Synopsis

May 2023 was a very active weather month. The beginning of May was dominated by critical fire weather and only isolated afternoon storms. The pattern changed around the middle of the month when more moisture arrived and precipitation became more widespread. The last couple weeks of the month were full of severe weather and flash flooding, particularly in eastern NM. Hail as large as 3" was reported along with several tornadoes. Severe to extreme drought conditions in eastern NM had significant improvement after rounds of storms generated flash flooding in locations like Clovis and Tucumcari. The unusually wet pattern became known as "Maysoon".



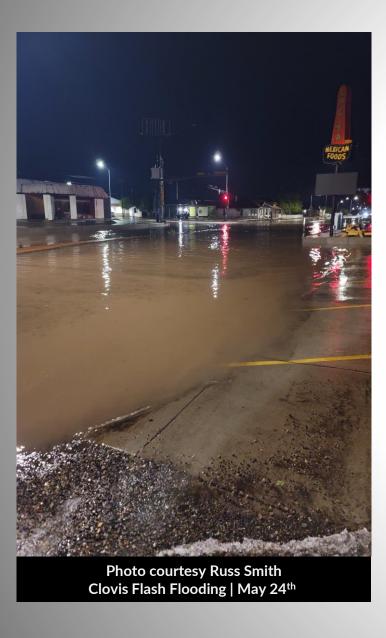










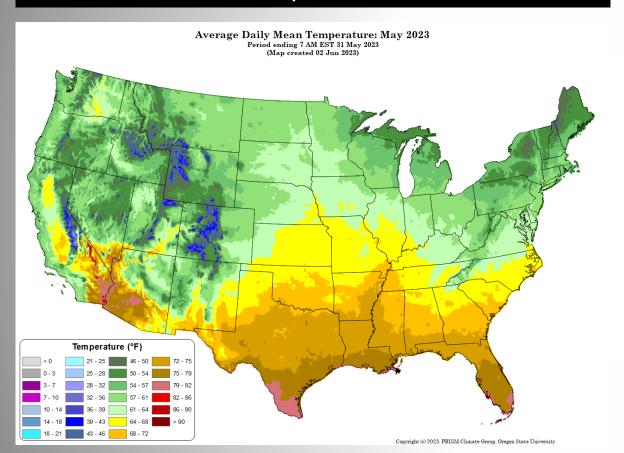




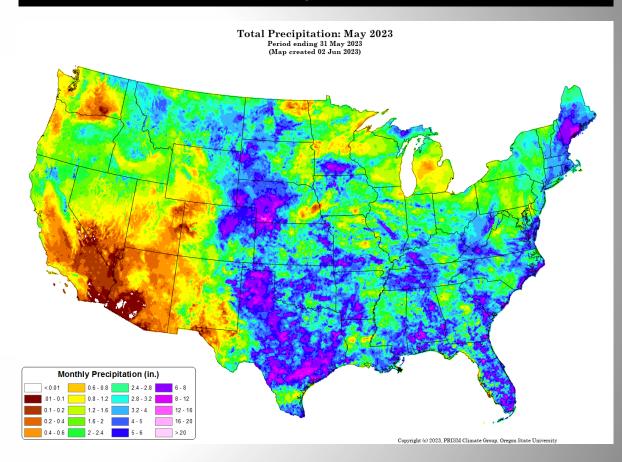




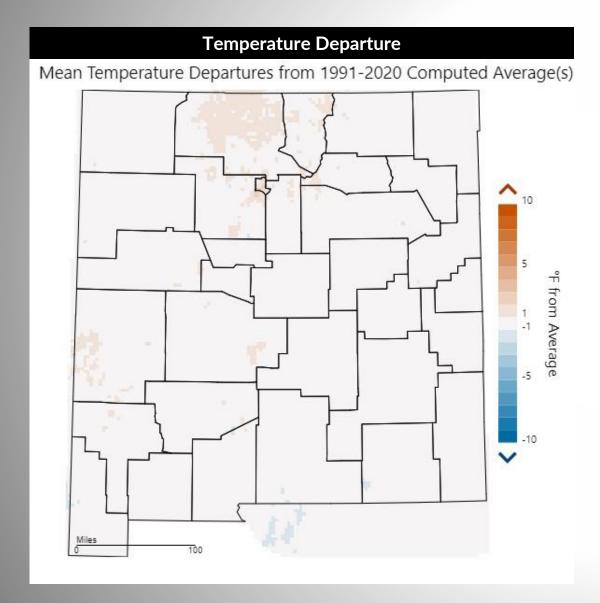
Temperatures

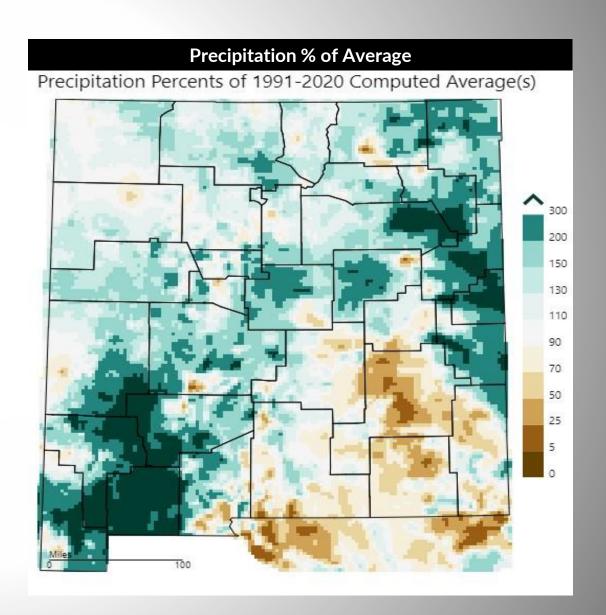


Precipitation

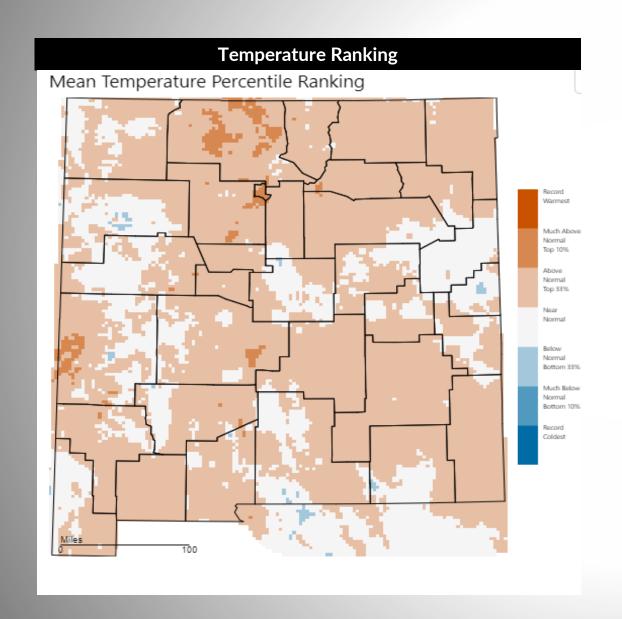


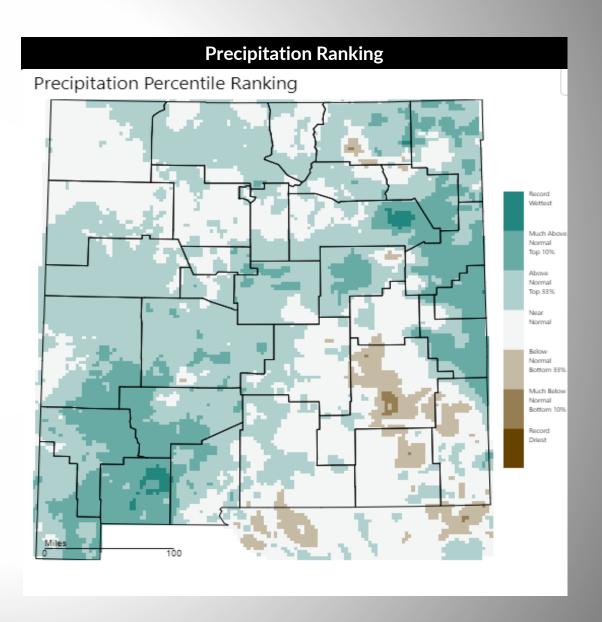










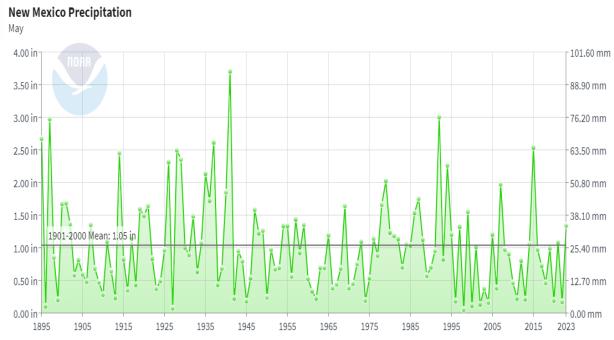




Temperature

New Mexico Average Temperature May -20.0°C 66.0°F 64.0°F 62.0°F 1901-2000 Mean: 60.2°F 15.6°C 58.0°F -14.4°C -13.3°C 56.0°F 54.0°F 1915 2015 1895 1925 2005 2023

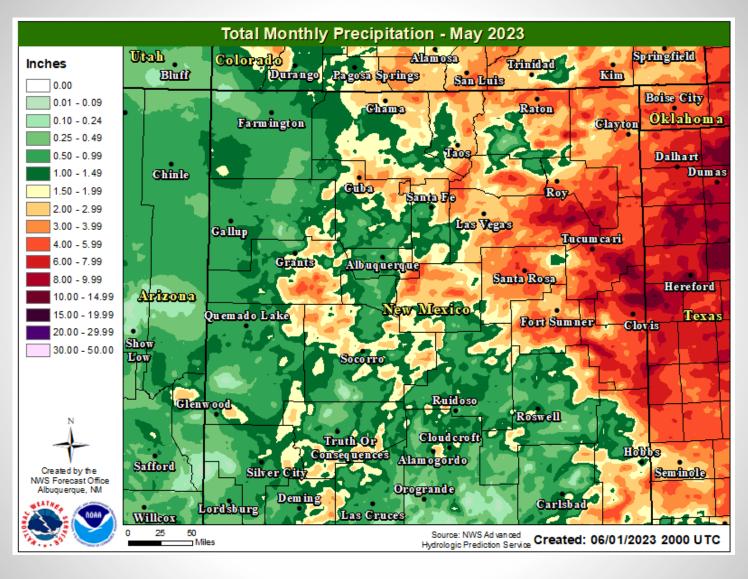
Precipitation



The May 2023 average statewide temperature was 62.1°, which was 1.9° above the long-term normal of 60.2° (1901-2000). This ranked as the 25th warmest May on record (1895-2023).

The May 2023 average statewide precipitation was 1.35", which was 0.30" above the long-term normal of 1.05" (1901-2000). This ranked as the 31st wettest May on record (1895-2023).

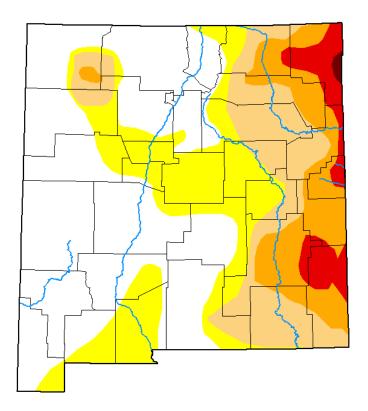




The heaviest rain fell in the eastern plains where over 5" fell in a few places. Rainfall totals in excess of 1" were widespread.

EATHER STATES

U.S. Drought Monitor
New Mexico



May 2, 2023 (Released Thursday, May. 4, 2023) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	46.60	53.40	32.10	16.18	4.99	0.21
Last Week 04-25-2023	46.63	53.37	32.14	16.19	4. 18	0.21
3 Month s Ago 01-31-2023	17.92	82.08	47.31	18.37	3.78	0.19
Start of Calendar Year 01-03-2023	7.03	92.97	41.30	18.55	3.74	0.19
Start of Water Year 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
One Year Ago 05-03-2022	0.00	100.00	98.94	95.79	79.05	24.64

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: Brad Pugh CPC/NOAA

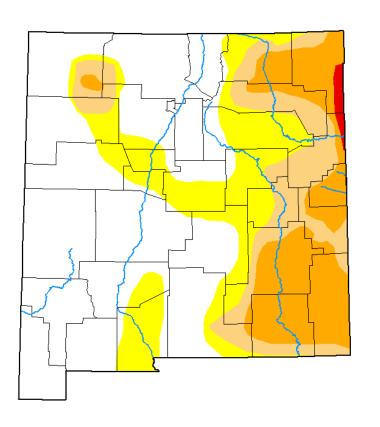
USDA





droughtmonitor.unl.edu

U.S. Drought Monitor
New Mexico



May 30, 2023

(Released Thursday, Jun. 1, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	51.73	48.27	28.82	16.18	0.60	0.00
Last Week 05-23-2023	51.74	48.26	32.32	18.89	3.00	0.00
3 Month s Ago 02-28-2023	25.96	74.04	44.75	16.46	3.82	0.19
Start of Calendar Year 01-03-2023	7.03	92.97	41.30	18.55	3.74	0.19
Start of Water Year 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
One Year Ago 05-31-2022	0.00	100.00	99.26	97.20	90.06	45.84

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: Richard Heim

NCEI/NOAA





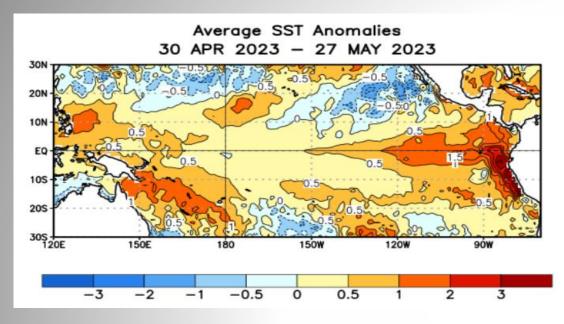


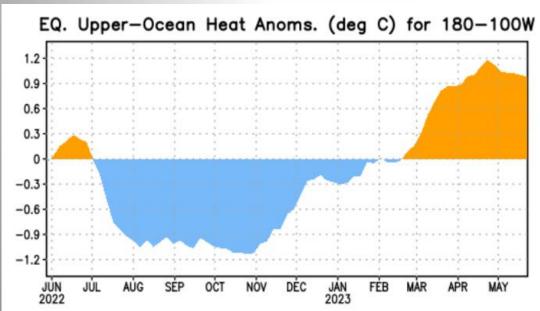


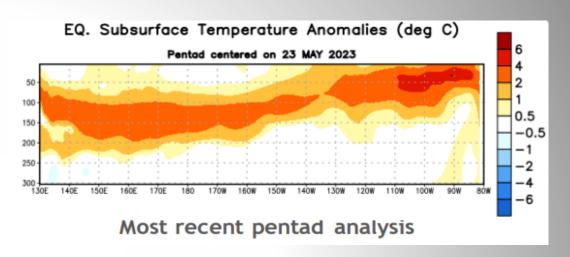
droughtmonitor.unl.edu

Drought conditions improved in eastern NM thanks to rounds of showers and storms. Exceptional drought was completely removed from the state and the severe drought was trimmed back as well.









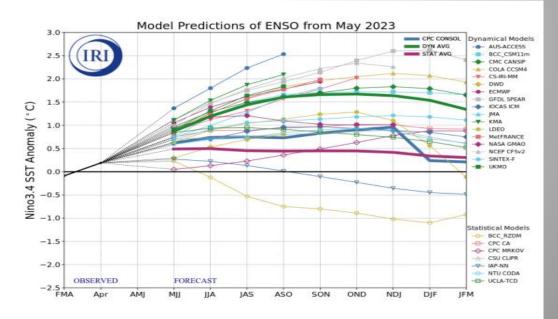
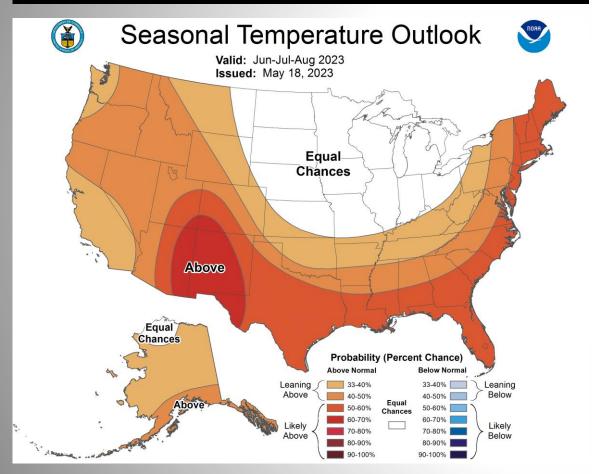


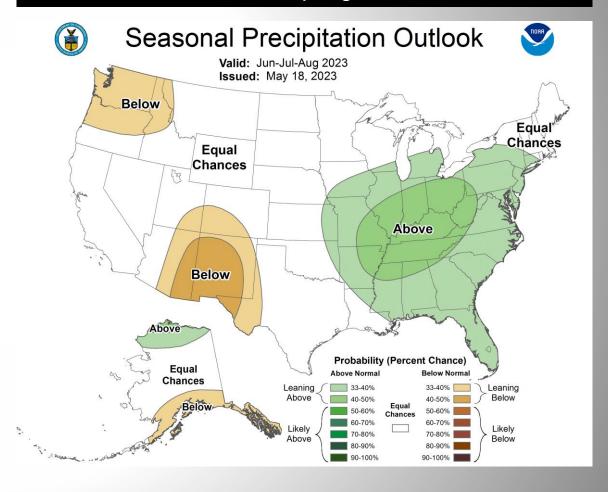
Figure provided by the International Research Institute (IRI) for Climate and Society (updated 19 May 2023).





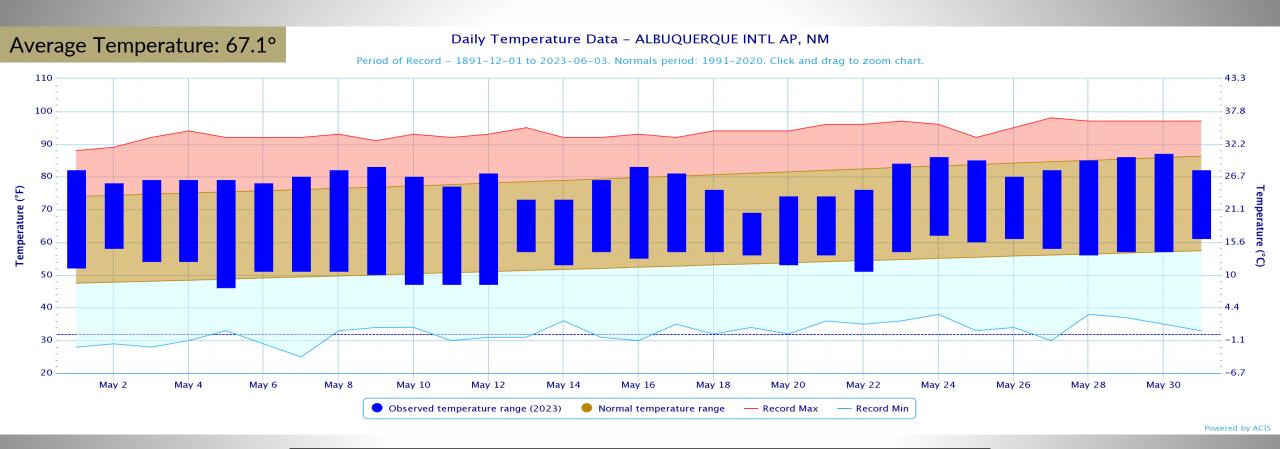


Precipitation June-July-August



Albuquerque Sunport Temperatures

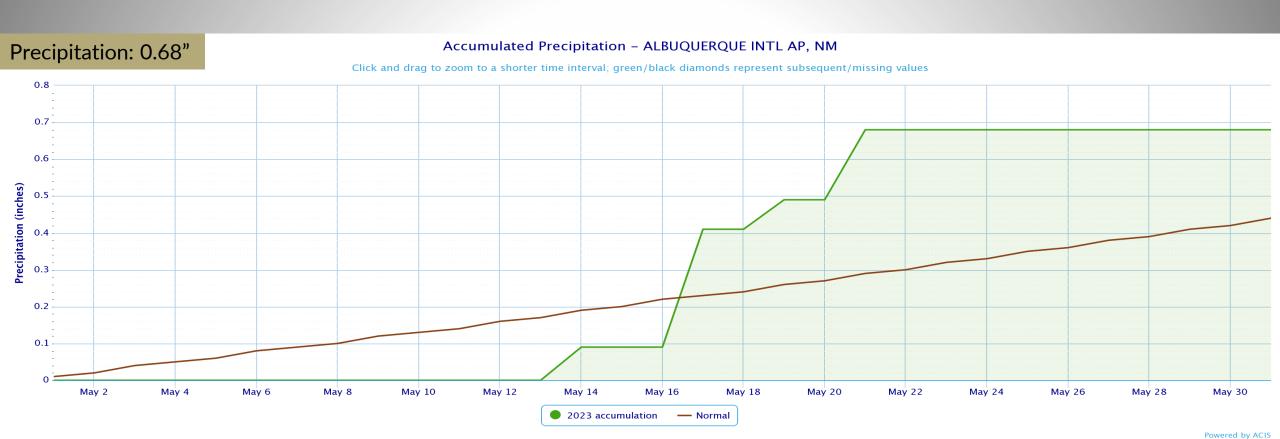




The May 2023 average temperature for Albuquerque was 67.1°, which was 1.0° above the normal of 66.1°. The average maximum temperature for the month was 79.8°. This was 0.1° below the normal average maximum temperature of 79.9°. The average minimum temperature for the month was 54.5°. This was 2.1° above the normal average minimum temperature of 52.4°. This ranked as the 55th warmest May on record.

Albuquerque Sunport Precipitation



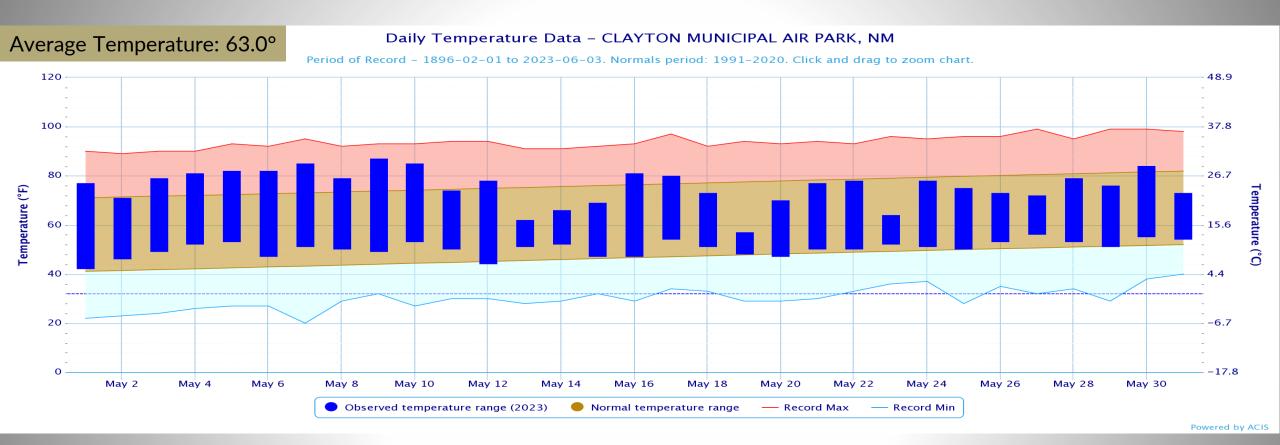


The May 2023 precipitation for Albuquerque was 0.68", which was 0.24" above the normal of 0.44". This ranked as the 36th wettest May on record.

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

Clayton Temperatures

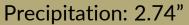




The May 2023 average temperature for Clayton was 63.0°, which was 1.5° above the normal of 61.5°. The average maximum temperature for the month was 75.7°. This was 0.7° below the normal average maximum temperature of 76.4°. The average minimum temperature for the month was 50.3°. This was 3.7° above the normal average minimum temperature of 46.6°. This ranked as the 46th warmest May on record.

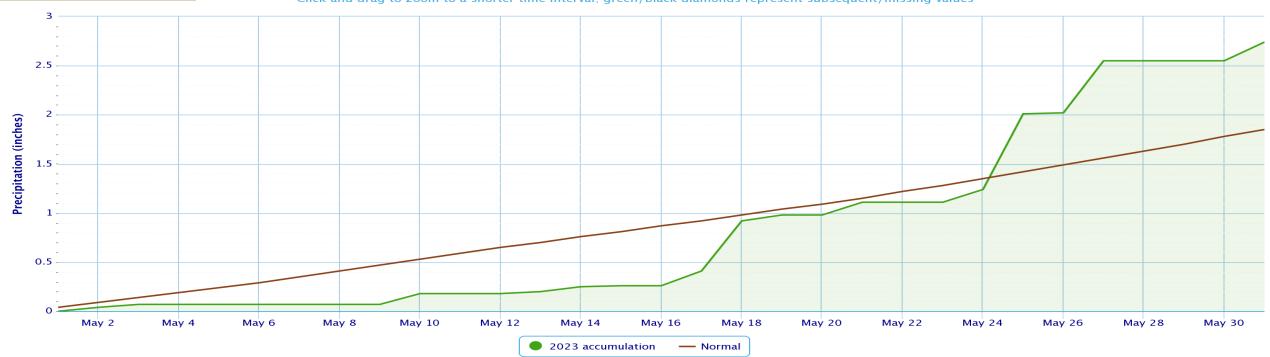
Clayton Precipitation





Accumulated Precipitation - CLAYTON MUNICIPAL AIR PARK, NM

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



Powered by ACIS

The May 2023 precipitation for Clayton was 2.74", which was 0.89" above the normal of 1.85". This ranked as the 34th wettest May on record.

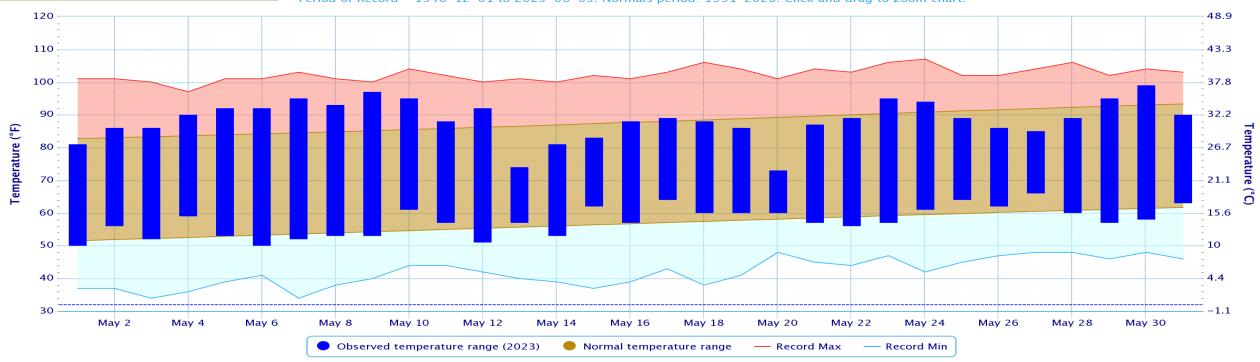
There was 0.0" of snow, compared to the normal of 0.5".





Daily Temperature Data - ROSWELL INDUSTRIAL AIR PARK, NM

Period of Record - 1946-12-01 to 2023-06-03. Normals period: 1991-2020. Click and drag to zoom chart.

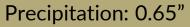


Powered by ACIS

The May 2023 average temperature for Roswell was 73.0°, which was 0.7° above the normal of 72.3°. The average maximum temperature for the month was 88.6°. This was 0.8° above the average maximum temperature of 87.8°. The average minimum temperature for the month was 57.5°. This was 0.8° above the normal average minimum temperature of 56.7°. This ranked as the 14th warmest May on record.

Roswell Precipitation





Accumulated Precipitation - ROSWELL INDUSTRIAL AIR PARK, NM

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



Powered by ACIS

The May 2023 precipitation for Roswell was 0.65", which was 0.49" below the normal of 1.14". This ranked as the 33rd driest May on record.

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

Severe Weather*



Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
Hail	5/3/2023	Roosevelt	0.75"	Penny	2 SSW Portales.
High Wind	5/10/2023	Santa Fe Metro Area	52 kt	Gust	The Santa Fe Airport ASOS measured a peak wind gust of 60 mph.
High Wind	5/10/2023	Middle RGV/ABQ Metro	50 kt	Gust	The Albuquerque Airport ASOS measured a peak wind gust of 58 mph.
High Wind	5/10/2023	Estancia Valley	54 kt	Gust	A public weather station measured a peak wind gust of 62 mph.
High Wind	5/10/2023	Central Highlands	50 kt	Gust	The Clines Corners ASOS measured a peak wind gust of 58 mph.
High Wind	5/10/2023	Central Highlands	55 kt	Gust	The Clines Corners ASOS measured a peak wind gust of 63 mph.
High Wind	5/10/2023	Northeast Highlands	51 kt	Gust	The Las Vegas Airport ASOS measured a peak wind gust of 59 mph.
High Wind	5/10/2023	Guadalupe County	62 kt	Gust	A mesonet station southwest of Vaughn measured a peak gust of 71 mph.
High Wind	5/10/2023	Guadalupe County	53 kt	Gust	A mesonet station in western Guadalupe County measured a peak gust of 61 mph.
Hail	5/10/2023	Quay	0.88"	Nickel	near San Jon. Damage reported to trees.
Hail	5/10/2023	Curry	0.75"	Penny	A trained spotter reported penny size hail just southwest of Clovis.
Hail	5/10/2023	Curry	1"	Quarter	5 ESE Cannon AFB.
Thunderstorm Wind	5/10/2023	Colfax	59 kt	Gust	The Raton Airport ASOS measured a peak wind gust of 68 mph from a thunderstorm gust.
Thunderstorm Wind	5/10/2023	Union	53 kt	Gust	A public weather station near Des Moines, NM measured a peak thunderstorm wind gust of 61 mph.
Thunderstorm Wind	5/10/2023	Quay	53 kt	Gust	The Tucumcari Airport ASOS measured a peak thunderstorm wind gust of 61 mph.
Thunderstorm Wind	5/10/2023	Union	62 kt	Gust	The Clayton Municipal Airpark ASOS measured a thunderstorm wind gust of 71 mph.
Thunderstorm Wind	5/10/2023	Union	52 kt	Gust	A mesonet station near Sedan, NM measured a peak thunderstorm wind gust of 60 mph.
Thunderstorm Wind	5/10/2023	Union	62 kt	Gust	The Clayton Municipal Airpark measured a second peak thunderstorm wind gust of 71 mph.
Flood	5/2-5/10/2023	Rio Arriba			Rapid snow melt produced flooding along Rio Ojo Caliente and Rio Chama. Ten homes flooded.
Wildfire	5/10-5/15/2023	E Slopes Sangre de Cristo Mts		978 acres	near Sapello. The fire caused mandatory evacuations and burned several structures.
High Wind	5/12-5/13/2023	Middle RGV/ABQ Metro	53 kt	Gust	The Sunport measured a peak wind gust of 61 mph. These winds downed a tree in the Northeast Heights.
Tornado	5/13/2023	Mckinley			Brief landspout tornado near Gallup. It caused no damage.
Flash Flood	5/18/2023	Mora			near Guadalupita along SR-434.
Funnel Cloud	5/19/2023	Sandoval			Cold air funnel just south of the Ojito Wildnerness.
Thunderstorm Wind	5/19/2023	Chaves	54 kt	Gust	Thunderstorm wind gust to 62 mph reported near Lake Arthur.
Hail	5/19/2023	Chaves	1.75"	Golf Ball	A trained spotter reported nickel to golf ball size hail.
Flash Flood	5/20/2023	San Juan			Flash flooding around Farmington with numerous streets underwater.

^{*}Storm reports are considered preliminary until a final review is certified in the NWS Storm Data publication. Certified data is available three to four months post-event at: https://www.ncdc.noaa.gov/stormevents/

Severe Weather*



Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
Hail	5/20/2023	Socorro	1"	Quarter	Socorro.
Hail	5/21/2023	Bernalillo	1"	Quarter	Rio Grande Nature Center in Albuquerque.
Hail	5/21/2023	Bernalillo	0.75"	Penny	Rio Grande Nature Center.
Hail	5/23/2023	Curry	1"	Quarter	5 N Pleasant Hill.
Hail	5/23/2023	Harding	0.75"	Penny	7 N Ute Lake State Park.
Hail	5/23/2023	Curry	2"	Hen Egg	9 NW Pleasant Hill.
Hail	5/23/2023	Harding	0.75"	Penny	6 N Ute Lake State Park.
Hail	5/23/2023	Curry	1"	Quarter	1 S Broadview.
Hail	5/23/2023	Curry	1.75"	Golf Ball	2 E Grady.
Hail	5/23/2023	Curry	1"	Quarter	1 WSW Pleasant Hill.
Hail	5/23/2023	Curry	1.25"	Half Dollar	2 NE Pleasant Hill.
Hail	5/23/2023	Curry	1.75"	Golf Ball	Broadview.
Hail	5/23/2023	Quay	1.25"	Half Dollar	12 N Texico.
Tornado	5/23/2023	Curry			Landspout near CR-6, Curry Road B, and CR-5. There was no damage reported.
Hail	5/23/2023	Curry	0.88"	Nickel	9 NE Ranchvale, NM.
Hail	5/24/2023	Roosevelt	1.75"	Golf Ball	Rogers.
Hail	5/24/2023	Union	0.88"	Nickel	10 NE Folsom.
Hail	5/24/2023	Union	1.25"	Half Dollar	Four to six inches of hail accumulation with drifts of three to four feet.
Hail	5/24/2023	Union	1.75"	Golf Ball	Hail damage to cars and downed tree limbs.
Hail	5/24/2023	Union	1.5"	Ping Pong	4 SSW Amistad.
Thunderstorm Wind	5/24/2023	Quay	66 kt	Gust	Tucumcari Airport measured a peak thunderstorm wind gust of 76 mph.
Hail	5/24/2023	Quay	2"	Hen Egg	San Jon.
Thunderstorm Wind	5/24/2023	Quay	61 kt	Gust	Multiple semi rollovers were reported along I-40.
Hail	5/24/2023	Union	1.75"	Golf Ball	Hail damage to skylights was also reported 13 NW Sedan.
Thunderstorm Wind	5/24/2023	Quay	61 kt	Gust	near San Jon.
Hail	5/24/2023	Quay	2"	Hen Egg	4 SE San Jon.
Hail	5/24/2023	Curry	2"	Hen Egg	2 W Broadview.
Thunderstorm Wind	5/24/2023	Curry	80 kt	Gust	92 mph wind gust in Grady with damage to church.

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May 2023

Severe Weather*



Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
Tornado	5/24/2023	Curry			around Grady. Some damage reported.
Thunderstorm Wind	5/24/2023	Curry	73 kt	Gust	A storm chaser measured an 84 mph thunderstorm wind gust 11 NW Pleasant Hill.
Hail	5/24/2023	Curry	1.75"	Golf Ball	near Ranchvale and Clovis.
Hail	5/24/2023	Curry	1"	Quarter	6 N Clovis.
Hail	5/24/2023	Curry	2"	Hen Egg	6 N Clovis.
Hail	5/24/2023	Curry	2"	Hen Egg	2 NE Clovis Airport.
Hail	5/24/2023	Curry	1.75"	Golf Ball	5 SW Texico.
Flash Flood	5/24/2023	Curry			Multiple roads flooded and impassable around Clovis.
Hail	5/24/2023	Roosevelt	2.5"	Tennis Ball	near Causey. Damage reported.
Thunderstorm Wind	5/24/2023	Curry	72 kt	Gust	Roof and tree damage reported around Clovis with wind gusts to around 83 mph.
Thunderstorm Wind	5/24/2023	Curry	61 kt	Gust	Roof damage, power lines down, tree damage reported around southern Curry County.
Thunderstorm Wind	5/24/2023	Curry	52 kt	Gust	There was a public report of tree limbs down.
Hail	5/24/2023	Roosevelt	1.75"	Golf Ball	near Portales to Rogers, NM.
Tornado	5/24/2023	Curry			Brief tornado near the Quay and Curry County line. No damage was reported.
Hail	5/24/2023	Quay	1"	Quarter	5 NNW Glenrio.
Hail	5/24/2023	Curry	0.75"	Penny	5 S Broadview.
Thunderstorm Wind	5/24/2023	Curry	52 kt	Gust	A storm chaser reported a sign having been blown down.
Thunderstorm Wind	5/24/2023	Curry	61 kt	Gust	There was a public report of 1 inch tree limbs down.
Hail	5/25/2023	Mora	0.75"	Penny	Wagon Mound.
Hail	5/25/2023	Colfax	1"	Quarter	Vermejo Park.
Hail	5/25/2023	Harding	1.75"	Golf Ball	22 SSW Rosebud.
Hail	5/25/2023	Quay	1"	Quarter	4 N Tucumcari.
Hail	5/25/2023	Harding	1"	Quarter	28 S Rosebud.
Hail	5/25/2023	Quay	3.5"	Orange	East-northeast of Tucumcari along U.S. Highway 54.
Thunderstorm Wind	5/25/2023	Quay	53 kt	Gust	The Tucumcari Airport measured a thunderstorm wind gust of 61 mph.
Hail	5/25/2023	Quay	1"	Quarter	1 WSW Tucumcari Airport.
Thunderstorm Wind	5/25/2023	Quay	71 kt	Gust	Thunderstorm wind gust to 82 mph measured by a storm chaser along U.S. 278.
Thunderstorm Wind	5/25/2023	Quay	71 kt	Gust	Downed tree limbs and roof damage 6 S Tucumcari Airport.

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Severe Weather*



Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
Hail	5/25/2023	Quay	1"	Quarter	1 SE Tucumcari.
Hail	5/25/2023	Quay	1.75"	Golf Ball	1 E Tucumcari.
Flash Flood	5/25/2023	Quay			Significant flooding of streets and businesses around Tucumcari.
Hail	5/25/2023	Quay	2"	Hen Egg	9 S San Jon.
Hail	5/25/2023	Quay	1.75"	Golf Ball	15 ENE Forrest.
Thunderstorm Wind	5/26/2023	Curry	51 kt	Gust	Storm chaser measured a thunderstorm wind gust of 59 mph 5 S Broadview.
Hail	5/26/2023	Guadalupe	1"	Quarter	1 ENE Santa Rosa.
Thunderstorm Wind	5/26/2023	Curry	56 kt	Gust	A mesonet station in Clovis measured a thunderstorm wind gust of 64 mph.
Flash Flood	5/26/2023	Curry			Roadways are impassable due to flood waters along County Road L in Clovis.
Flash Flood	5/26/2023	Quay			NM-93 flooded south of I-40 to Endee.
Hail	5/26/2023	Bernalillo	1"	Quarter	3 E Escabosa.
Hail	5/26/2023	Torrance	1"	Quarter	6 WSW Moriarty.
Hail	5/26/2023	Torrance	1.5"	Ping Pong	There was a CoCoRaHS report of 1.5 inch hail that caused unknown minor damage.
Hail	5/26/2023	Torrance	1.5"	Ping Pong	9 WNW Encino.
Hail	5/26/2023	Torrance	2.7"	Baseball	6 WNW Encino.
Hail	5/26/2023	Curry	1"	Quarter	2 NW Ranchvale.
Hail	5/26/2023	Curry	1"	Quarter	4 SSE Field.
Tornado	5/26/2023	Torrance			Rope tornado just south of Encino, NM. No damage was reported.
Hail	5/26/2023	Curry	1.75"	Golf Ball	8 ENE Ranchvale.
Flash Flood	5/26/2023	Curry			Multiple roads flooded and impassable north of Melrose to north of Clovis.

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May 2023

Severe Weather*



Event Type	Date	County/Zone Name	Magnitude	Туре	Event Narrative
Hail	5/26/2023	Curry	1.5"	Ping Pong	Several hail reports across central Curry County.
Hail	5/26/2023	Torrance	1"	Quarter	8 W Encino.
Hail	5/26/2023	Torrance	3.5"	Orange	6 WNW Encino with broken windshields.
Hail	5/26/2023	Torrance	1.25"	Half Dollar	3 S Encino.
Hail	5/26/2023	Curry	1.5"	Ping Pong	9 NE Ranchvale.
Hail	5/26/2023	Torrance	1.75"	Golf Ball	near Encino.
Flash Flood	5/26/2023	Roosevelt			Portions of NM-330 north of Elida and U.S. 70 flooded.
Hail	5/26/2023	Roosevelt	2.25"	Pool Ball	1 ENE Elida.
Hail	5/26/2023	Quay	2"	Hen Egg	4 NNW Ragland.
Hail	5/26/2023	Roosevelt	0.75"	Penny	7 SSE Pep.
Flash Flood	5/27/2023	Curry			NM-108 near Pleasant Hill closed due to flooding.
Hail	5/27/2023	Chaves	1"	Quarter	near Borrest.
Hail	5/27/2023	De Baca	1.75"	Golf Ball	5 N Sumner Lake State Park.
Hail	5/27/2023	Colfax	1"	Quarter	Quarter size hail lasted a few minutes and completely covered the ground.
Hail	5/30/2023	Curry	1"	Quarter	near Forrest.
Hail	5/31/2023	Chaves	1.25"	Half Dollar	Dexter.
Hail	5/31/2023	Chaves	1"	Quarter	Roswell.
Hail	5/31/2023	Chaves	1"	Quarter	Midway.
Hail	5/31/2023	Torrance	1"	Quarter	near Encino.
Tornado	5/31/2023	Lincoln			near Lon, NM along NM-247. No damage.
Hail	5/31/2023	De Baca	1"	Quarter	5 S Fort Sumner.
Hail	5/31/2023	Bernalillo	1"	Quarter	3 E Escabosa.
Flash Flood	5/31/2023	De Baca			Fast moving water crossing NM-252 near Taiban. No damages were reported.
Flash Flood	5/31/2023	Curry			NM-278 closed from flooding due to heavy rain.
Tornado	5/31/2023	Guadalupe			near Vaughn.
Hail	5/31/2023	Chaves	1.5"	Ping Pong	16 WNW Acme.
Hail	5/31/2023	Roosevelt	1"	Quarter	5 E Elida.
Thunderstorm Wind	5/31/2023	Bernalillo	50 kt	Gust	Canyon winds gusted to 58 mph at the Albuquerque Sunport.
Hail	5/31/2023	Roosevelt	1.25"	Half Dollar	5 E Elida.
Hail	5/31/2023	Torrance	0.75"	Penny	NM-108 near Moriarty Arpt closed due to flooding. al review is certified in the NWS Storm Data publication.

Storm reports are considered preliminary until a final review is certified in the NWS Storm Data publication

Certified data is available three to four months post-event at: https://www.ncdc.noaa.gov/stormevents/



- 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
- MWS Albuquerque Facebook
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