



### Synopsis

October 2022 saw below normal temperatures for much of the state except the northeast third where near normal readings were observed. October was a wet month with much of the state having above to well above normal precipitation. The exceptions were across the far north and east where near to below normal precipitation fell. A couple funnel clouds were observed early in the month then in typical October fashion several areas saw snow by the end of the month.



October 28, 2022 | Red River, NM  
Photo courtesy redriver.org



October 8, 2022 | Bernardo, NM  
Photo courtesy Lynda Herron



October 4, 2022 | Edgewood, NM  
Photo courtesy Kerry Jones



October 24, 2022 | I-40 @ Continental Divide  
Photo courtesy NMDOT

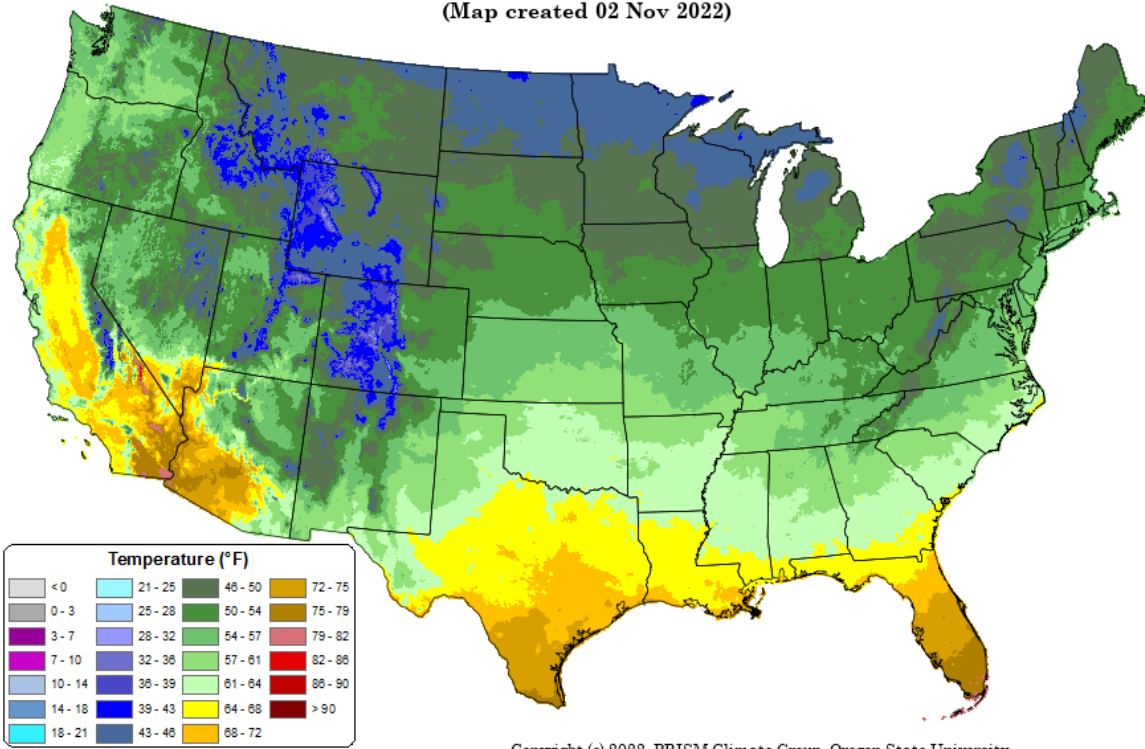


Actual

Average Daily Mean Temperature: Oct 2022

Period ending 7 AM EST 31 Oct 2022

(Map created 02 Nov 2022)



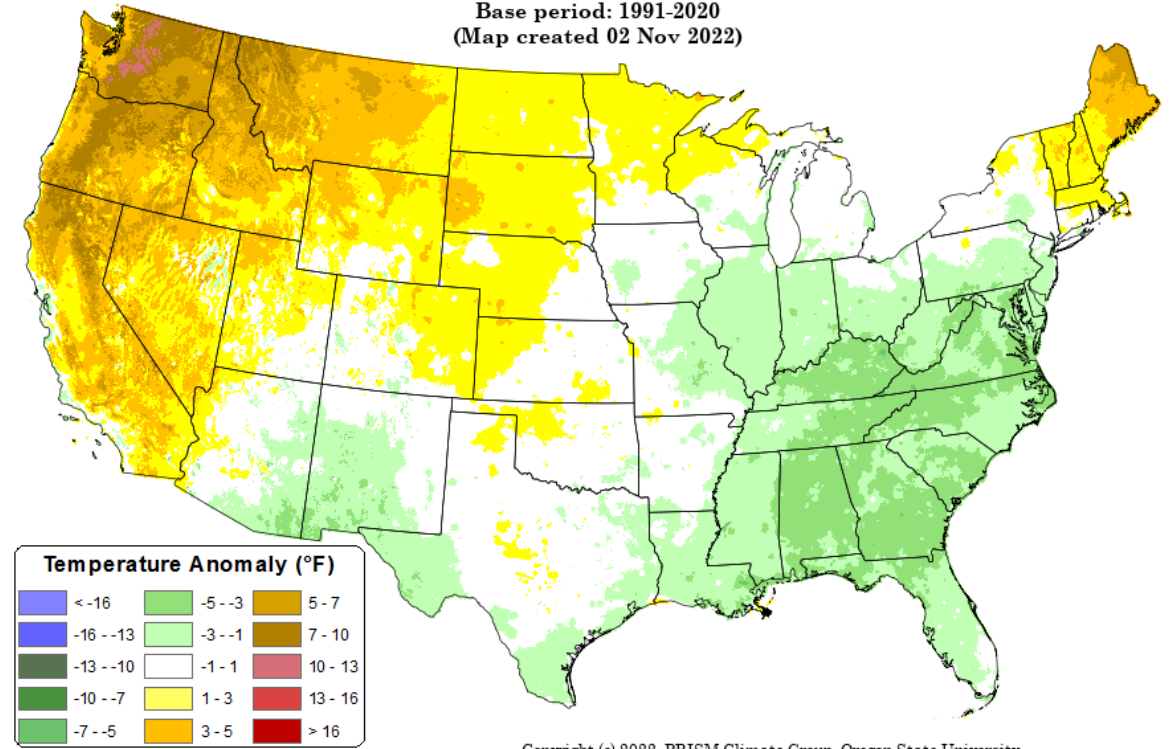
Anomaly

Daily Mean Temperature Anomaly: Oct 2022

Period ending 7 AM EST 31 Oct 2022

Base period: 1991-2020

(Map created 02 Nov 2022)



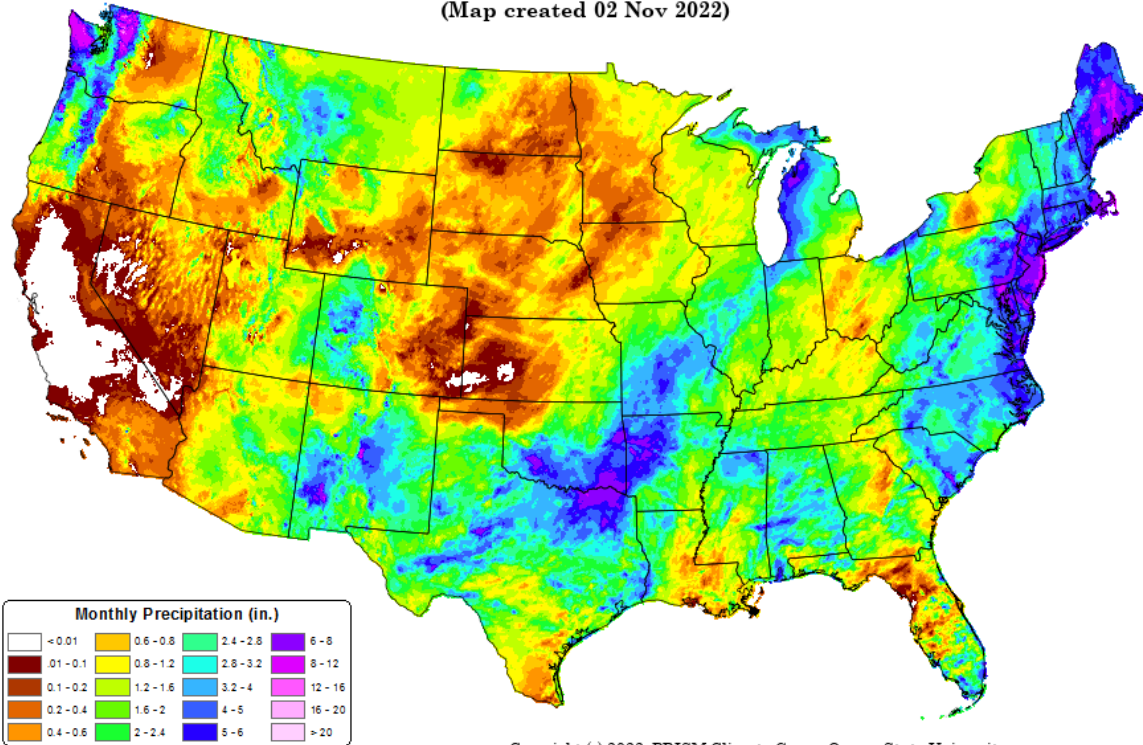
October temperatures were below normal across most of NM, especially southern areas and the central valley.





Actual

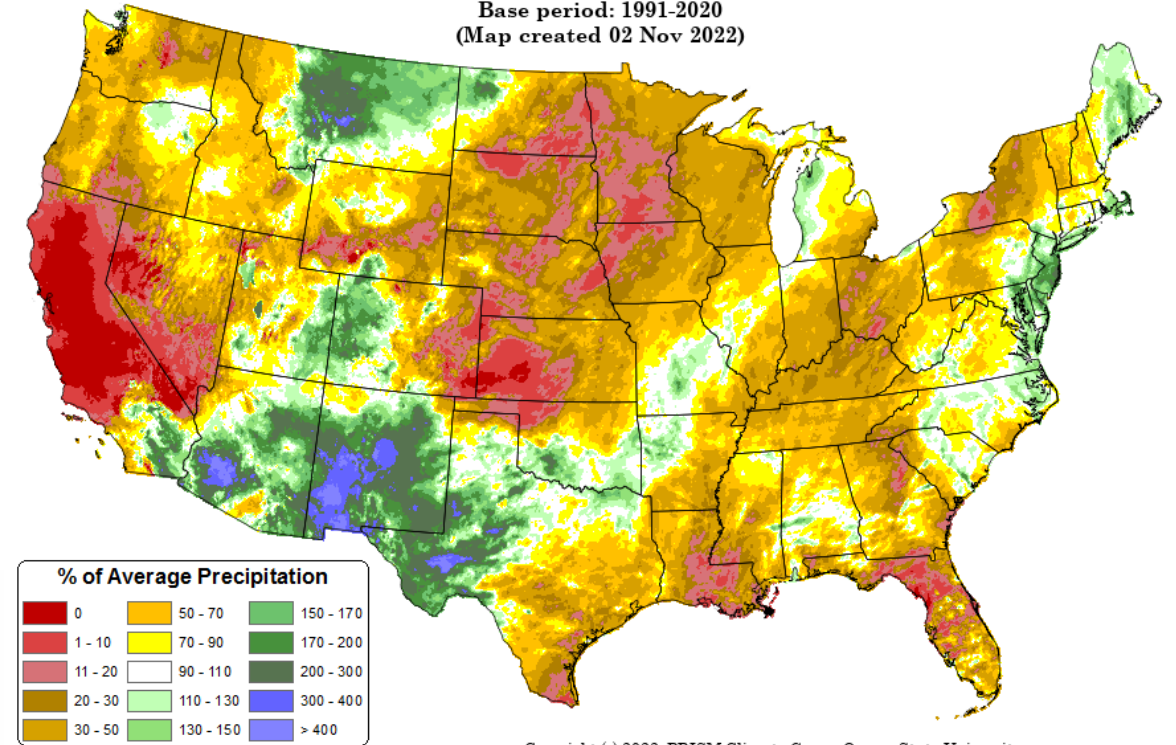
**Total Precipitation: Oct 2022**  
 Period ending 31 Oct 2022  
 (Map created 02 Nov 2022)



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Anomaly

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

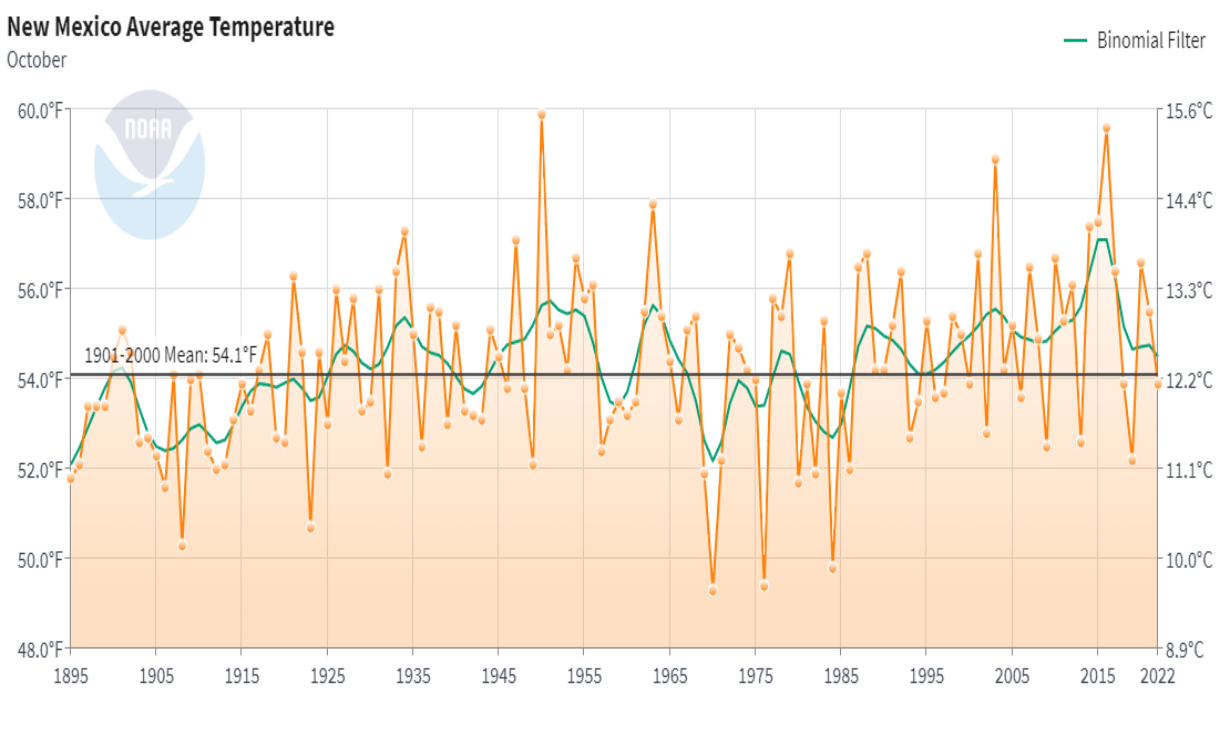


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October precipitation was significantly above normal, especially southern and central areas where near-record monthly totals were observed.

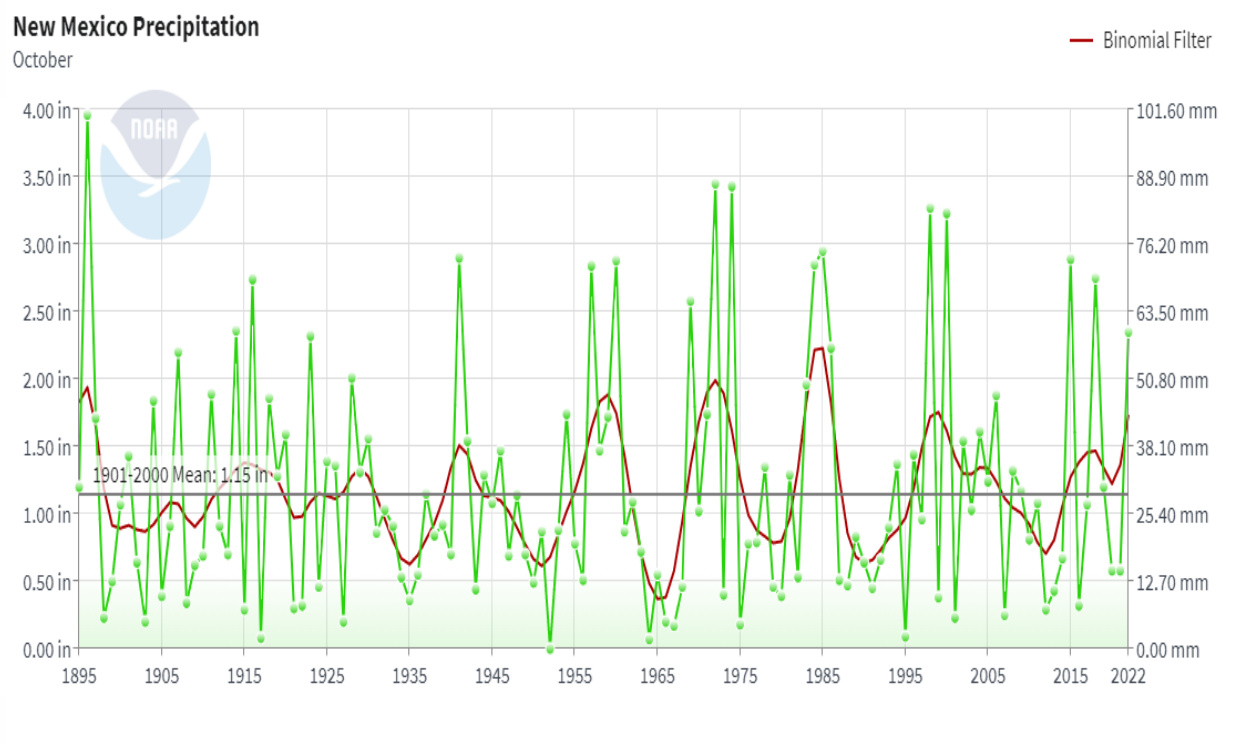


Temperature



The October 2022 average statewide temperature was 53.9°, which was 0.2° below the long-term normal of 54.1° (1901-2000). This ranked as the 55<sup>th</sup> coolest October on record (1895-2022).

Precipitation



The October 2022 average statewide precipitation was 2.35", which was 1.20" above the long-term normal of 1.15" (1901-2000). This ranked as the 16<sup>th</sup> wettest October on record (1895-2022).



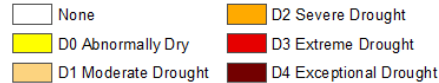
**U.S. Drought Monitor  
New Mexico**

**October 4, 2022**  
(Released Thursday, Oct. 6, 2022)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	3.30	96.70	76.81	32.32	7.27	0.18
<b>Last Week</b> 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
<b>3 Months Ago</b> 07-05-2022	0.00	100.00	98.45	94.89	57.11	11.35
<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> 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
<b>One Year Ago</b> 10-05-2021	10.17	89.83	75.62	49.04	15.91	0.00

Intensity:

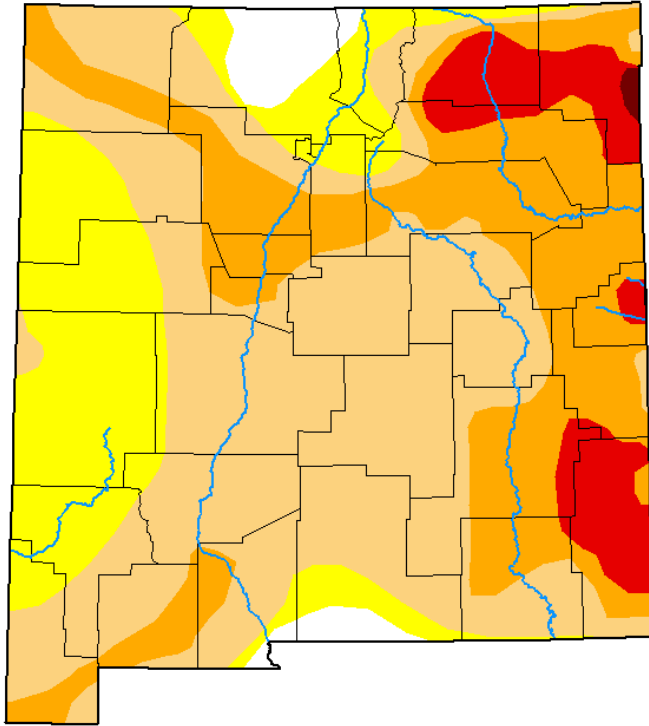


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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



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

**October 25, 2022**  
(Released Thursday, Oct. 27, 2022)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	4.94	95.06	46.09	21.48	7.02	0.19
<b>Last Week</b> 10-18-2022	4.94	95.06	49.06	23.09	7.01	0.19
<b>3 Months Ago</b> 07-26-2022	0.68	99.32	98.51	76.22	32.58	11.08
<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> 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
<b>One Year Ago</b> 10-26-2021	1.15	98.85	78.14	50.36	11.20	0.00

Intensity:

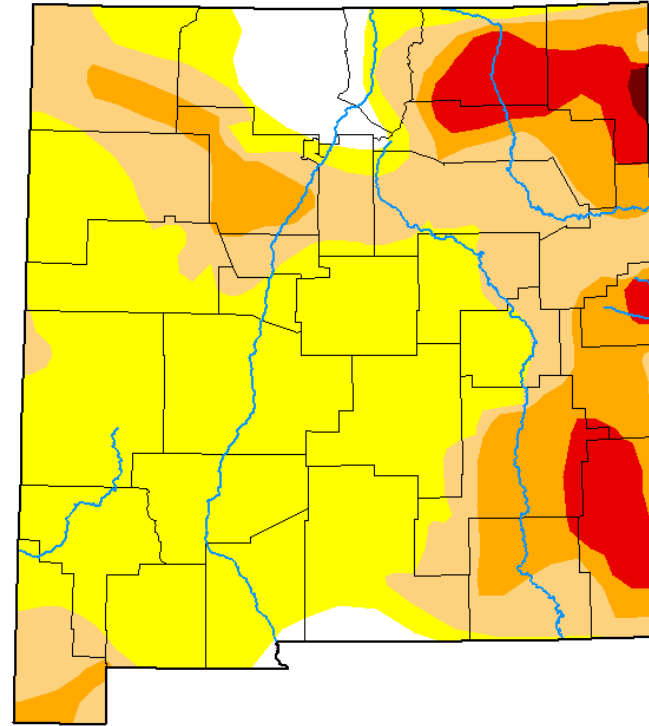


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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



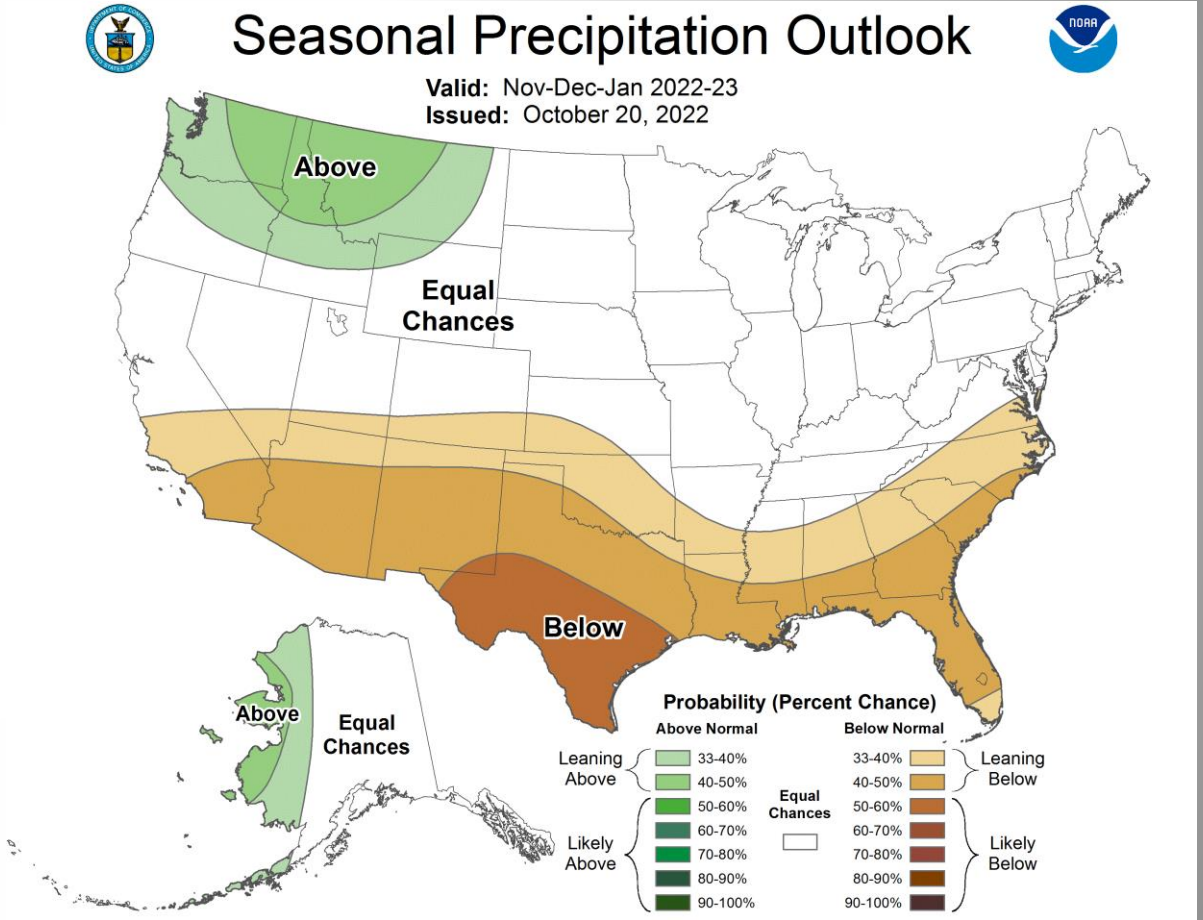
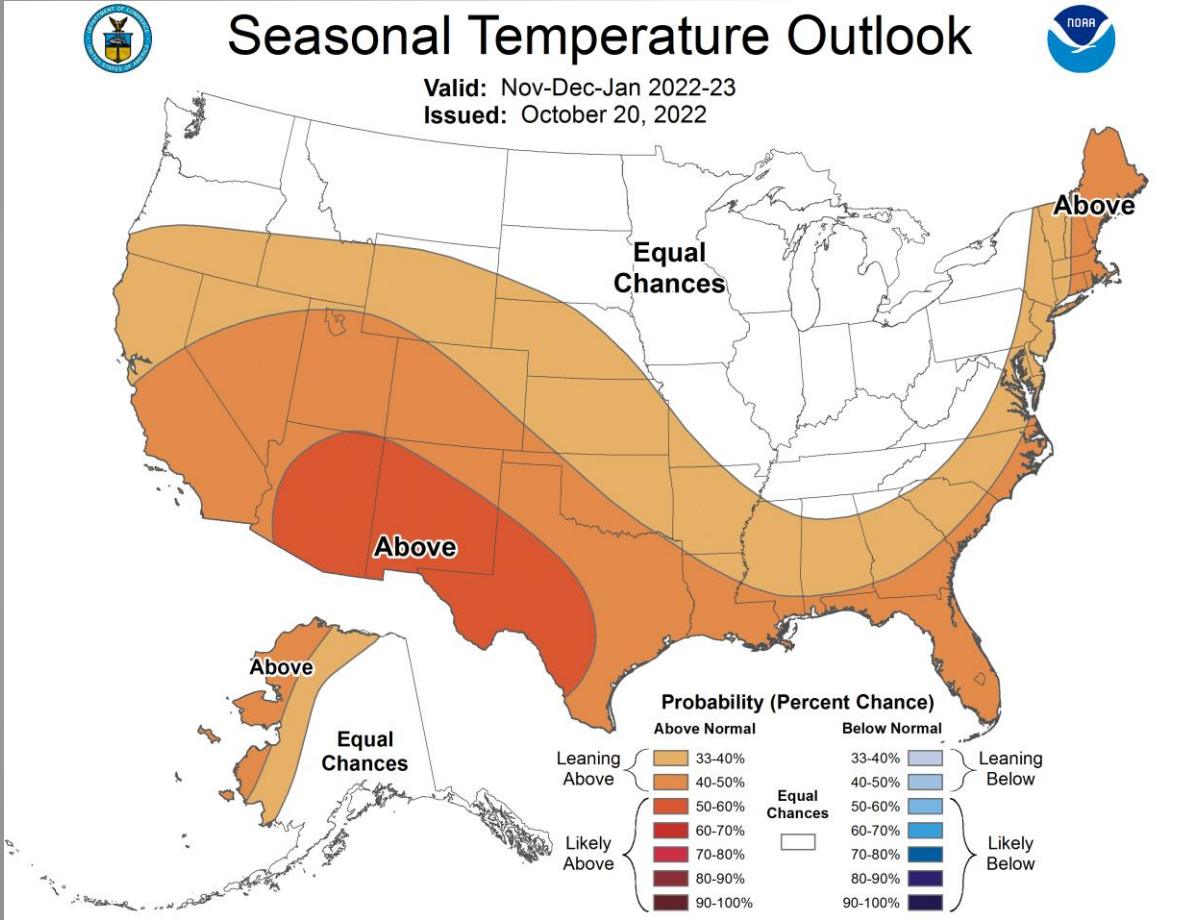
Drought conditions in October continued to improve. Drought covered 77% of the state at the start of the month, then down to 46% near the end of the month. Most of the improvement was in central and south central areas.





Temperature  
November-December-January

Precipitation  
November-December-January



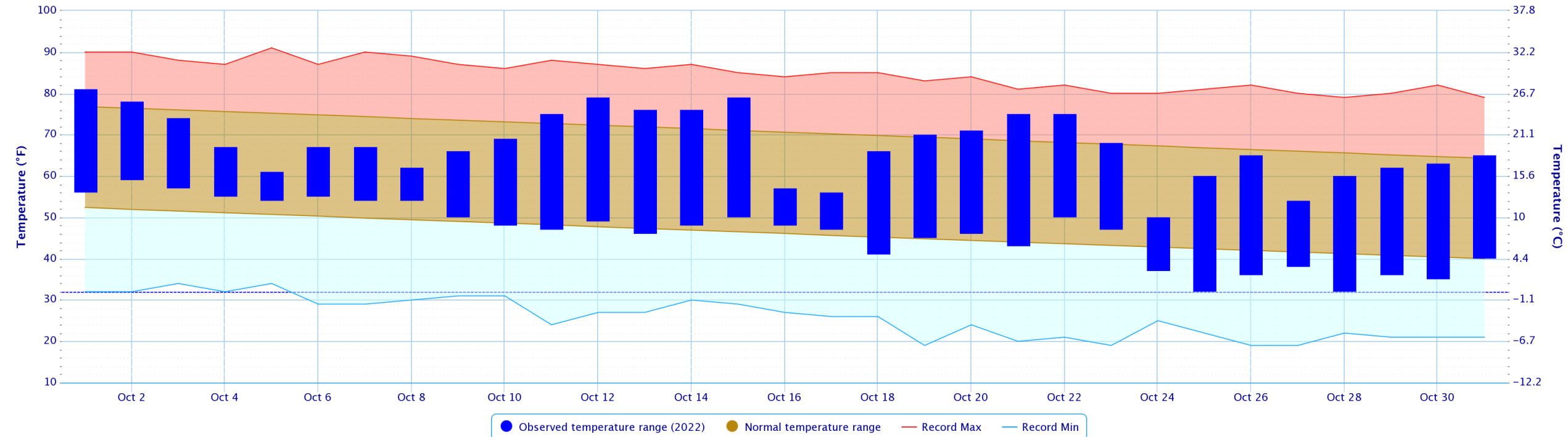
Above normal temperatures and below normal precipitation continue to be the most likely weather scheme for the late fall into the winter season, especially southern New Mexico.



Average Temperature: 56.9°

Daily Temperature Data – Albuquerque Area, NM (ThreadEx)

Period of Record – 1891–12–01 to 2022–11–05. Normals period: 1991–2020. Click and drag to zoom chart.



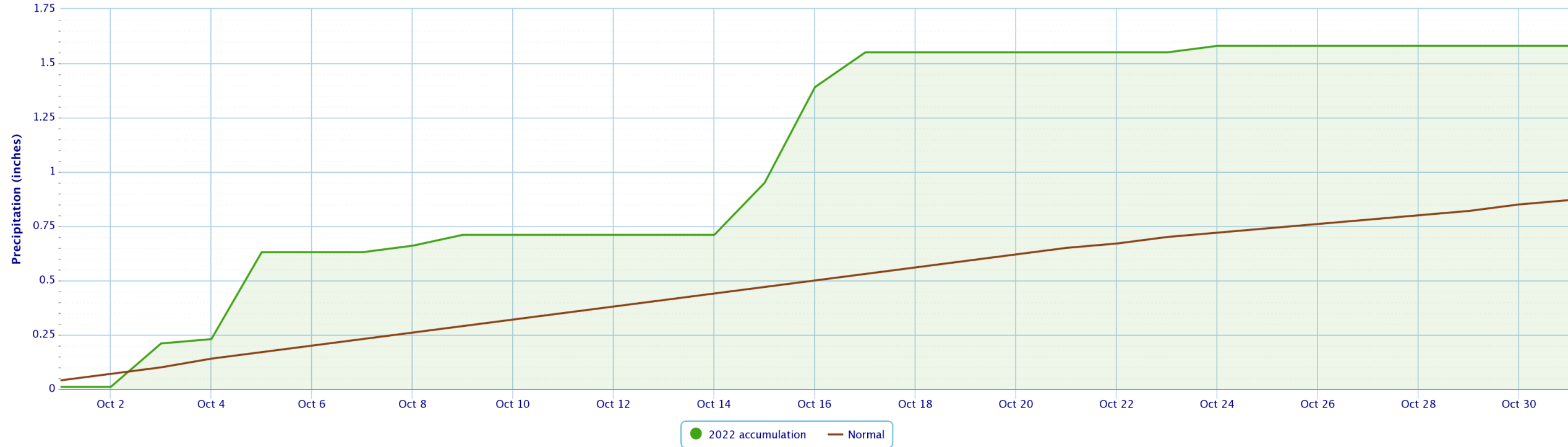
The October 2022 average temperature for Albuquerque was 56.9°, which was 1.5° below the normal of 58.4°. The average maximum temperature for the month was 67.5°. This was 3.1° below the normal average maximum temperature of 70.6°. The average minimum temperature for the month was 46.3°. This was 0.2° above the normal average minimum temperature of 46.1°. This ranked as the 62<sup>nd</sup> coolest October on record.



Precipitation: 1.58"

Accumulated Precipitation – Albuquerque 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 October 2022 precipitation for Albuquerque was 1.58", which was 0.71" above the normal of 0.87". This ranked as the 23<sup>rd</sup> wettest October on record.

There was 0.1" of snow, compared to the normal of 0.3".

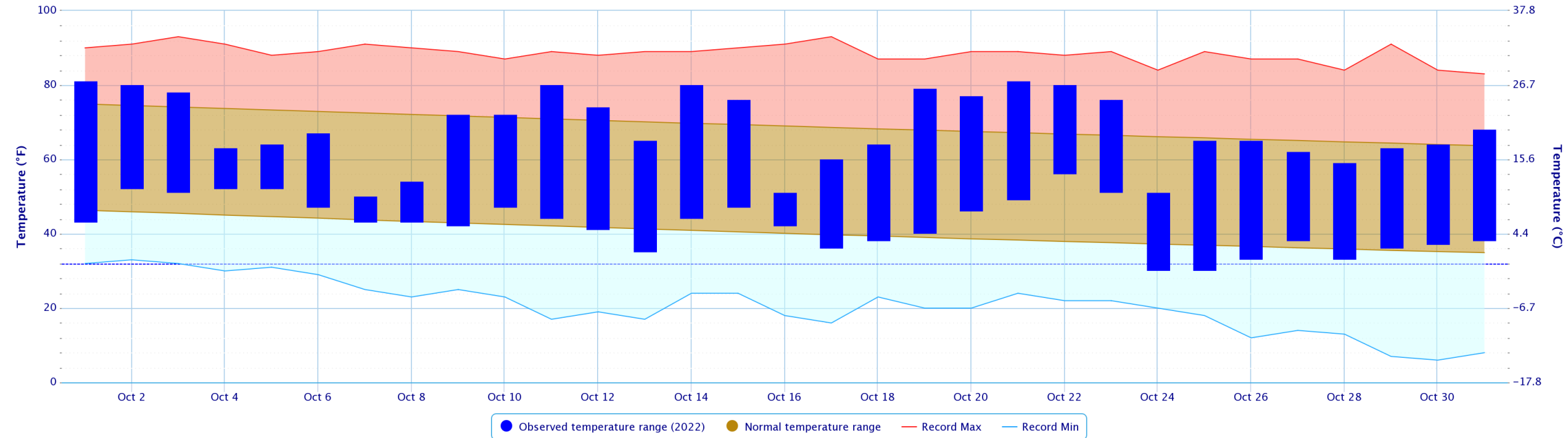




Average Temperature: 55.4°

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2022-11-05. Normals period: 1991-2020. Click and drag to zoom chart.



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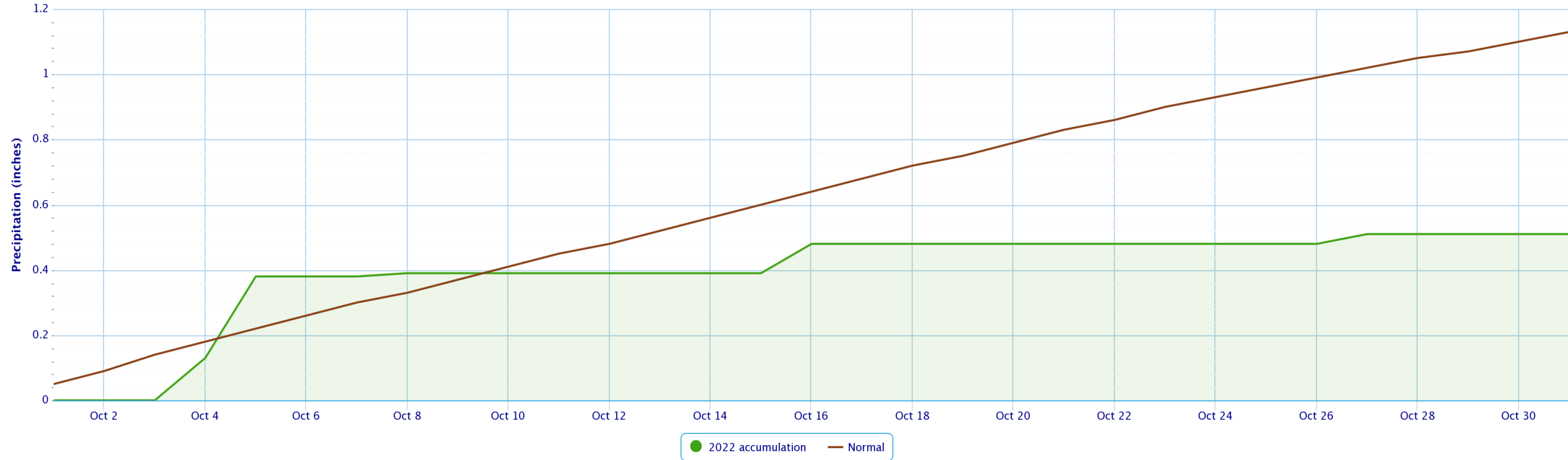
The October 2022 average temperature for Clayton was 55.4°, which was 0.7° above the normal of 54.7°. The average maximum temperature for the month was 68.4°. This was 0.7° below the normal average maximum temperature of 69.1°. The average minimum temperature for the month was 42.5°. This was 2.2° above the normal average minimum temperature of 40.3°. This ranked as the 50<sup>th</sup> warmest October on record.



Precipitation: 0.51"

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 October 2022 precipitation for Clayton was 0.51", which was 0.62" below the normal of 1.13". This ranked as the 52<sup>nd</sup> driest October on record.

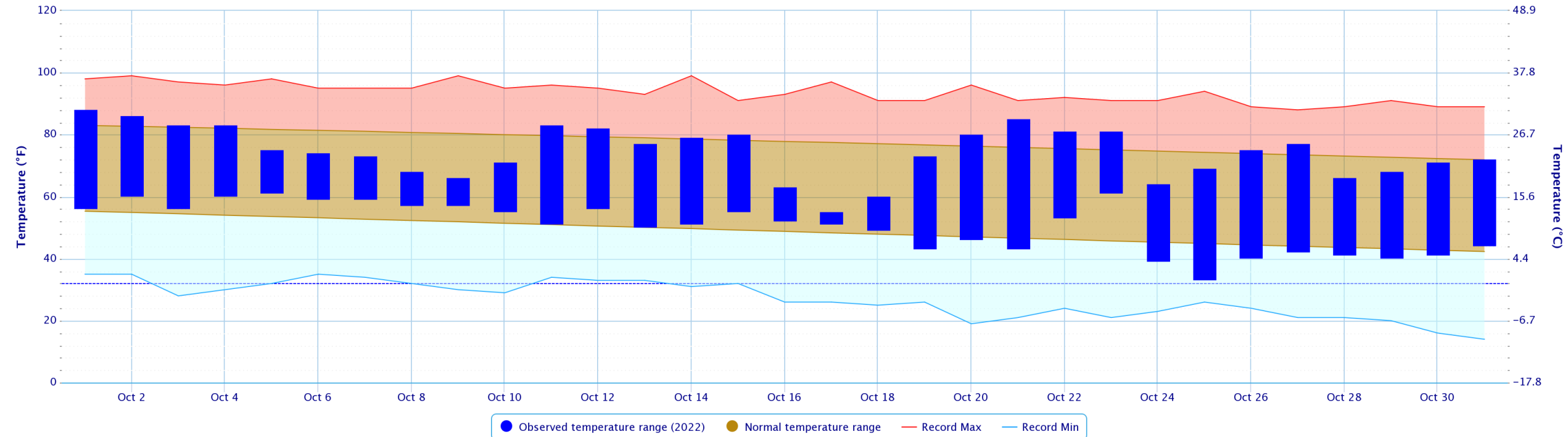
There was 0.0" of snow, compared to the normal of 1.2".



Average Temperature: 62.4°

Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of Record – Max temperature: 1893-01-03 to 2022-11-05; Min temperature: 1893-01-21 to 2022-11-05. Normals period: 1991-2020. Click and drag to zoom chart.



The October 2022 average temperature for Roswell was 62.4°, which was 0.8° below the normal of 63.2°. The average maximum temperature for the month was 74.5°. This was 3.2° below the average maximum temperature of 77.7°. The average minimum temperature for the month was 50.4°. This was 1.6° above the normal average minimum temperature of 48.8°. This ranked as the 95<sup>th</sup> coolest October on record.

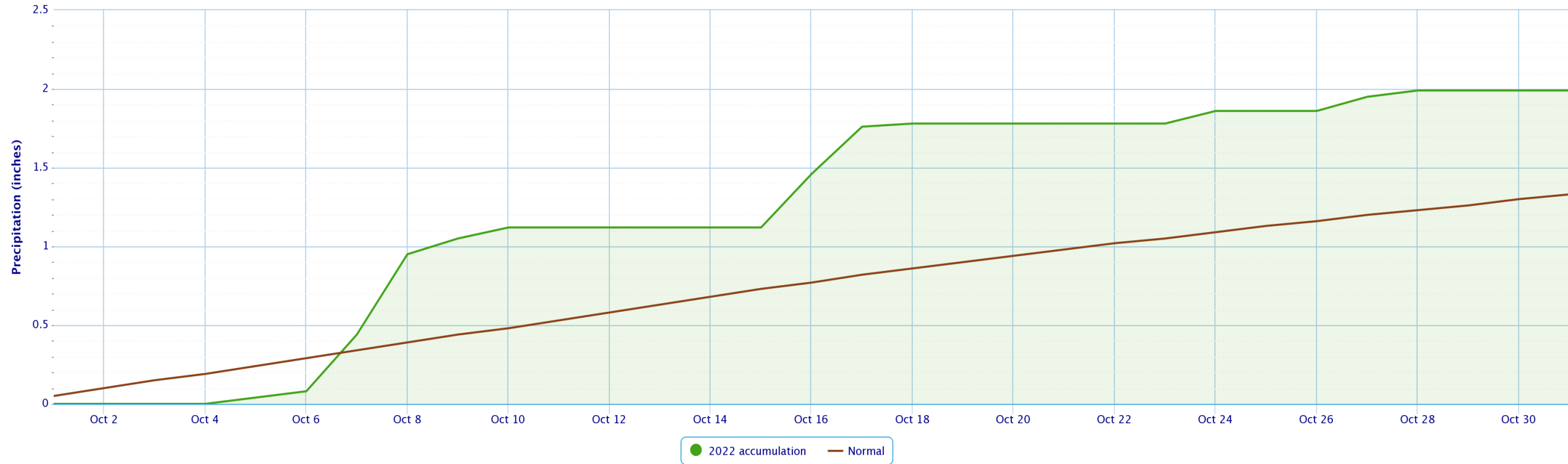




Precipitation: 1.99"

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 October 2022 precipitation for Roswell was 1.99", which was 0.66" above the normal of 1.33". This ranked as the 27<sup>th</sup> wettest October on record.








There was 0.0" of snow, compared to the normal of 0.4".



Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Funnel Cloud	10/4/2022	Santa Fe			A Forest Service employee spotted a funnel cloud near Edgewood around 445pm MDT on October 4, 2022.
Funnel Cloud	10/8/2022	Valencia			A Facebook post showed a well-defined funnel cloud near Belen, NM.
High Wind	10/16/2022	Middle Rio Grande Valley/Albuquerque Metro Area	52 kt	Gust	Peak wind gusts of 60 to 65 mph were reported below Tijeras Canyon. KOAT reported a downed power line in the Nob Hill area.
Funnel Cloud	10/4/2022	Mckinley			A post on social media indicated a large funnel cloud hovering over Twin Buttes Mesa near Navajo, NM.
High Wind	10/23/2022	West Central Plateau	53 kt	Gust	The Gallup airport reported a peak wind gust to 61 mph.
High Wind	10/23/2022	Central Highlands	51 kt	Gust	Clines Corners reported a peak wind gust to 59 mph.
High Wind	10/23/2022	South Central Mountains	60 kt	Gust	The Sierra Blanca Regional Airport reported an extended period of high wind gusts between 58 mph and 69 mph.
High Wind	10/23/2022	South Central Mountains	43 kt	Sustained	The Sierra Blanca Regional Airport reported an extended period of high sustained winds between 40 mph and 50 mph.
High Wind	10/23/2022	Johnson And Bartlett Mesas Including Raton Pass	52 kt	Gust	A weather station near Capulin reported peak wind gusts up to 60 mph.
High Wind	10/23/2022	Far Northeast Highlands	40 kt	Sustained	The Raton airport reported sustained winds between 40 mph and 46 mph for a couple hours.
High Wind	10/23/2022	Far Northeast Highlands	53 kt	Gust	The Raton airport reported peak wind gusts between 58 mph and 61 mph.
High Wind	10/23/2022	Northeast Highlands	39 kt	Sustained	The Las Vegas airport reported sustained winds between 40 mph and 45 mph for several hours.
High Wind	10/23/2022	Northeast Highlands	56 kt	Gust	The Las Vegas airport reported peak wind gusts between 58 mph and 64 mph periodically for several hours.
High Wind	10/23/2022	Union County	38 kt	Sustained	The Clayton airport reported sustained winds between 40 mph and 44 mph periodically for several hours.
High Wind	10/23/2022	Union County	53 kt	Gust	The Clayton airport reported peak winds between 58 mph and 61 mph.
High Wind	10/23/2022	Quay County	51 kt	Gust	The Tucumcari airport reported a peak wind gust up to 59 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/>



-  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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