. This was 2.2° <u>above</u> the normal average minimum temperature of 36.8°. This ranked as the 28th warmest April on record.

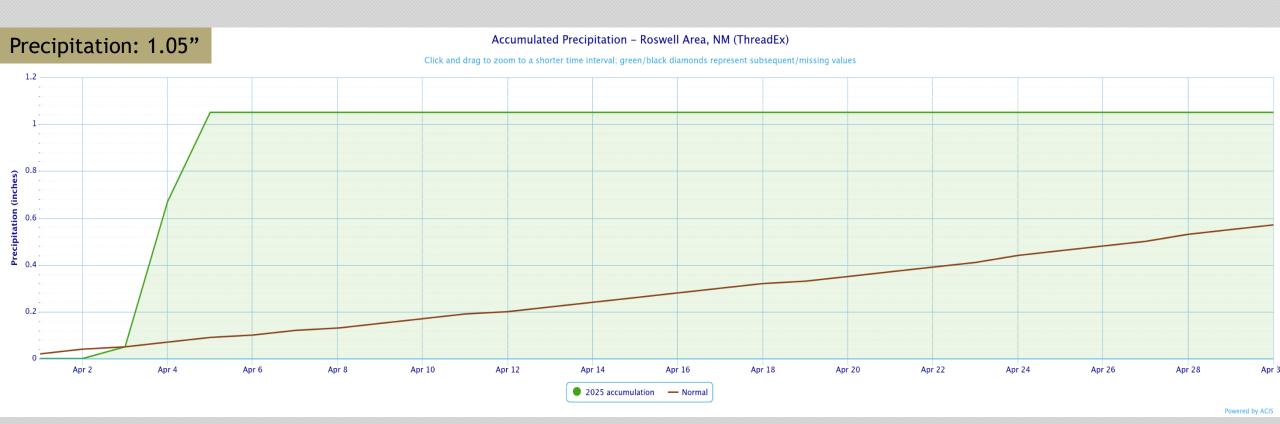


The April 2025 precipitation for Clayton was 1.15", which was 0.03" <u>above</u> the normal of 1.12". This ranked as the 36th wettest April on record.

There was 1.5" of snow, compared to the normal of 1.3".



The April 2025 average temperature for Roswell was 65.1°, which was 1.9° <u>above</u> the normal of 63.2°. The average maximum temperature for the month was 80.8°. This was 1.4° <u>above</u> the average maximum temperature of 79.4°. The average minimum temperature for the month was 49.4°. This was 2.4° <u>above</u> the normal average minimum temperature of 47.0°. This ranked as the 9th warmest April on record.



The April 2024 precipitation for Roswell was 1.05", which was 0.48" <u>above</u> the normal of 0.57". This ranked as the 28th wettest April on record.

There was 0.0" of snow, compared to the normal of 0.0".

Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
High Wind	4/1/2025	West Central Plateau	57 kt	Gust	The Gallup Municipal Airport observed peak wind gusts of 66 mph. Additionally, the site observed peak sustained winds of 46 mph.
High Wind	4/1/2025	West Central Mountains	51 kt	Gust	The Malpais Lava Flow RAWS observed a wind gust of 59 mph.
High Wind	4/1/2025	Southwest Mountains	65 kt	Gust	The Magdelena Ridge Observatory observed estimated peak wind gusts of 75 mph.
High Wind	4/1/2025	Glorieta Mesa Including Glorieta Pass	54 kt	Gust	The NM DOT weather station along I-25 at Rowe, NM measured a peak wind gust of 62 mph.
High Wind	4/1/2025	Northern Sangre De Cristo Mountains	60 kt	Gust	A weather station at Kachina Peak in Taos Ski Valley observed peak wind gusts of 69 mph.
High Wind	4/1/2025	Upper Rio Grande Valley	56 kt	Gust	A Wunderground station west of Taos near the Rio Grande gorge observed peak wind gusts of 64 mph.
High Wind	4/1/2025	Santa Fe Metro Area	56 kt	Gust	The Santa Fe Municipal Airport observed peak wind gusts of 64 mph. Additionally, the NMDOT station at La Bajada Hill observed peak wind gusts of 62 mph.
High Wind	4/1/2025	Middle Rio Grande Valley/Abq Area	50 kt	Gust	The Albuquerque International Sunport observed a wind gust of 58 mph.
High Wind	4/1/2025	Lower Rio Grande Valley	50 kt	Gust	The Sevilleta RAWS observed a wind gust of 58 mph.
High Wind	4/1/2025	Sandia/Manzano Mountains & Edgewood	59 kt	Gust	A wunderground station at Sandia Airpark near Edgewood observed peak wind gusts of 68 mph.
High Wind	4/1/2025	Estancia Valley	56 kt	Gust	A CWOP station in Estancia observed a wind gust of 64 mph.
High Wind	4/1/2025	Central Highlands	60 kt	Gust	The Clines Corners ASOS measured peak wind gusts of 69 mph and peak sustained winds of 43 mph. Duran measured a peak wind gust of 58 mph.
High Wind	4/1/2025	South Central Highlands	54 kt	Gust	A White Sand Missile Range station at North Oscura Peak measured a peak wind gust of 62 mph. Mountainair measured a peak wind gust of 60 mph.
High Wind	4/1/2025	Upper Tularosa Valley	51 kt	Gust	The White Sands Missile Range stations at Phillips Hill and Pole 616 measured peak wind gusts of 59 mph.
High Wind	4/1/2025	South Central Mountains	63 kt	Gust	The Sierra Blanca AWOS measured peak wind gusts of 72 mph and peak sustained winds of 59 mph. A ziamet station at Nogal measured peak wind gusts of 66 mph.
High Wind	4/1/2025	Far Northeast Highlands	60 kt	Gust	The Las Vegas Municipal Airport measured peak wind gusts of 69 mph and peak sustained winds of 47 mph.
High Wind	4/1/2025	Union County	56 kt	Gust	The Amistad mesonet observed peak wind gusts of 64 mph. Additionally, peak wind gusts of 60 mph were observed at Clayton Municipal Airport.
High Wind	4/1/2025	Eastern San Miguel County	52 kt	Gust	A wunderground station near Conchas Lake observed peak wind gusts of 60 mph.
High Wind	4/1/2025	Guadalupe County	58 kt	Gust	The mesonet station southeast of Vaughn saw peak wind gusts surpassing the limits of their instrumentation of 67 mph.
High Wind	4/1/2025	Quay County	55 kt	Gust	The Tucumcari Municipal Airport observed a peak wind gust of 63 mph.
High Wind	4/1/2025	Southwest Chaves County	67 kt	Gust	A personal weather station located near the Flying H Ranch observed a peak wind gust of 77 mph. A peak wind gust of 62 mph was observed at the Dunken RAWS.
Dust Storm	4/1/2025	Chaves County Plains			Near zero visibility and brownout conditions from blowing dust closed several roads around Roswell.
Dust Storm	4/1/2025	Upper Tularosa Valley			Brownout conditions and near zero visibility from blowing dust resulted in the closure of U.S. 54 from mile marker 78, south of Tularosa, to mm 123 near Carrizozo.

Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Heavy Snow	4/4-4/5/2025	Northwest Highlands			A trained spotter at Ojo Encino measured 7 inches of snowfall. Elsewhere in the zone, a COOP and CoCoRaHS observer in Cuba measured around 6 inches of snowfall.
Heavy Snow	4/5/2025	West Central Highlands			A trained spotter in San Fidel measured 4.3 inches of snowfall. Elsewhere in the zone, a CoCoRaHS observer in Grants measured 4.2 inches of snowfall.
Heavy Snow	4/4-4/5/2025	Jemez Mountains			A CoCoRaHS observer in Gallina measured 11.3 inches of snowfall.
Heavy Snow	4/4-4/5/2025	Northern Sangre De Cristo Mountains			The SNOTEL site at Taos Pueblo observed an estimated 10 inches of snowfall.
Heavy Snow	4/4-4/5/2025	Southern Sangre De Cristo Mountains			The SNOTEL site at Wesner Springs observed an estimated 17 inches of snowfall.
Heavy Snow	4/4-4/5/2025	East Slopes Sangre De Cristo Mountains			A trained spotter between Rociada and Holman measured 18 inches of snowfall. Around a foot of snowfall was observed across other locations in the zone.
Heavy Snow	4/4-4/5/2025	Sandia/Manzano Mountains & Edgewood	12-18"		Tijeras, Edgewood, and Cedar Crest generally measured 12 to 18 inches of snowfall. Slick roads from the snow caused several multi vehicle accidents on I-40.
Heavy Snow	4/4-4/5/2025	Estancia Valley			Moriarty measured 7.9 inches of snowfall. Slick roads from the snow caused several multi vehicle accidents closing down sections of I-40 in the zone.
Heavy Snow	4/4-4/5/2025	Central Highlands			Encino measured 7.7 inches of snowfall. Slick roads from the snow caused several multi vehicle accidents closing down sections of I-40 in the zone.
Heavy Snow	4/4-4/5/2025	Johnson And Bartlett Mesas & Raton Pass			A COOP observer in Folsom measured 7 inches of snowfall. Snow and blowing snow resulted in the closure of U.S. 64/87 in the zone.
Heavy Snow	4/4-4/5/2025	Far Northeast Highlands			A trained spotter in Wagon Mound measured 10 inches of snowfall. Slick roads from snow resulted in severe driving conditions on I-25 in the zone.
Heavy Snow	4/4-4/5/2025	Northeast Highlands			A CoCoRaHS observer in San Geronimo measured 6 inches of snowfall. Elsewhere in the zone, a CoCoRaHS observer in Las Vegas measured 4 inches of snowfall.
Heavy Snow	4/4-4/5/2025	Union County			Snow and blowing snow resulted in the closure of U.S. 64/87 in the zone.
Heavy Snow	4/4-4/5/2025	Guadalupe County			A trained spotter in Cuervo measured 7 inches of snowfall. Slick roads from the snow caused several multi vehicle accidents closing down sections of I-40 in the zone.
Heavy Snow	4/5-4/6/2025	Curry County			A CoCoRaHS observer in Clovis measured 4 inches of snowfall.
Heavy Snow	4/19/2025	Sandia/Manzano Mountains & Edgewood			CoCoRaHS observers in the zone generally measured between 6 to 10 inches of snowfall.
Heavy Snow	4/19-04/20/2025	Central Highlands			Bowlins Flying C Ranch Gas Station observed between 8.5 to 9 inches of snowfall. I-40 was closed from Clines Corners to Moriarty with many vehicle accidents.
High Wind	4/17/2025	West Central Highlands	56 kt	Gust	The NM DOT station on I-40 at State Road 6 measured a peak wind gust of 65 mph.
High Wind	4/17/2025	Southwest Mountains	70 kt	Gust	The weather station at Magdelena Ridge Observatory measured estimated peak wind gusts of 81 mph.
High Wind	4/17/2025	Glorieta Mesa Including Glorieta Pass	52 kt	Gust	A public weather station on the western outskirts of Santa Fe measured a peak wind gust of 60 mph.
High Wind	4/17/2025	Northern Sangre De Cristo Mountains	54 kt	Gust	The weather station at Kachina Peak in Taos Ski Valley observed a peak wind gust of 62 mph.
High Wind	4/17/2025	East Slange Sangra Do Cristo Mountains	5.4 kt	Guet	A wunderground station near Holman measured neak wind guets of 62 mph

Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
High Wind	4/17/2025	Middle Rio Grande Valley/Abq Metro Area	55 kt	Gust	The Albuquerque Sunport observed a peak wind gust of 63 mph.
High Wind	4/17/2025	Lower Rio Grande Valley	56 kt	Gust	Several White Sands Missile Range mesonet station observed high wind gusts with a peak wind gust of 64 mph at the Stallion WIT Site.
High Wind	4/17/2025	Sandia/Manzano Mountains & Edgewood	58 kt	Gust	A wunderground station in the zone observed peak wind gusts of 67 mph.
High Wind	4/17/2025	Estancia Valley	53 kt	Gust	Two public weather stations near Estancia measured peak wind gusts of 61 and 60 mph, respectively.
High Wind	4/17/2025	Central Highlands	57 kt	Gust	The Clines Corners ASOS measured peak wind gusts of 66 mph and peak sustained winds of 45 mph.
High Wind	4/17/2025	South Central Highlands	64 kt	Gust	The Little Burro mesonet on White Sands Missile Range measured peak wind gusts of 74 mph.
High Wind	4/17/2025	Upper Tularosa Valley	57 kt	Gust	White Sands Missile Range at Pole 616 observed peak wind gusts of 66 mph. Oscura Range Camp observed peak wind gusts of 62 mph.
High Wind	4/17/2025	South Central Mountains	58 kt	Gust	Nogal saw peak wind gusts surpassing the limits of their instrumentation of 67 mph. The Sierra Blanca AWOS measured peak wind gusts of 67 mph.
High Wind	4/17/2025	Far Northeast Highlands	63 kt	Gust	The Raton Crews Regional Airport measured peak wind gusts of 73 mph and peak sustained winds of 47 mph.
High Wind	4/17/2025	Northeast Highlands	69 kt	Gust	The Las Vegas Municipal Airport measured peak wind gusts of 79 mph and peak sustained winds of 53 mph.
High Wind	4/17/2025	Harding County	36 kt	Gust	A wunderground station at Tequesquite Ranch measured peak sustained winds of 42 mph.
High Wind	4/17/2025	Guadalupe County	58 kt	Gust	Vaughn saw peak wind gusts surpassing the limits of their instrumentation of 67 mph. A peak wind gust of 60 mph was observed at the Santa Rosa Airport.
High Wind	4/17/2025	Quay County	53 kt	Gust	The Tucumcari Regional Airport measured peak wind gusts of 61 mph and peak sustained winds of 45 mph.
High Wind	4/17/2025	Chaves County Plains	56 kt	Gust	The Roswell Air Center measured a peak wind gust of 64 mph.
High Wind	4/17/2025	Southwest Chaves County	50 kt	Gust	The Dunken RAWS measured a peak wind gust of 58 mph and peak sustained winds of 40 mph.
Wildfire	4/17-4/19/2025	Middle Rio Grande Valley/Abq Metro Area			A fire jumped the Rio Grande River and into Bosque Farms just south of the Valencia and Bernalillo County line. Major damage to three homes with two destroyed.
Wildfire	4/27-4/29/2025	Lower Rio Grande Valley			The Otero Wildfire just east of Socorro in the bosque along the Rio Grande River. As of April 29th, it had burned 405 acres, threatening no structures.
Wildfire	4/27-4/28/2025	West Central Highlands			The Balsam Wildfire burned 3 to 5 acres near Grants. Unfortunately 7 structures were impacted with 2 firemen injured.
High Wind	4/27/2025	Northern Sangre De Cristo Mountains	70 kt	Gust	A weather station at Kachina Peak in Taos Ski Valley measured peak wind gusts of 81 mph.
High Wind	4/27/2025	Middle Rio Grande Valley/Abq Metro Area	51 kt	Gust	A public weather station at Placitas measured a 59 mph wind gust. Additionally, a public weather station 8 miles southwest of Cedro measured a 58 mph wind gust.
High Wind	4/27/2025	Lower Rio Grande Valley	52 kt	Gust	White Sands Missile Range measured peak wind gusts of 60 mph. Additionally, the Sevilleta RAWS measured a 59 mph wind gust.
High Wind	4/27/2025	Estancia Valley	51 kt	Gust	A public weather station in Estancia measured a 59 mph wind gust.
High Wind	4/27/2025	Central Highlands	54 kt	Gust	The Clines Corners ASOS measured a peak wind gust of 62 mph.

Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
High Wind	4/27/2025	South Central Highlands	55 kt	Gust	The Little Burro mesonet on White Sands Missile Range measured a peak wind gust of 63 mph.
High Wind	4/27/2025	South Central Mountains	68 kt	Gust	Sierra Blanca Regional Airport measured peak wind gusts of 78 mph and peak sustained winds of 56 mph. Nogal measured a 59 mph wind gust.
High Wind	4/27/2025	Johnson And Bartlett Mesas & Raton Pass	52 kt	Gust	The NM DOT station on I-25 at Raton Pass measured peak wind gusts of 60 mph.
High Wind	4/27/2025	Far Northeast Highlands	54 kt	Gust	Raton Crews Municipal Airport measured a peak wind gust of 62 mph.
High Wind	4/27/2025	Chaves County Plains	59 kt	Gust	The Roswell Air Center measured a peak wind gust of 68 mph.
High Wind	4/27/2025	Southwest Chaves County	53 kt	Gust	The Dunken RAWS measured a peak wind gust of 61 mph.
Dust Storm	4/27/2025	Chaves County Plains			Near zero visibility from blowing dust resulted in the closure of the Roswell Relief Route and State Highway 2.
High Wind	4/28/2025	Chaves County Plains	50 kt	Gust	The Roswell Air Center measured a 58 mph wind gust.
Dust Storm	4/28/2025	Chaves County Plains			Near zero visibility from blowing dust resulted in the closure of State Highway 2 from mile marker 17, Hagerman to mile marker 21, 1 mile north of Greenfield.
Hail	4/25/2025	Quay County	1"		A trained spotter 1 mile southwest of Wheatland observed quarter size hail from a severe thunderstorm.
Hail	4/25/2025	Curry County	2.75"		A severe thunderstorm produced baseball size hail 3 miles north of Broadview. The hail blew out the windows of the observers truck and house.
Hail	4/25/2025	Roosevelt County	1.5"		A severe thunderstorm produced 1.5 inch hail 9 miles south southwest of Lingo.
Flash Flood	4/25/2025	Curry County			State Highway 275 at mile marker 6 was closed due to flooding and standing water on the roadway.
Hail	4/26/2025	De Baca County	1"		A trained spotter in Fort Sumner reported quarter size hail from a severe thunderstorm.
Flash Flood	4/26/2025	De Baca County			Flooding reported in Fort Sumner with crop damage from flooded fields, residential road closures, and damage due to water over roads, and irrigation ditches.
Hail	4/26/2025	De Baca County	1"		A COOP observer 2 mile south of Yeso observed quarter size hail from a severe thunderstorm.
Hail	4/26/2025	De Baca County	1.5"		A COOP observer 7 miles east northeast of Yeso observed 1.5 inch hail from a severe thunderstorm.
Hail	4/26/2025	San Miguel	2"		A trained spotter 9 miles southeast of Variadero observed 2 inch hail from a severe thunderstorm.
Tornado	4/26/2025	De Baca County			Photos from two chasers on social media indicate a tornado on the ground approximately 11 miles south of Fort Sumner.
Tornado	4/26/2025	Chaves County			Several storm chasers on U.S. Highway 70 and dirt roads around Acme observed up to 3 brief tornado touchdowns.
Hail	4/26/2025	Chaves County	2.5"		A storm chaser along U.S Highway 70 just southwest of Acme observed tennis ball size hail from a tornadic producing supercell.
Hail	4/26/2025	Guadalupe	1"		A trained spotter along U.S. Highway 845 miles east of Puerto De Luna observed quarter sized hail from a severe thunderstorm.
Flash Flood	4/26-4/27/2025	De Baca County			Heavy rainfall from severe thunderstorms resulted in 2.5 feet of water flowing over State Highway 20 from mile marker 37 to 41 leading to the closure of the highway.

- NCEI Climatological Rankings: https://www.ncdc.noaa.gov/cag/national/rankings
- PRISM Climate Data: http://www.prism.oregonstate.edu/
- NWS Local Climate Pages: https://w2.weather.gov/climate/index.php?wfo=abq
- NCEI Storm Data: https://www.ncdc.noaa.gov/stormevents/
- Questions?: sr-abq.webmaster@noaa.gov
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