

2022 was warmer & slightly wetter than normal for New Mexico

2022 Statewide Averages	
Temperature	Precipitation
54.6° (T)	14.19"
+1.8° (1901-2000)	+0.20" (1901-2000)
17 th Warmest (1895-2022)	55 th Wettest (1895-2022)

2022 marks the 30th consecutive year with above normal temperatures in NM compared to the long-term statewide average from 1901 to 2000. Precipitation was above normal for the first time since 2017. Climate data cities below use the normal period from 1991 to 2020. (T) is used for tie.

2022	Average Temperature	Departure	Rank	Total Precipitation	Departure	Rank	Period of Record (years)
New Mexico	54.6°	+1.8°	17 th warmest	14.19"	+0.20"	55 th wettest	128
Albuquerque	58.1°	+0.2°	20 th warmest (T)	9.31"	+0.47"	48 th wettest (T)	130
Clayton	54.4°	+0.1°	29 th warmest (T)	10.18"	-5.94"	9 th driest	127
Roswell	63.3°	+0.1°	7 th warmest	10.08"	-1.55"	46 th driest	130

**all data is considered preliminary until final certification at the National Centers for Environmental Information (NCEI).
 City rankings only include years with 10 days or less of missing data.*



ABQ Metro | February 2, 2022
Courtesy NMDOT



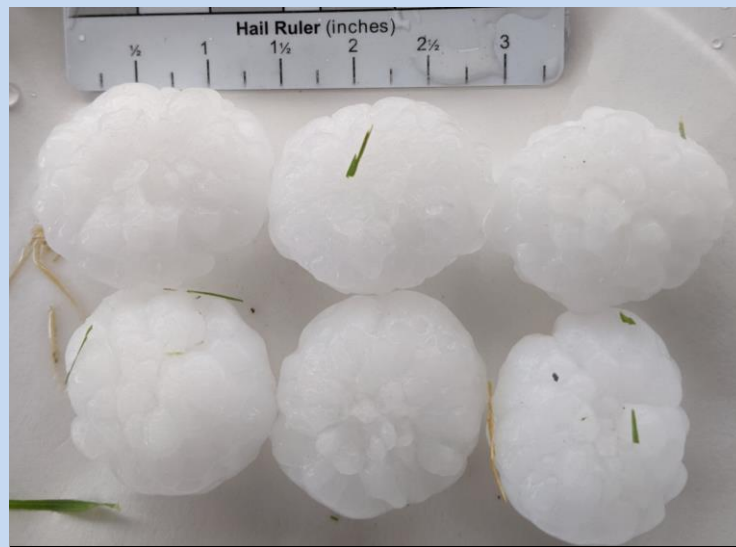
Kewa Pueblo I-25 Dust Storm | April 22, 2022
Courtesy Russell Contreras



Portales Mammatus | May 10, 2022
Courtesy John Houser



Hermits Peak – Calf Canyon Fire | May 15, 2022
Courtesy Kristina@elementalmama via Twitter



Clovis Hail | May 23, 2022
Courtesy Dotty Wilmon



Crownpoint Funnel | June 27, 2022
Courtesy Lauren Pablo

2022 Annual Climate Summary

Photos

Weather Forecast Office
Albuquerque, NM
Issued January 22, 2023 8:24 AM MDT



Armenta Wash CR-4990 | August 16, 2022
Courtesy Mike Mestas



Gavilan Canyon | August 17, 2022
Courtesy Joe Kenmore



SR-434 near Mora | August 18, 2022
Courtesy Jeremy Michael



Bernardo | October 8, 2022
Courtesy Amy M Howard



Valdez | November 4, 2022
Courtesy @dgarritysantafe via Twitter



SR-249 east of Hagerman | November 25, 2022
Courtesy Hagerman Police Dept

2022 Annual Climate Summary

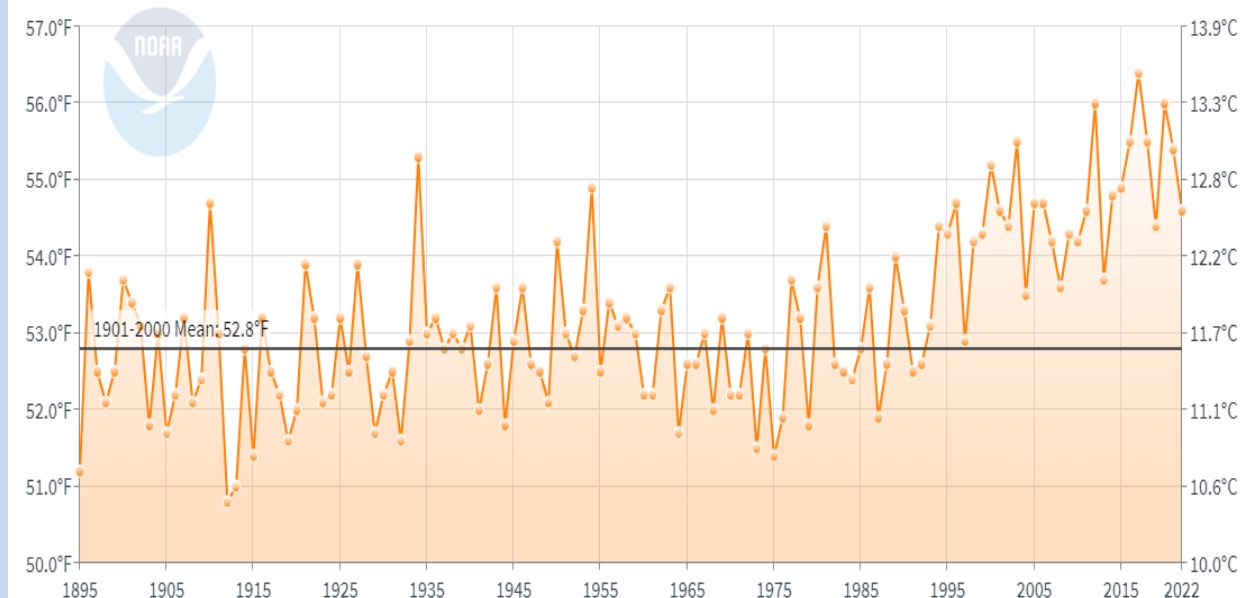
Statewide Temperature & Precipitation Trends



Temperature

New Mexico Average Temperature

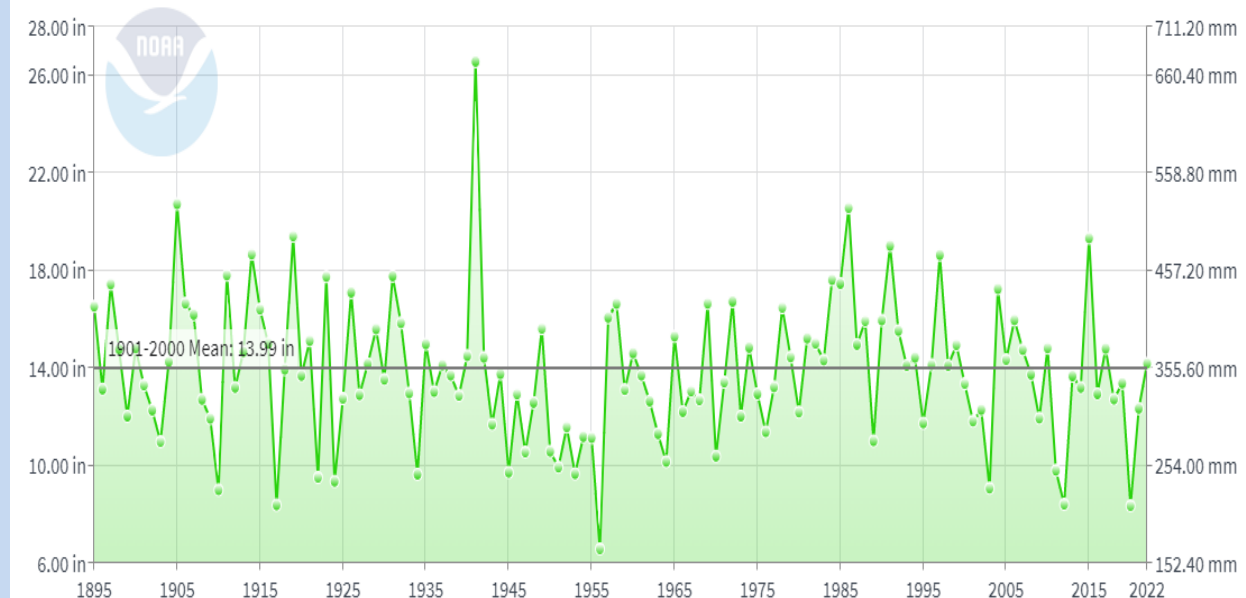
January-December



Precipitation

New Mexico Precipitation

January-December



The average statewide temperature was 54.6° which was 1.8° above the long-term normal of 52.8° (1901-2000). This ranks as the 17th warmest year on record for New Mexico (1895-2022).

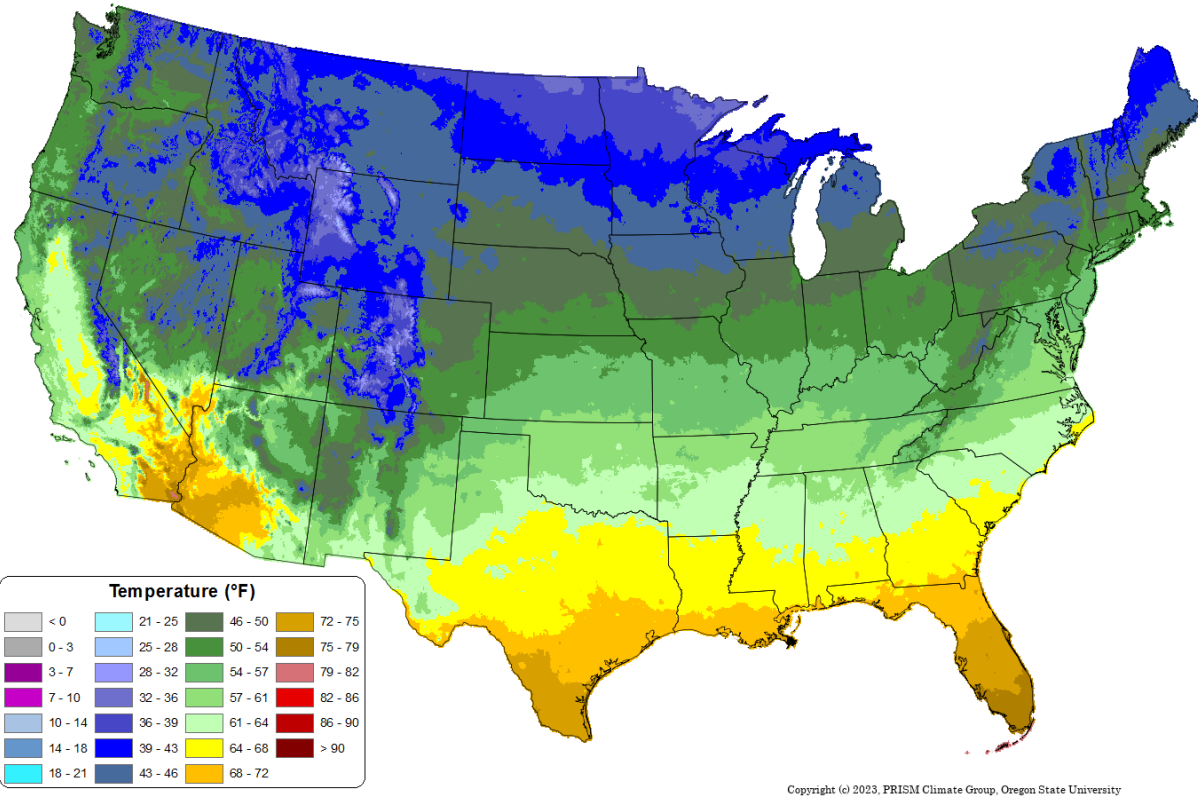
The average statewide precipitation was 14.19" which was 0.20" above the long-term normal of 13.99" (1901-2000). This ranks as the 55th wettest year on record for New Mexico (1895-2022).



Actual

Average Annual Mean Temperature: 2022

(Map created 18 Jan 2023)



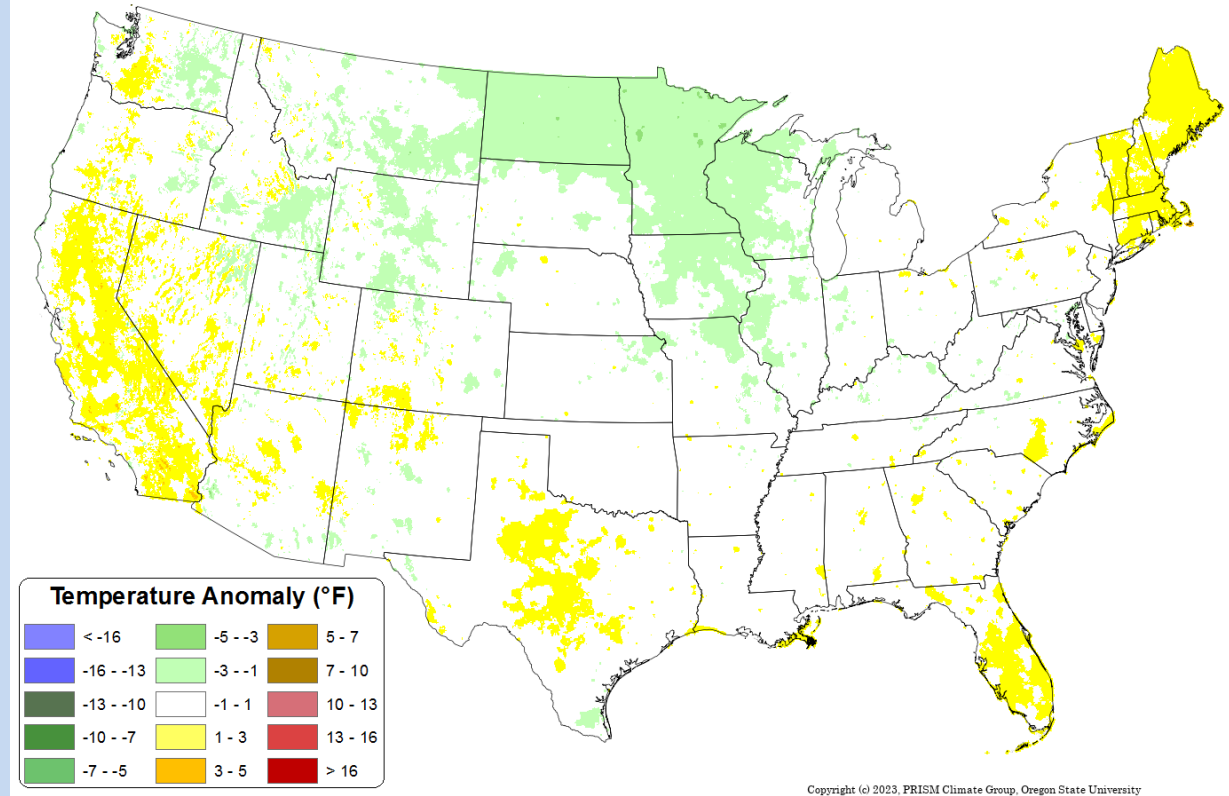
Anomaly

Annual Daily Mean Temperature Anomaly: 2022

Period ending 31 Dec 2022

Base period: 1991-2020

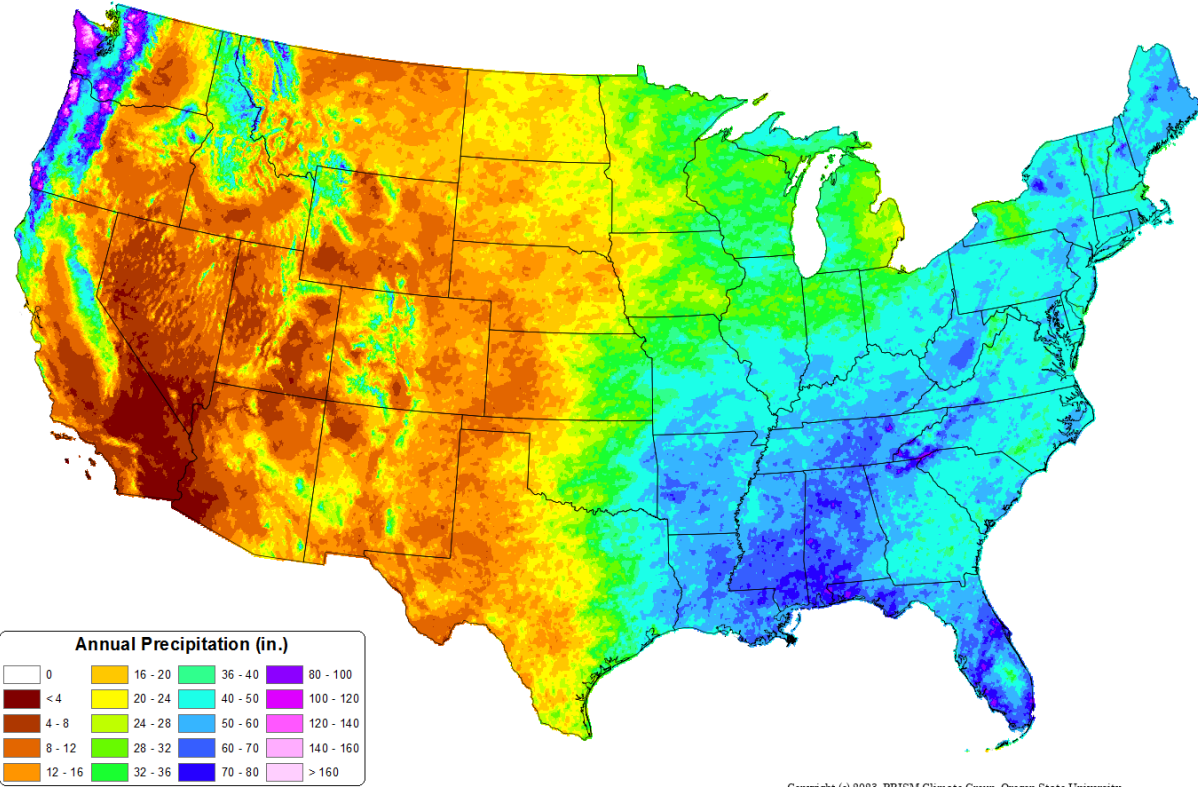
(Map created 18 Jan 2023)



Actual

Annual Precipitation: 2022

(Map created 18 Jan 2023)



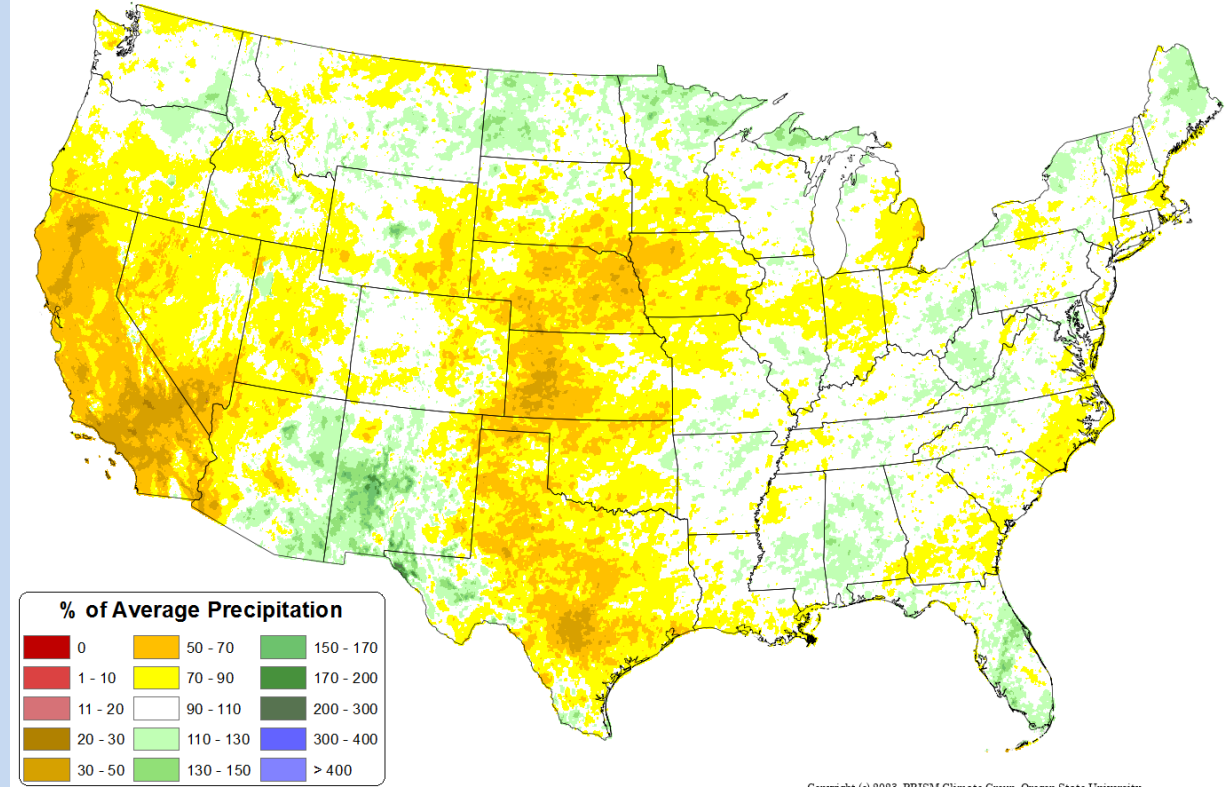
Anomaly

Total Annual Precipitation Anomaly: 2022

Period ending 31 Dec 2022

Base period: 1991-2020

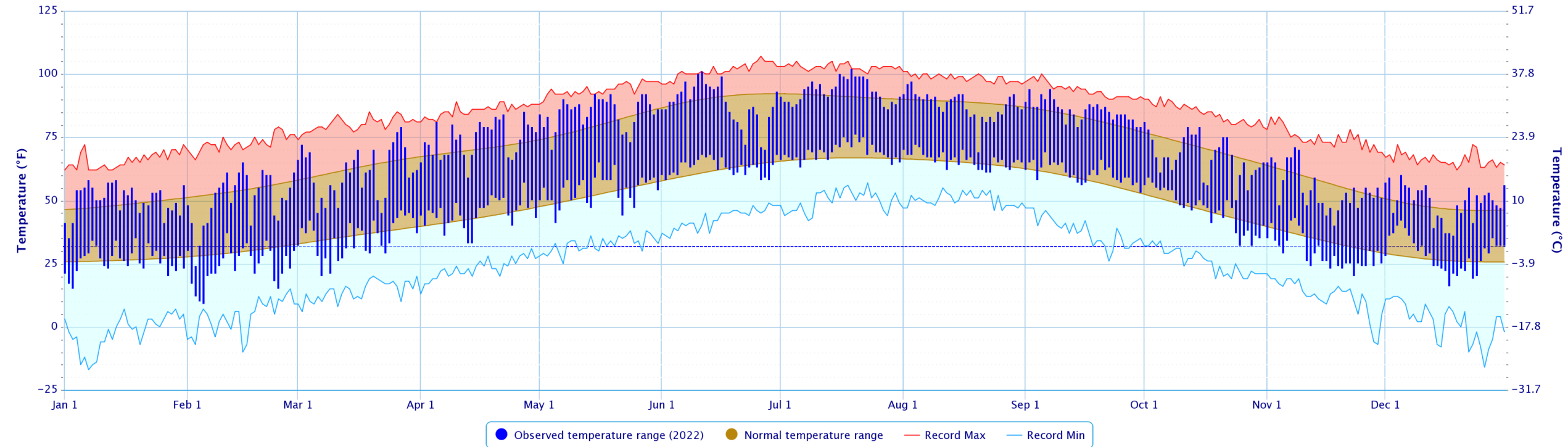
(Map created 18 Jan 2023)



Average Temperature: 58.1°

Daily Temperature Data – Albuquerque Area, NM (ThreadEx)

Period of Record – 1891-12-01 to 2023-01-03. Normals period: 1991-2020. Click and drag to zoom chart.

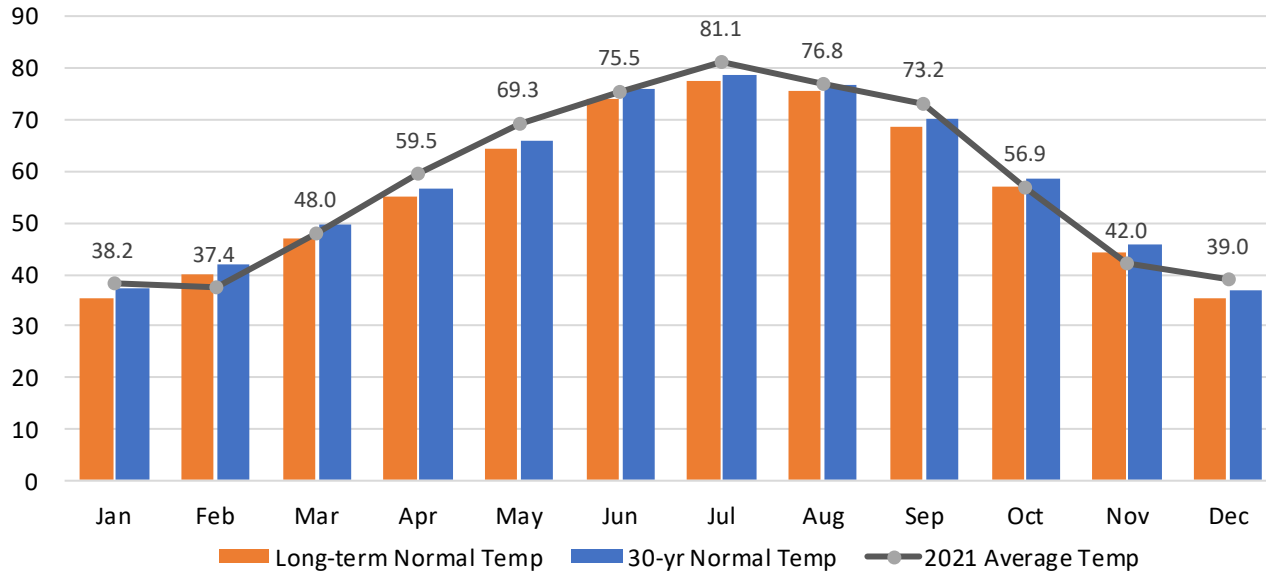


Powered by ACIS

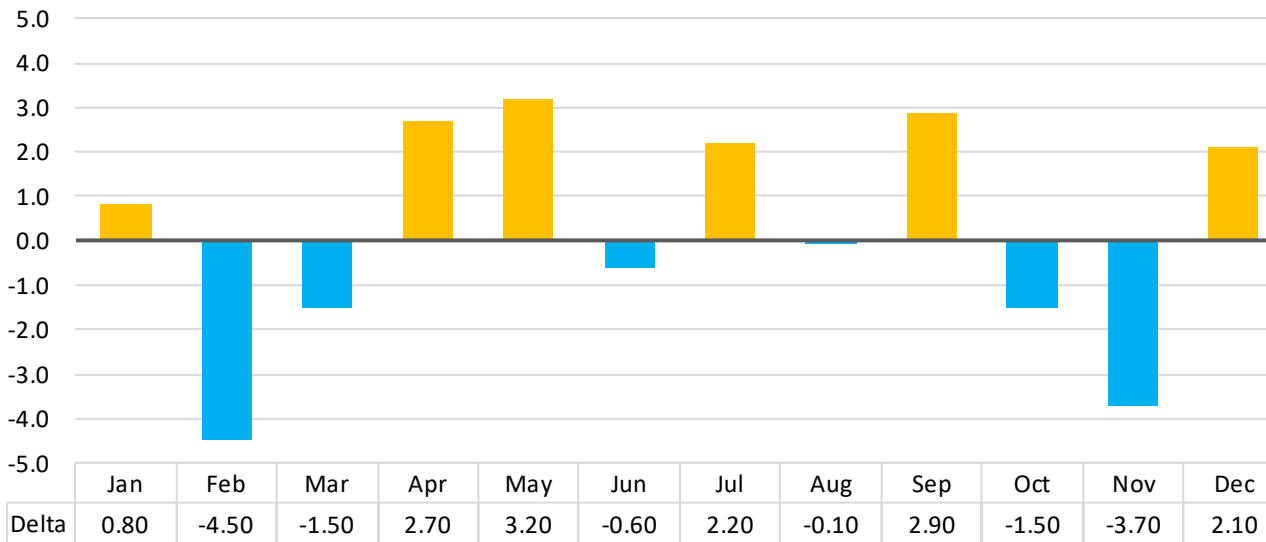
The average temperature for Albuquerque in 2022 was 58.1°, which was 0.2° above the normal of 57.9°. The average maximum temperature was 70.6°. This was 0.3° above the normal average maximum temperature of 70.3°. The average minimum temperature was 45.5°. This was exactly the normal average minimum temperature of 45.5°.



Albuquerque 2022 Monthly Temperature



Albuquerque Monthly Temperature Departure from 30-Year Normal



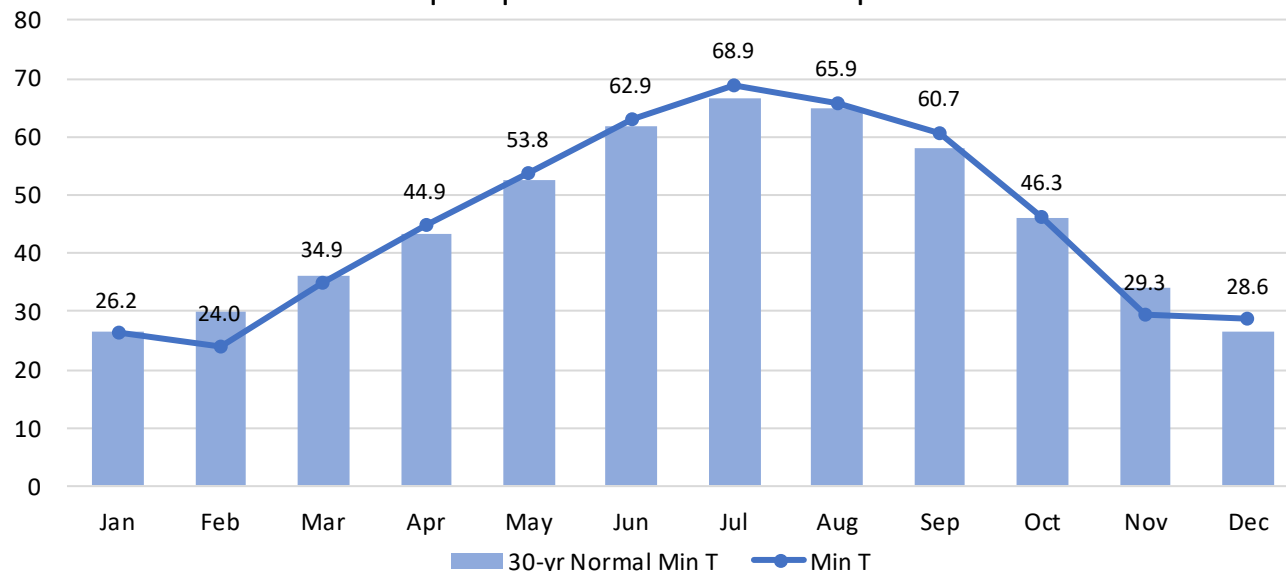
Average temperatures for the Albuquerque Sunport in 2022 were slightly above normal. Average temperatures took a rollercoaster ride in 2022 with several dramatic swings from well below normal to well above normal. February was very cold with an impressive 4.5° below normal followed by a cold March at 1.5° below normal. April and May were above normal with ups and downs throughout August until the summer ended with a warm September. October was below normal followed by a cold November at 3.7° below normal.



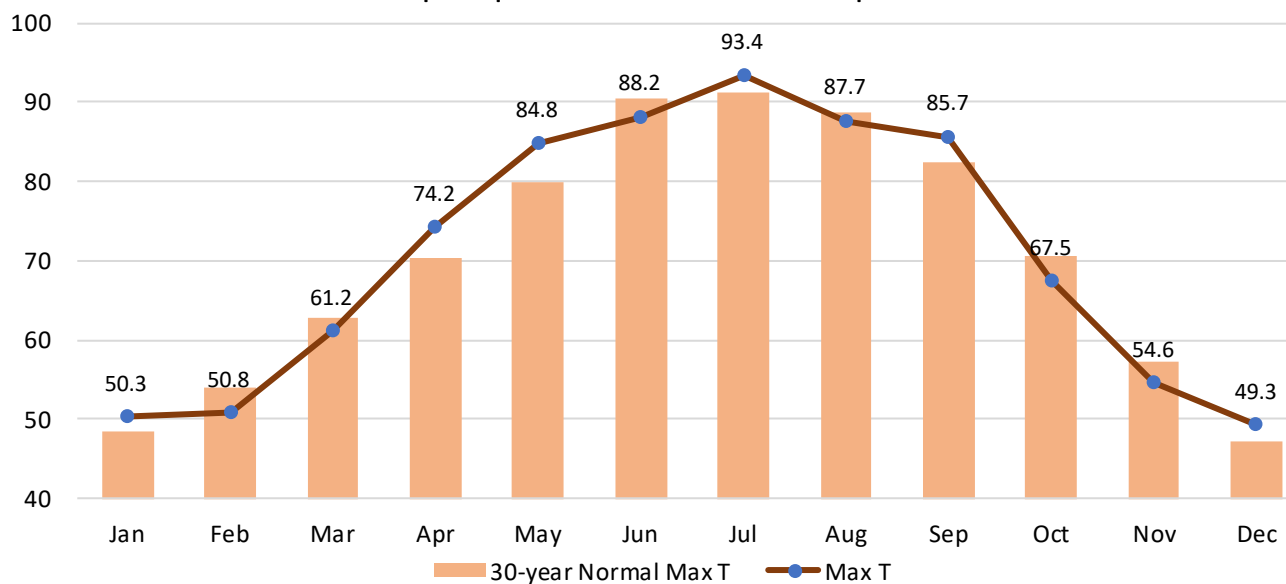
Santa Fe | December 12, 2022
Courtesy Marilee Tenant



Albuquerque 2022 Minimum Temperatures



Albuquerque 2022 Maximum Temperatures



Average minimum temperatures for the Albuquerque Sunport in 2022 were near normal and maximum temperatures were slightly above normal. February and November low temperatures were well below normal while April, May, and September high temperatures were well above normal. February low temperatures were an impressive 5.8° below normal and May high temperatures were 4.9° above normal! This rollercoaster ended up balancing out the year as a whole to just slightly above normal temperatures.



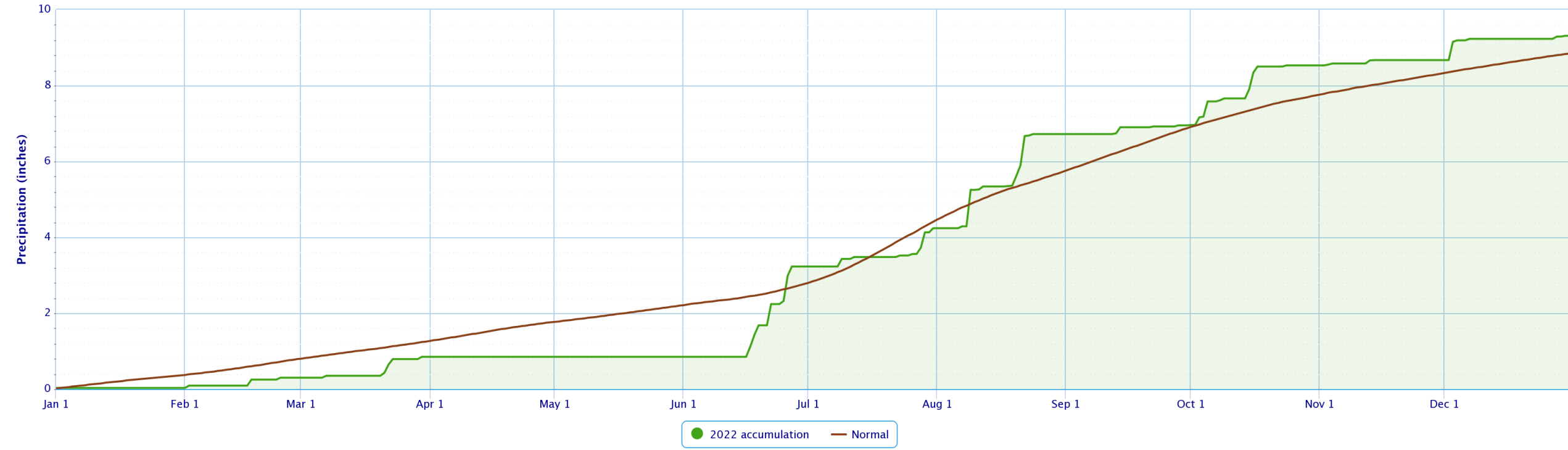
Sandia Mountains | December 12, 2022
Courtesy Don Ivie



Total Precipitation: 9.31"

Accumulated Precipitation – Albuquerque Area, NM (ThreadEx)

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

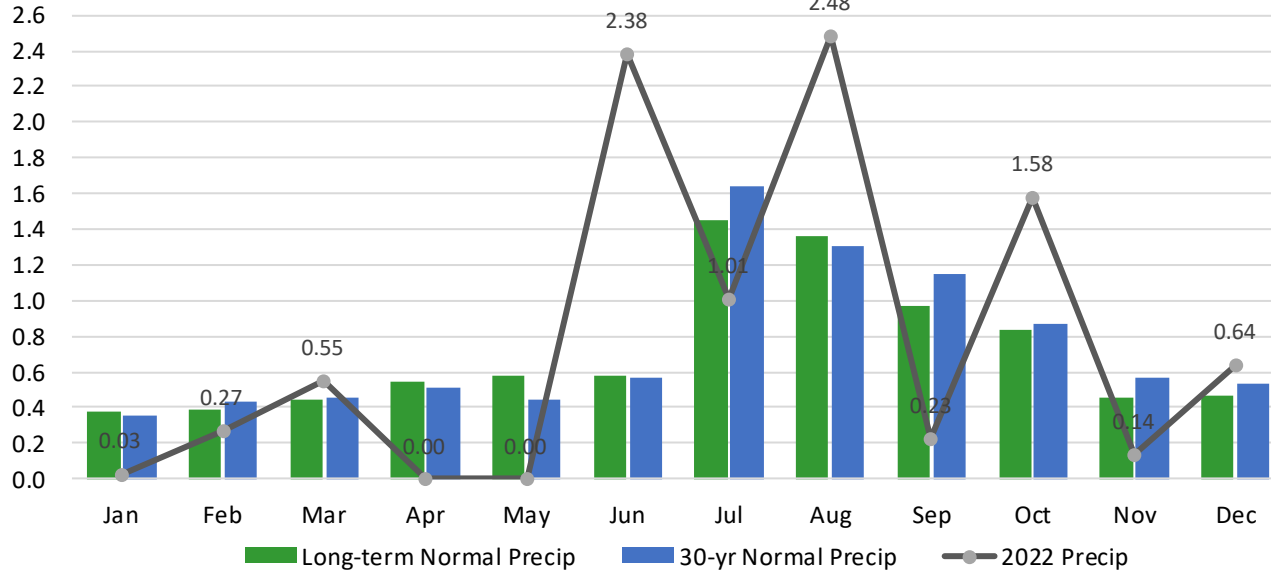


Powered by ACIS

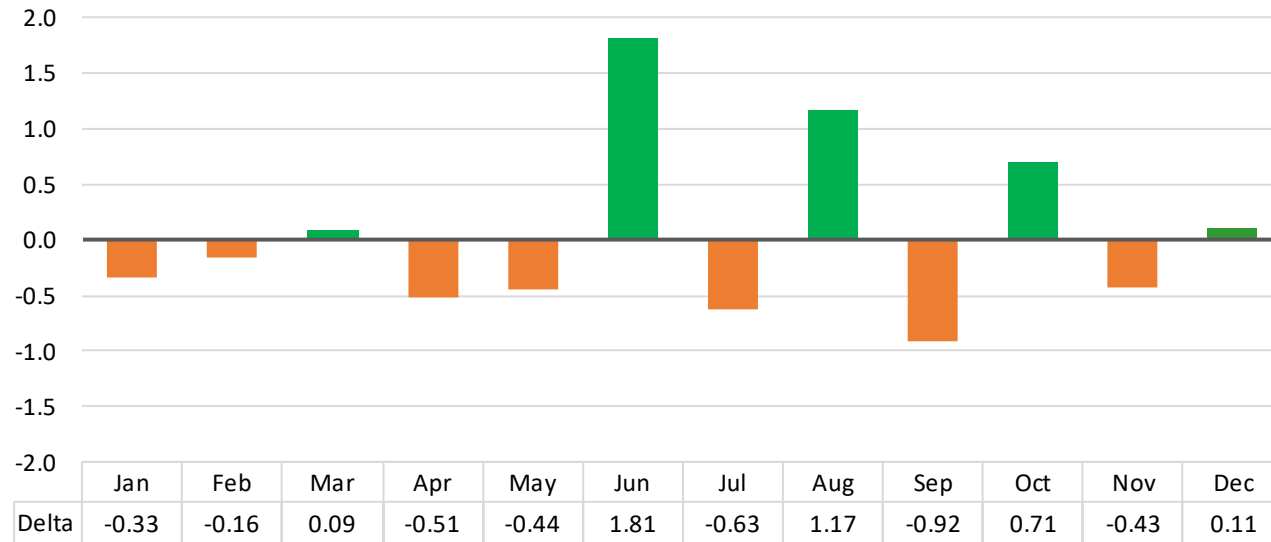
The total precipitation for Albuquerque in 2022 was 9.31", which was 0.47" above the normal yearly precipitation of 8.84".



Albuquerque 2022 Monthly Precipitation



Albuquerque Monthly Precipitation Departure from 30-Year Normal



Precipitation at the Albuquerque Sunport for 2022 was slightly above normal. June, August, and October were well above normal but drier than normal conditions prevailed during most months, especially April and May when no measurable precipitation was reported. This was the 48th wettest year on record.

There was 9.4” of snow in calendar year 2022, compared to the normal of 7.9”.

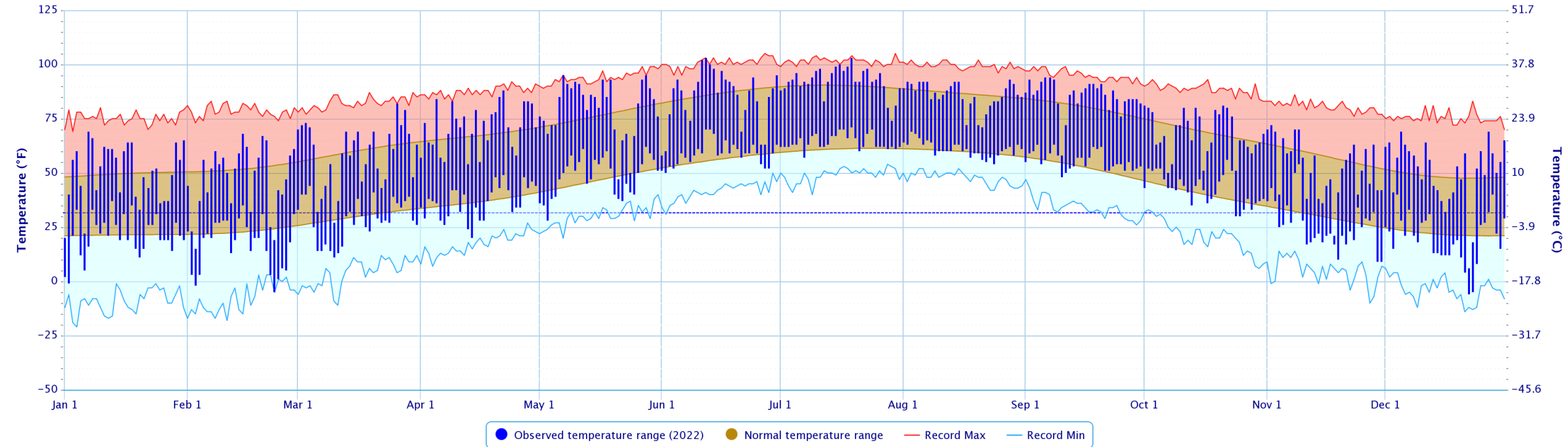


Albuquerque | July 1, 2022
Courtesy Julie Henry

Average Temperature: 54.4°

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2023-01-03. Normals period: 1991-2020. Click and drag to zoom chart.

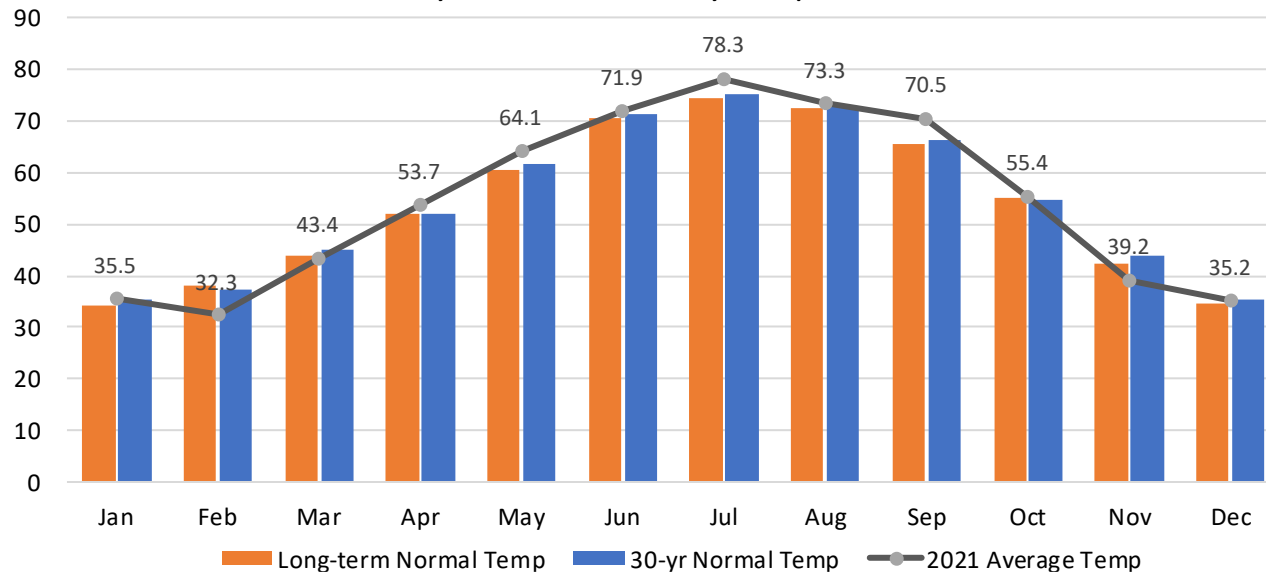


Powered by ACIS

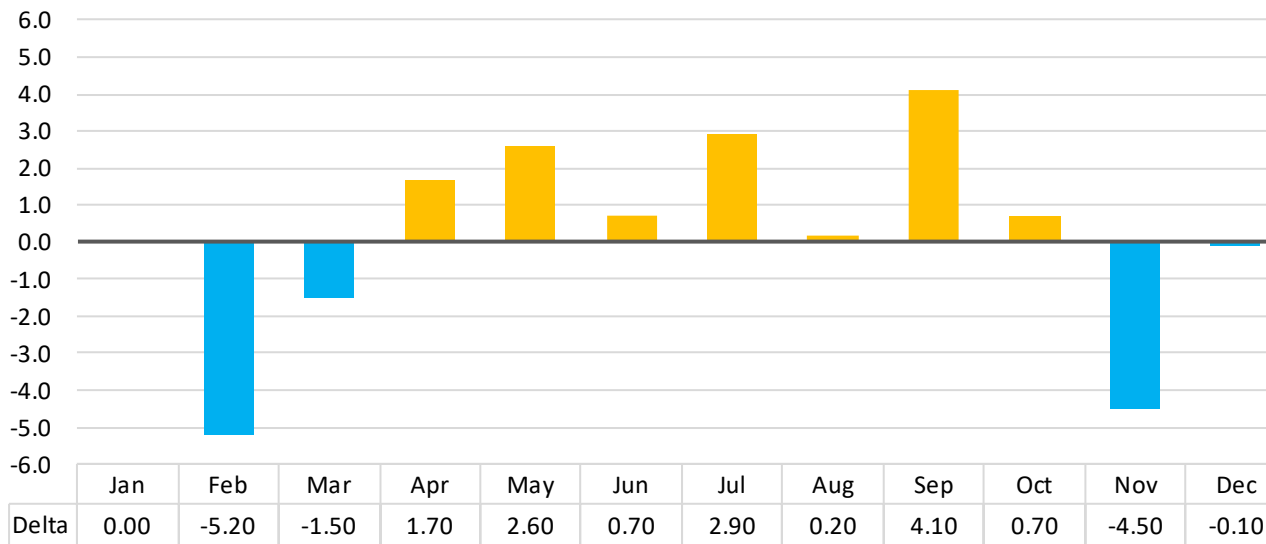
The average temperature for Clayton in 2022 was 54.4°, which was 0.1° above the normal of 54.3°. The average maximum temperature was 69.0°. This was 0.3° above the normal average maximum temperature of 68.7°. The average minimum temperature was 39.8°. This was 0.1° below the normal average minimum temperature of 39.9°.



Clayton 2022 Monthly Temperature



Clayton Monthly Temperature Departure from 30-Year Normal



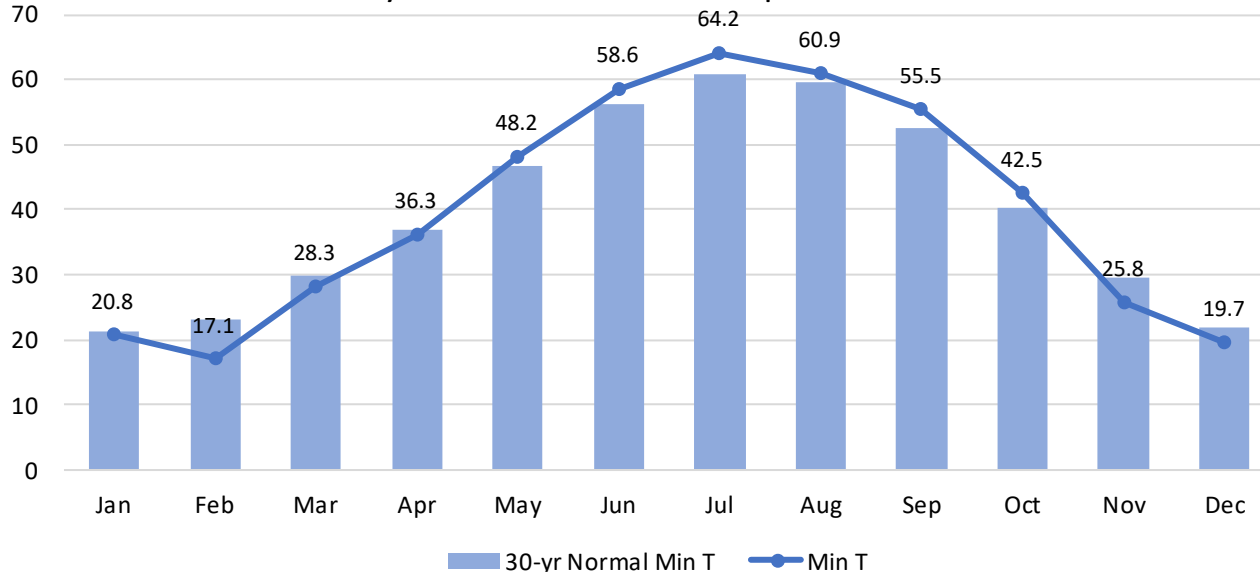
Average temperatures for the Clayton Airport in 2022 were above normal once again. Like Albuquerque, average temperatures took a rollercoaster ride in 2022 with several dramatic swings from well below normal to well above normal. February was very cold with readings 5.2° below normal. The period from April through October was above normal with September as much as 4.1° above normal. The last 2 months carried readings well below normal once again. But, for the whole year, 2022 was the 36th warmest year on record.



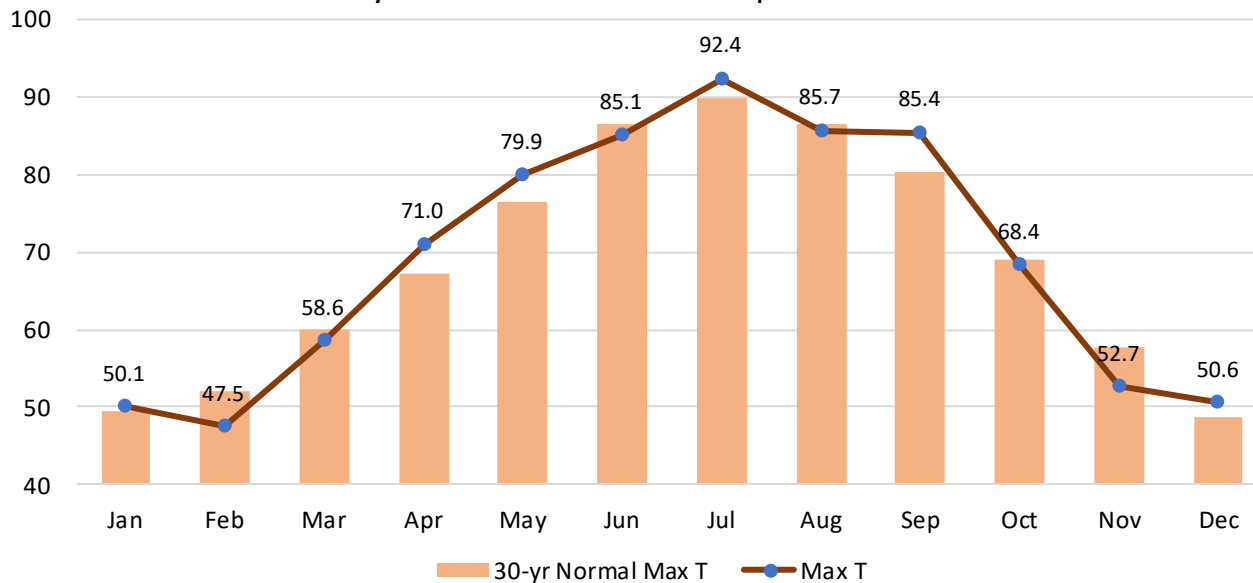
Sandia Park | November 12, 2022
Courtesy Kerry Jones



Clayton 2022 Minimum Temperatures



Clayton 2022 Maximum Temperatures



Average minimum temperatures for Clayton in 2022 were near normal and maximum temperatures were slightly above normal. February, March, November and December minimum temperatures were below normal while April through October were above normal. Average high temperatures were all over the place with wild swings during the spring and fall months! September high temperatures were 5.1° above normal then November was 5.0° below normal.



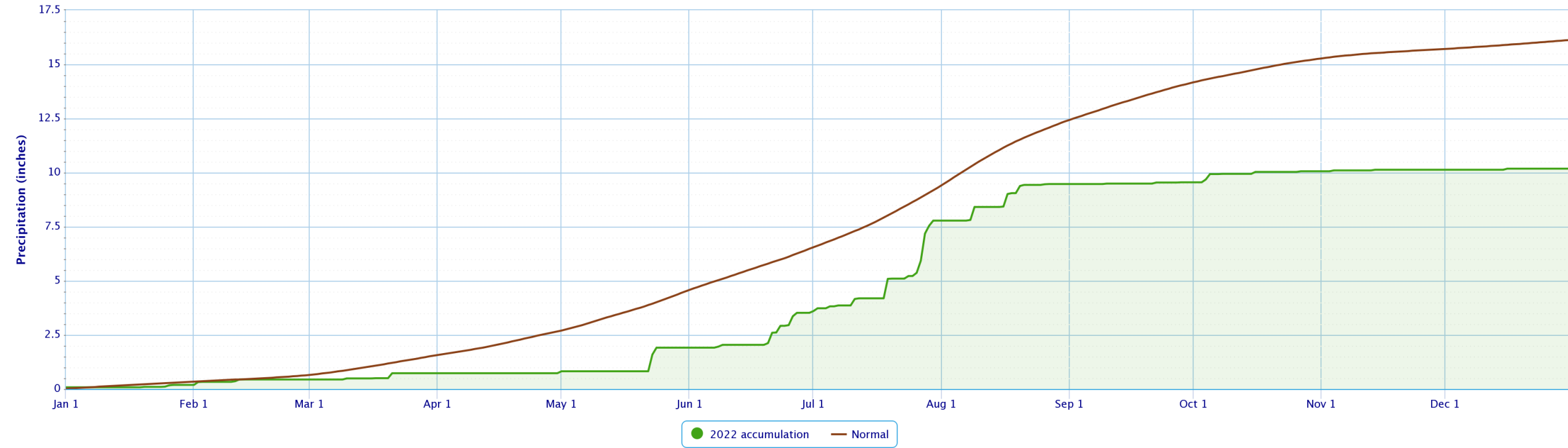
Valdez | November 4, 2022
 Courtesy D. Garrity



Total Precipitation: 10.18"

Accumulated Precipitation – Clayton Area, NM (ThreadEx)

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

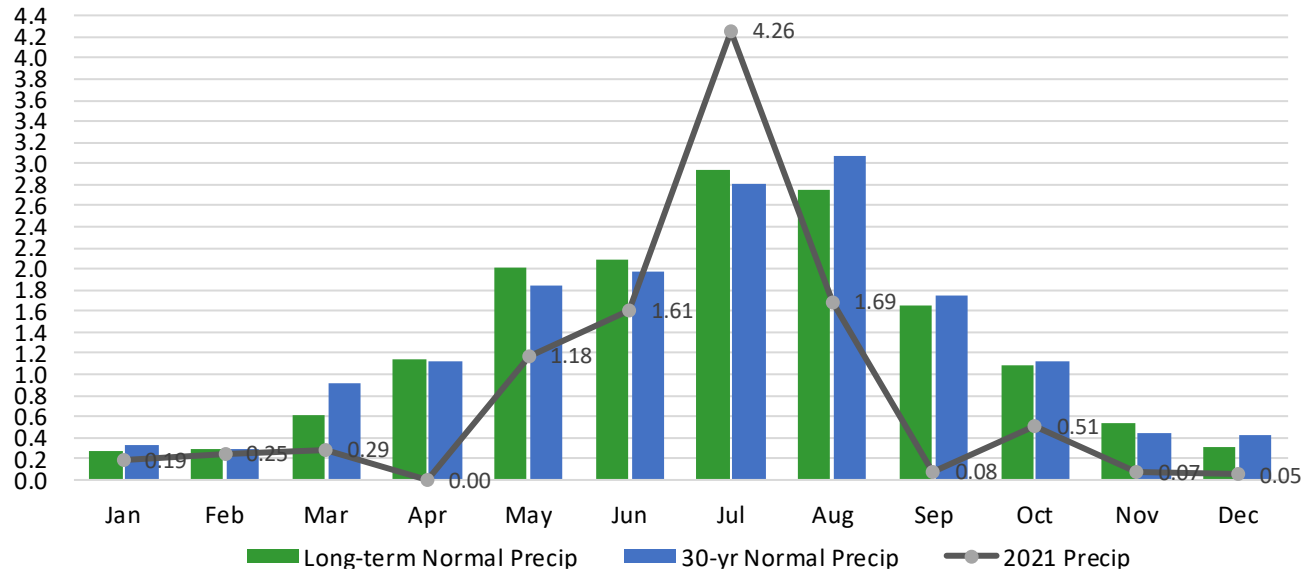


Powered by ACIS

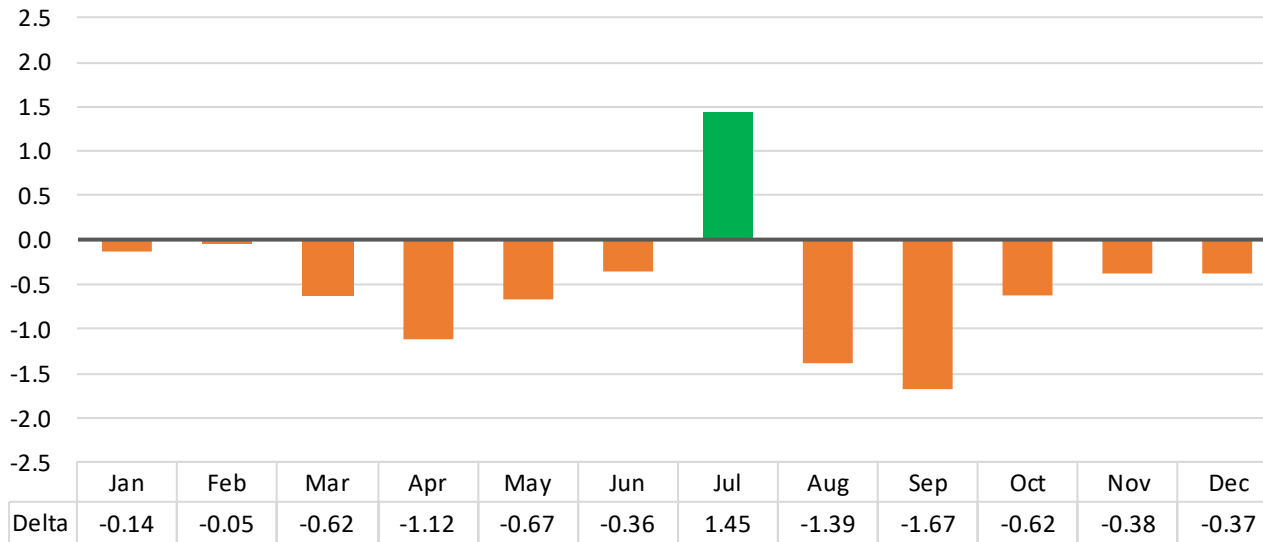
The total precipitation for Clayton in 2022 was 10.18", which was 5.94" below the normal of 16.12".



Clayton 2022 Monthly Precipitation



Clayton Monthly Precipitation Departure from 30-Year Normal



Only 1 month had above normal precipitation at Clayton and 2 months were close to normal. The remaining 9 months of 2022 were below normal. This was the 12th driest year on record. Extreme to exceptional drought conditions persisted over Union County for all of 2022.

There was 13.6” of snow in calendar year 2022, compared to the normal of 22.3”.



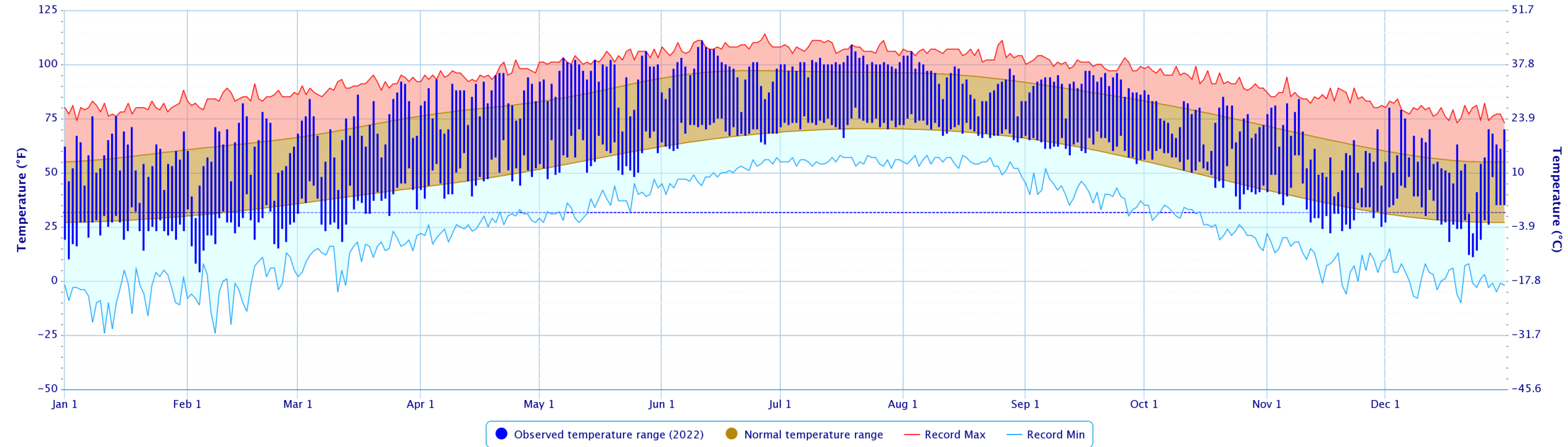
Sandia Park | August 28, 2022
 Courtesy Jennifer Shoemake



Average Temperature: 63.3°

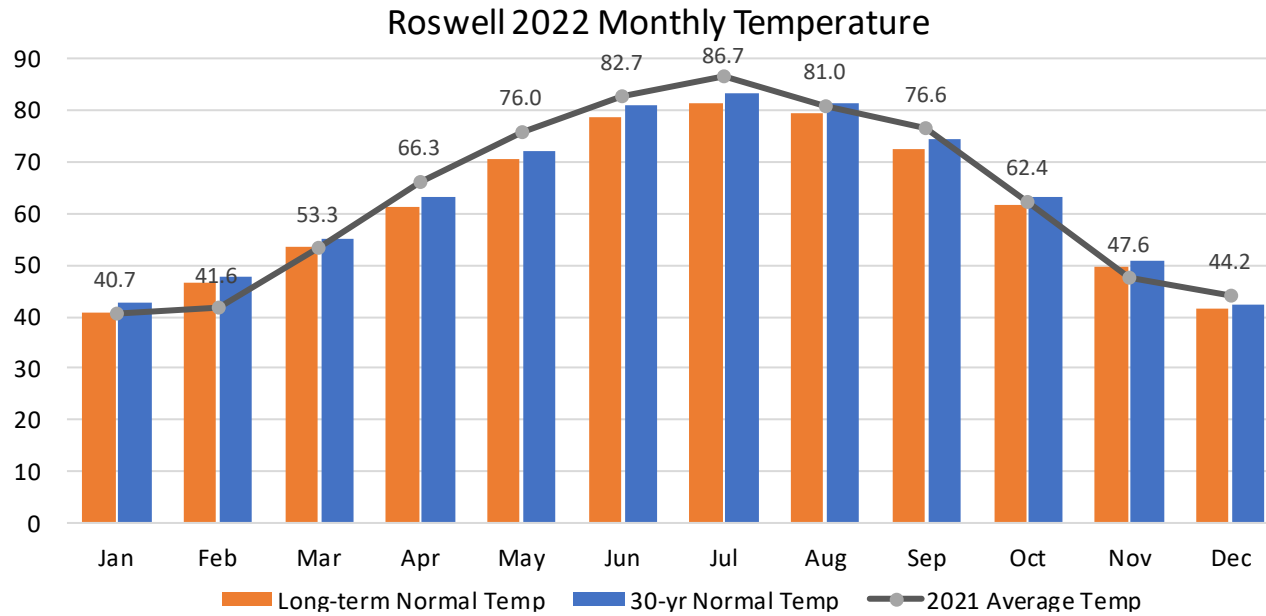
Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of Record – Max temperature: 1893-01-03 to 2023-01-03; Min temperature: 1893-01-21 to 2023-01-03. Normals period: 1991-2020. Click and drag to zoom chart.

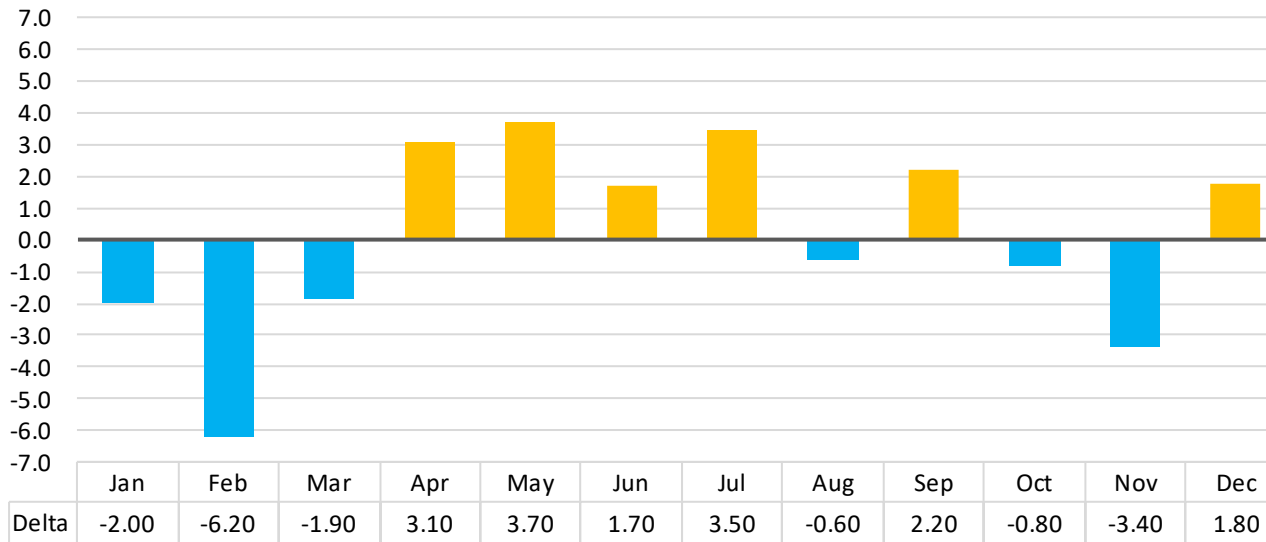


Powered by ACIS

The average temperature for Roswell in 2022 was 63.3°, which was 0.1° above the normal of 63.2°. The average maximum temperature was 78.4°. This was 0.6° above the average maximum temperature of 77.8°. The average minimum temperature was 48.1°. This was 0.4° below the normal average minimum temperature of 48.5°.



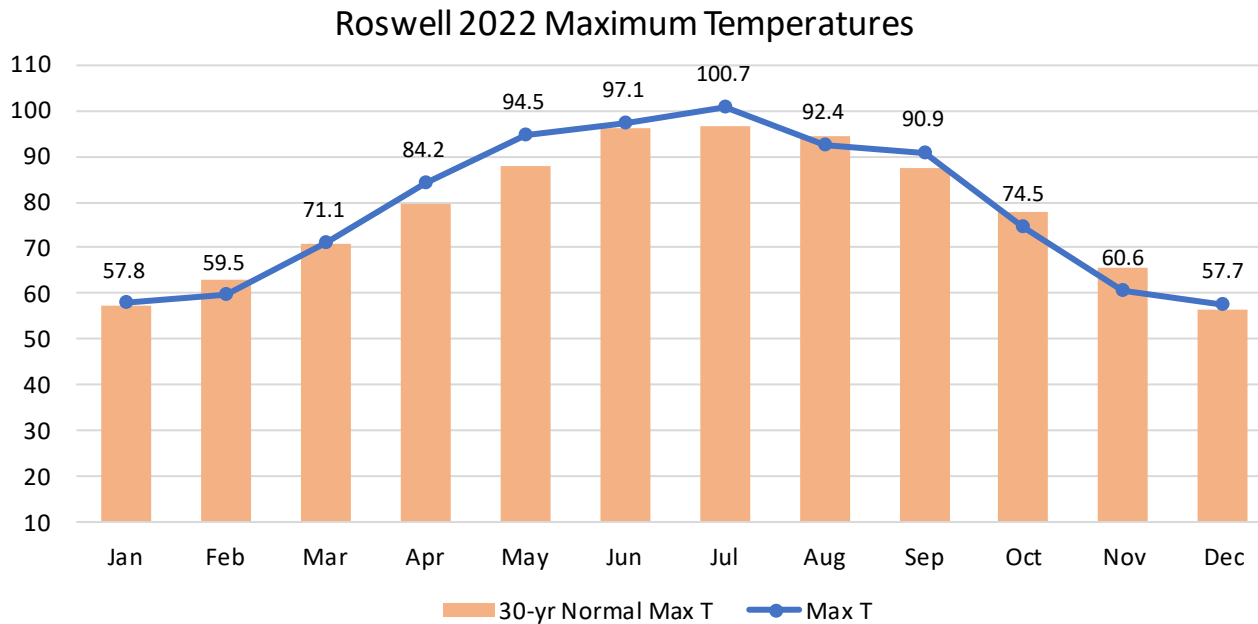
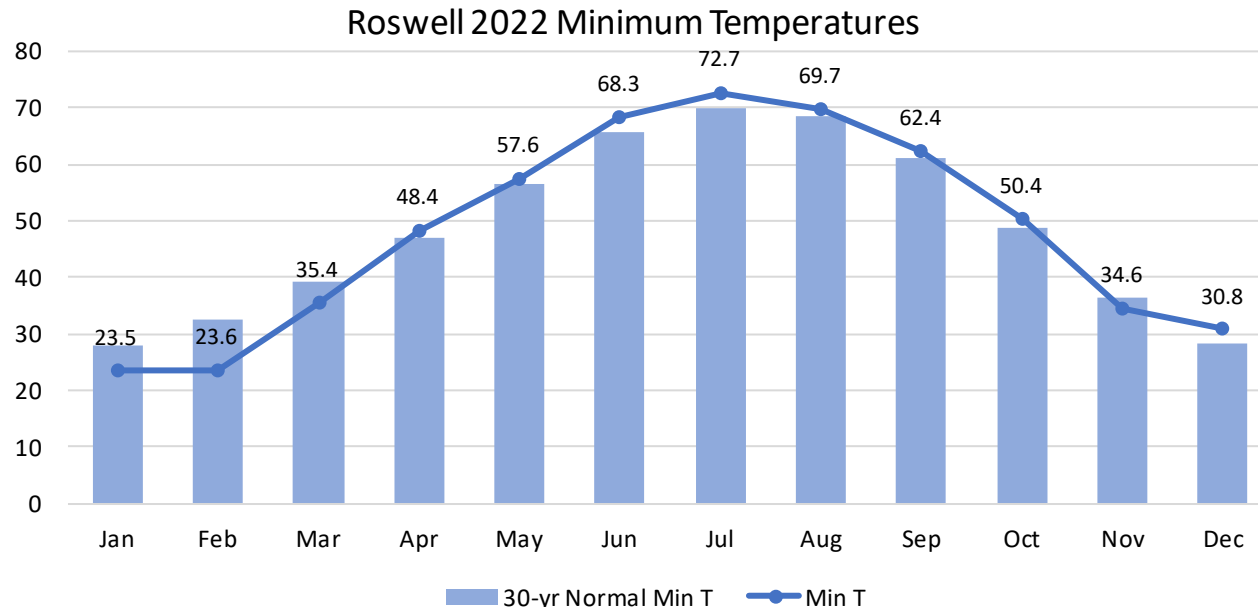
Roswell Monthly Temperature Departure from 30-Year Normal



Average temperatures at the Roswell Industrial Air Park in 2022 were slightly above normal. Like Albuquerque and Clayton, average temperatures took a rollercoaster ride in 2022 with several dramatic swings from well below normal to well above normal. Six months were above normal and six months were near to below normal. February was an impressive 6.2° below normal and November 3.4° below normal. April through July were above normal with many summer days in the 100s and frequent record highs.



Albuquerque | July 20, 2022
 Courtesy Daniel Macy



Average minimum temperatures for Roswell in 2022 were below normal and maximum temperatures were well above normal. January through March low temperatures were well below normal with an exceptional 8.9° below normal in February. April, May, July, and September high temperatures were well above normal followed by an impressively chilly November with high temperatures 5.1° below normal.



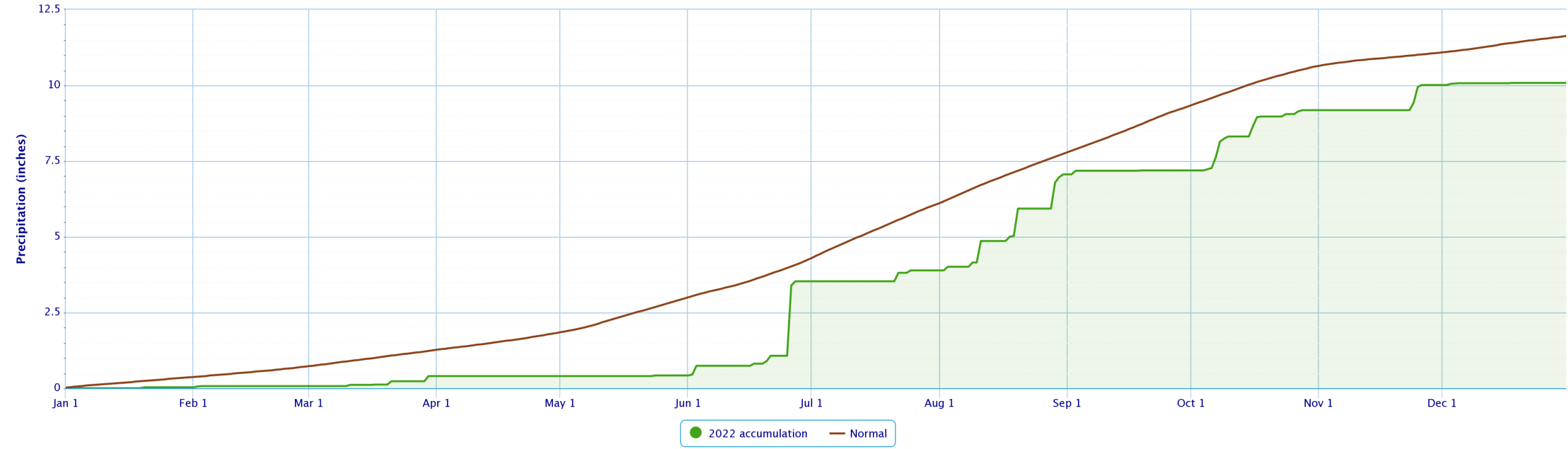
Roswell | September 16, 2022
 Courtesy Karen Doyle



Total Precipitation: 10.08"

Accumulated Precipitation – Roswell Area, NM (ThreadEx)

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

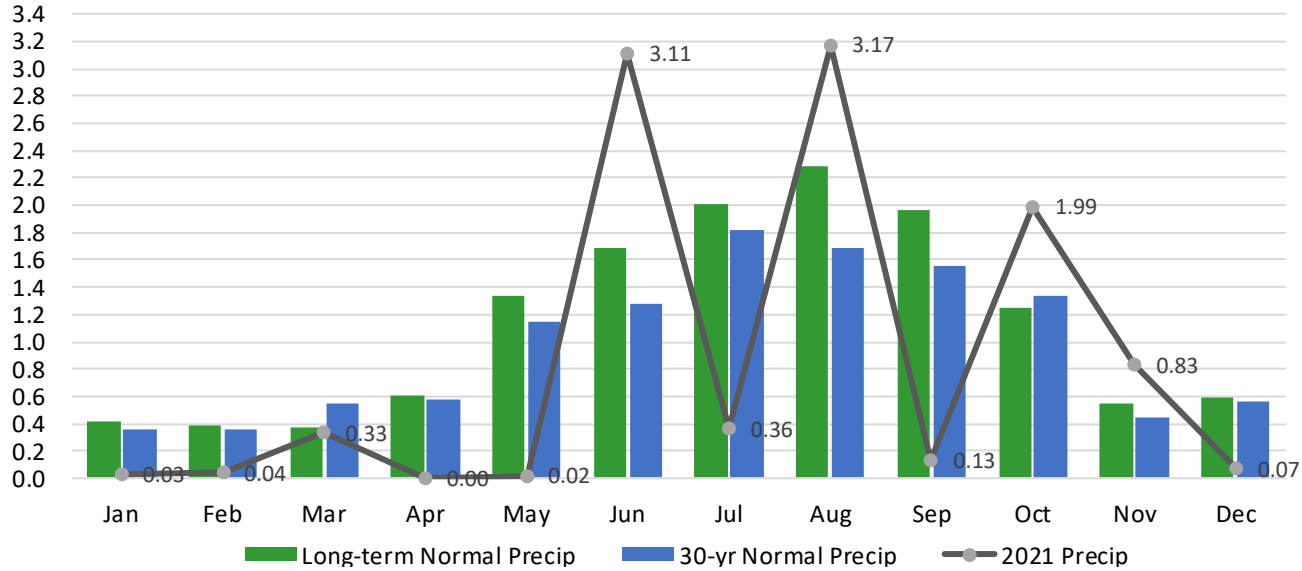


Powered by ACIS

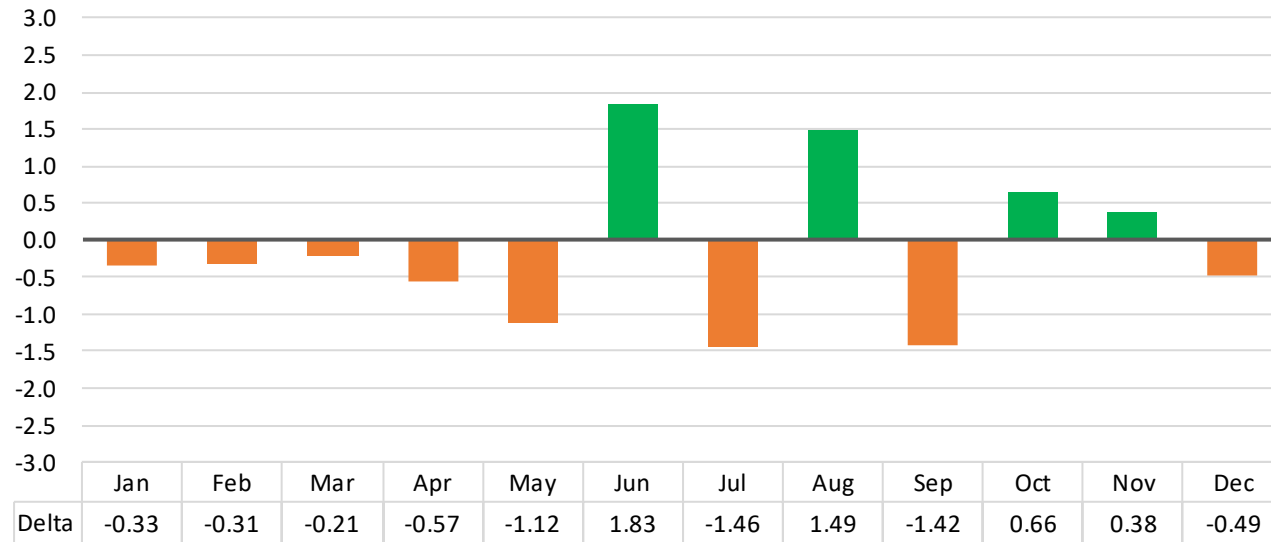
The total precipitation for Roswell in 2022 was 10.08", which was 1.55" below the normal of 11.57".



Roswell 2022 Monthly Precipitation



Roswell Monthly Precipitation Departure from 30-Year Normal










Precipitation at the Roswell Industrial Air Park was below normal. The annual total was 10.08", which was 1.55" below the normal of 11.63". Four months of the year had above normal precipitation and the rest of the year was near to below normal. Active weather patterns came in spurts throughout the year with very dry periods followed by wet periods, especially between June and October.

There was 1.6" of snow in calendar year 2022, compared to the normal of 9.6".



Glorieta | November 4, 2022
 Courtesy Joshua Nelson



-  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
-  NWS Albuquerque Facebook
-  @NWSAlbuquerque & #nmwx