

2024 was the 2<sup>nd</sup> warmest on record for New Mexico and the 44<sup>th</sup> driest on record.

2024 marks the 32<sup>nd</sup> consecutive year with above normal temperatures in NM compared to the long-term statewide average from 1901 to 2000. Precipitation was below normal once again like much of the 21<sup>st</sup> century.

2024	Average T	Delta	Rank	Average Max T	Delta	Rank	Average Min T	Delta	Rank	Total Precipitation	Delta	Rank	Period of Record (years)
New Mexico	56.3°	+3.4°	2 <sup>nd</sup> Warmest	71.4°	+3.7°	4 <sup>th</sup> Warmest	41.2°	+3.2°	1 <sup>st</sup> Warmest	12.85"	-1.14"	44 <sup>th</sup> Driest	130
Albuquerque	60.0°	+2.0°	2 <sup>nd</sup> Warmest	72.8°	+2.5°	1 <sup>st</sup> Warmest	47.2°	+1.6°	2 <sup>nd</sup> Warmest	6.96"	-1.88"	41 <sup>st</sup> Driest	132
Clayton	56.5°	+3.1°	3 <sup>rd</sup> Warmest	70.2°	+2.5°	7 <sup>th</sup> Warmest (T)	42.7°	+3.6°	3 <sup>rd</sup> Warmest	14.51"	-0.96"	55 <sup>th</sup> Driest	129
Roswell	65.8°	+2.6°	1 <sup>st</sup> Warmest	80.4°	+2.6°	4 <sup>th</sup> Warmest	51.1°	+2.4°	1 <sup>st</sup> Warmest	14.98"	+3.35"	34 <sup>th</sup> Wettest	132

\* Departure from normal for Albuquerque and Roswell use 1901 to 2000 and Clayton uses 1909-2000. (T) is for a tie. All data is considered preliminary until final certification at the National Centers for Environmental Information (NCEI). City rankings include years with 10 days or less of missing data for the period of record.

# 2024 Annual Climate Summary

## Photos



Baseball Hail Cannon AFB | May 29, 2024  
Courtesy Ruthann Kelly



CMV Blown Over U.S. 285 near Roswell | February 3, 2024  
Courtesy Berrendo Fire Dept



Epic Hailstorm & Flood near Willard | June 19, 2024  
Courtesy Mikes Blue\_Sky\_Productions\_Utah



Heavy Snowfall near Rociada | March 17, 2024  
Courtesy Elizabeth Morse via Facebook



I-40 Pileup near Continental Divide | January 4, 2024  
Courtesy Curt Largo via Facebook

# 2024 Annual Climate Summary

## Photos



Flash Flood near Sapello | August 8, 2024  
Courtesy Dannette Lucero



Bandelier Flash Flood Damage | September 5, 2024  
Courtesy Bandelier National Monument



Tornado Clines Corners | September 21, 2024  
Courtesy "Stephen"



Flash Flood Ruidoso Downs | July 20, 2024  
Courtesy Jake Canavan

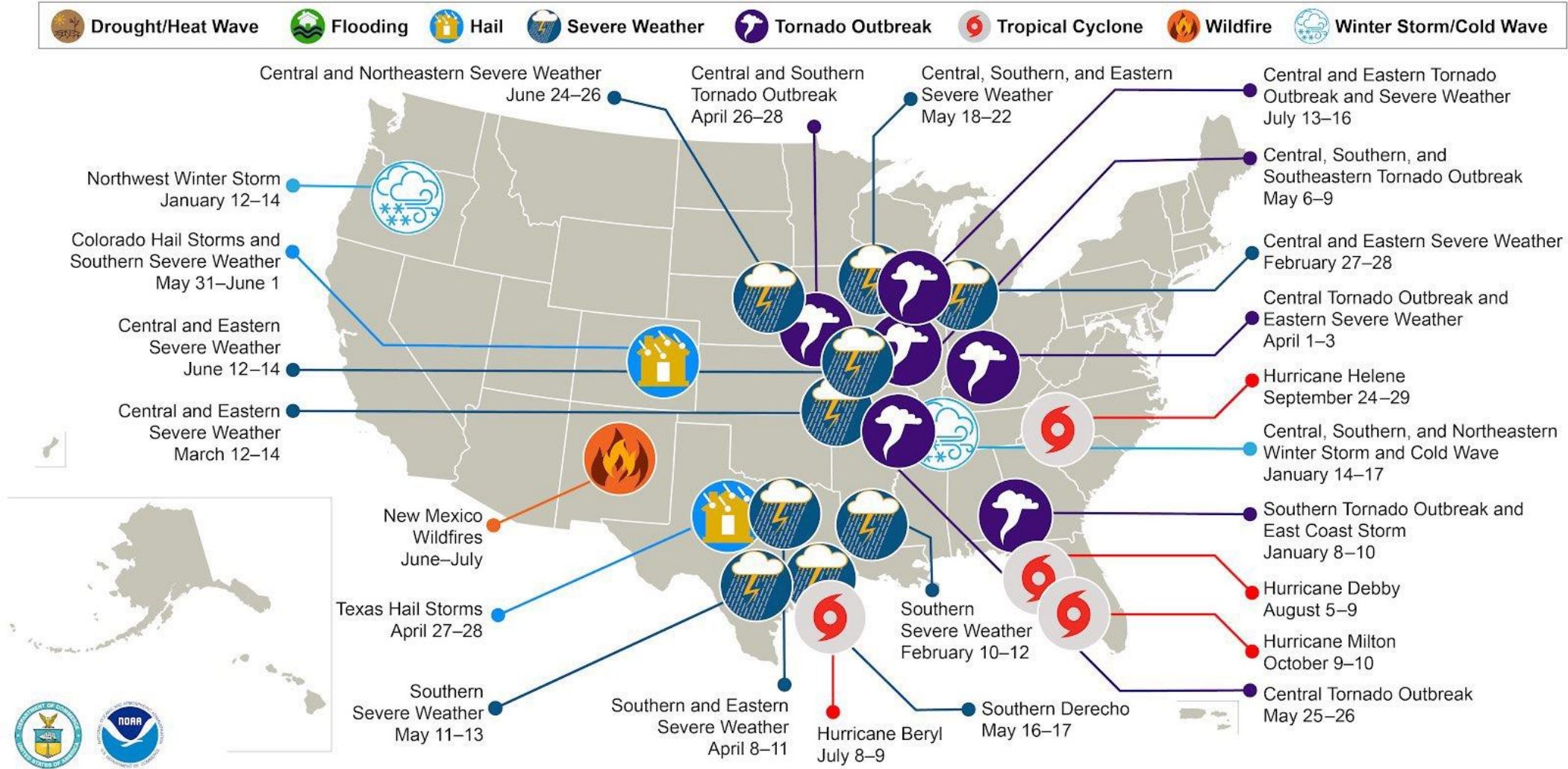


Blizzard U.S. 56 Northeast NM | November 7, 2024  
Courtesy Mark Rowley NMSP



Roswell Flood | October 20, 2024  
Courtesy Raelynn Rosy Wilkinson

### U.S. 2024 Billion-Dollar Weather and Climate Disasters

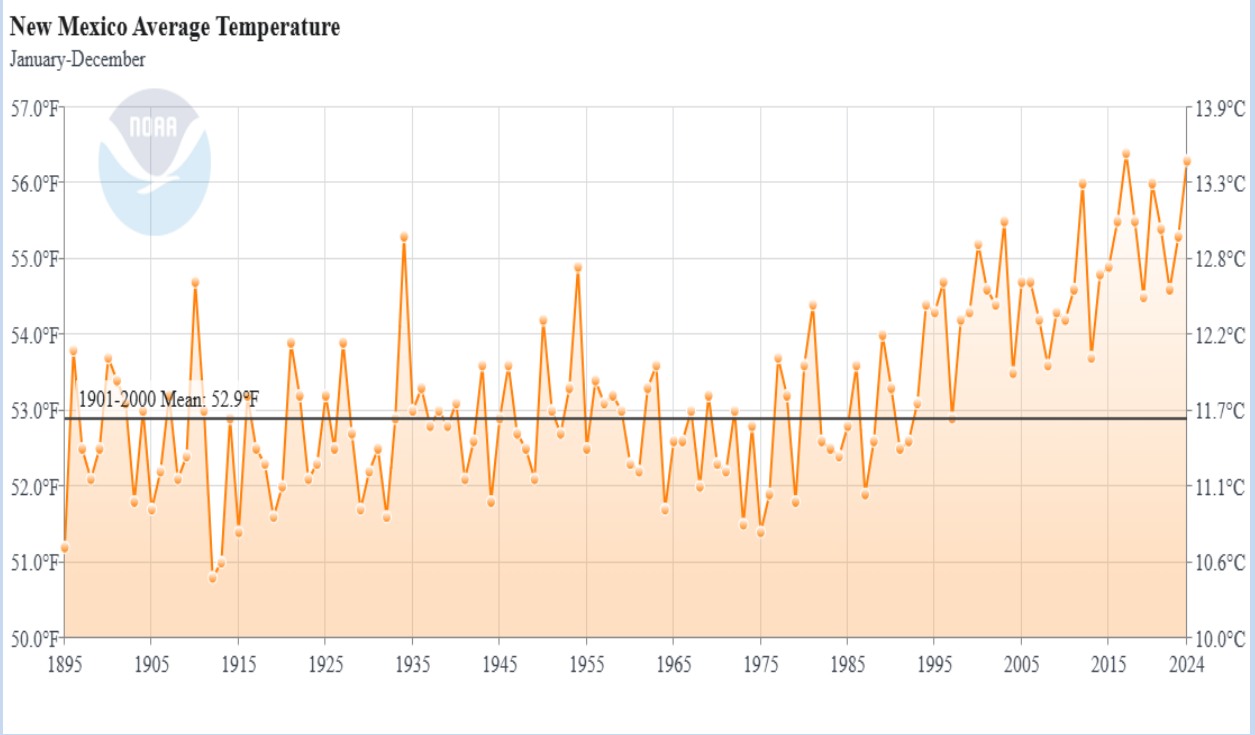


This map denotes the approximate location for each of the 24 separate billion-dollar weather and climate disasters that impacted the United States through October 2024.

# 2024 Annual Climate Summary

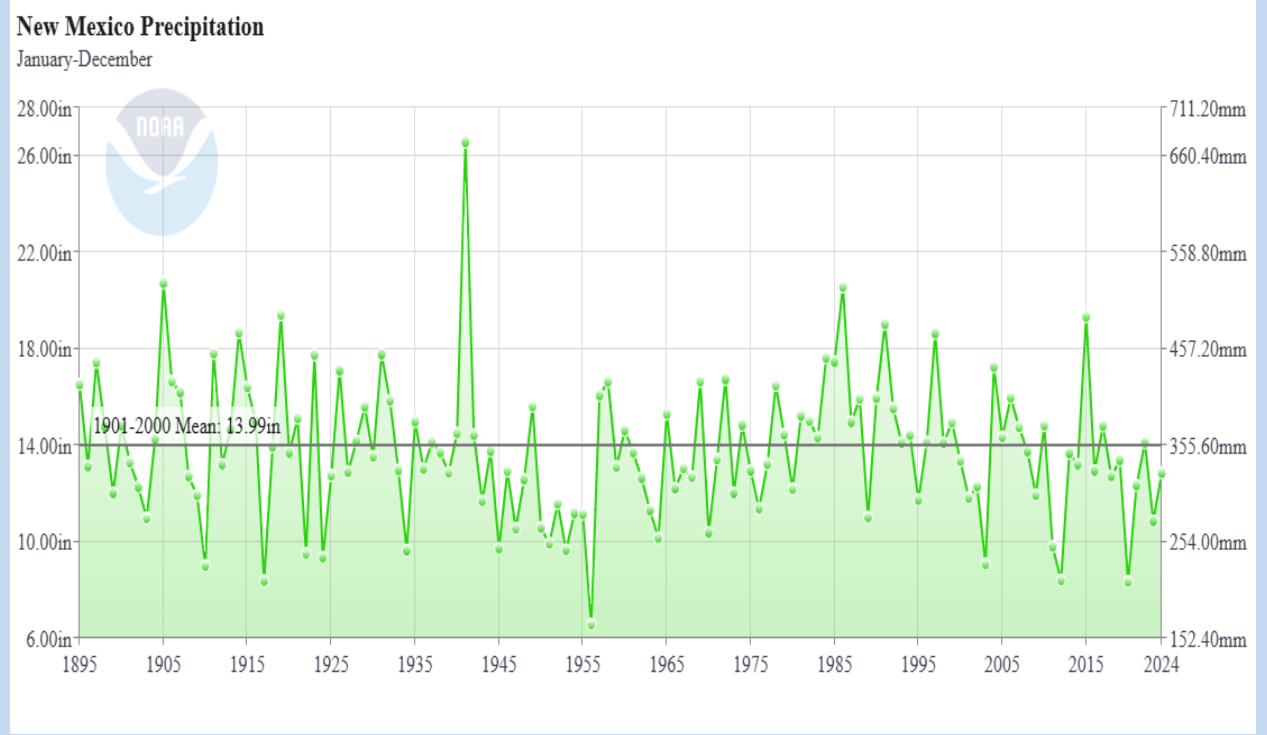
## Statewide Average Temperature & Precipitation Trends

### Average Temperature



The average statewide temperature was 56.3° which was 3.4° above the long-term normal of 52.9° (1901-2000). This ranks as the 2<sup>nd</sup> warmest year on record for New Mexico (1895-2024).

### Precipitation



The average statewide precipitation was 12.85" which was 1.14" below the long-term normal of 13.99" (1901-2000). This ranks as the 44<sup>th</sup> driest year on record for New Mexico (1895-2024).

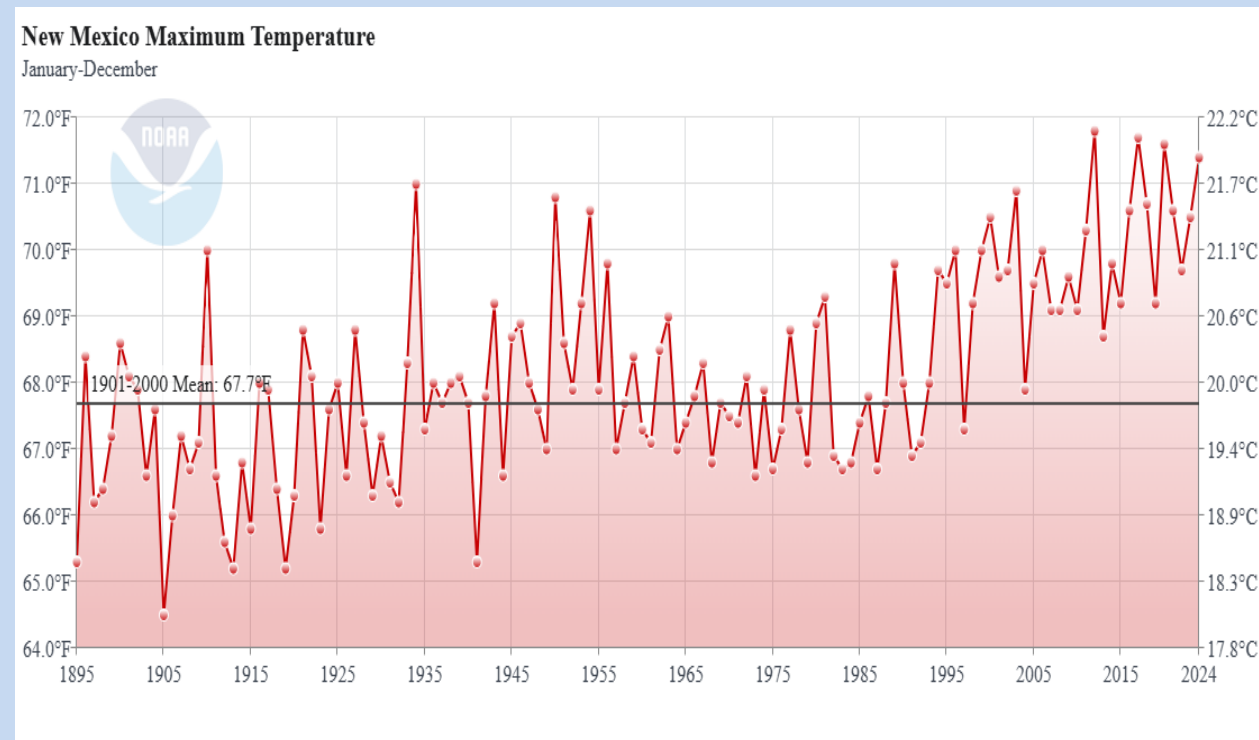
# 2024 Annual Climate Summary

## Statewide Average Maximum & Average Minimum Temperatures

Weather Forecast Office  
Albuquerque, NM  
Issued January 18, 2025 10:49 AM MST

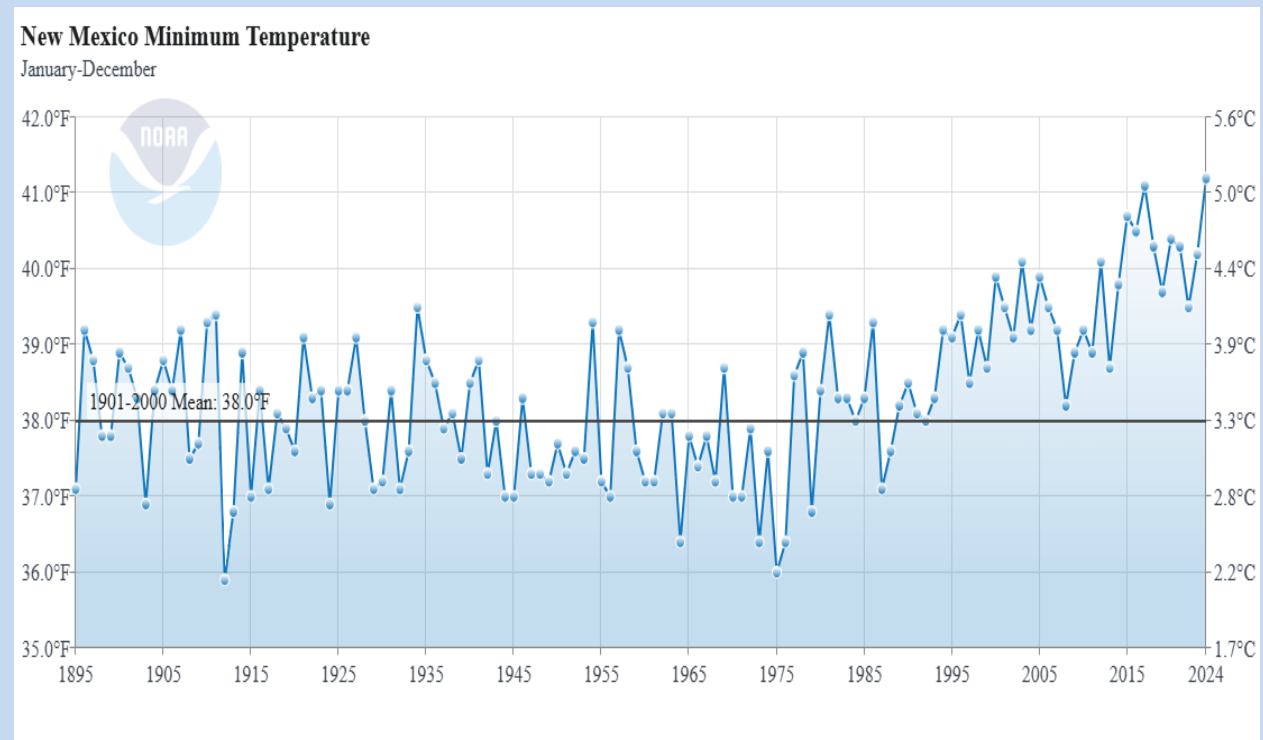


### Average Maximum Temperature



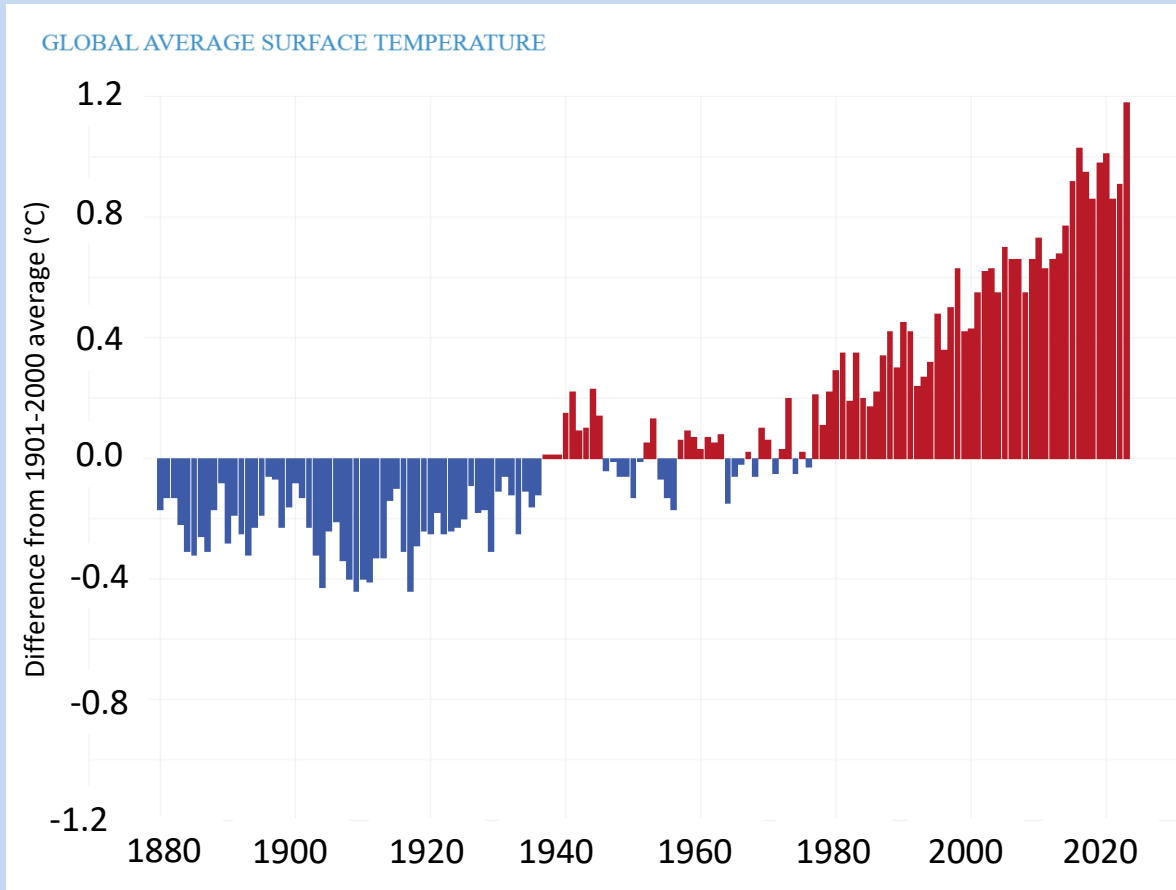
The statewide average maximum temperature was 71.4° which was 3.7° above the long-term normal of 67.7° (1901-2000). This ranks as the 4<sup>th</sup> warmest year on record for average maximum temperature for New Mexico (1895-2024).

### Average Minimum Temperature



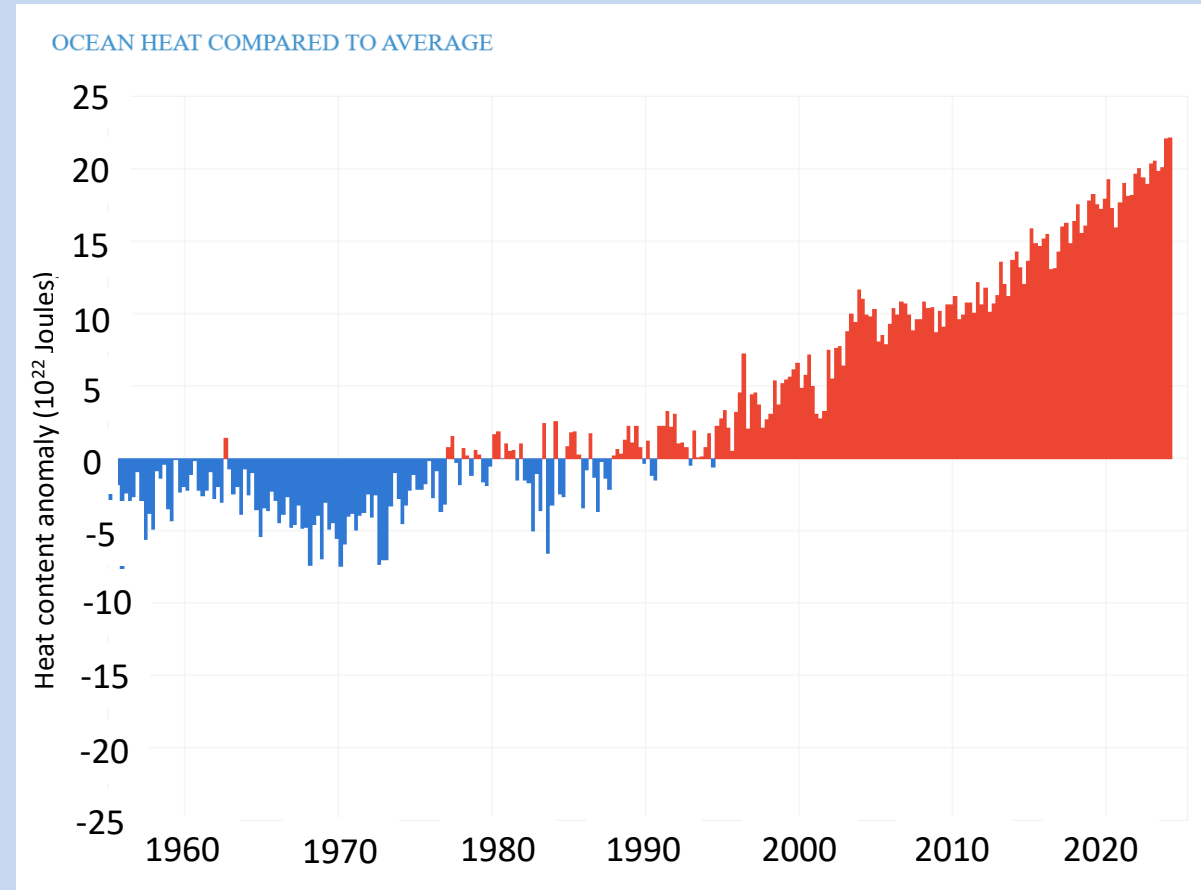
The statewide average minimum temperature was 41.2° which was 3.2° above the long-term normal of 38.0° (1901-2000). This ranks as the **warmest** year on record for average minimum temperature for New Mexico (1895-2024).

## Surface Temperature



Yearly global temperatures from 1880-2023 compared to the twentieth-century average. Earth's surface temperature has risen  $0.14^{\circ}\text{F}$  per decade since 1880. The rate of warming has more than doubled since 1981. (NOAA [climate.gov](https://www.climate.gov))

## Ocean Heat

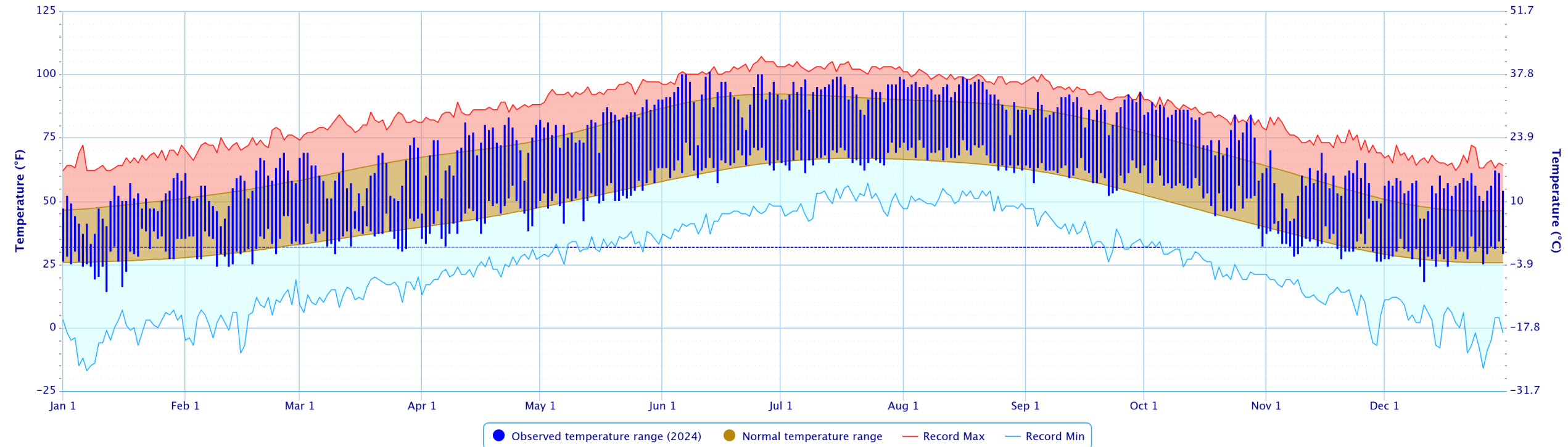


Seasonal heat content in the top half-mile of the ocean compared to the 1955-2006 average. Heat content in the global ocean has been above-average (red bars) since the mid 1990s. (NOAA [climate.gov](https://www.climate.gov))

**Average Temperature: 60.0°**

Daily Temperature Data – Albuquerque Area, NM (ThreadEx)

Period of Record – 1891-12-01 to 2025-01-06. Normals period: 1991-2020. Click and drag to zoom chart.



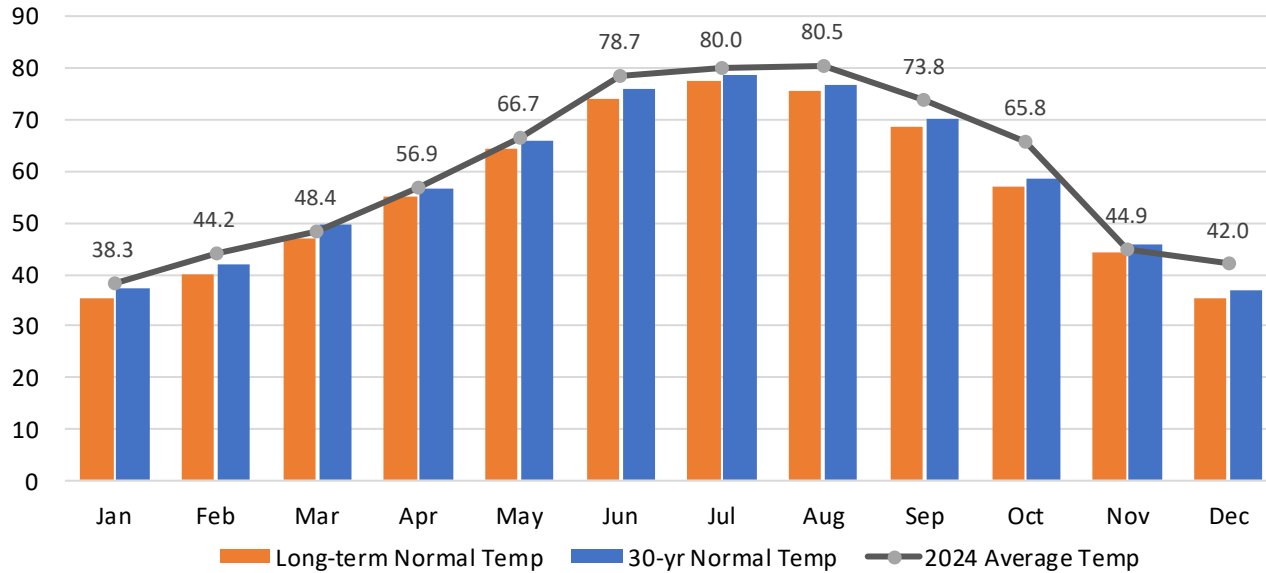
Powered by ACIS

The average temperature for Albuquerque in 2024 was 60.0°, which was 2.0° above the normal of 58.0°. The average maximum temperature was 72.8°. This was 2.5° above the normal average maximum temperature of 70.3°. The average minimum temperature was 47.2°. This was 1.6° above the normal average minimum temperature of 45.6°. This ranks as the 2<sup>nd</sup> warmest year on record for Albuquerque.

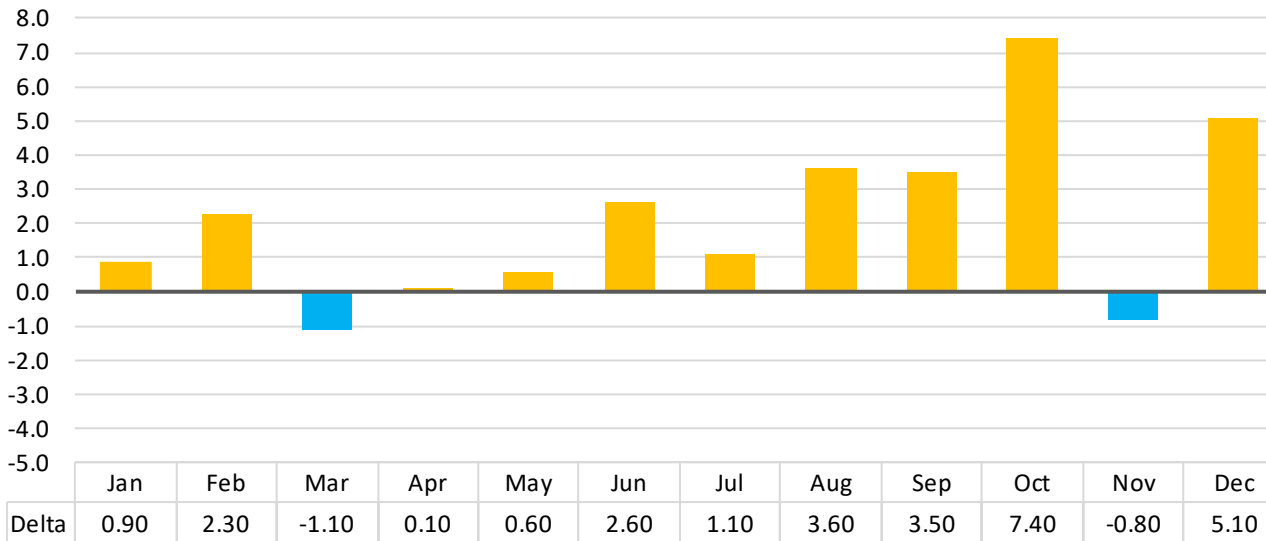




Albuquerque 2024 Monthly Temperature



Albuquerque Monthly Temperature Departure from 30-Year Normal



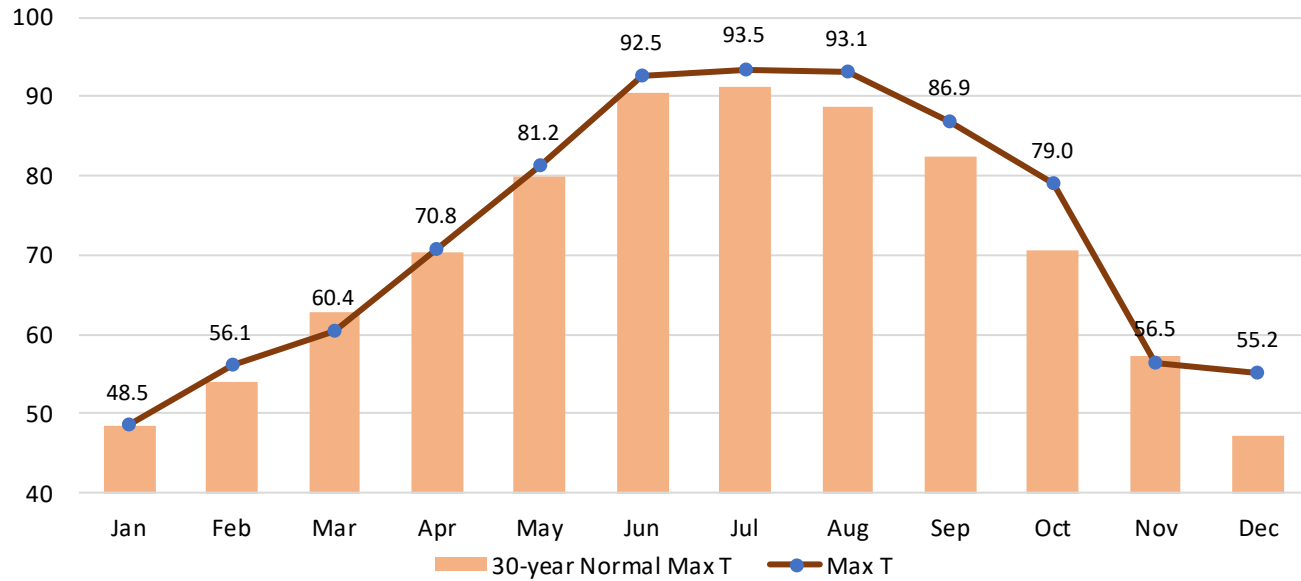
Average temperatures for the Albuquerque Sunport in 2024 were above normal for 10 out of 12 months! The first half of 2024 was relatively close to normal ( $\pm 2^\circ$ ) followed by well above normal temperatures for the rest of 2024 with the exception of November. October 2024 was the warmest October on record followed by a return to much cooler, near normal temperatures in November. Near-record warmth returned to the area with the 2<sup>nd</sup> warmest December on record.



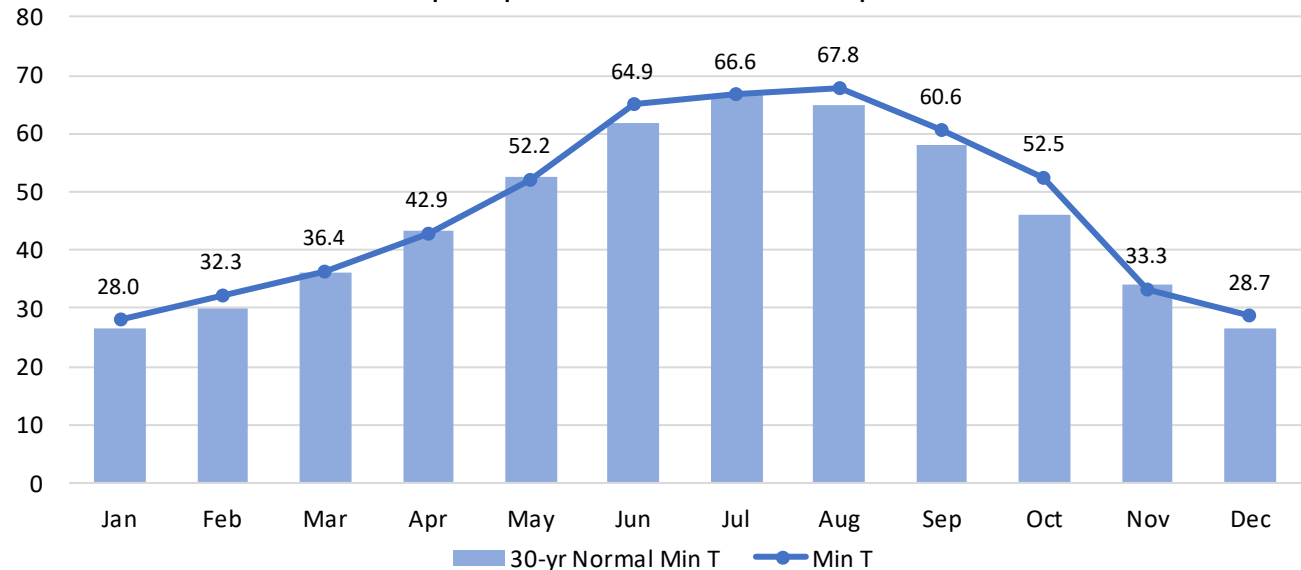
ABQ Sunport | June 9, 2024  
Courtesy NWS Albuquerque



Albuquerque 2024 Maximum Temperatures



Albuquerque 2024 Minimum Temperatures



Average maximum temperatures in 2024 contributed more to the above normal temperatures than did the average minimum temperatures. The average high temperature in October was a whopping 8.0° above the 30-year normal of 71.0°. The dramatic drop into November was just a return to near normal conditions followed by a flatline trend into December given the near record warmth once again.

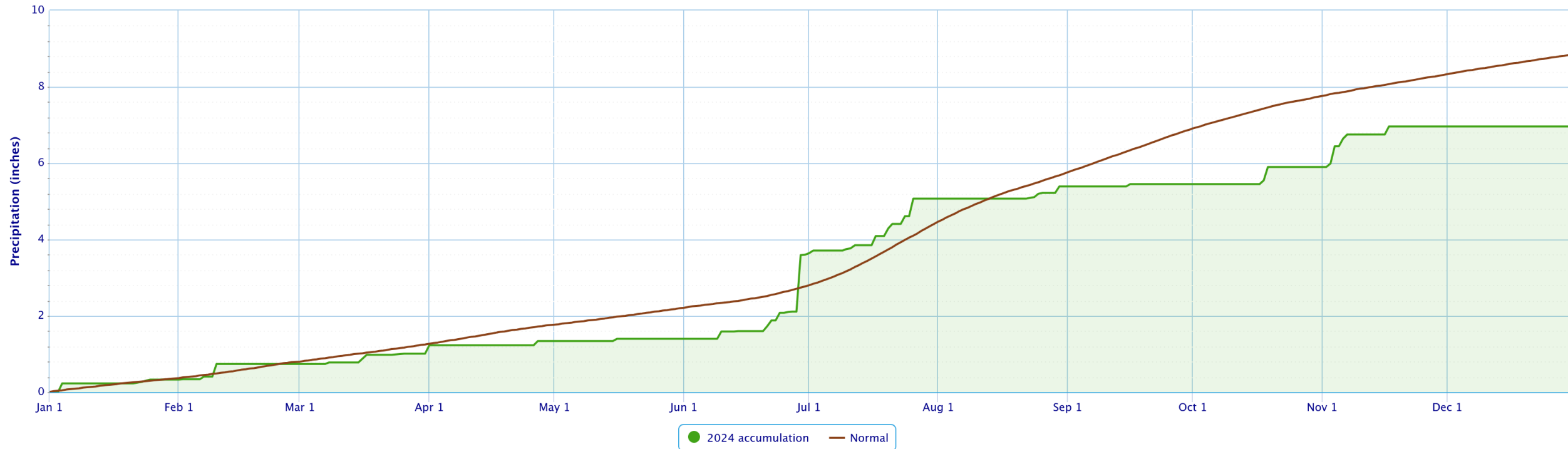


Sandia Lenticular Clouds | June 27, 2024  
 Courtesy NWS Meteorologist

**Total Precipitation: 6.96"**

Accumulated Precipitation – Albuquerque Area, NM (ThreadEx)

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

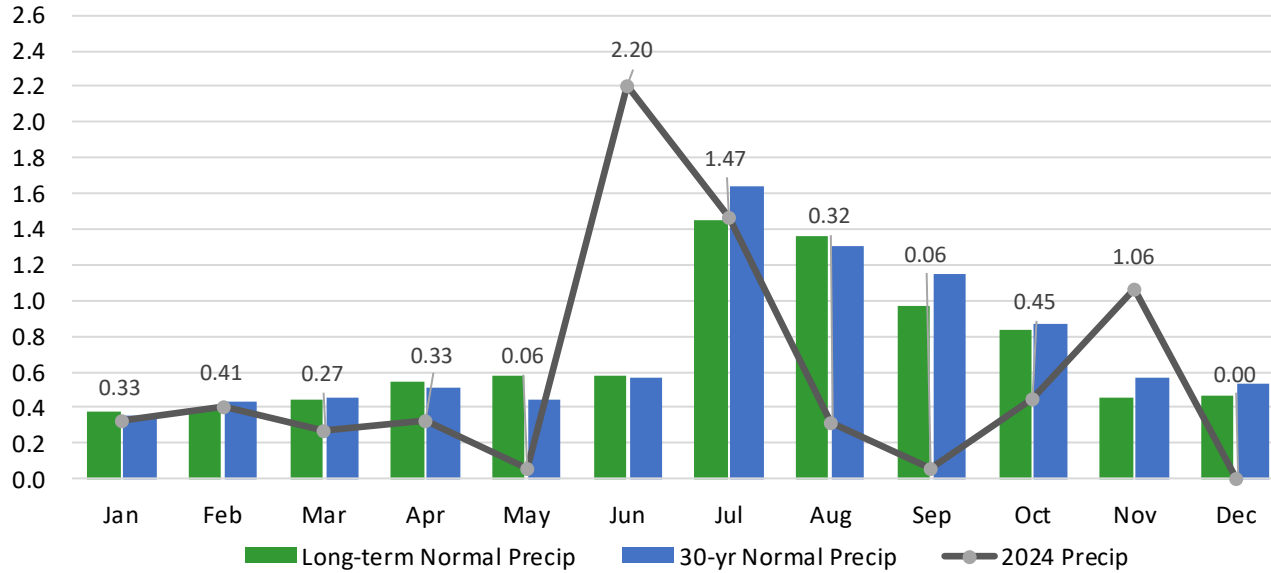


Powered by ACIS

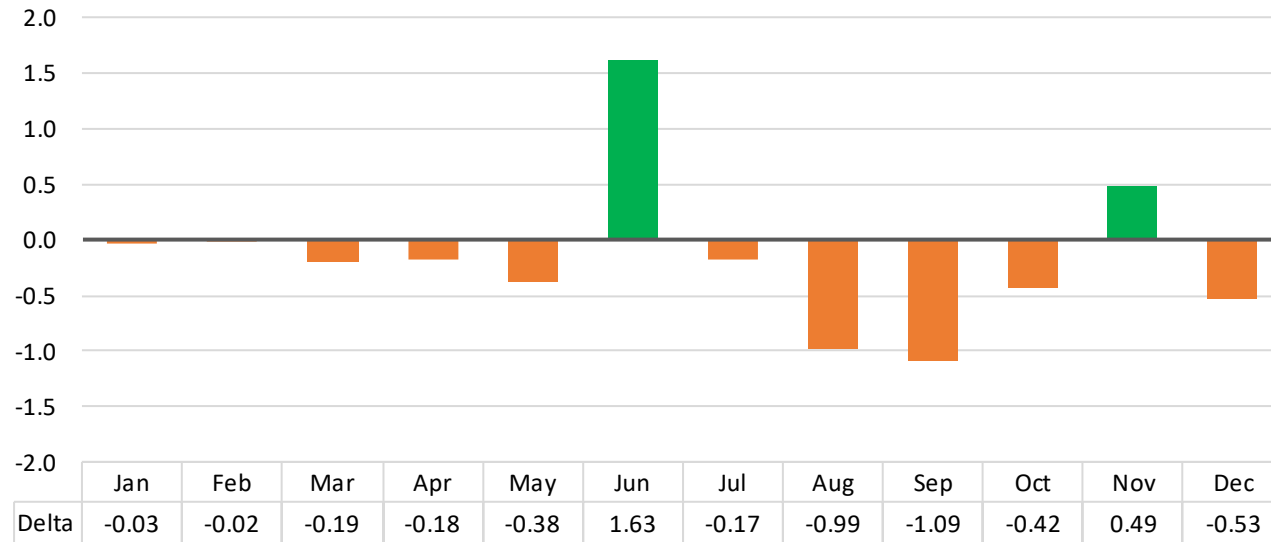
The total precipitation for Albuquerque in 2024 was 6.96", which was 1.88" below the normal yearly precipitation of 8.84". The red line is the 30-year normal accumulation expected throughout the year and the green line is the actual accumulation in 2024. This ranks as the 41<sup>st</sup> driest year on record for Albuquerque.



Albuquerque 2024 Monthly Precipitation



Albuquerque Monthly Precipitation Departure from 30-Year Normal



Precipitation at the Albuquerque Sunport for 2024 occurred in just a handful of weather events. Ten out of 12 months were below normal with almost no precipitation recorded in May and September then zero precipitation in December. June and July carried over 50% of the total precipitation for the year. The record rainfall event of 1.48” on June 29<sup>th</sup> was 21% of the entire year’s rainfall in just one storm!

There was only 5.5” of snow in calendar year 2024, compared to the normal of 7.9”.

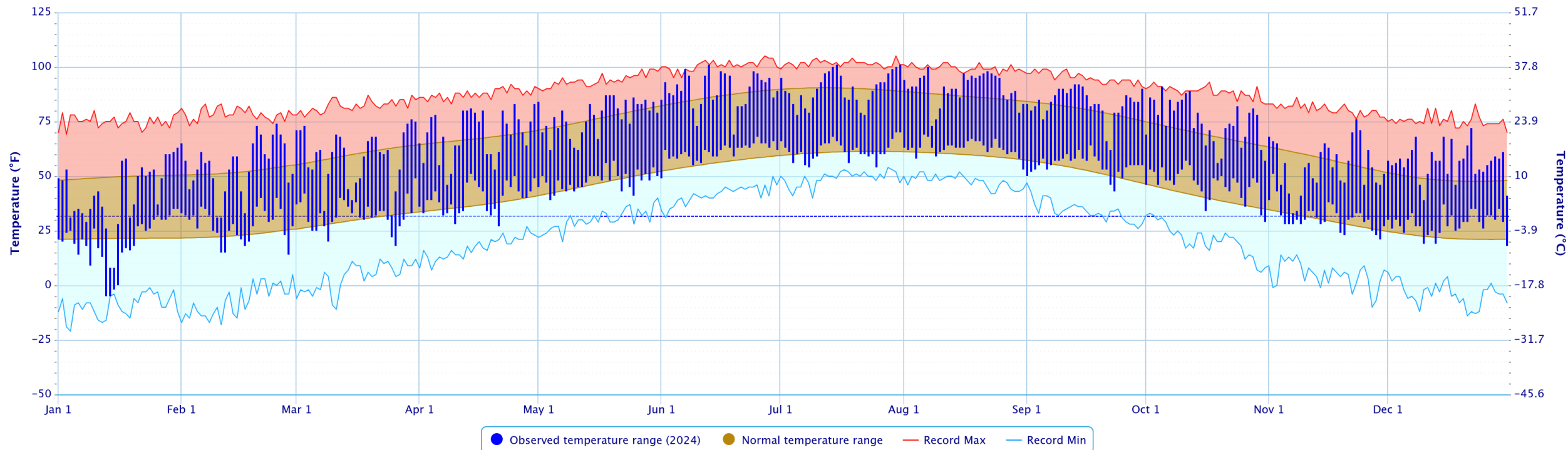


Albuquerque Flash Flood | June 29, 2024  
Courtesy Marti Reed via X

**Average Temperature: 56.5°**

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2025-01-06. Normals period: 1991-2020. Click and drag to zoom chart.

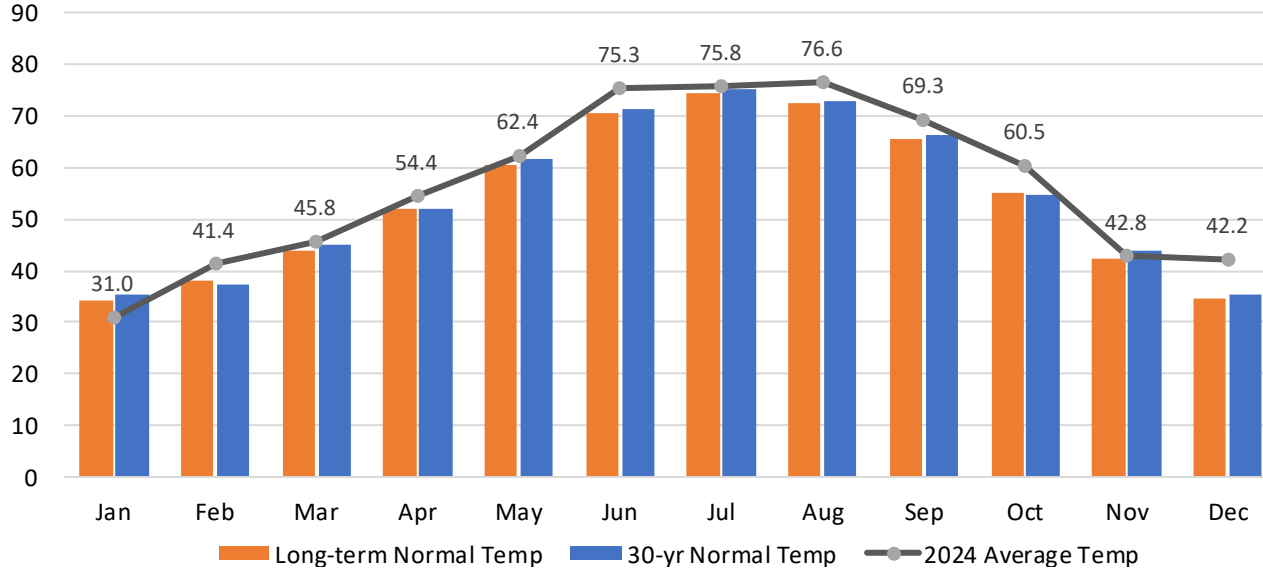


Powered by ACIS

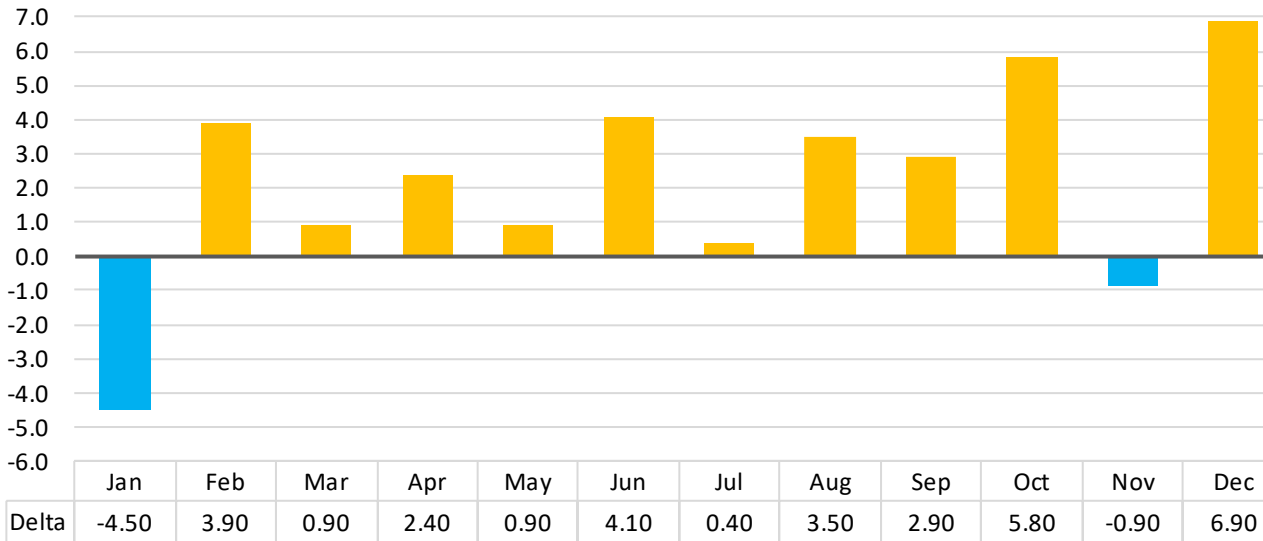
The average temperature for Clayton in 2024 was 56.5°, which was 3.1° above the normal of 53.4°. The average maximum temperature was 70.2°. This was 2.5° above the normal average maximum temperature of 67.7°. The average minimum temperature was 42.7°. This was 3.6° above the normal average minimum temperature of 39.1°. This ranks as the 3<sup>rd</sup> warmest year on record for Clayton.



Clayton 2024 Monthly Temperature



Clayton Monthly Temperature Departure from 30-Year Normal



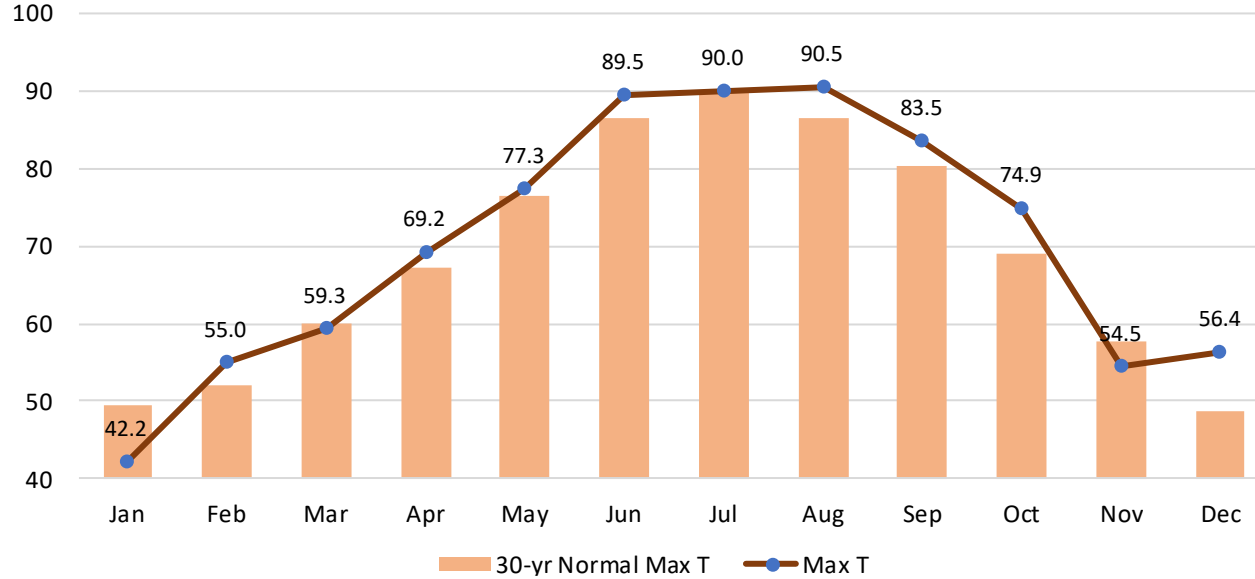
Average temperatures for the Clayton Airport in 2024 were above normal 10 out of 12 months. A cold start to the year in January rebounded above normal and stayed that way all the way through November. October was the 4<sup>th</sup> warmest on record and December was actually only the 6<sup>th</sup> warmest on record despite the nearly 7° departure above normal. Note the average temperature for December was only 0.6° cooler than November!



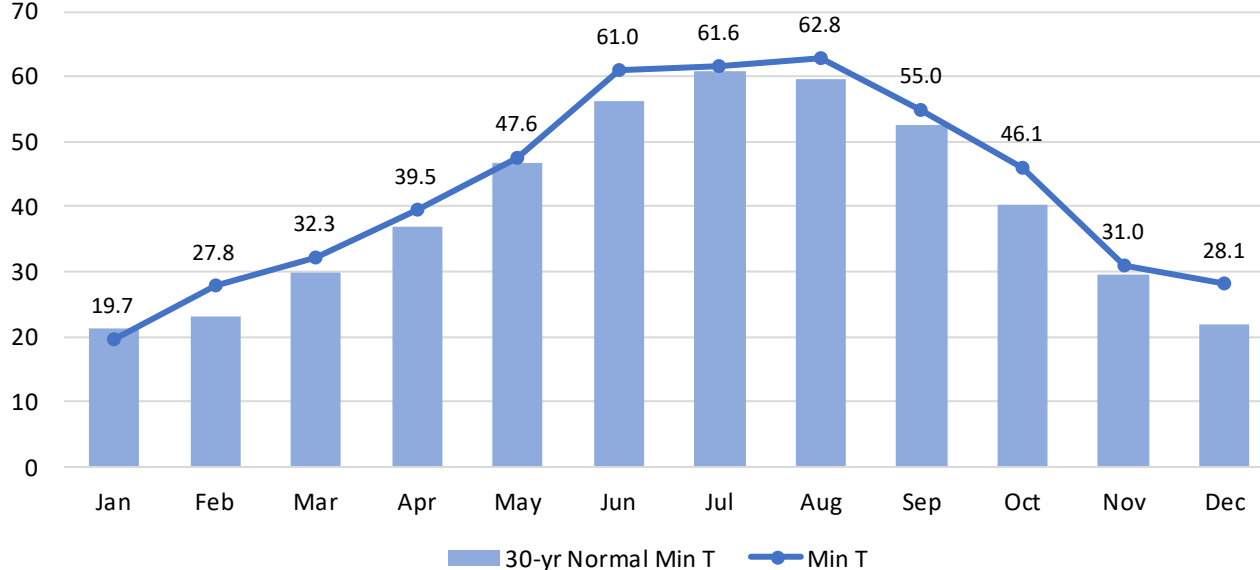
Cannon AFB | May 29, 2025  
 Courtesy Roger Hill via Facebook



Clayton 2024 Maximum Temperatures



Clayton 2024 Minimum Temperatures



Unlike Albuquerque and Roswell, average minimum temperatures drove the above normal temperatures for the most part at Clayton during 2024. Two of the more impressive statistics for 2024 were; the average maximum temperature in December was warmer than the average maximum temperature in November by almost 2 degrees, and the above normal maximum temperature in February was still beat out by December by almost 1.5 degrees!



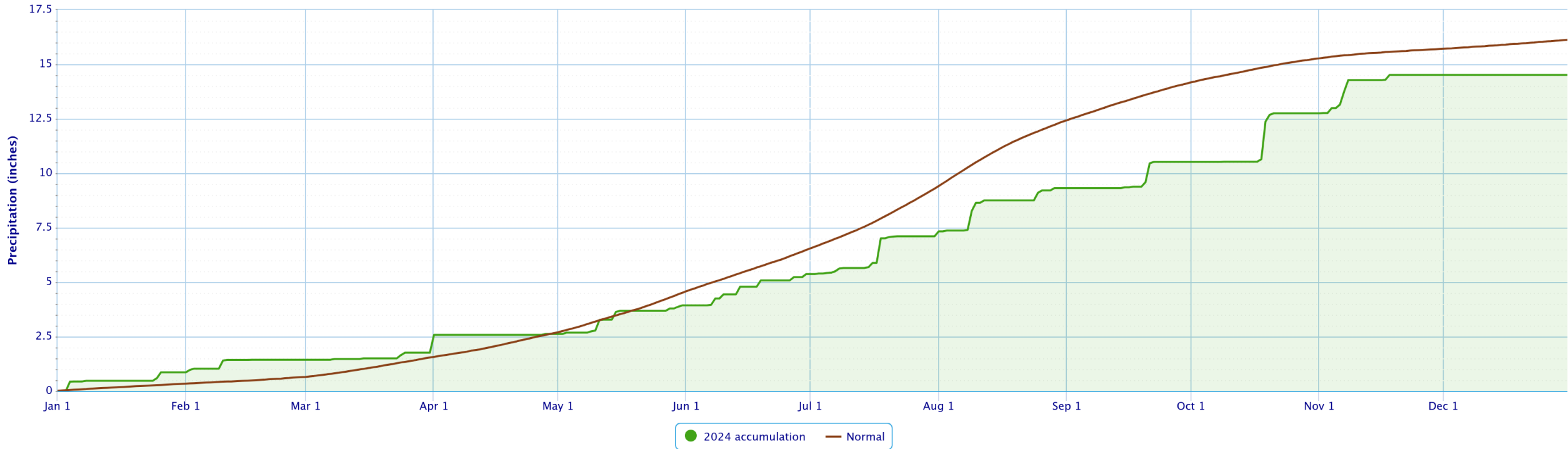
Sedillo Sunrise | November 11, 2024  
 Courtesy NWS Meteorologist



**Total Precipitation: 14.51"**

Accumulated Precipitation – Clayton Area, NM (ThreadEx)

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



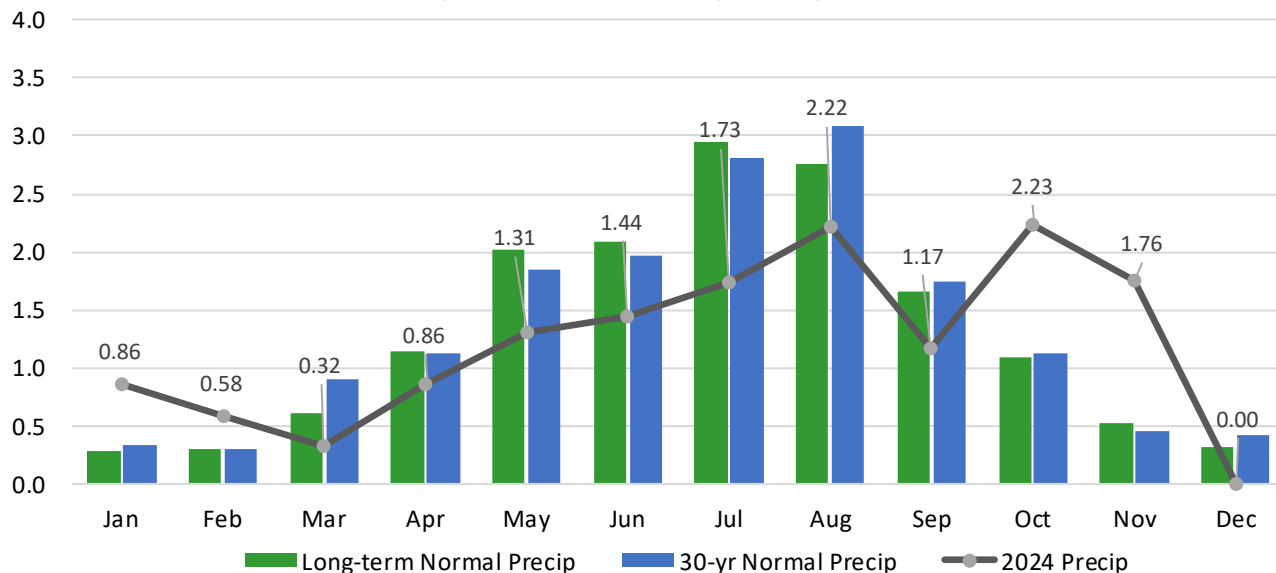
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The total precipitation for Clayton in 2024 was 14.51", which was 0.96" below the normal of 15.47". This ranks as the 55<sup>th</sup> driest year on record at Clayton.

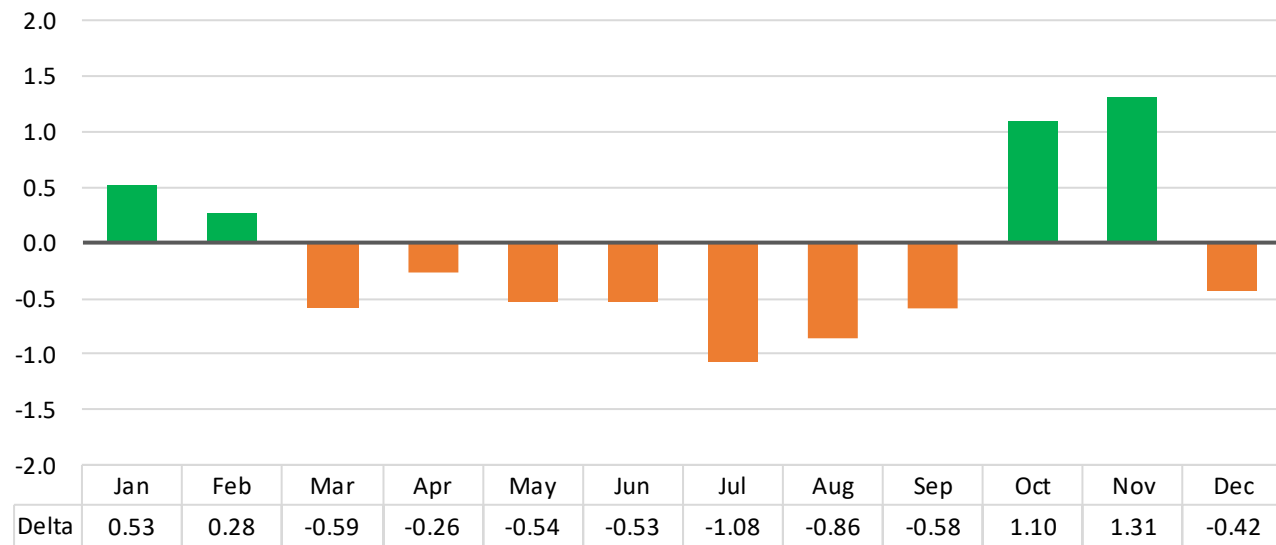




Clayton 2024 Monthly Precipitation



Clayton Monthly Precipitation Departure from 30-Year Normal



Slightly above normal precipitation to start out 2024 turned below normal in every month until October and November. Fortunately, December was the only month with zero precipitation. Despite the below normal totals, the monthly values were fairly healthy between May and November with between 1 and 2” reported each month.

There was 40.5” of snow in calendar year 2024, compared to the normal of 22.3”. More than half of this was reported in one storm in November.



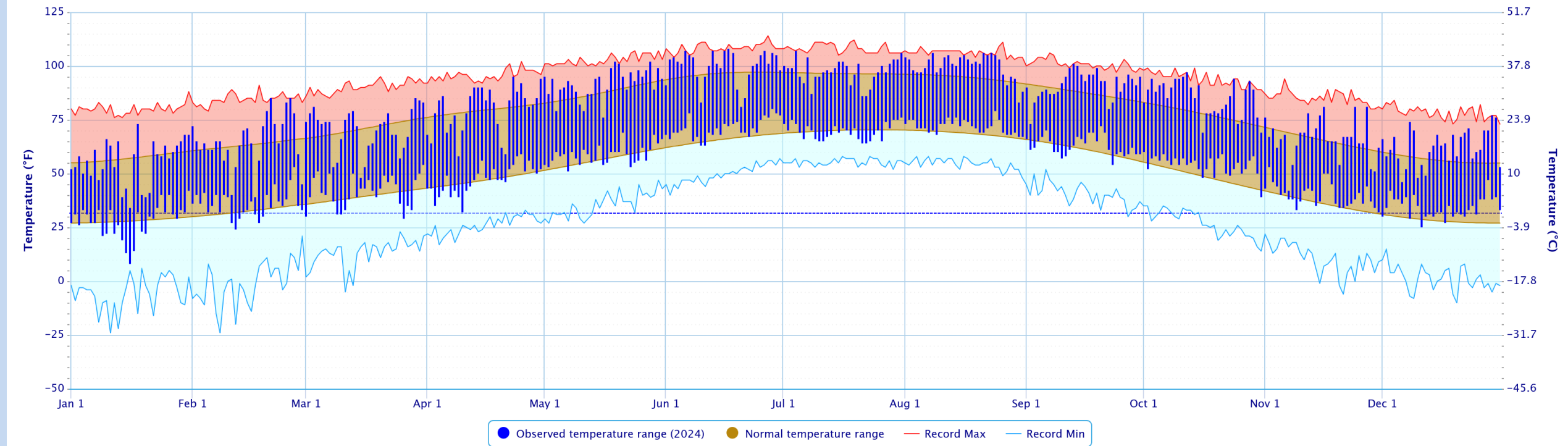
Clayton Ground Blizzard | January 8, 2024  
Courtesy Justin Drumm



Average Temperature: 65.8°

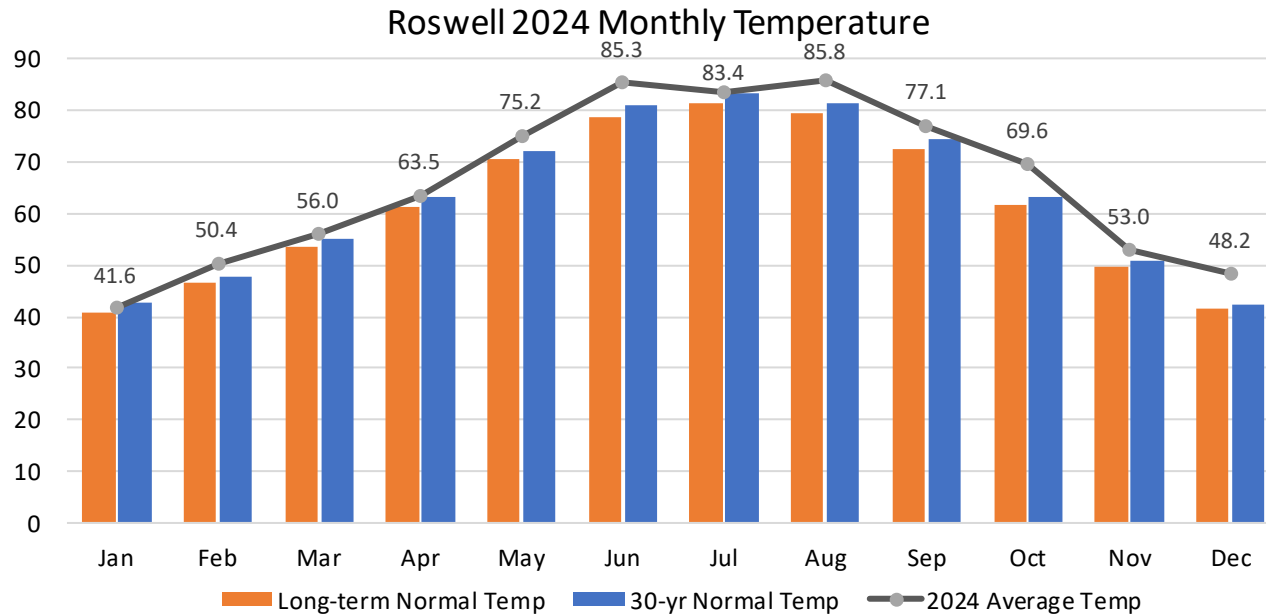
Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of Record – Max temperature: 1893-01-03 to 2025-01-06; Min temperature: 1893-01-21 to 2025-01-06. Normals period: 1991-2020. Click and drag to zoom chart.

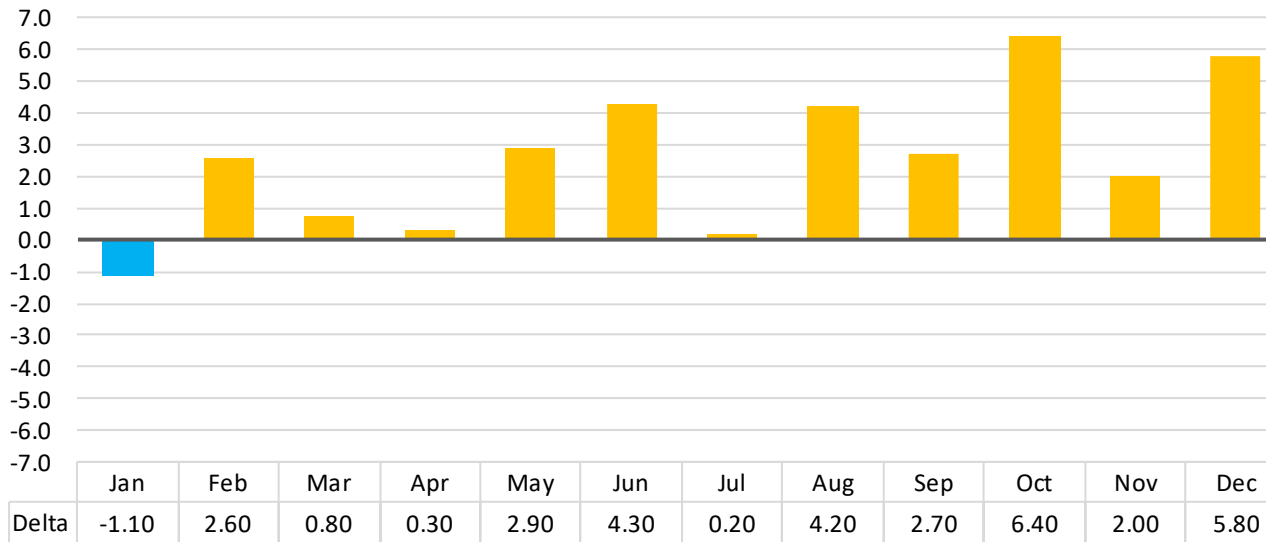


Powered by ACIS

The average temperature for Roswell in 2024 was 65.8°, which was 2.6° above the normal of 63.2°. The average maximum temperature was 80.4°. This was 2.6° above the average maximum temperature of 77.8°. The average minimum temperature was 51.1°. This was 2.4° above the normal average minimum temperature of 48.7°. **This ranks as the warmest year on record for Roswell.**



### Roswell Monthly Temperature Departure from 30-Year Normal



Average temperatures at the Roswell Airport in 2024 were well above normal once again. Only one month of the entire year was below normal. October was the warmest on record and December was the 2<sup>nd</sup> warmest on record. There were 56 days at or above 100° in Roswell which was an improvement over the 67 days in 2023. This was still the 4<sup>th</sup> greatest number of 100° days on record for a year. There were 19 days at or above 105° which was tied for 2<sup>nd</sup> most in any year behind 2023.

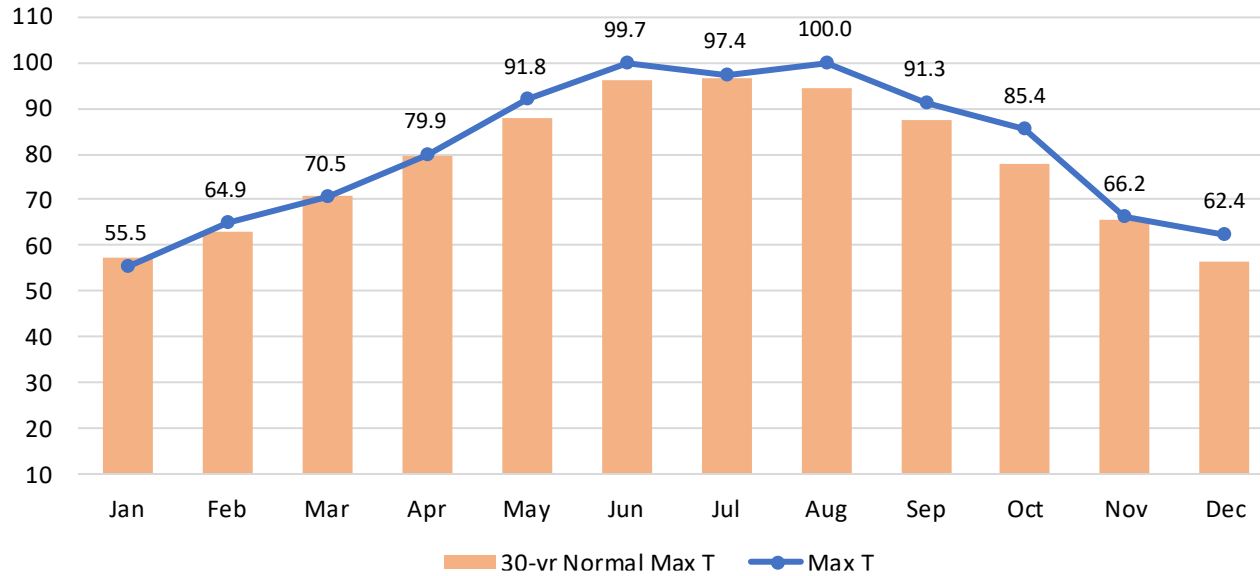


2-27-2024  
Wendell L. Malone

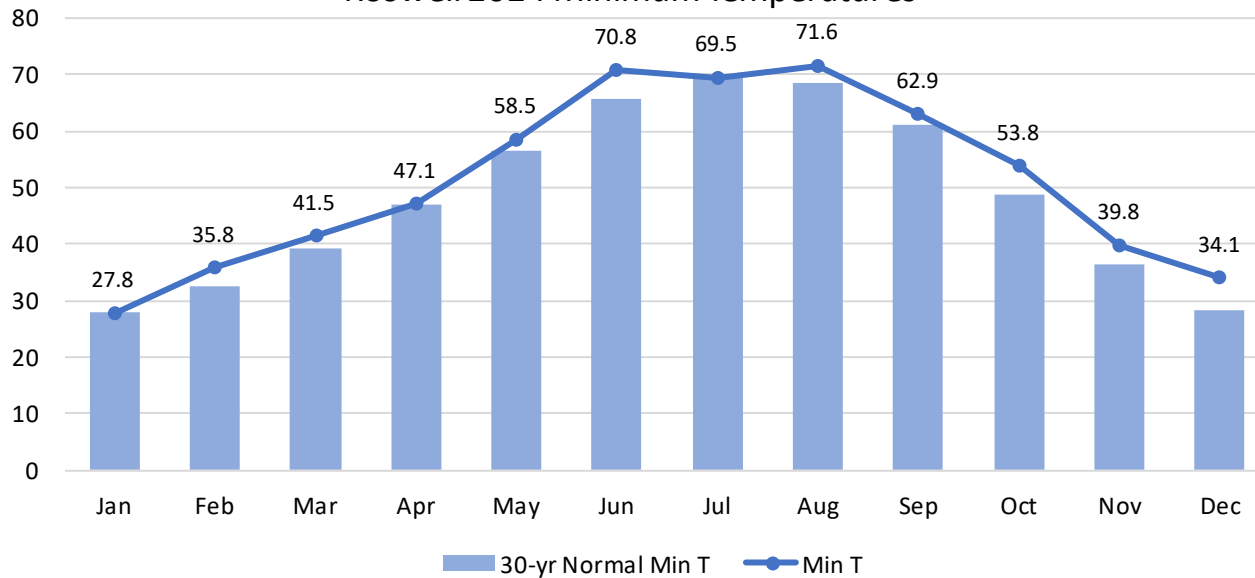
State Road 2 Dust Storm near Roswell | February 27, 2024  
Courtesy Wendell Malone



Roswell 2024 Maximum Temperatures



Roswell 2024 Minimum Temperatures



It was another brutally hot year for Roswell, especially the summer months. June 2024 was the warmest on record, August was the 4<sup>th</sup> warmest on record, October was the warmest on record, and December was the 2<sup>nd</sup> warmest on record. The average high temperature of 100.0° in August was the 13<sup>th</sup> warmest of all-time since records began in 1893.



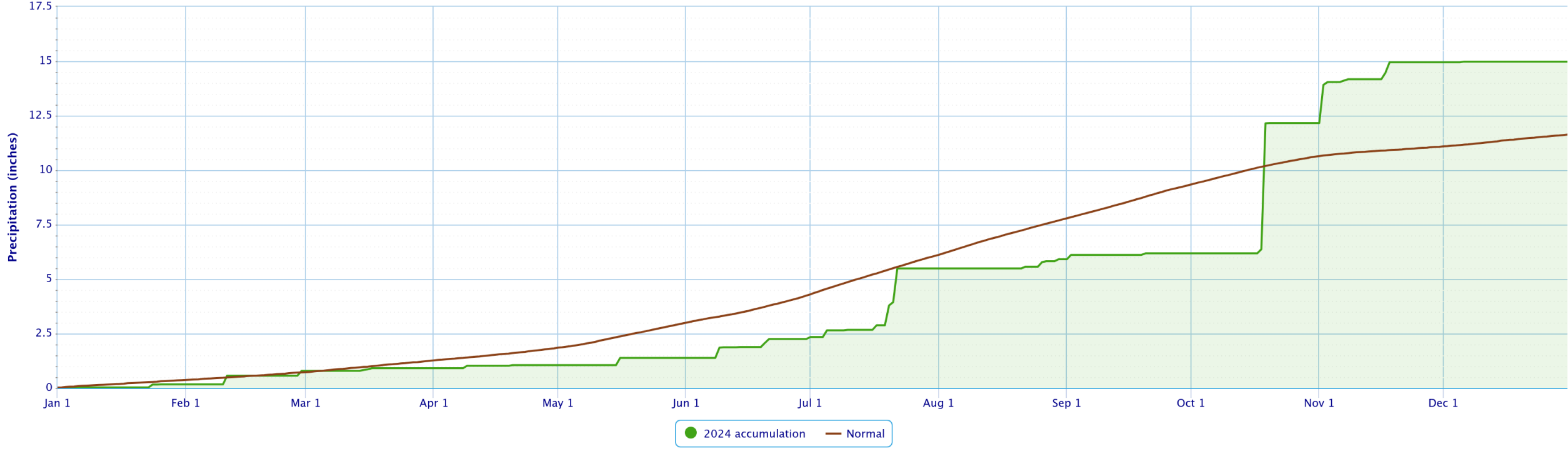
Hagerman Landspout | June 26, 2024  
 Courtesy Jim Tucker



**Total Precipitation: 14.98"**

Accumulated Precipitation – Roswell Area, NM (ThreadEx)

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

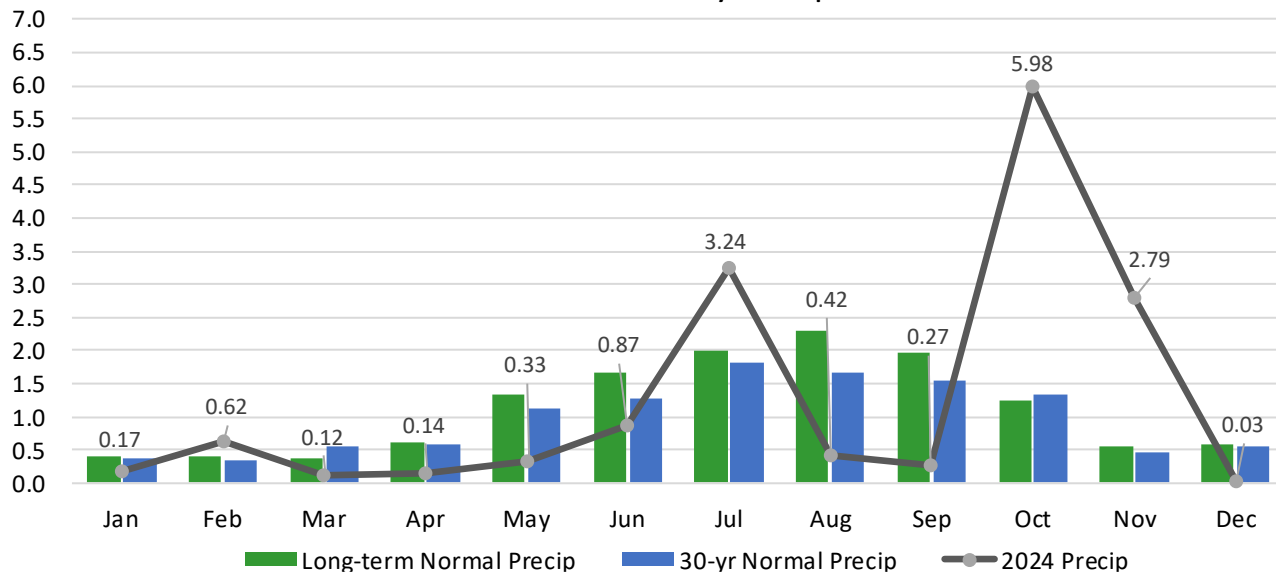


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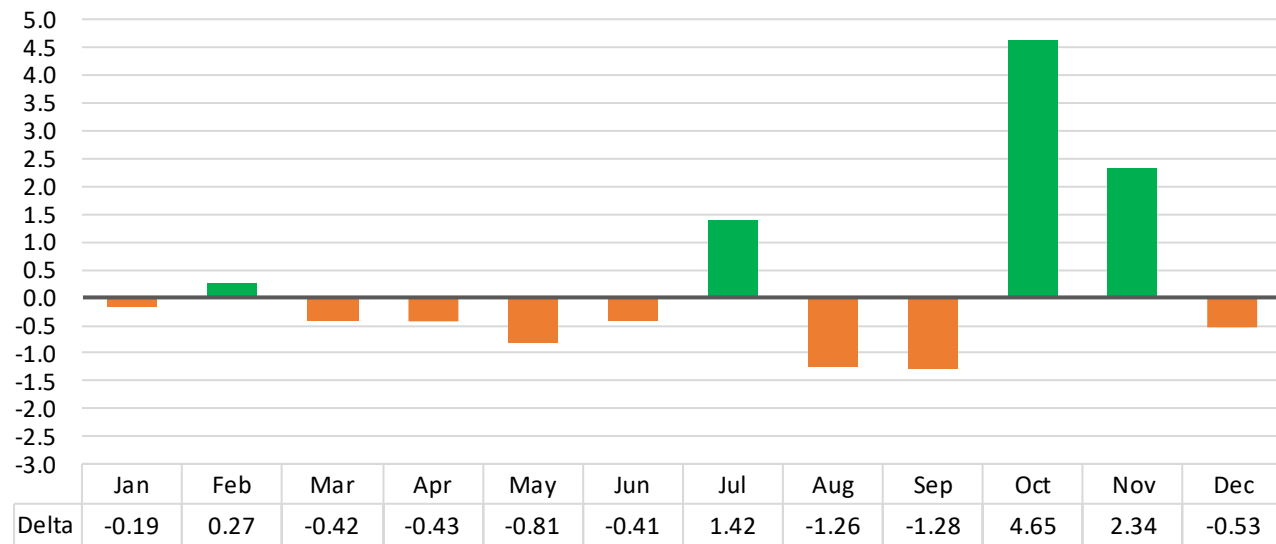
The total precipitation for Roswell in 2024 was 14.98", which was 3.35" above the normal of 11.63". This ranks as the 34<sup>th</sup> wettest year on record for Roswell.



Roswell 2024 Monthly Precipitation



Roswell Monthly Precipitation Departure from 30-Year Normal










Precipitation at the Roswell Industrial Air Park was above normal for 2024. A new all-time daily precipitation record was set on October 19<sup>th</sup> when 5.78” was reported. This one storm accounted for almost 40% of the entire yearly total. July and November also reported above normal precipitation which made up another 40% of the yearly total. The rest of the year was mostly dry.

There was 6.0” of snow in calendar year 2024, compared to the normal of 9.6”.



Dora Hail | May 28, 2024  
Courtesy Corbin Voges



-  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](mailto:sr-abq.webmaster@noaa.gov)
-  NWS Albuquerque Facebook
-  @NWSAlbuquerque & #nmwx