



### Synopsis

Temperatures in July across New Mexico ranged from near to above normal in the west and above to much above in the east. Precipitation was well above normal in the northwest to well below normal in the southeast!

July 2022 continued where June left off, with widespread showers and thunderstorms through the first half of the month. After a subtle reduction in storms from the 17<sup>th</sup> to 22<sup>nd</sup>, they picked right back up for the last week of the month.



July 1 Hermit's Peak/Calf Canyon burn scar - Maestas Canyon  
Photo courtesy of Alberta Maez



July 29 Gavilan Creek flood  
Photo courtesy USFS Baer Team



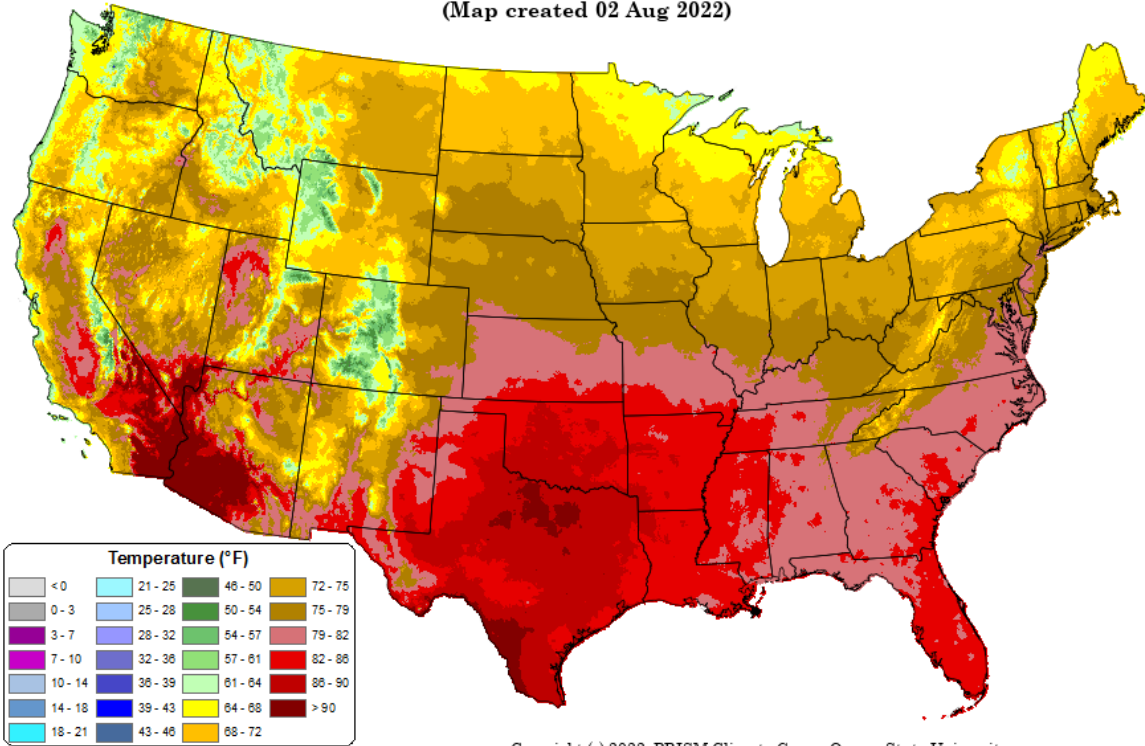
July 29 Gavilan Creek flood  
Photo courtesy Ira Pearson





Actual

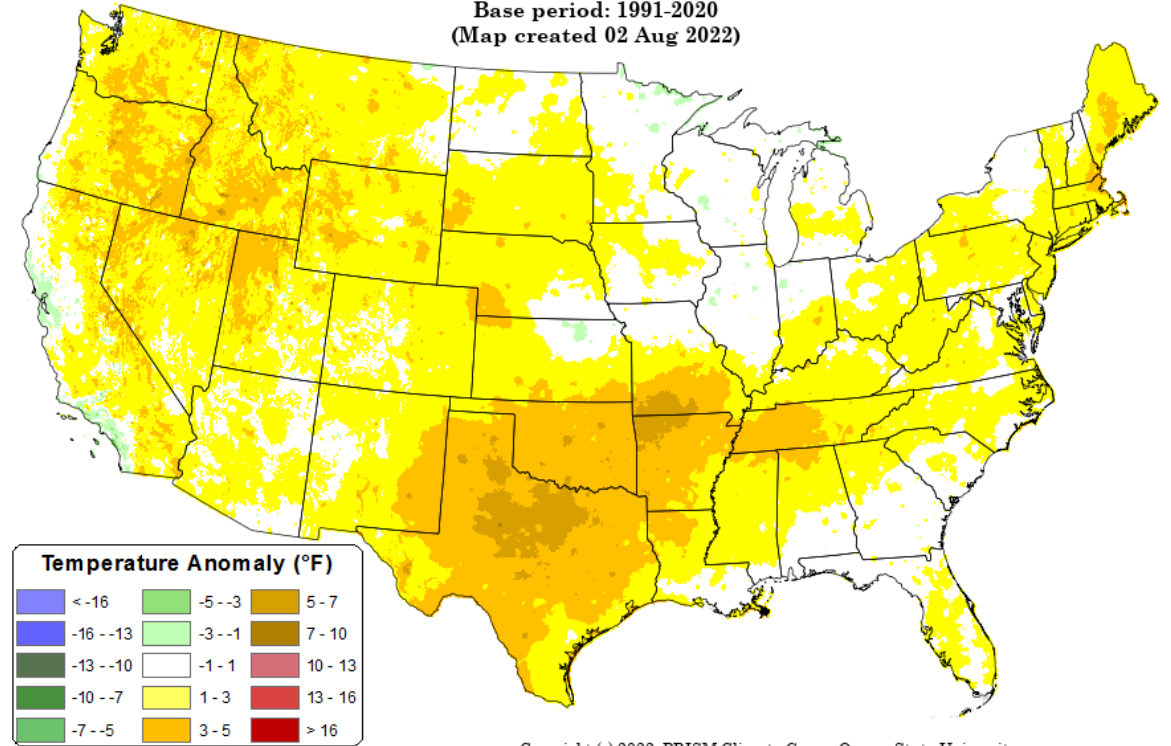
Average Daily Mean Temperature: Jul 2022  
 Period ending 7 AM EST 31 Jul 2022  
 (Map created 02 Aug 2022)



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Anomaly

Daily Mean Temperature Anomaly: Jul 2022  
 Period ending 7 AM EST 31 Jul 2022  
 Base period: 1991-2020  
 (Map created 02 Aug 2022)



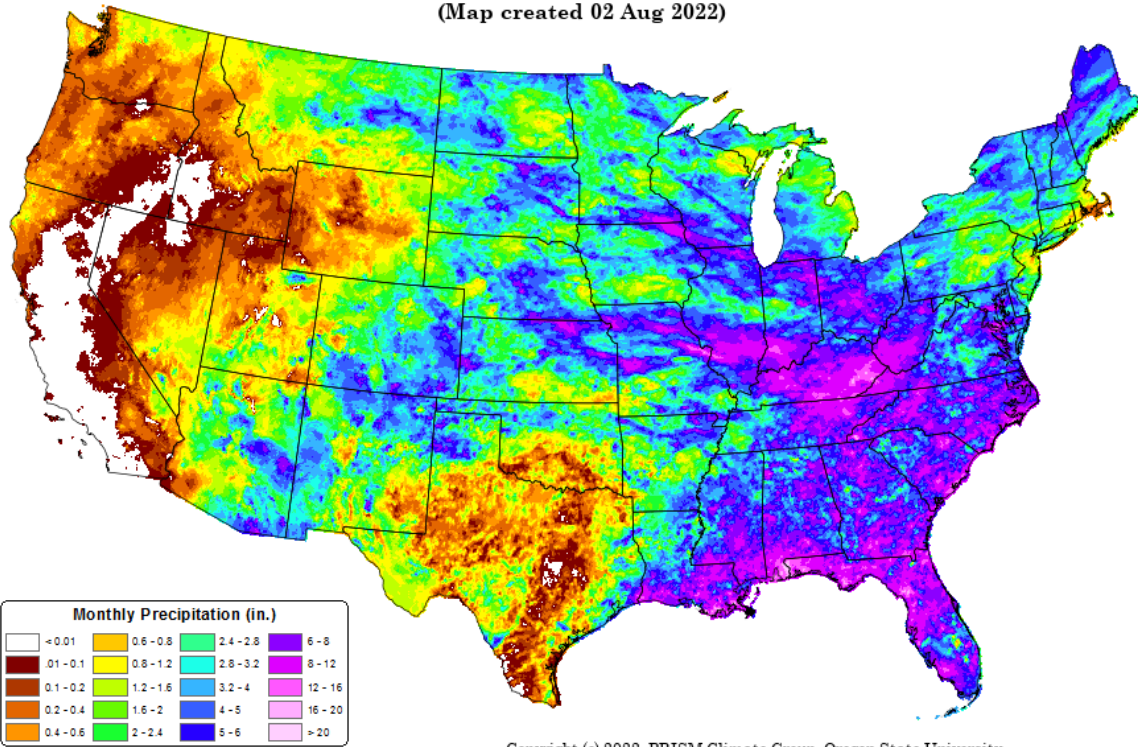
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July temperatures were above normal across most of NM, especially the eastern plains where several days reported high temperatures in excess of 100°.

Actual

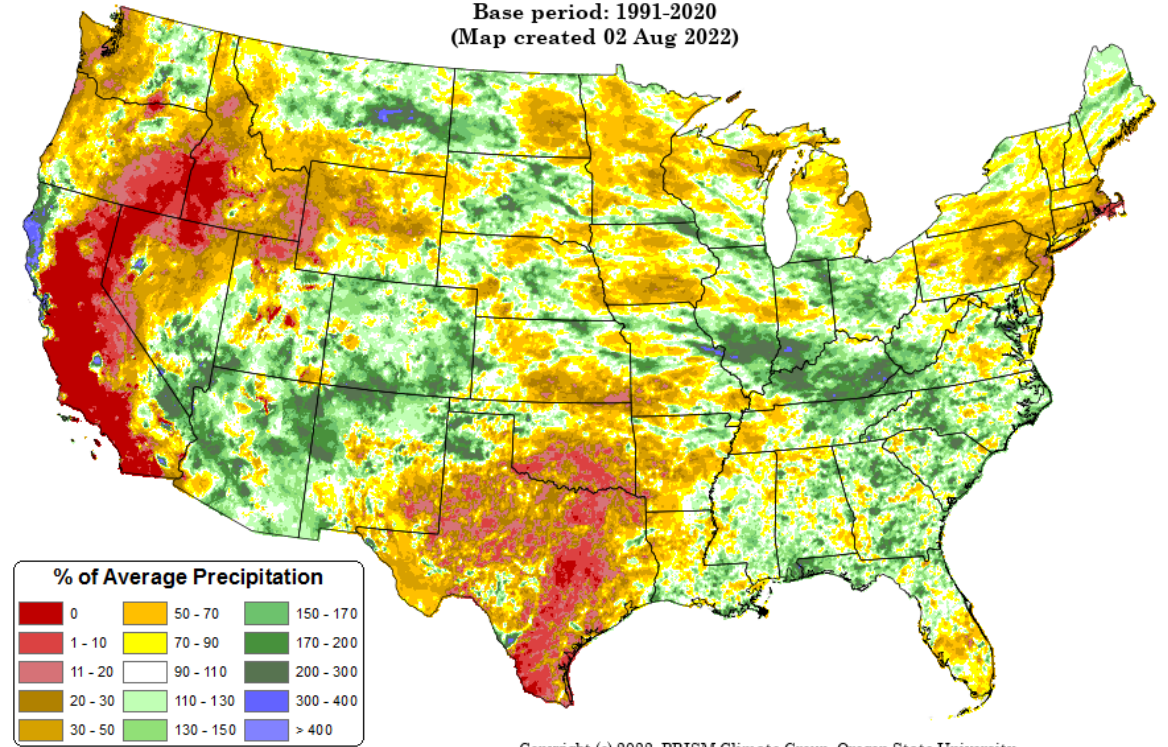
Anomaly

**Total Precipitation: Jul 2022**  
 Period ending 31 Jul 2022  
 (Map created 02 Aug 2022)



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**Total Precipitation Anomaly: Jul 2022**  
 Period ending 31 Jul 2022  
 Base period: 1991-2020  
 (Map created 02 Aug 2022)



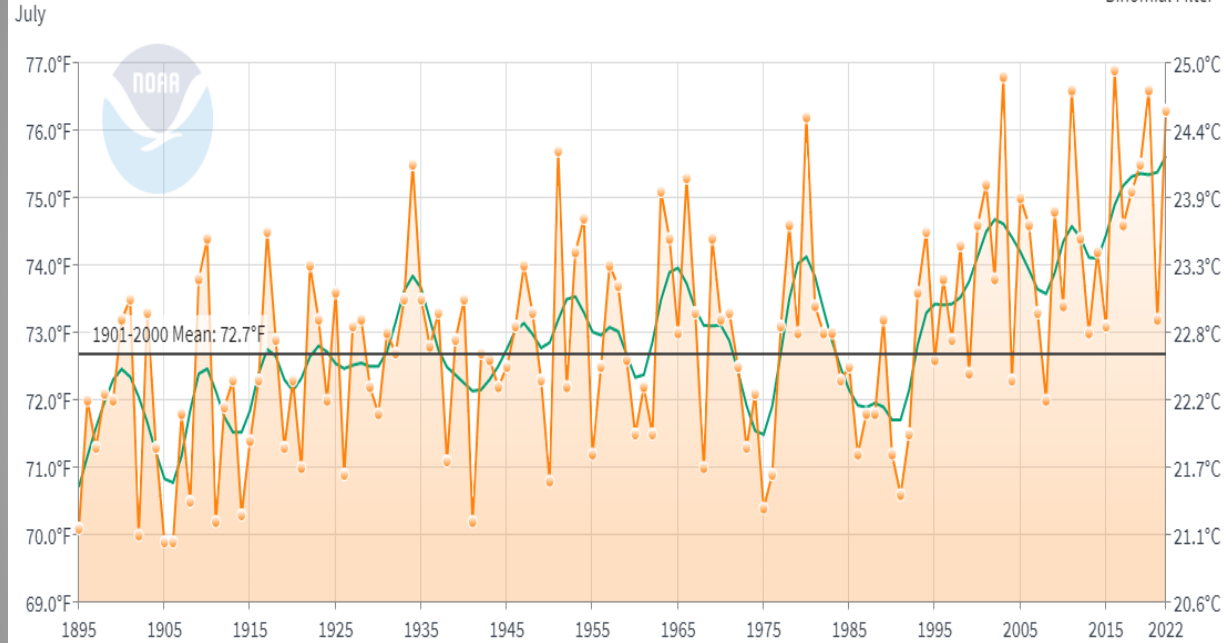
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July precipitation was above normal across northern and western areas and below normal across the southeast.



Temperature

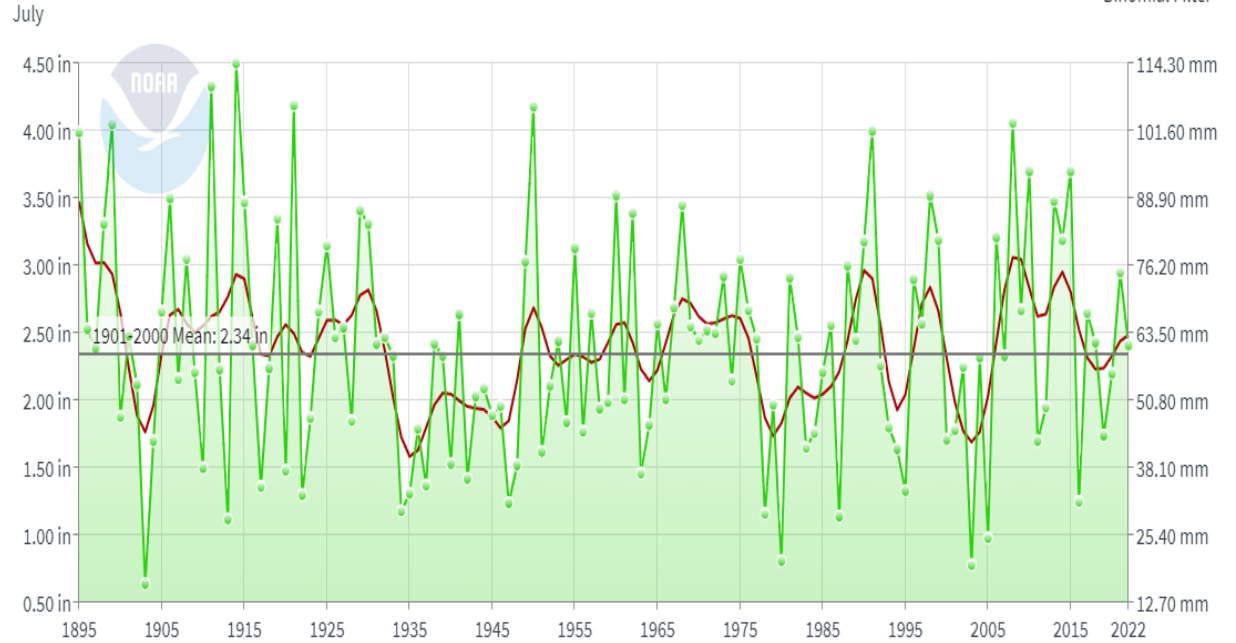
New Mexico Average Temperature



The July 2022 average statewide temperature was 76.3°, which was 3.6° above the long-term normal of 72.7° (1901-2000). This ranked as the 5<sup>th</sup> warmest July on record (1895-2022).

Precipitation

New Mexico Precipitation



The July 2022 average statewide precipitation was 2.41", which was 0.07" above the long-term normal of 2.34" (1901-2000). This ranked as the 63<sup>rd</sup> wettest July on record (1895-2022).



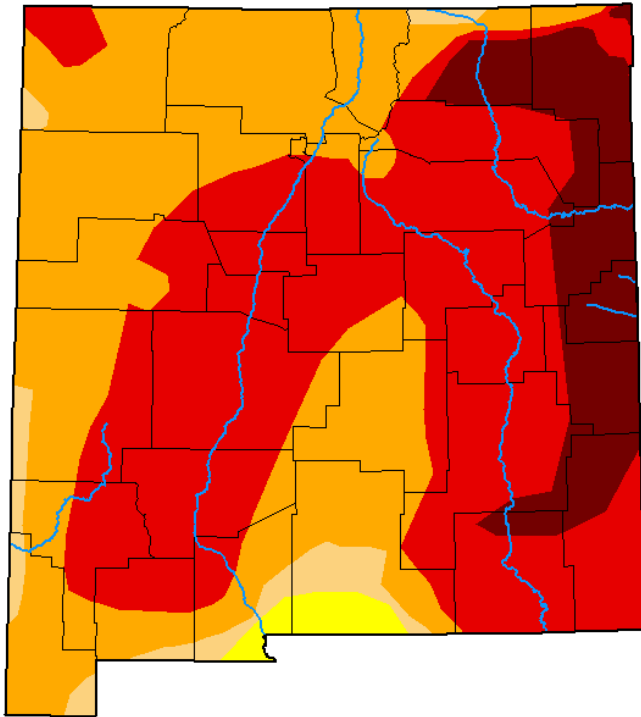


**U.S. Drought Monitor  
New Mexico**

**July 5, 2022**  
(Released Thursday, Jul. 7, 2022)  
Valid 8 a.m. EDT

**U.S. Drought Monitor  
New Mexico**

**July 26, 2022**  
(Released Thursday, Jul. 28, 2022)  
Valid 8 a.m. EDT



**Intensity:**

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

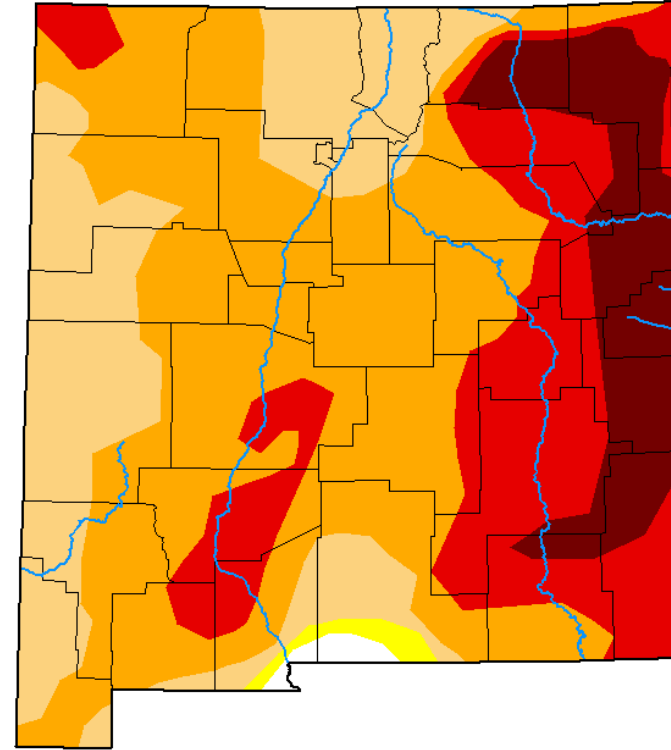
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



**Drought Conditions (Percent Area)**

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.68	99.32	98.51	76.22	32.58	11.08
<b>Last Week</b> 07-19-2022	0.68	99.32	98.51	85.47	32.76	11.08
<b>3 Months Ago</b> 04-26-2022	0.00	100.00	98.94	95.79	67.99	15.74
<b>Start of Calendar Year</b> 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
<b>Start of Water Year</b> 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
<b>One Year Ago</b> 07-27-2021	7.68	92.32	81.75	66.55	37.22	9.01

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[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

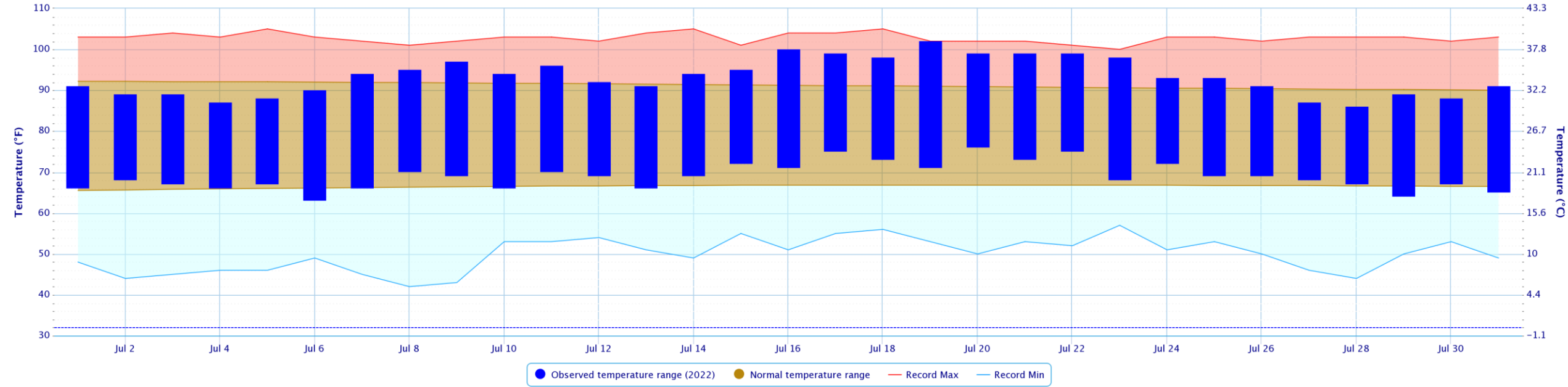
Drought conditions in July improved over much of western and central New Mexico.



Average Temperature: 81.1°

Daily Temperature Data – ALBUQUERQUE INTL AP, NM

Period of Record – 1891–12–01 to 2022–08–02. Normals period: 1991–2020. Click and drag to zoom chart.



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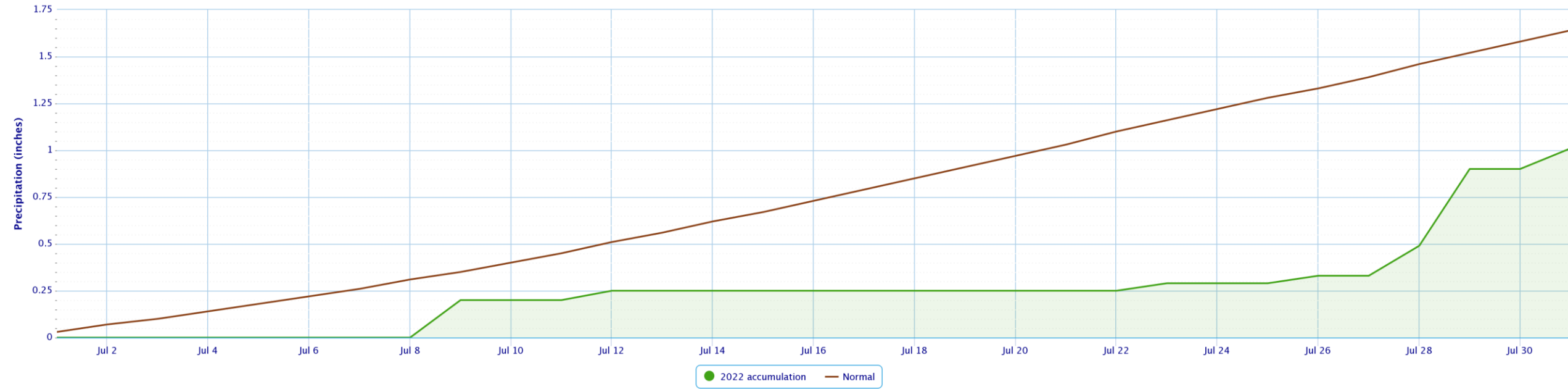
The July 2022 average temperature for Albuquerque was 81.1°, which was 2.2° above the normal of 78.9°. The average maximum temperature for the month was 93.4°. This was 2.2° above the normal average maximum temperature of 91.2°. The average minimum temperature for the month was 68.9°. This was 2.4° above the normal average minimum temperature of 66.5°. This ranked as the 11<sup>th</sup> warmest July on record.



Precipitation: 1.01"

Accumulated Precipitation – ALBUQUERQUE INTL AP, NM

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



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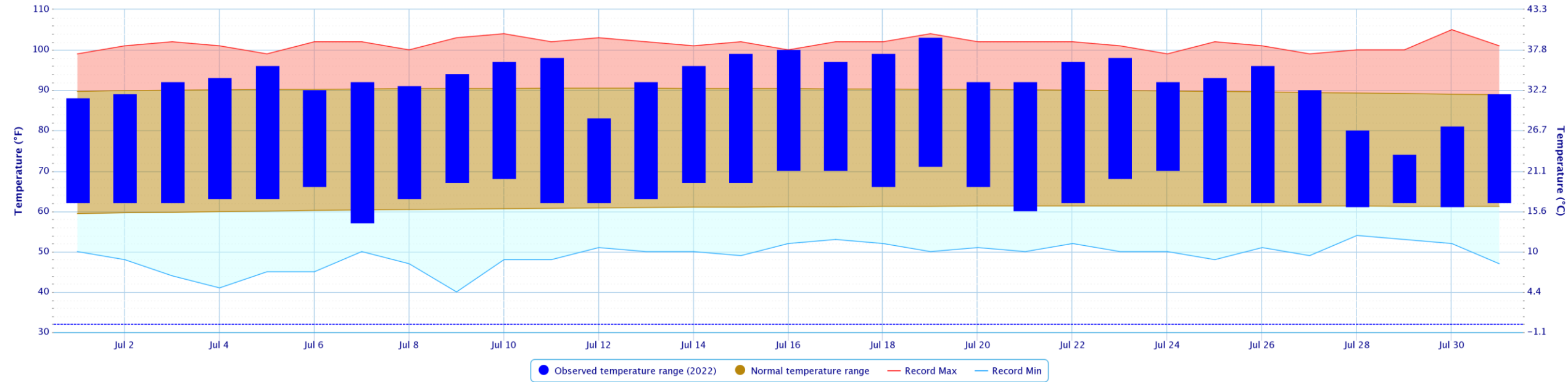
The July 2022 precipitation for Albuquerque was 1.01", which was 0.63" below the normal of 1.64". This ranked as the 48<sup>th</sup> driest July on record.



Average Temperature: 78.3°

Daily Temperature Data - Clayton Area, NM (ThreadEx)

Period of Record - 1896-02-01 to 2022-08-13. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

The July 2022 average temperature for Clayton was 78.3°, which was 2.9° above the normal of 75.4°. The average maximum temperature for the month was 92.4°. This was 2.4° above the normal average maximum temperature of 90.0°. The average minimum temperature for the month was 64.2°. This was 3.4° above the normal average minimum temperature of 60.8°. This ranked as the 8<sup>th</sup> warmest July on record.

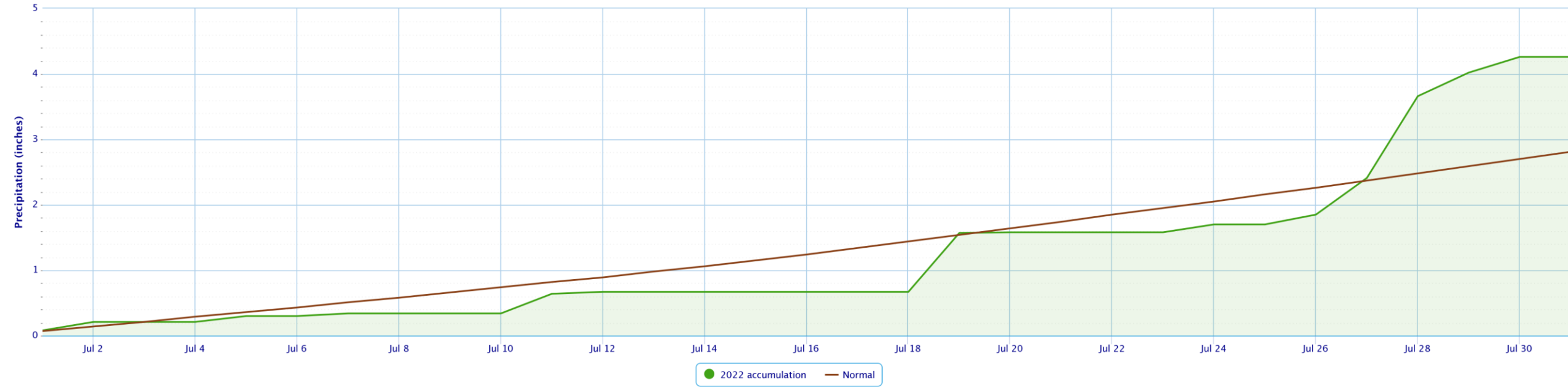




Precipitation: 4.26"

Accumulated Precipitation – CLAYTON MUNICIPAL AIR PARK, NM

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



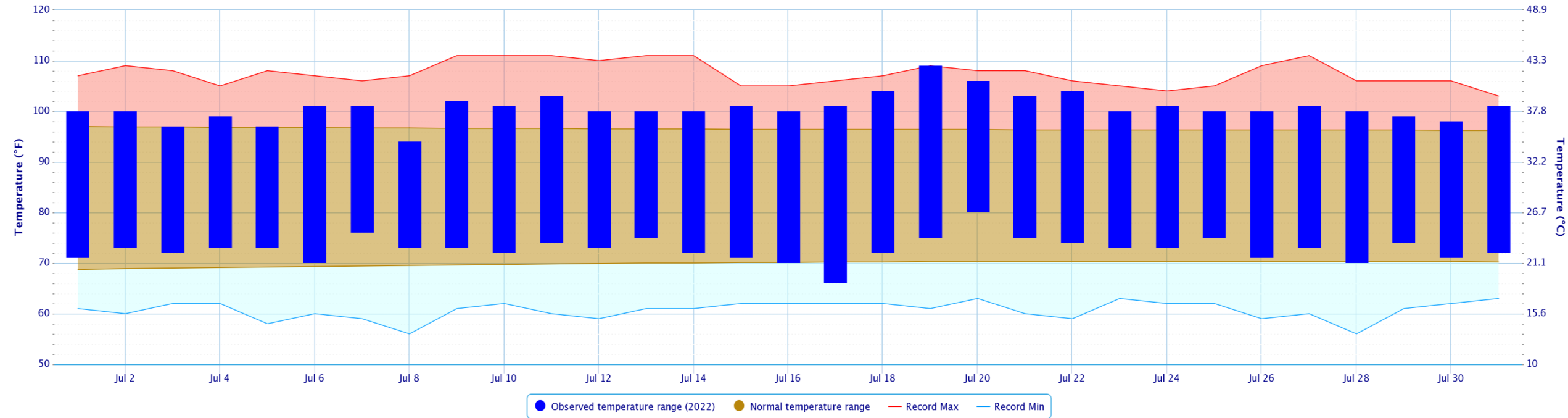
The July 2022 precipitation for Clayton was 4.26", which was 1.45" above the normal of 2.81". This ranked as the 19<sup>th</sup> wettest July on record.



Average Temperature: 86.7°

Daily Temperature Data – ROSWELL INDUSTRIAL AIR PARK, NM

Period of Record – 1946-12-01 to 2022-08-02. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

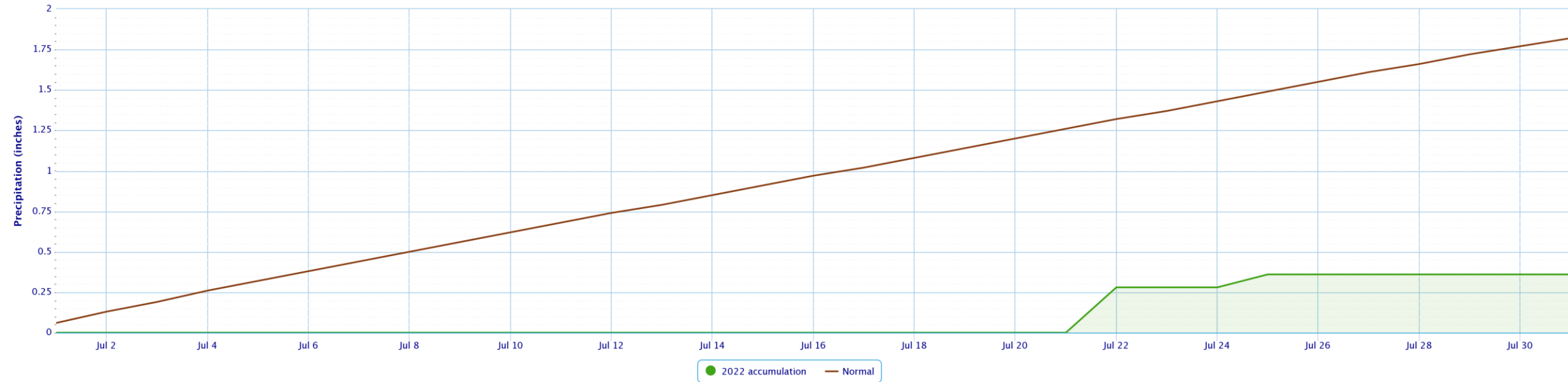
The July 2022 average temperature for Roswell was 86.7°, which was 3.5° above the normal of 83.2°. The average maximum temperature for the month was 100.7°. This was 4.2° above the average maximum temperature of 96.5°. The average minimum temperature for the month was 72.7°. This was 2.8° above the normal average minimum temperature of 69.9°. This ranked as the 2<sup>nd</sup> warmest July on record, just below the record high 86.8 set in 2020.



Precipitation: 0.36"

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 July 2022 precipitation for Roswell was 0.36", which was 1.46" below the normal of 1.82". This ranked as the 8<sup>th</sup> driest July on record.





Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Flash Flood	7/1/2022	San Miguel			Widespread flooding observed along NM-105 and CR-A4B on/around HPCC burn scar.
Flash Flood	7/1/2022	Mora			NM-94 flooded by Canoncito Creek on/around HPCC burn scar.
Flash Flood	7/1/2022	Santa Fe			Significant flooding in Lamy around Legal Tender Saloon and railtracks.
Flash Flood	7/2/2022	Mora			Significant flooding along NM-94 and CR-C001 near Maestas Canyon on/around HPCC burn scar.
Flash Flood	7/4/2022	Mckinley			U.S. 491 and Navajo Service Road 30 flooded near Mexican Springs.
Flash Flood	7/5/2022	San Juan			U.S. 550 and CR-7800 flooded around Nageezi.
Flash Flood	7/7/2022	Lincoln			Lower Eagle Creek Road flooded on/around McBride burn scar.
Hail	7/8/2022	Colfax	1"		Quarter size hail near Raton.
Flash Flood	7/8/2022	San Miguel			NM-283 and CR-A19A flooded around Mineral Hill on/around HPCC burn scar.
Hail	7/9/2022	Bernalillo	0.88"		Nickel size hail around Four Hills neighborhood of ABQ.
Thunderstorm Wind	7/9/2022	Bernalillo	50 kt	Gust	ABQ Sunport measured a thunderstorm wind gust to 58 mph.
Flash Flood	7/11/2022	Mora			Significant flooding along NM-121, NM-519, and CR-B009 on/around the HPCC burn scar.
Flash Flood	7/11/2022	Colfax			U.S. 56 flooded with some damage to a nearby barn.
Thunderstorm Wind	7/11/2022	Union	52 kt	Gust	Clayton measured a 60 mph thunderstorm wind gust.
Thunderstorm Wind	7/11/2022	De Baca	63 kt	Gust	Fort Sumner measured a 73 mph wind gust with minor tree damage.
Flash Flood	7/12/2022	Mora			Significant flooding along NM-434 and NM-518 on/around HPCC burn scar.
Flash Flood	7/12/2022	San Miguel			Significant flooding along CR-A1 on/around HPCC burn scar.
Strong Wind	7/19/2022	Guadalupe	45 kt	Gust	Semi overturned along I-40 at mile marker 286 near Santa Rosa.
Flash Flood	7/20/2022	Lincoln			Significant flooding along Gavilan Canyon Road on/around McBride burn scar.
Thunderstorm Wind	7/20/2022	Curry	52 kt	Gust	Clovis estimated a 60 mph wind gust.
Thunderstorm Wind	7/20/2022	Mckinley	50 kt	Gust	Gallup measured a 58 mph wind gust.
Thunderstorm Wind	7/20/2022	Catron	52 kt	Gust	Red Hill reported a 60 mph wind gust.
Flash Flood	7/20/2022	Mora			Significant flooding near Holman and NM-518 on/around HPCC burn scar.
Flash Flood	7/21/2022	Mora			Significant along NM-518 near Holman and Cleveland on/around HPCC burn scar.
Flash Flood	7/21/2022	San Miguel			Major flooding around Camp Blue Haven with several fatalities reported.
Flash Flood	7/23/2022	Mora			Significant flooding along Canoncito Creek on/around HPCC burn scar.
Flash Flood	7/23-7/24/2022	Mora			Significant flooding around Holman from the HPCC burn scar.
Flash Flood	7/25/2022	Lincoln			Gavilan Canyon and Warrior Drive flooded on/around the McBride burn scar.
Flash Flood	7/25/2022	Socorro			NM-169 flooded at mile marker 29 near Alamo.








\*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	Date	County/Zone Name	Magnitude	Type	Event Narrative
Flash Flood	7/25/2022	Socorro			Flooding in the Magdalena Mountains.
Flash Flood	7/26/2022	San Juan			Flooding around Flora Vista to Bloomfield with significant damage reported.
Flash Flood	7/26/2022	Bernalillo			NM-217 flooded near Greenridge Boulevard.
Flash Flood	7/26/2022	Santa Fe			Flooding around Lamy and Glorieta.
Flash Flood	7/26/2022	Santa Fe			Significant flooding around Tesuque and Chupadero with damages reported.
Flash Flood	7/26/2022	San Miguel			Gallinas Creek flooded on/around HPCC burn scar.
Flash Flood	7/27/2022	Mora			Rito de Gascon flooded near Monte Aplanado as well as Canoncito Creek.
Flash Flood	7/27/2022	Santa Fe			CR-117S in Nambe flooded.
Strong Wind	7/20/2022	Central Highlands	43 kt	Gust	Pedernal reported minor roof damage to an old school building in Encino.
Flash Flood	7/25/2022	Torrance			Encino measured 1.75" of rain with flash flooding.
Flash Flood	7/27/2022	Santa Fe			Flooded reported around Pojoaque.
Dust Storm	7/28/2022	Northwest Plateau			Haboob observed around Shiprock.
Flash Flood	7/28/2022	Mora			Significant flooding around Gascon and Cleveland on/around HPCC burn scar.
Flash Flood	7/25/2022	Mckinley			Flooding around Church Rock and Fort Wingate to include I-40 and NM-118.
Hail	7/29/2022	Quay	1"		Logan reported quarter size hail with some damage.
Flash Flood	7/29/2022	San Miguel			Rito San Jose flooded near CR-A4 around Rociada on/around HPCC burn scar.
Flash Flood	7/29/2022	San Miguel			Manuelitas Creek flooded CR-A1 on/around HPCC burn scar.
Flash Flood	7/29/2022	San Miguel			CR-65 flooded near the E.V. Campground with water rescues needed on/around HPCC burn scar.
Flash Flood	7/29/2022	Mckinley			Flash flooding in the Gallup area.
Flash Flood	7/29/2022	Mckinley			NM-118 flooded at mile marker 11 on/around HPCC burn scar.
Flash Flood	7/30/2022	Sandoval			Flooding around Rio Rancho and Vista Hills.
Flash Flood	7/30/2022	Santa Fe			A resident in Edgewood reported that their home was inundated with water from flash flooding.
Flash Flood	7/30/2022	Union			Flash flooding south of Clayton along Carrizo Creek.
Flash Flood	7/31/2022	Cibola			San Fidel reported flash flooding on San Jose Loop.
Flash Flood	7/31/2022	Socorro			NM-169 flooded at mile marker 9.8 near Magdalena.
Flash Flood	7/31/2022	Mora			Rito de Gascon flooded on/around HPCC burn scar.
Flash Flood	7/31/2022	Rio Arriba			Santa Clara Pueblo reported flooding.
Wildfire	7/1-7/31/2022	E Slopes Sangre de Cristo Mts			HPCC containment increased to 98% with efforts primarily focused on recovery.

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-  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/>
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