



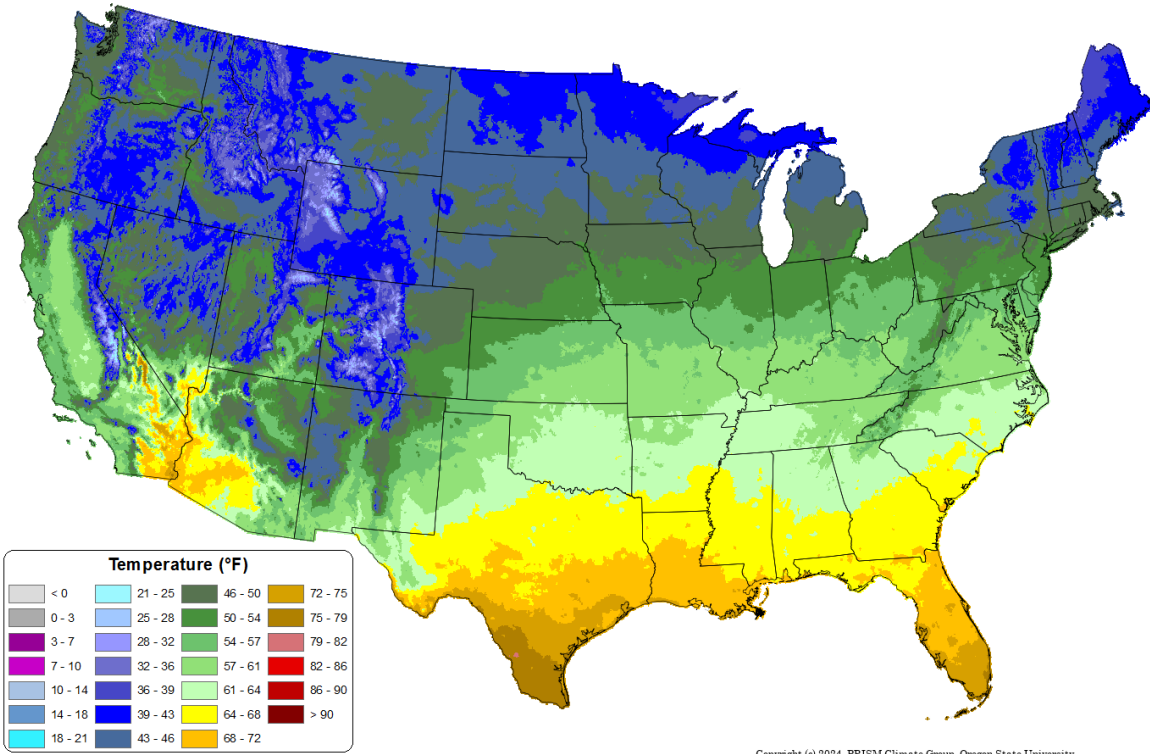
April 2024 was dry for the vast majority of the area. The exception was along the Caprock where a few storms brought moderate to locally heavy rainfall. There was one notable snowfall event in the Sangre de Cristo Mountains that brought around a foot of fresh snow to Taos Ski Valley early in the month. Temperatures were above normal across the north while near to slightly below normal temperatures prevailed across the south and west. April was primarily dominated by several bouts of strong winds and critical fire weather. Wind gusts between 60 and 70 mph were reported on several days. Strong winds and very dry conditions around Roswell resulted in several more blowing dust events on the southwest side of town including points south toward Hagerman.



April 1, 2024 | Highway 285 West of Hagerman, NM
Dust Storm - Photo courtesy Jim Tucker

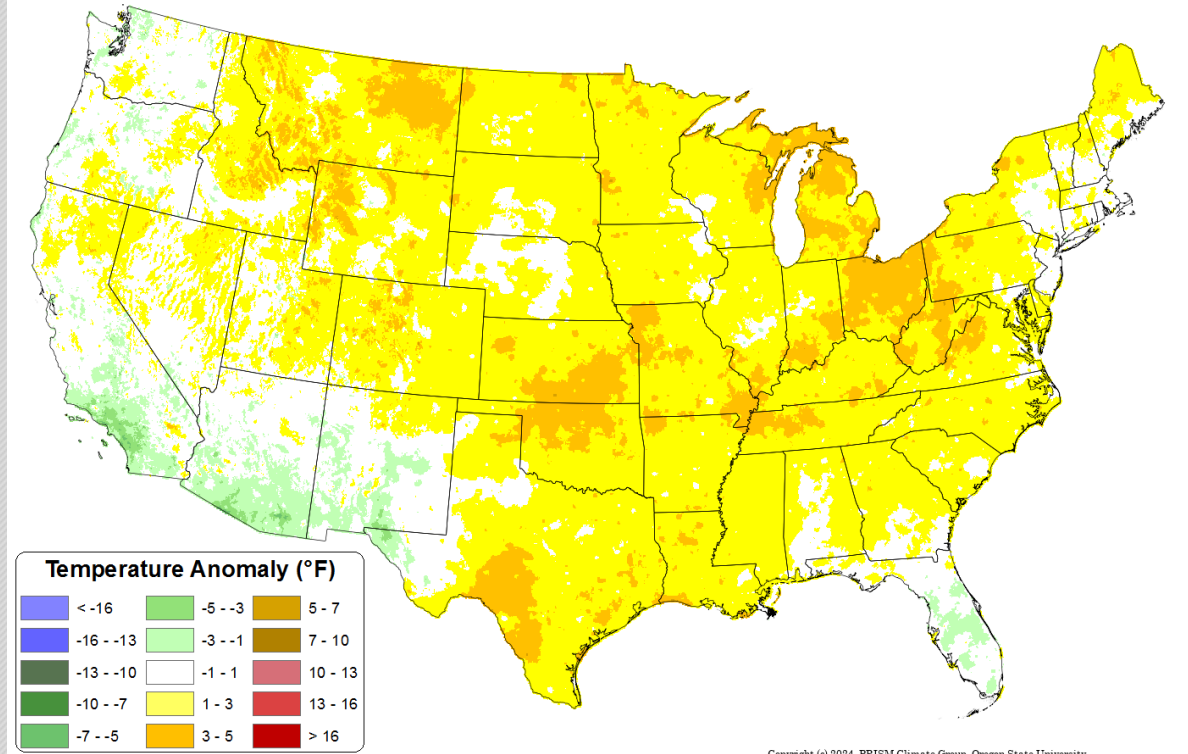
Actual

Average Daily Mean Temperature: Apr 2024
Period ending 7 AM EST 30 Apr 2024
(Map created 02 May 2024)



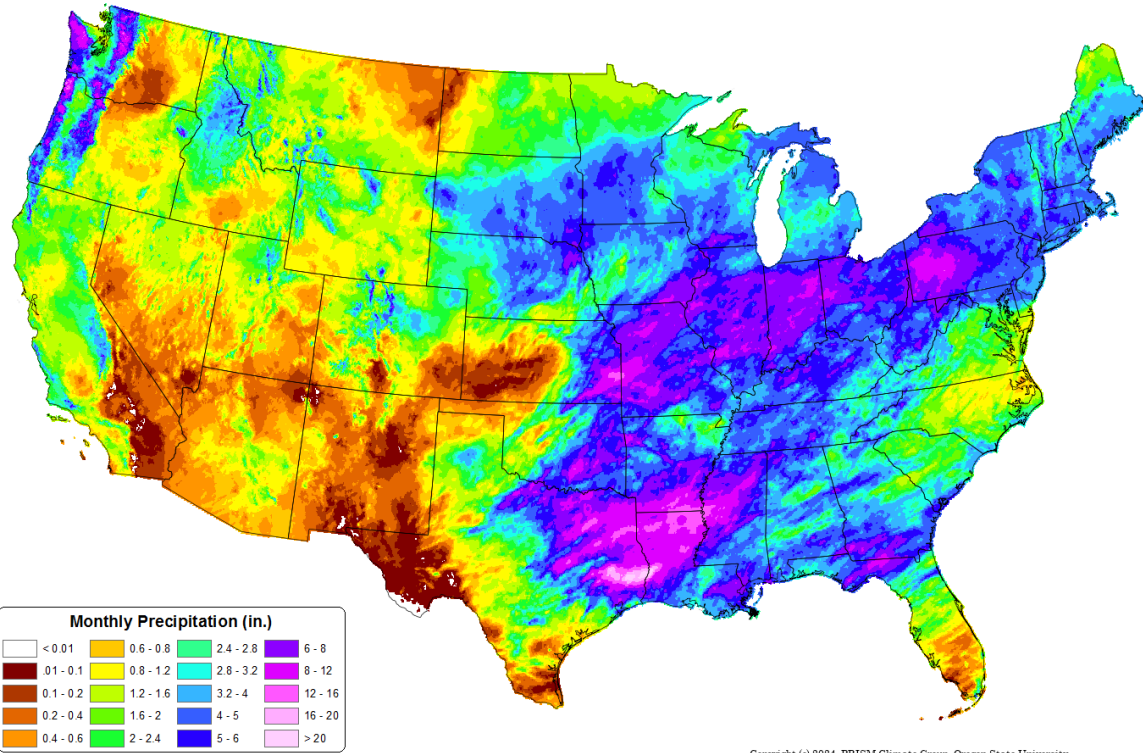
Anomaly

Daily Mean Temperature Anomaly: Apr 2024
Period ending 7 AM EST 30 Apr 2024
Base period: 1991-2020
(Map created 02 May 2024)



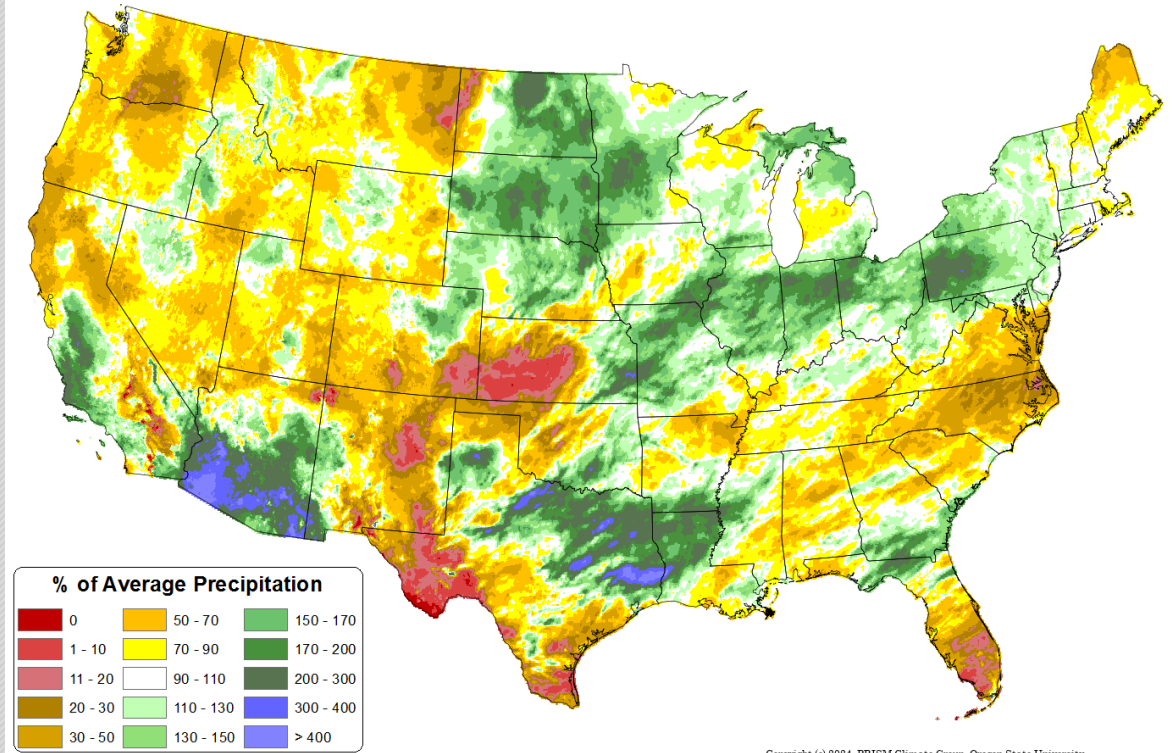
Actual

Total Precipitation: Apr 2024
 Period ending 30 Apr 2024
 (Map created 02 May 2024)



Anomaly

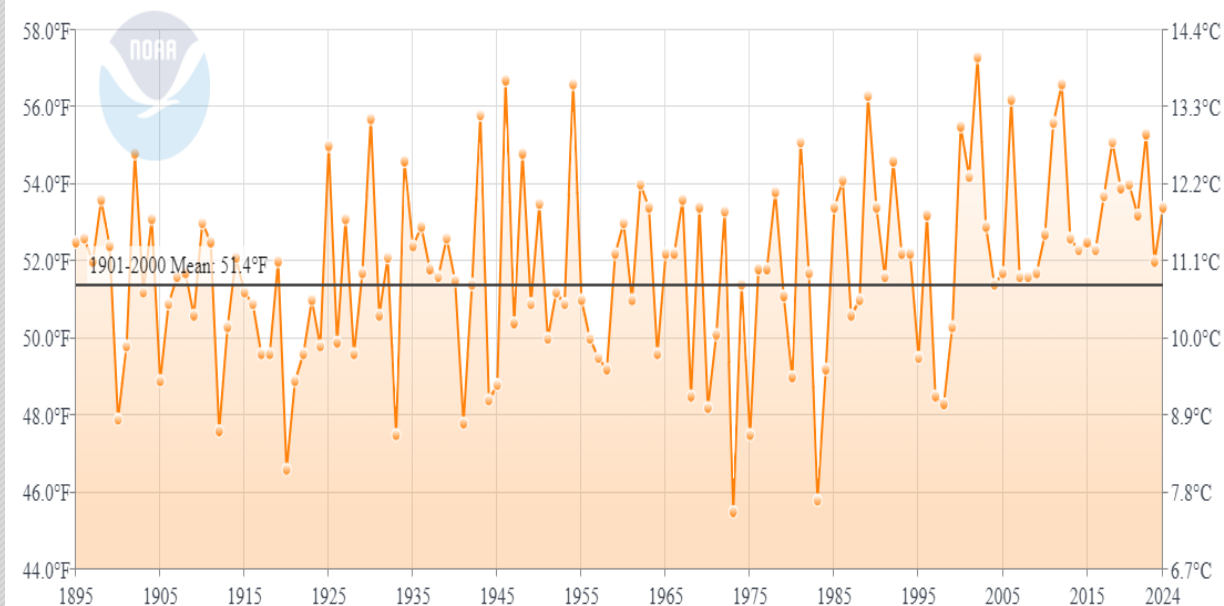
Total Precipitation Anomaly: Apr 2024
 Period ending 30 Apr 2024
 Base period: 1991-2020
 (Map created 02 May 2024)



Temperature

New Mexico Average Temperature

April

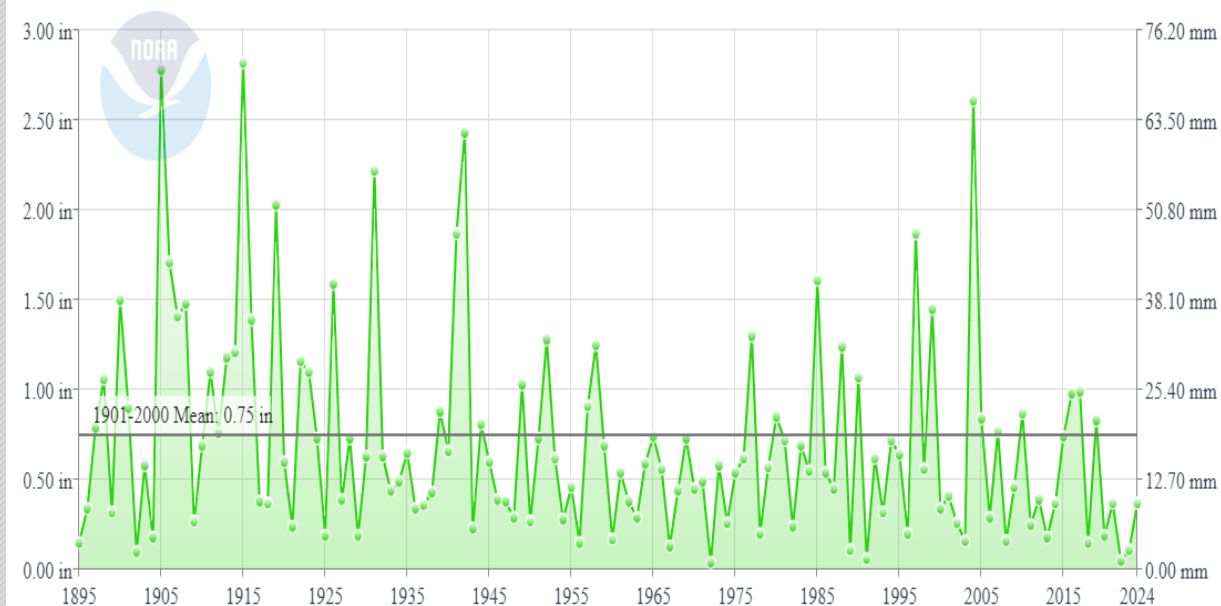


The April 2024 average statewide temperature was 53.4°, which was 2.0° above the long-term normal of 51.4° (1901-2000). This ranked as the 29th warmest April on record (1895-2024).

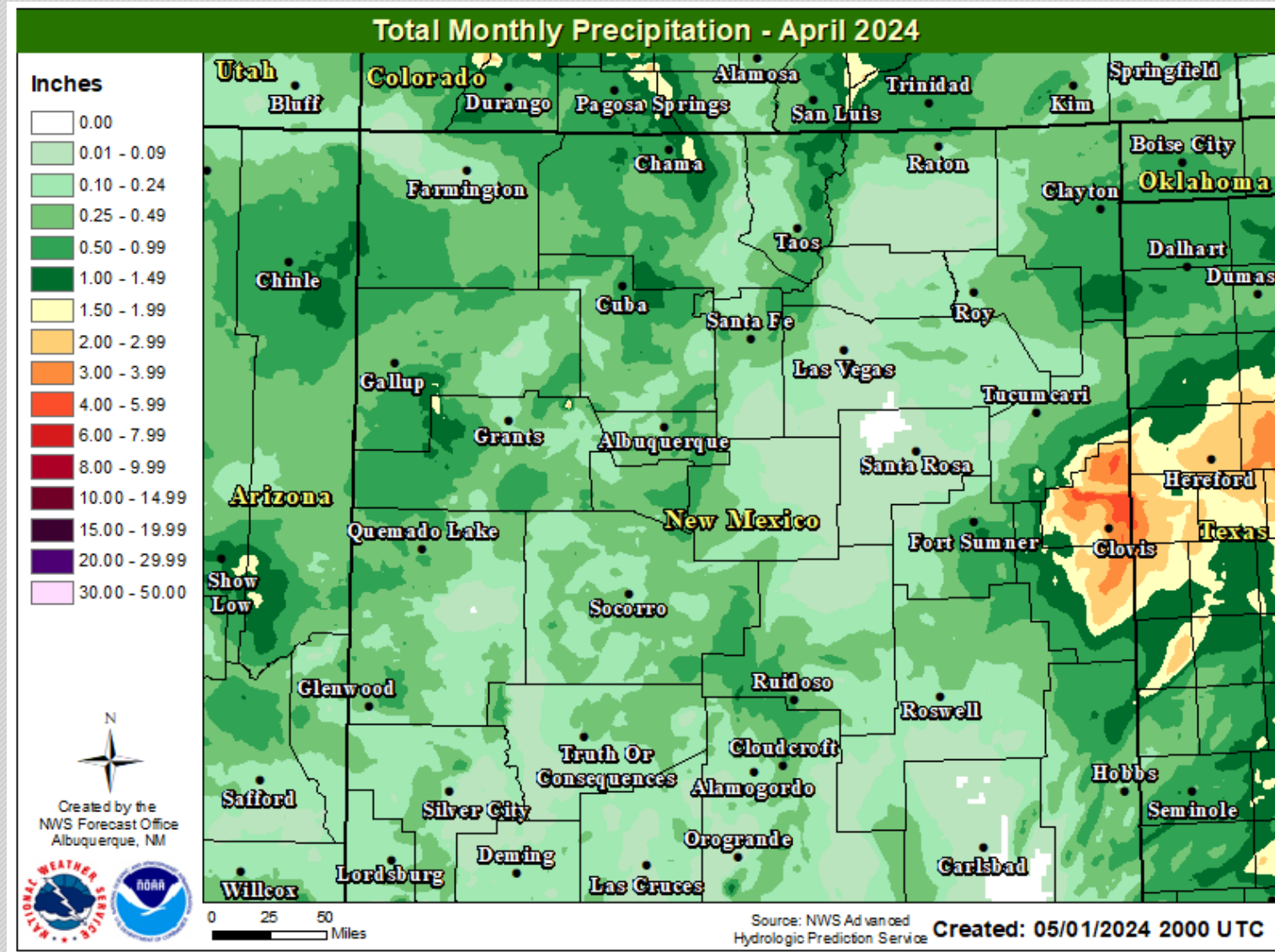
Precipitation

New Mexico Precipitation

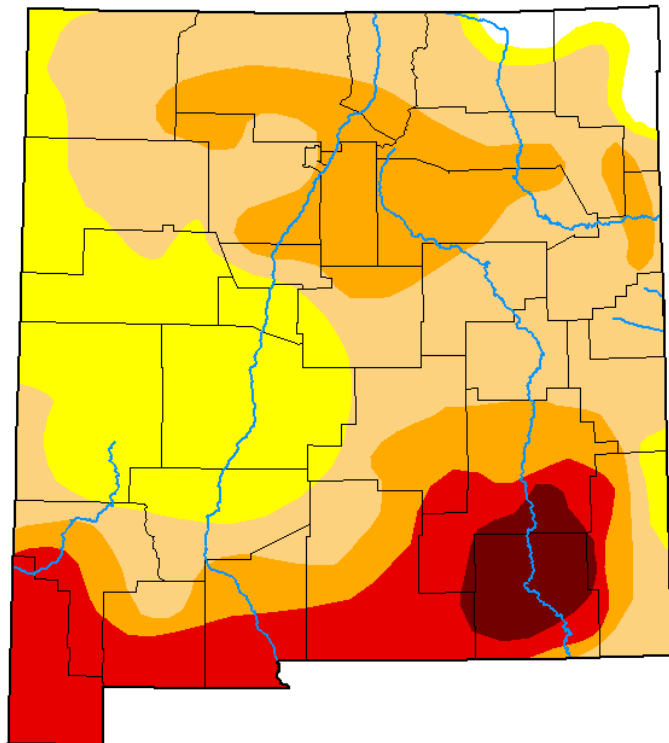
April



The April 2024 average statewide precipitation was 0.37", which was 0.38" below the long-term normal of 0.75" (1901-2000). This ranked as the 39th driest April on record (1895-2024).



U.S. Drought Monitor New Mexico



April 2, 2024

(Released Thursday, Apr. 4, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	1.76	98.24	76.24	37.77	16.72	3.51
Last Week 03-26-2024	1.76	98.24	77.63	37.77	16.72	3.51
3 Months Ago 01-02-2024	0.71	99.29	94.04	79.22	38.39	6.48
Start of Calendar Year 01-02-2024	0.71	99.29	94.04	79.22	38.39	6.48
Start of Water Year 09-26-2023	0.00	100.00	96.87	67.52	32.31	6.85
One Year Ago 04-04-2023	47.20	52.80	32.16	15.67	4.20	0.21

Intensity:



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>

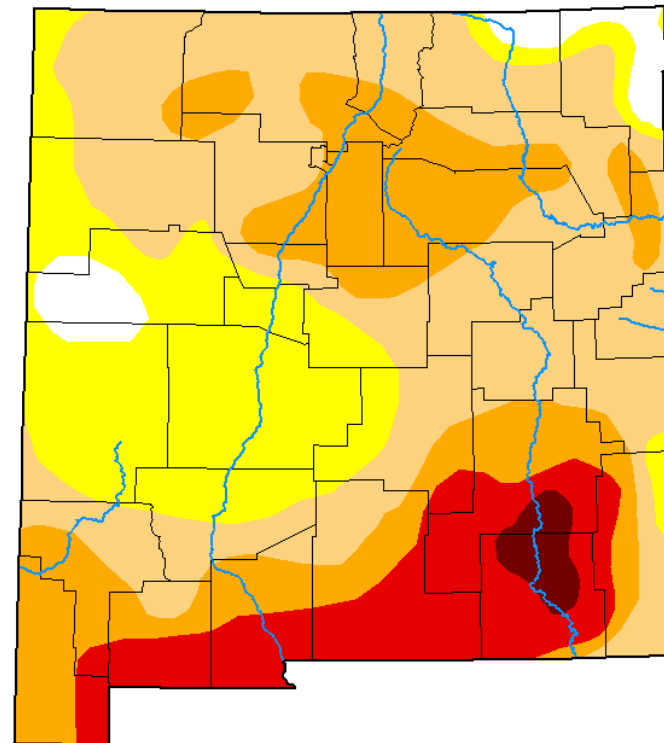
Author:

Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu

U.S. Drought Monitor New Mexico



April 30, 2024

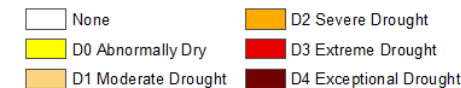
(Released Thursday, May. 2, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3.49	96.51	74.41	35.67	13.42	1.53
Last Week 04-23-2024	3.49	96.51	74.41	35.67	13.42	1.53
3 Months Ago 01-30-2024	1.23	98.77	91.38	69.44	28.86	5.53
Start of Calendar Year 01-02-2024	0.71	99.29	94.04	79.22	38.39	6.48
Start of Water Year 09-26-2023	0.00	100.00	96.87	67.52	32.31	6.85
One Year Ago 05-02-2023	46.60	53.40	32.10	16.18	4.99	0.21

Intensity:



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:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

Drought conditions in April improved slightly across southern NM and along the Continental Divide. There was very little change across the north and east.

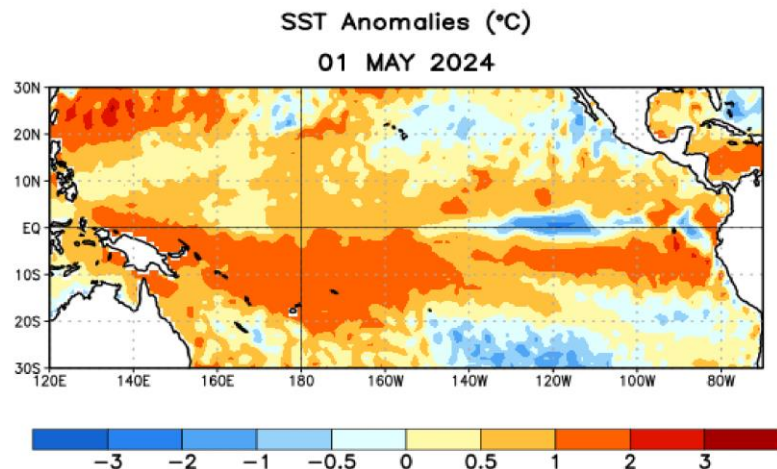


Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 1 May 2024. Anomalies are computed with respect to the 1991-2020 base period weekly means.

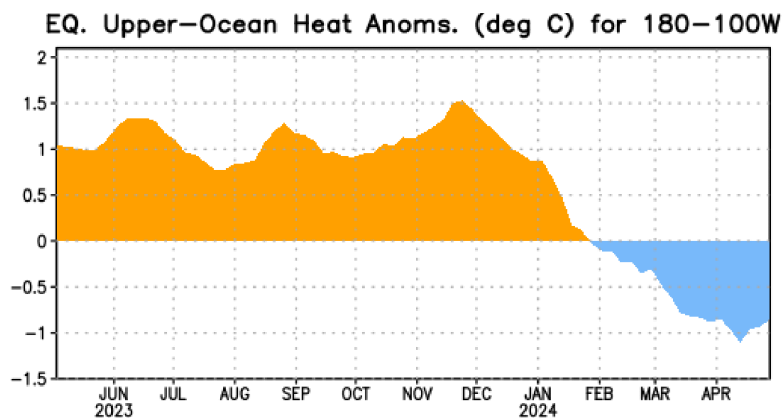


Figure 3. Area-averaged upper-ocean heat content anomaly (°C) in the equatorial Pacific (5°N-5°S, 180°-100°W). The heat content anomaly is computed as the departure from the 1991-2020 base period pentad means.

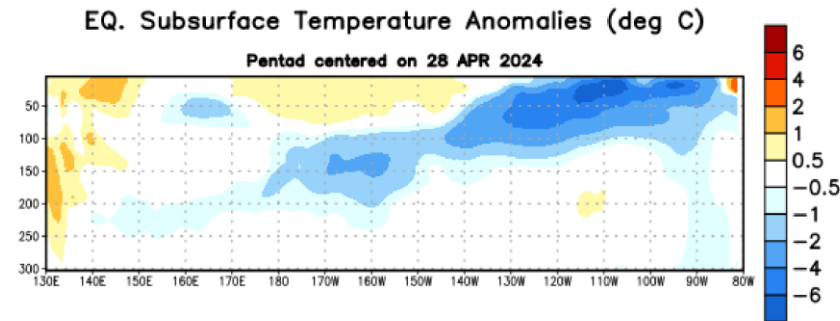


Figure 4. Depth-longitude section of equatorial Pacific upper-ocean (0-300m) temperature anomalies (°C) centered on the pentad of 28 April 2024. Anomalies are departures from the 1991-2020 base period pentad means.

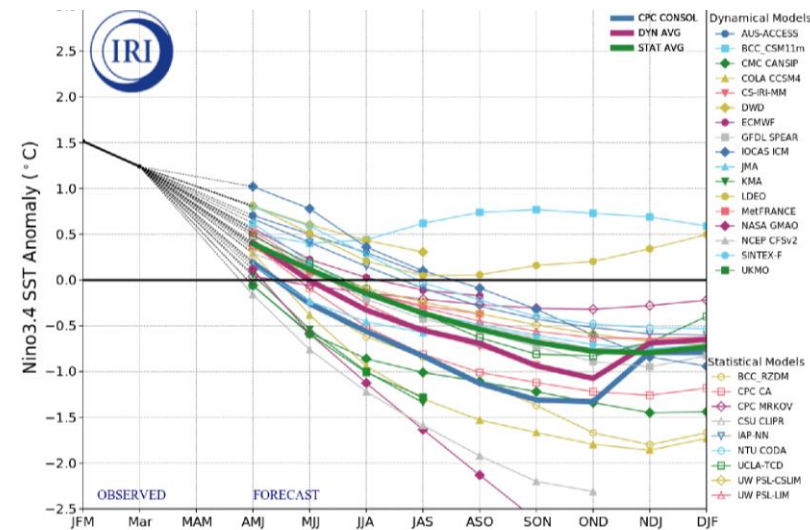
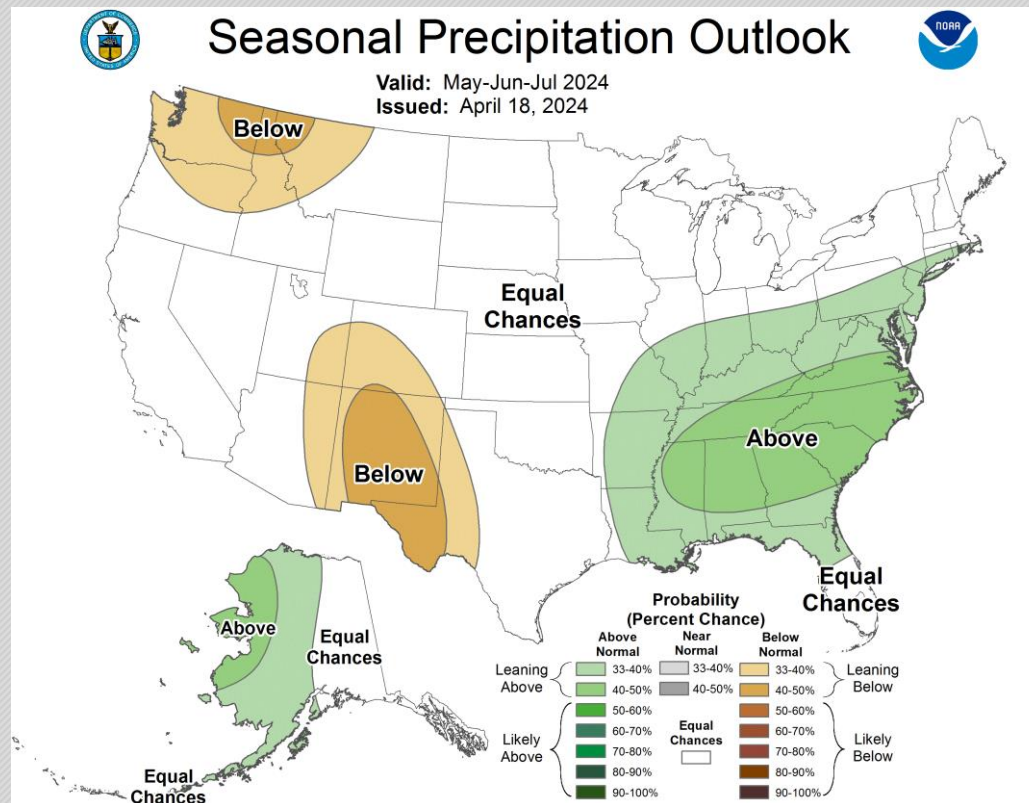
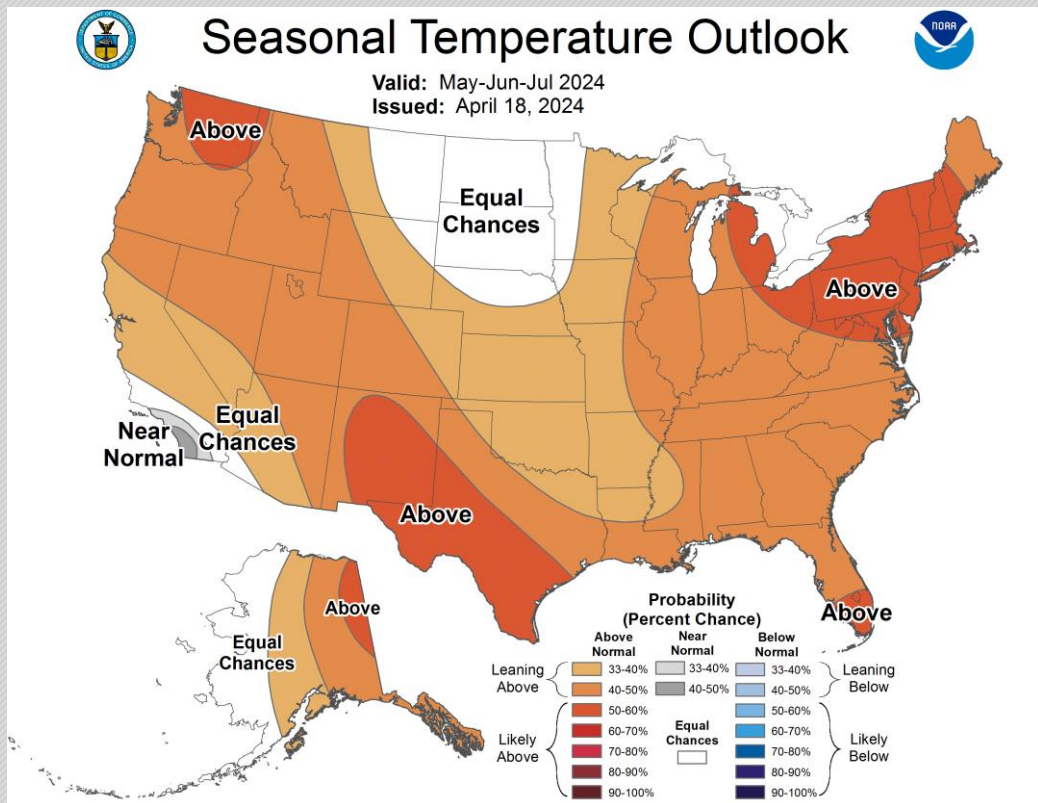


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 19 April 2024 by the International Research Institute (IRI) for Climate and Society.

Temperature
May-June-July

Precipitation
May-June-July

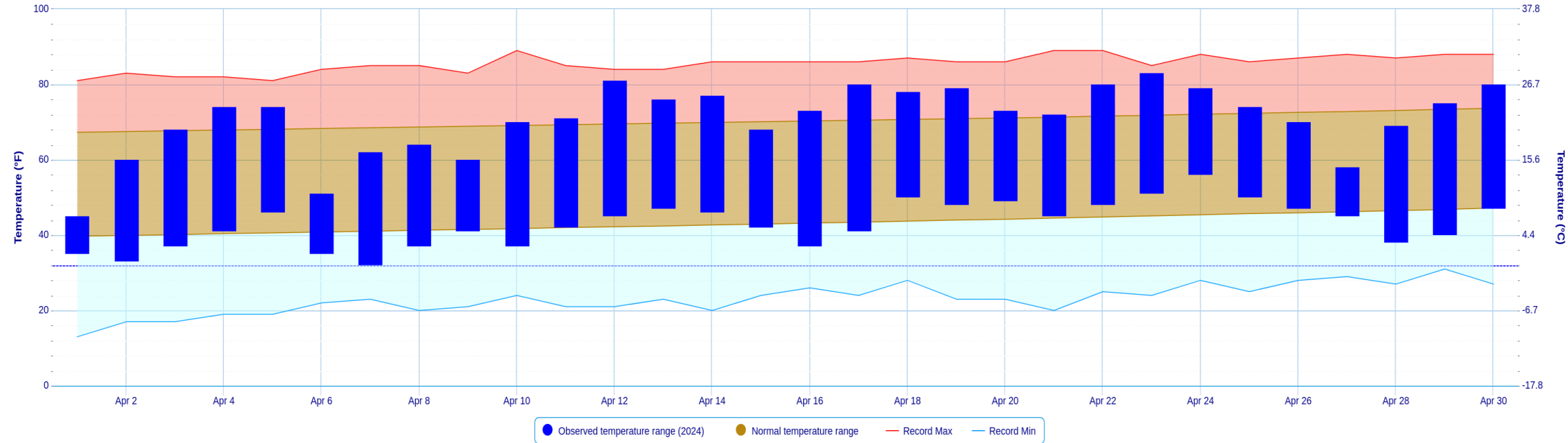


The outlook through late spring and early summer favors above normal temperatures and below normal precipitation across all of NM.

Average Temperature: 56.9°

Daily Temperature Data - Albuquerque Area, NM (ThreadEx)

Period of Record - 1891-12-01 to 2024-05-10. Normals period: 1991-2020. Click and drag to zoom chart.

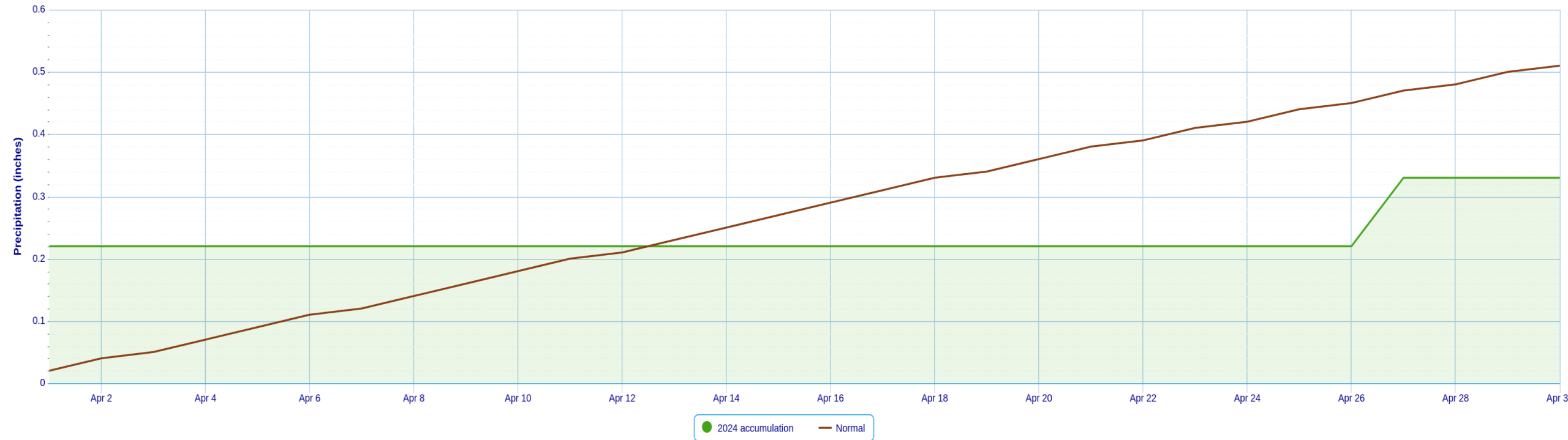


The April 2024 average temperature for Albuquerque was 56.9°, which was 0.1° above the normal of 56.8°. The average maximum temperature for the month was 70.8°. This was 0.5° above the normal average maximum temperature of 70.3°. The average minimum temperature for the month was 42.9°. This was 0.3° below the normal average minimum temperature of 43.2°. This ranked as the 41st warmest April on record.

Precipitation: 0.33"

Accumulated Precipitation - Albuquerque Area, NM (ThreadEx)

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



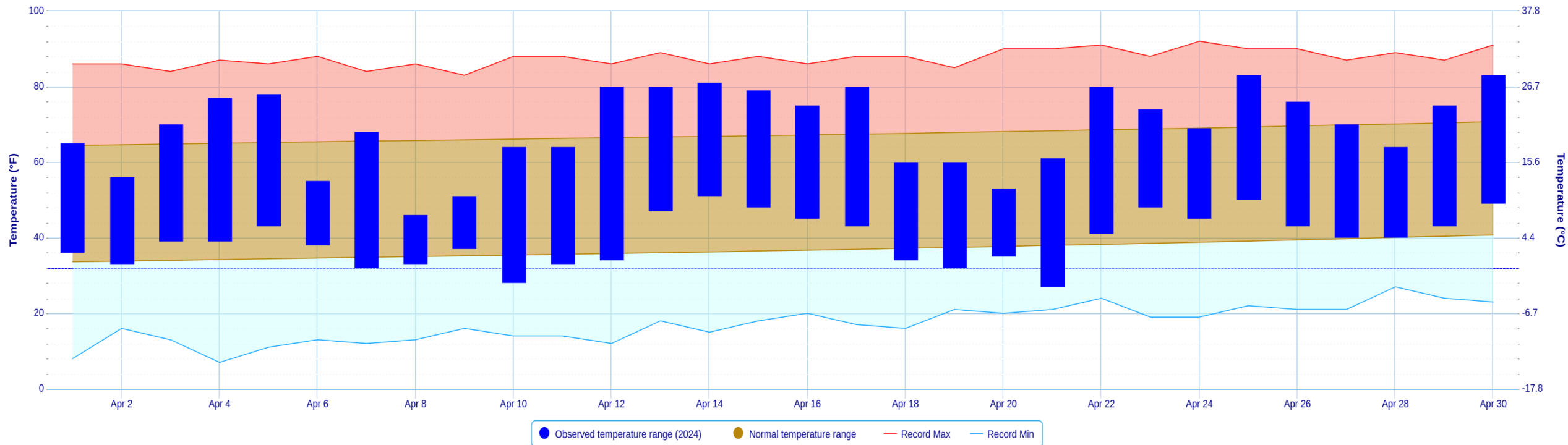
The April 2024 precipitation for Albuquerque was 0.33", which was 0.18" below the normal of 0.51". This ranked as the 61st driest April on record.

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

Average Temperature: 54.4°

Daily Temperature Data - Clayton Area, NM (ThreadEx)

Period of Record - 1896-02-01 to 2024-05-10. Normals period: 1991-2020. Click and drag to zoom chart.

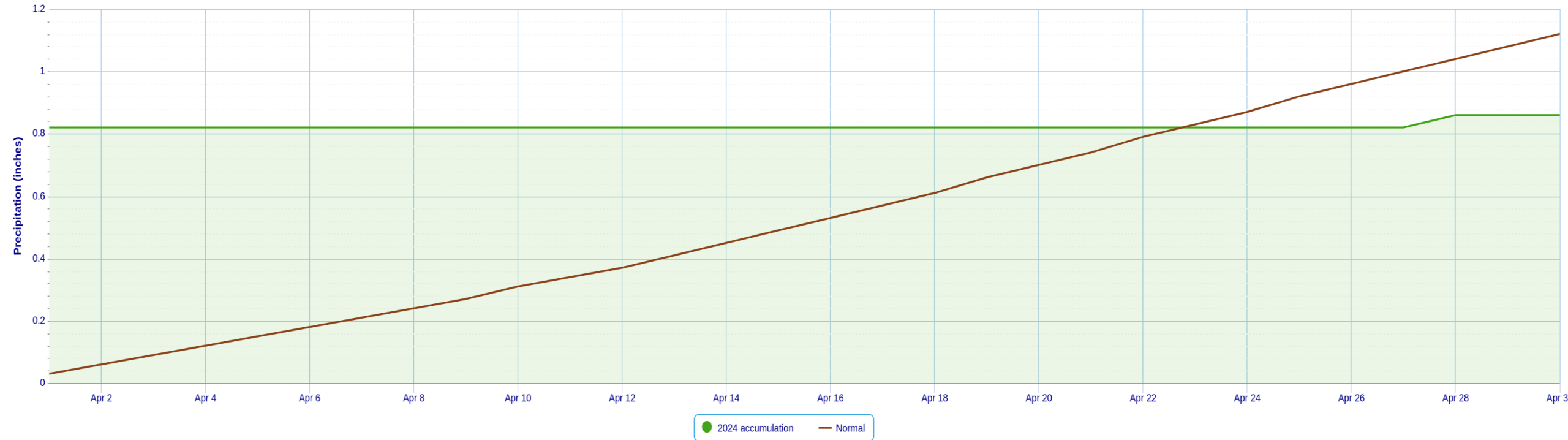


The April 2024 average temperature for Clayton was 54.4°, which was 2.4° above the normal of 52.0°. The average maximum temperature for the month was 69.2°. This was 1.9° above the normal average maximum temperature of 67.3°. The average minimum temperature for the month was 39.5°. This was 2.7° above the normal average minimum temperature of 36.8°. This ranked as the 24th warmest April on record.

Precipitation: 0.86"

Accumulated Precipitation - Clayton Area, NM (ThreadEx)

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



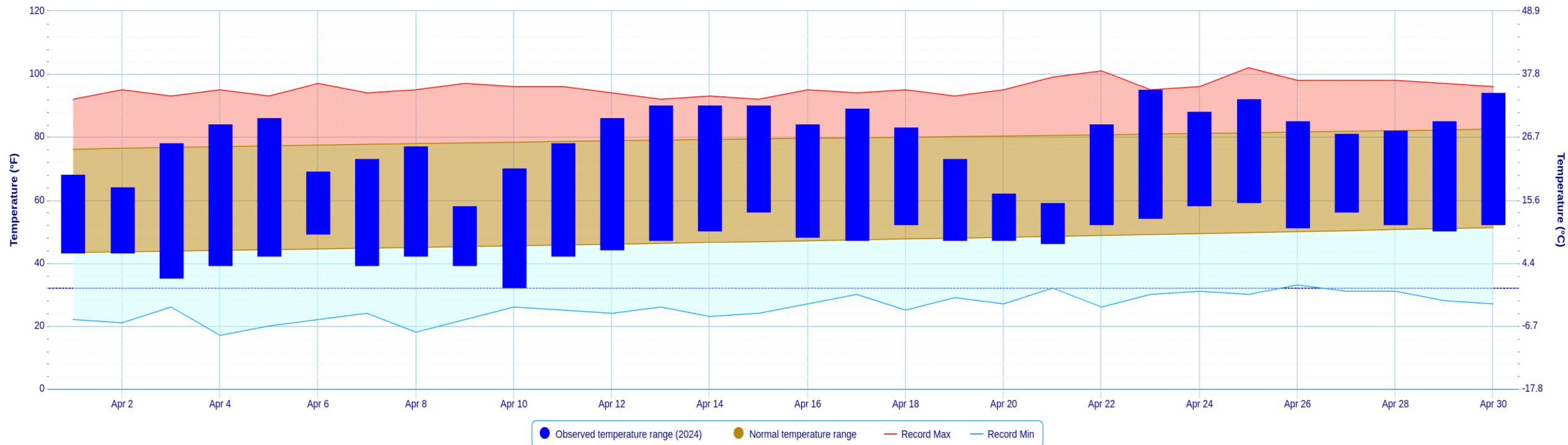
The April 2024 precipitation for Clayton was 0.86", which was 0.26" below the normal of 1.12". This ranked as the 66th driest April on record.

There was 0.0" of snow, compared to the normal of 1.3".

Average Temperature: 63.5°

Daily Temperature Data - Roswell Area, NM (ThreadEx)

Period of Record - Max temperature: 1893-01-03 to 2024-05-10; Min temperature: 1893-01-21 to 2024-05-10. Normals period: 1991-2020. Click and drag to zoom chart.

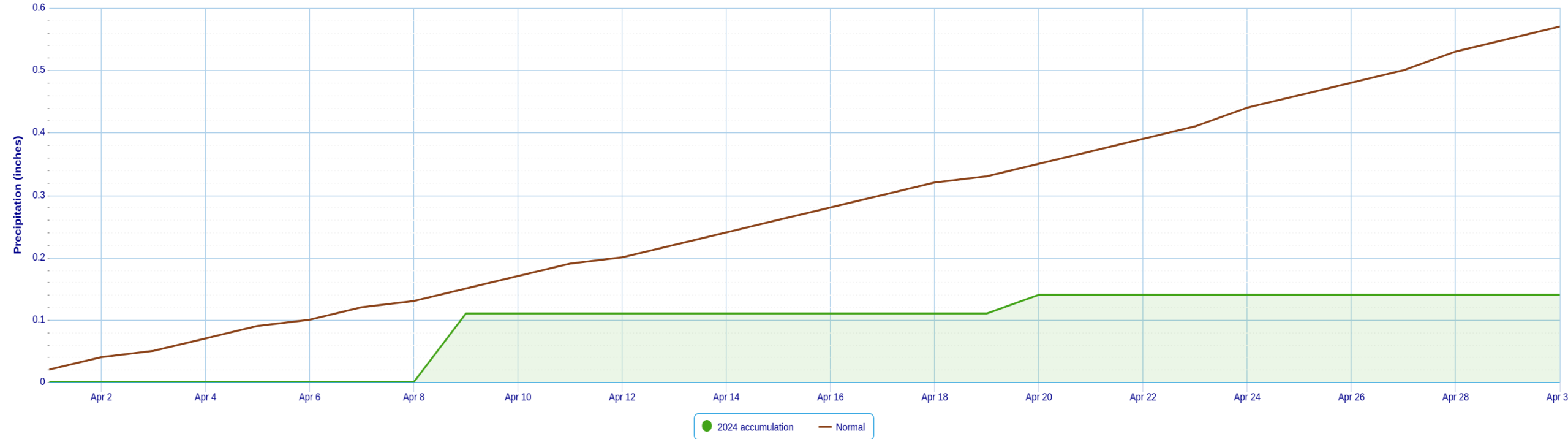


The April 2024 average temperature for Roswell was 63.5°, which was 0.3° above the normal of 63.2°. The average maximum temperature for the month was 79.9°. This was 0.5° above the average maximum temperature of 79.4°. The average minimum temperature for the month was 47.1°. This was 0.1° above the normal average minimum temperature of 47.0°. This ranked as the 20th warmest April on record.

Precipitation: 0.14"

Accumulated Precipitation - Roswell Area, NM (ThreadEx)

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



The April 2024 precipitation for Roswell was 0.14", which was 0.43" below the normal of 0.57". This ranked as the 44th driest April on record.

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

Event Type	Begin Date	County Name	Magnitude	Type	Event Narrative
High Wind	4/1/2024	CHAVES COUNTY PLAINS	52 kt	Gust	The Roswell ASOS measured a peak wind gust of 61 mph.
Dust Storm	4/1/2024	CHAVES COUNTY PLAINS			Emergency management shared photos of near zero visibility from blowing dust on U.S. Highway 285 at mile marker 88.
Heavy Snow	4/1/2024	NORTHERN SANGRE DE CRISTO MOUNTAINS	13 "		Taos Ski Valley reported 13 inches of snowfall. Surrounding reports in the forecast zone ranged from 3 to 8 inches.
High Wind	4/5/2024	NORTHWEST PLATEAU	50 kt	Gust	A high wind gust of 58 mph was observed at the Farmington Four Corners Regional Airport.
High Wind	4/5/2024	WEST CENTRAL PLATEAU	52 kt	Gust	A wind gust of 60 mph was observed at the Gallup Municipal Airport.
High Wind	4/5/2024	LOWER RIO GRANDE VALLEY	52 kt	Gust	A mesonet station at Sevilleta northeast of Socorro observed a wind gust of 60 mph.
High Wind	4/5/2024	UNION COUNTY	51 kt	Gust	A 59 mph wind gust was observed at the Clayton Municipal Airport.
High Wind	4/6/2024	GLORIETA MESA INCLUDING GLORIETA PASS	52 kt	Gust	The I-25 NMDOT sensor at Rowe observed a peak wind gust at 60 mph.
High Wind	4/6/2024	NORTHERN SANGRE DE CRISTO MOUNTAINS	60 kt	Gust	The public weather station on Kachina Peak at Taos Ski Valley observed a peak wind gust of 69 mph.
High Wind	4/7/2024	EAST SLOPES SANGRE DE CRISTO MOUNTAINS	68 kt	Gust	A wunderground station at Upper Rociada observed a peak wind gust of 78 mph.
High Wind	4/6/2024	SANTA FE METRO AREA	53 kt	Gust	The I-25 NMDOT sensor at La Bajada Hill observed a wind gust of 61 mph.
High Wind	4/6/2024	SANDIA/MANZANO MTS INCLUDING EDGEWOOD	56 kt	Gust	A wunderground station at Sandia Airpark near Edgewood observed a peak wind gust of 65 mph.
High Wind	4/6/2024	ESTANCIA VALLEY	50 kt	Gust	A wunderground station near Estancia observed a wind gust of 58 mph.
High Wind	4/6/2024	CENTRAL HIGHLANDS	56 kt	Gust	The Clines Corners ASOS observed a peak wind gust of 64 mph.
High Wind	4/6/2024	SOUTH CENTRAL MOUNTAINS	63 kt	Gust	Nogal observed a peak wind gust of 72 mph, resulting in 2 power line wires down and 111 customers without power.
High Wind	4/6/2024	FAR NORTHEAST HIGHLANDS	55 kt	Gust	The Raton Airport ASOS observed a peak wind gust of 63 mph.
High Wind	4/6/2024	NORTHEAST HIGHLANDS	65 kt	Gust	A wunderground station at Esperanza Sol y Paz southeast of Las Vegas observed a peak wind gust of 75 mph.
High Wind	4/6/2024	UNION COUNTY	58 kt	Gust	The mesonet southwest of Clayton observed a peak wind gust of 67 mph.
High Wind	4/6/2024	HARDING COUNTY	50 kt	Gust	A wunderground station at Hartley Ranch observed a wind gust of 58 mph.

*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/>

Event Type	Begin Date	County Name	Magnitude		Type	Event Narrative
High Wind	4/6/2024	EASTERN SAN MIGUEL COUNTY	51 kt		Gust	A wunderground station just south of Conchas Lake observed a wind gust of 59 mph.
High Wind	4/6/2024	GUADALUPE COUNTY	58 kt		Gust	The mesonet stations southeast of Vaughn and east of Puerto de Luna both observed peak wind gusts of 67 mph.
High Wind	4/6/2024	QUAY COUNTY	53 kt		Gust	A peak wind gust of 61 mph was observed at the Tucumcari Municipal Airport.
High Wind	4/6/2024	CURRY COUNTY	58 kt		Gust	St. Vrain area peak wind gust of 67 mph, resulting in downed powerlines on State Route 311 according to the Clovis FD.
High Wind	4/6/2024	ROOSEVELT COUNTY	50 kt		Gust	A peak wind gust of 58 mph was observed at the Roosevelt SWCD, Dora, and Melrose Gun Range, respectively.
High Wind	4/6/2024	DE BACA COUNTY	56 kt		Gust	A mesonet station east of Fort Sumner observed a peak wind gust of 65 mph.
High Wind	4/15/2024	SOUTHWEST MOUNTAINS	70 kt		Gust	The Magdalena Ridge Observatory observed a peak wind gust of 81 mph.
High Wind	4/15/2024	SANTA FE METRO AREA	50 kt		Gust	The Santa Fe Airport observed a peak wind gust of 58 mph.
High Wind	4/15/2024	CENTRAL HIGHLANDS	50 kt		Gust	The Clines Corners ASOS observed a peak wind gust of 58 mph.
High Wind	4/15/2024	SOUTH CENTRAL MOUNTAINS	58 kt		Gust	The Sierra Blanca Airport observed a peak wind gust of 67 mph.
High Wind	4/15/2024	NORTHEAST HIGHLANDS	50 kt		Gust	A public weather station southeast of Las Vegas observed a peak wind gust of 58 mph.
High Wind	4/15/2024	GUADALUPE COUNTY	56 kt		Gust	A mesonet station southeast of Vaughn observed a peak wind gust of 65 mph.
High Wind	4/15/2024	CHAVES COUNTY PLAINS	59 kt		Gust	The Roswell Airport observed a peak wind gust of 68 mph. Blowing dust also reduced visibility to one statute mile at the airport.
High Wind	4/16/2024	JEMEZ MOUNTAINS	50 kt		Gust	The Los Alamos Airport measured a peak wind gust of 58 mph.
High Wind	4/16/2024	GUADALUPE COUNTY	57 kt		Gust	A mesonet station southeast of Vaughn, NM measured a peak wind gust of 58 mph.
High Wind	4/25/2024	WEST CENTRAL PLATEAU	55 kt		Gust	The ASOS at the Gallup Municipal Airport measured a wind gust of 63 mph during a cold front passage.
High Wind	4/25/2024	CENTRAL HIGHLANDS	36 kt		Gust	A wunderground station just north of Corona measured high sustained winds peaking at 42 mph.
High Wind	4/25/2024	UPPER TULAROSA VALLEY	50 kt		Gust	The Pole 616 mesonet at White Sands Missile Range measured a wind gust of 58 mph.
High Wind	4/25/2024	SOUTH CENTRAL MOUNTAINS	55 kt		Gust	A mesonet station in Nogal measured a peak wind gust of 63 mph.
High Wind	4/25/2024	NORTHEAST HIGHLANDS	43 kt		Sustained	A wunderground station south of Las Vegas measured high sustained winds peaking at 49 mph.
High Wind	4/25/2024	UNION COUNTY	52 kt		Gust	The ASOS at the Clayton Municipal Airport measured a wind gust of 60 mph.
High Wind	4/25/2024	GUADALUPE COUNTY	50 kt		Gust	Santa Rosa area measured a peak wind gust of 58 mph and high sustained winds peaking at 40 mph.
High Wind	4/25/2024	CHAVES COUNTY PLAINS	65 kt		Gust	Roswell Air Center peak wind gust of 75 mph. Blowing dust with visibility at the Roswell Air Center as low as 3 statute miles.

*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

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