



Synopsis

November 2022 started out with active weather focused across northern NM as several storms brought snow, freezing fog, strong winds, and much colder temperatures. The active weather spread to more of the state by the Thanksgiving holiday with widespread strong winds, periods of rain, and some heavy snow for southeast NM. High winds impacted the state again on the 29th but most areas remained dry.

November 25, 2022 | State Road 246 Eastern Chaves County
Photo courtesy Hagerman Police Department



November 19, 2022 | Sedillo, NM
Photo courtesy B. Guyer



November 4, 2022 | Valdez, NM
Photo courtesy D. Garrity via Twitter



November 14, 2022 | Valdez, NM
Photo courtesy D. Garrity via Twitter

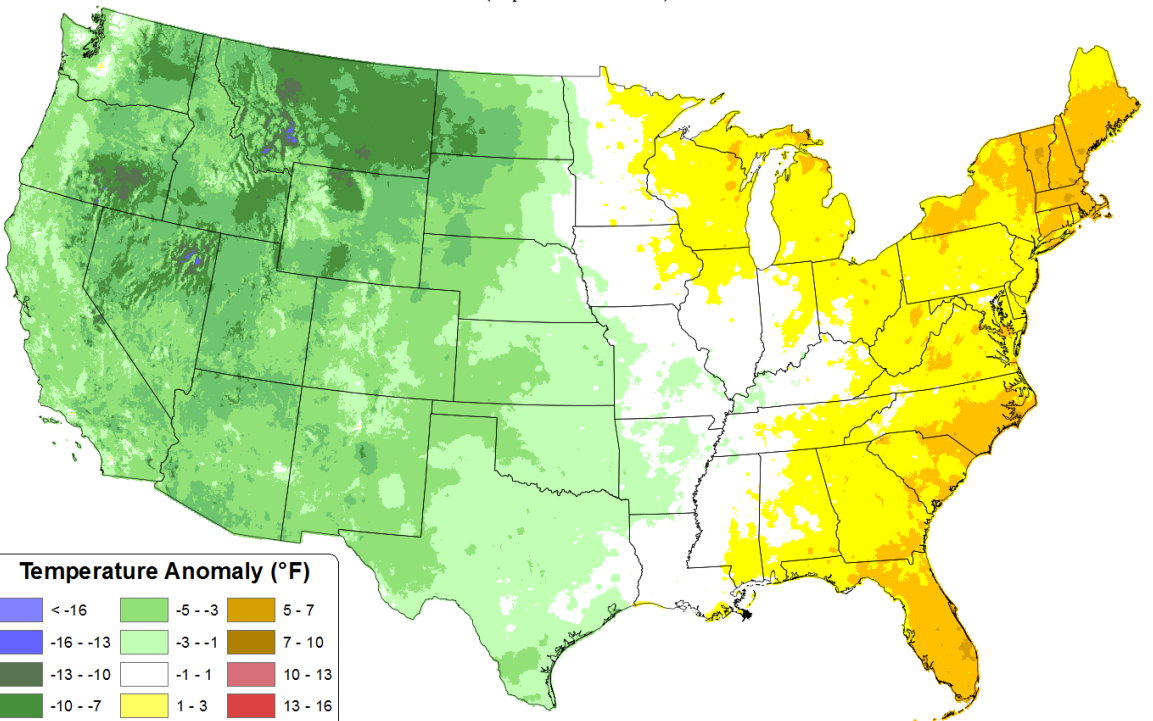
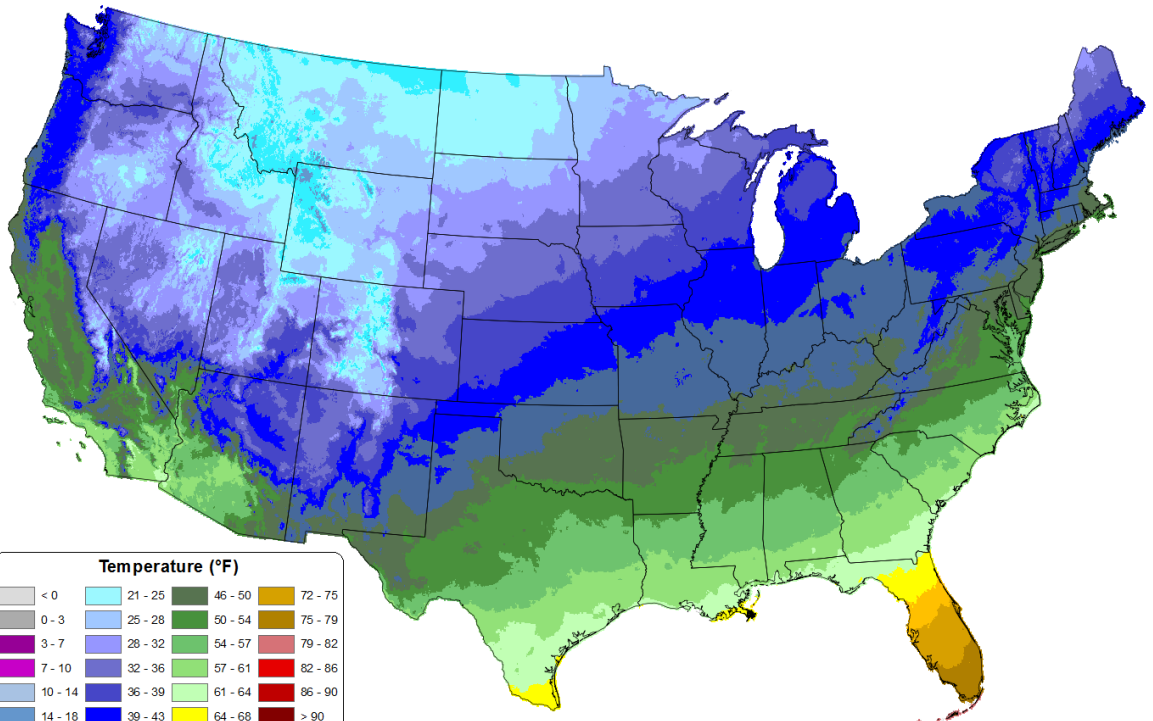


Actual

Anomaly

Average Daily Mean Temperature: Nov 2022
Period ending 7 AM EST 30 Nov 2022
(Map created 02 Dec 2022)

Daily Mean Temperature Anomaly: Nov 2022
Period ending 7 AM EST 30 Nov 2022
Base period: 1991-2020
(Map created 02 Dec 2022)



Temperature (°F)

< 0	21 - 25	46 - 50	72 - 75
0 - 3	25 - 28	50 - 54	75 - 79
3 - 7	28 - 32	54 - 57	79 - 82
7 - 10	32 - 36	57 - 61	82 - 86
10 - 14	36 - 39	61 - 64	86 - 90
14 - 18	39 - 43	64 - 68	> 90
18 - 21	43 - 46	68 - 72	

Temperature Anomaly (°F)

< -16	-5 - -3	5 - 7
-16 - -13	-3 - -1	7 - 10
-13 - -10	-1 - 1	10 - 13
-10 - -7	1 - 3	13 - 16
-7 - -5	3 - 5	> 16

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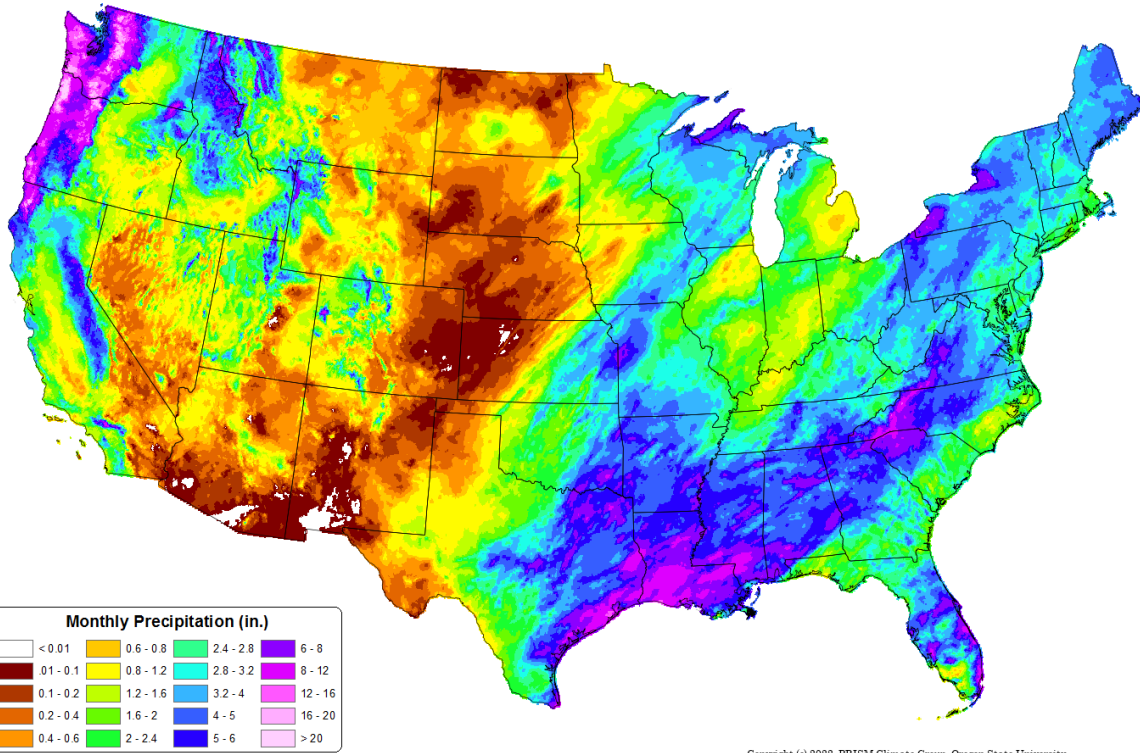
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November temperatures were below normal across all of NM. November 2022 was the coolest November in nearly 20 years in many locations.



Actual

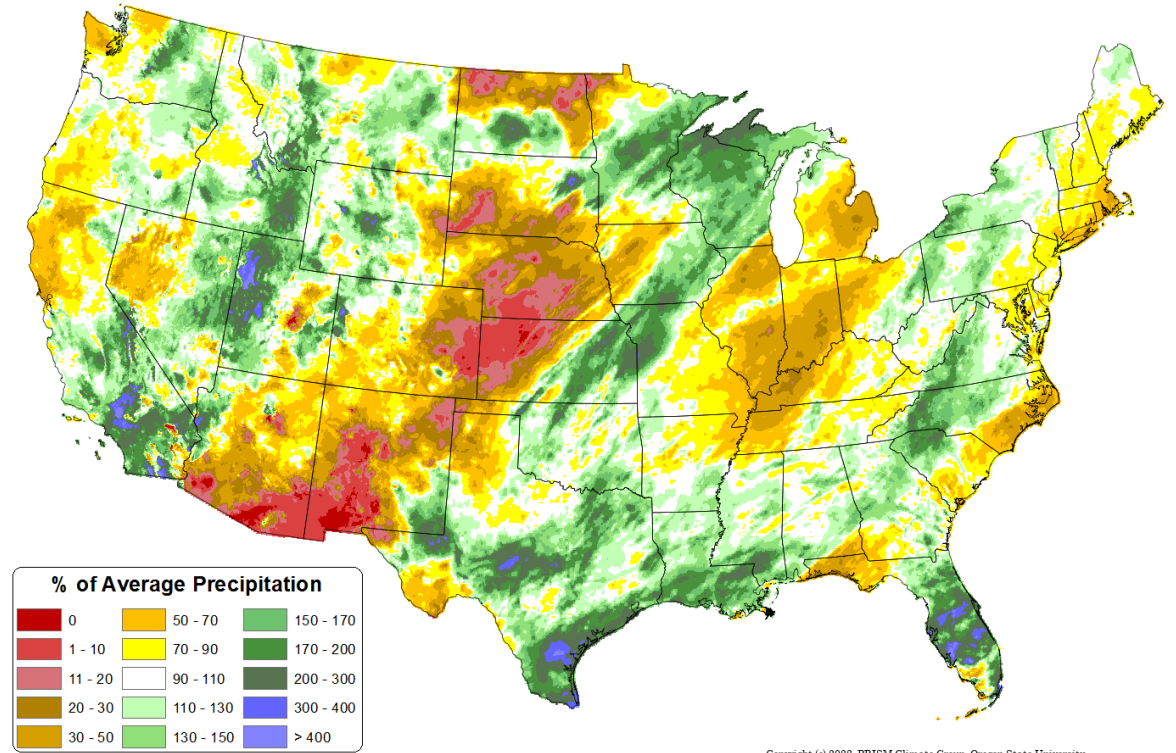
Total Precipitation: Nov 2022
Period ending 30 Nov 2022
(Map created 02 Dec 2022)



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Anomaly

Total Precipitation Anomaly: Nov 2022
Period ending 30 Nov 2022
Base period: 1991-2020
(Map created 02 Dec 2022)

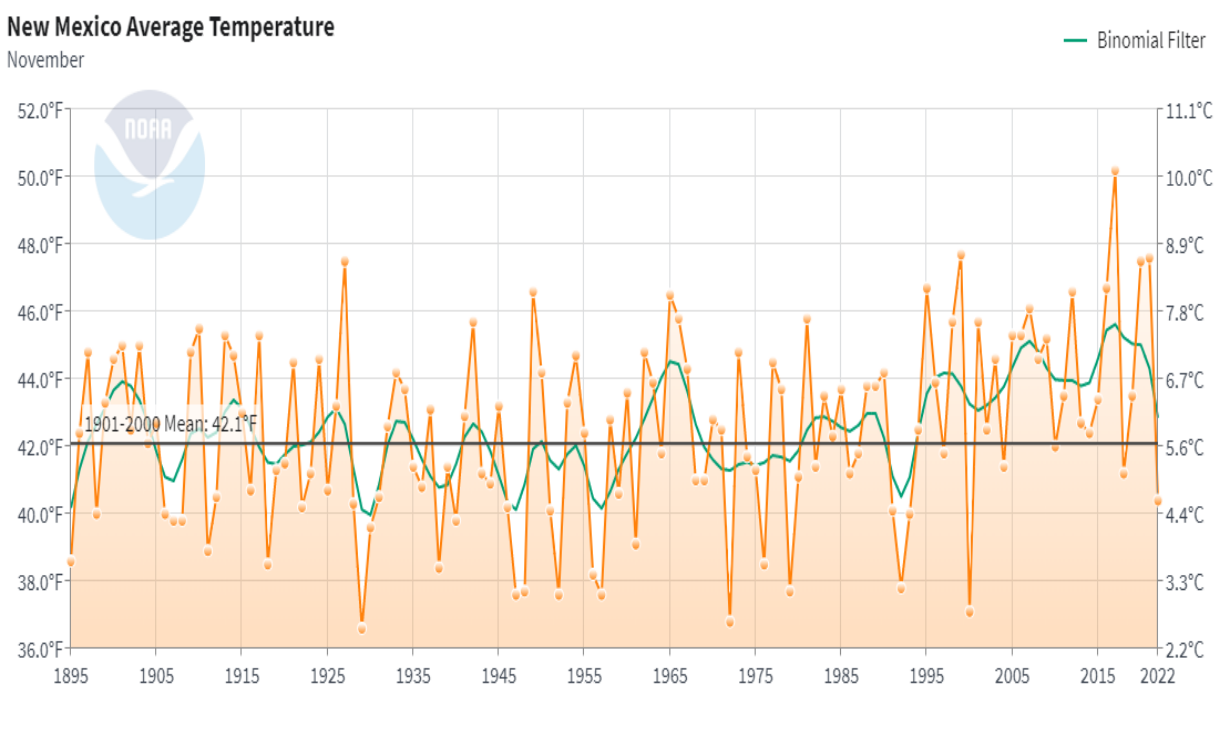


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November precipitation was well below normal across much of NM, especially southern and central areas.

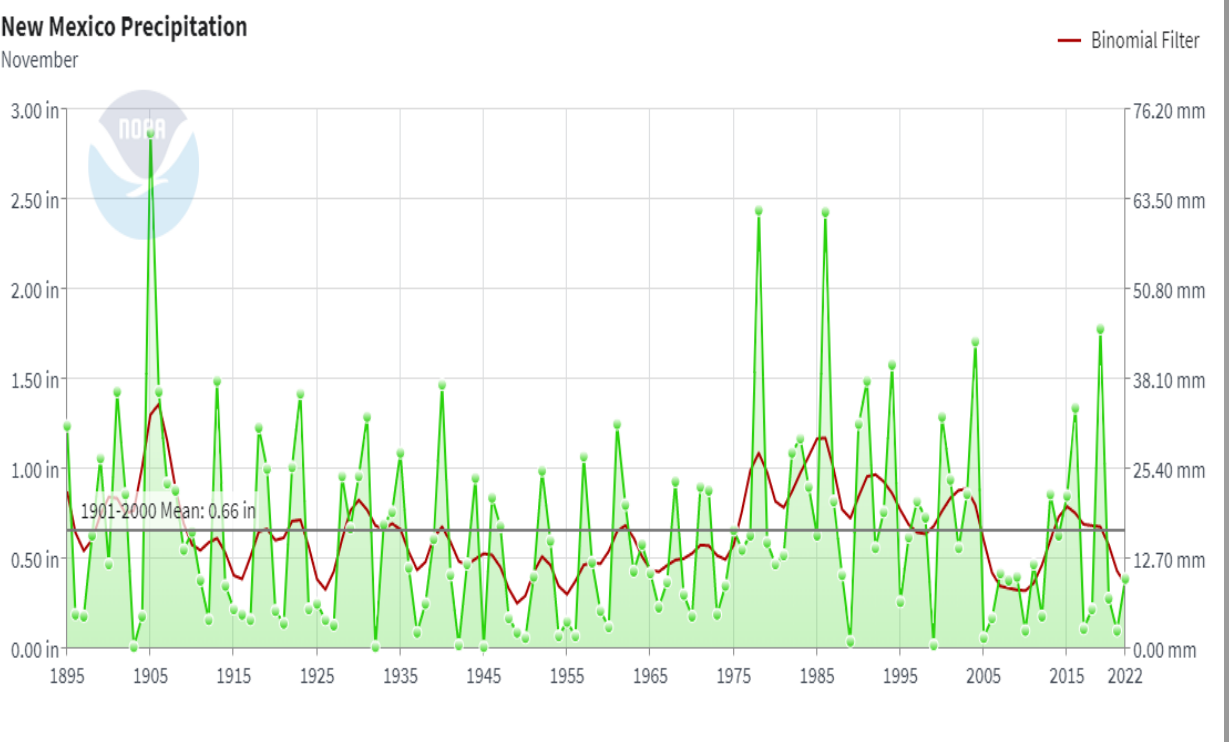


Temperature



The November 2022 average statewide temperature was 40.4°, which was 1.7° below the long-term normal of 42.1° (1901-2000). This ranked as the 29th coolest November on record (1895-2022). November 2022 was the coolest November in 22 years.

Precipitation

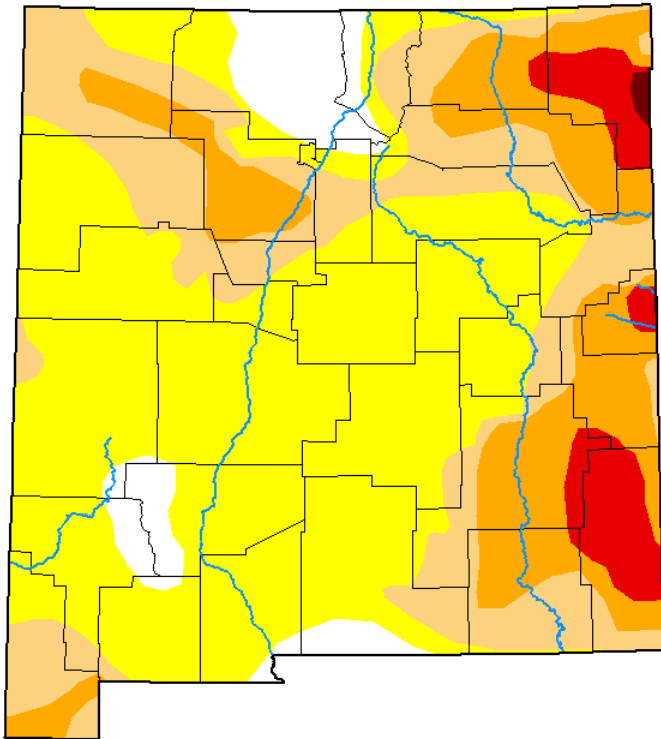


The November 2022 average statewide precipitation was 0.39", which was 0.27" below the long-term normal of 0.66" (1901-2000). This ranked as the 48th driest November on record (1895-2022).



U.S. Drought Monitor New Mexico

November 1, 2022
(Released Thursday, Nov. 3, 2022)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.76	93.24	42.20	20.41	4.93	0.19
Last Week 10-25-2022	4.94	95.06	46.09	21.48	7.02	0.19
3 Months Ago 08-02-2022	0.68	99.32	95.91	71.24	29.41	9.34
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
One Year Ago 11-02-2021	0.19	99.81	78.14	51.53	11.20	0.00

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>

Author:

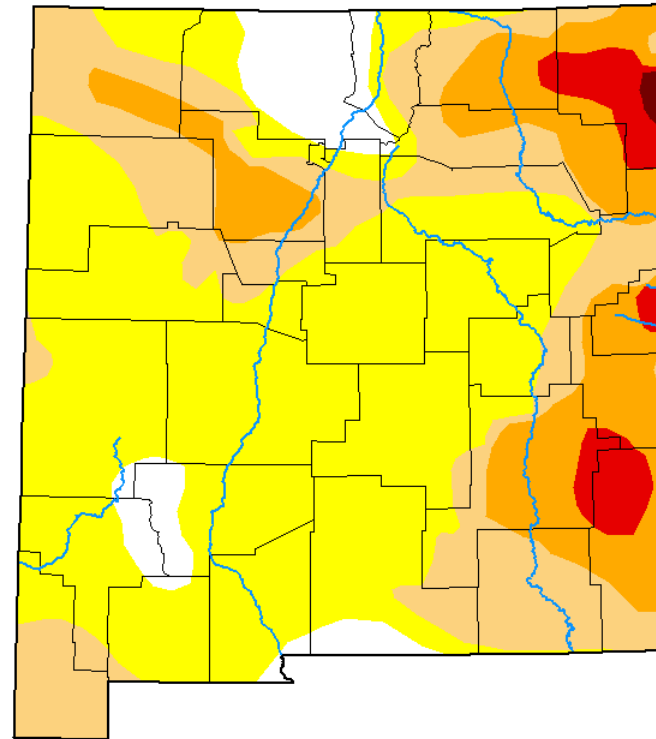
Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor New Mexico

November 29, 2022
(Released Thursday, Dec. 1, 2022)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.76	93.24	42.32	18.42	3.74	0.19
Last Week 11-22-2022	6.76	93.24	42.34	20.51	4.93	0.19
3 Months Ago 08-30-2022	0.93	99.07	87.78	58.58	10.43	0.23
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
One Year Ago 11-30-2021	0.15	99.85	94.19	69.50	19.01	0.00

Intensity:

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

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Author:

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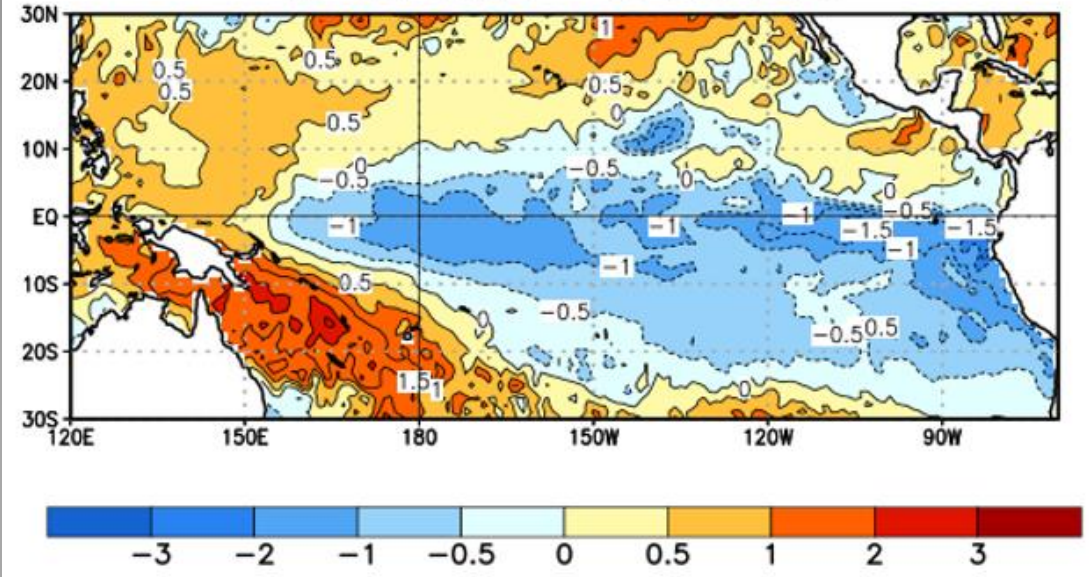


droughtmonitor.unl.edu

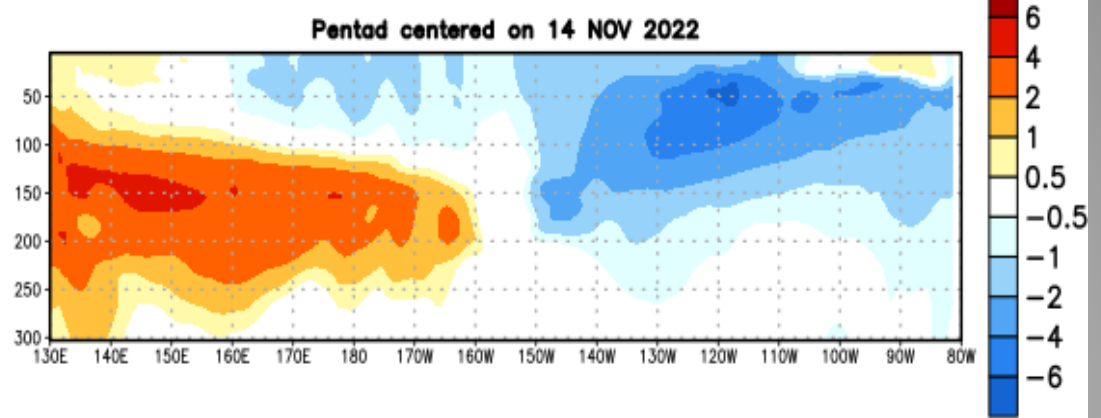
Drought conditions in November improved only very slightly across the state. Despite several rain and snow events that impacted the region, precipitation amounts were fairly light with most areas picking up less than one-half inch. The exception was for the snow event across southeast NM over Thanksgiving that led to above normal precipitation for November 2022.



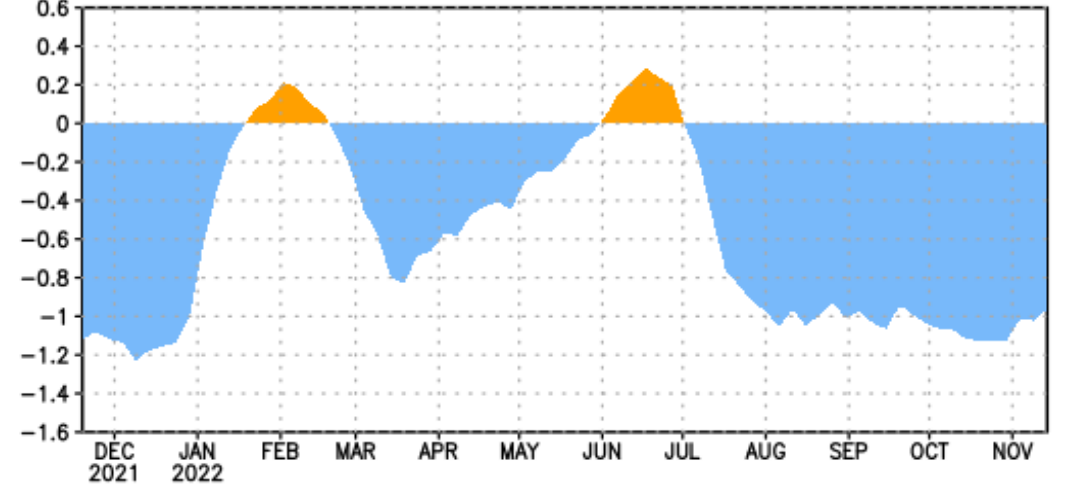
Average SST Anomalies
23 OCT 2022 – 19 NOV 2022



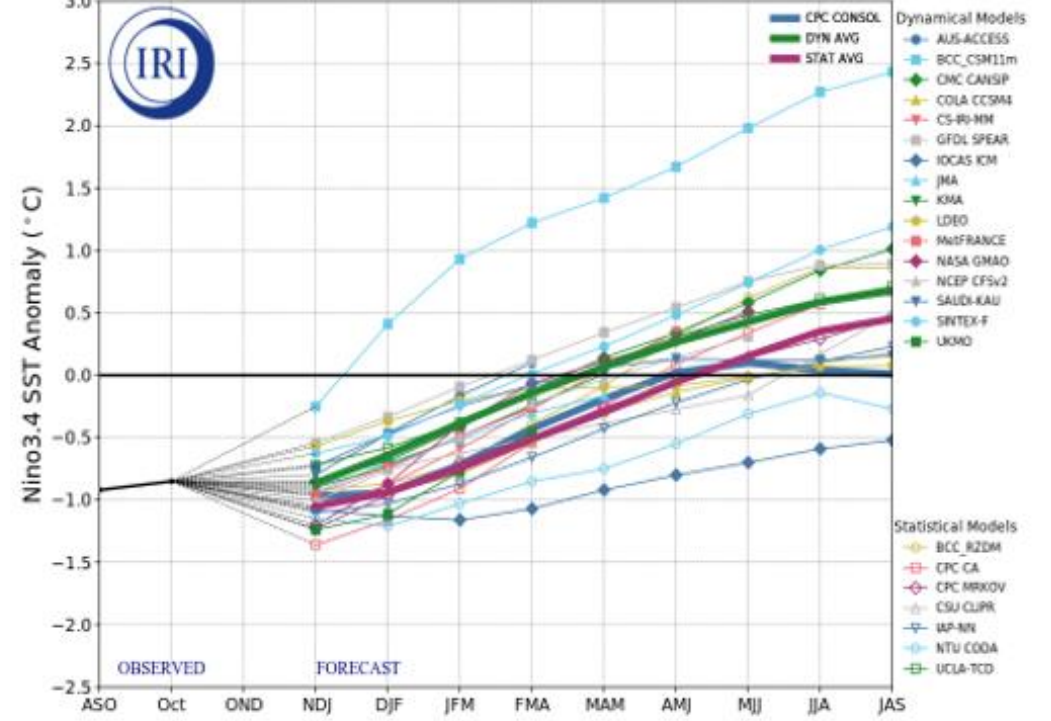
EQ. Subsurface Temperature Anomalies (deg C)



EQ. Upper-Ocean Heat Anoms. (deg C) for 180–100W



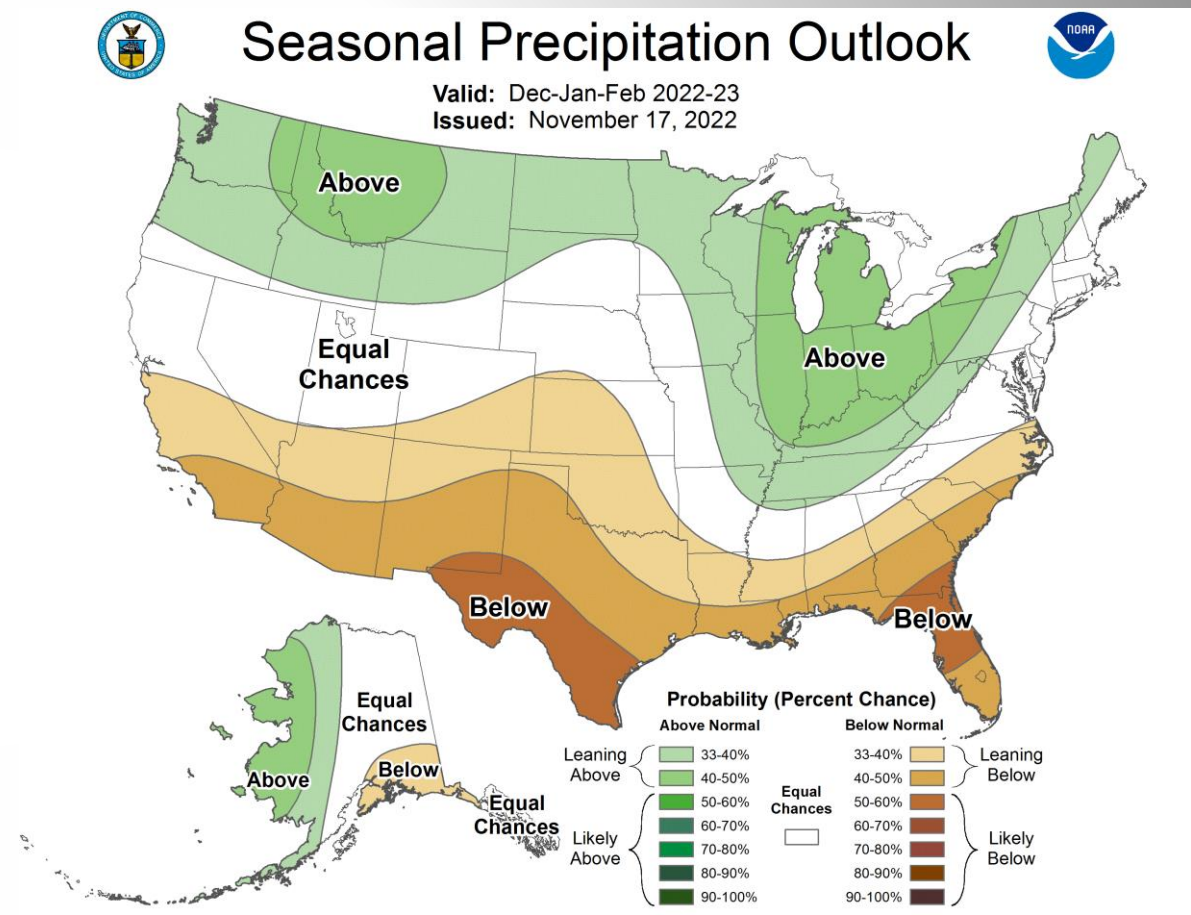
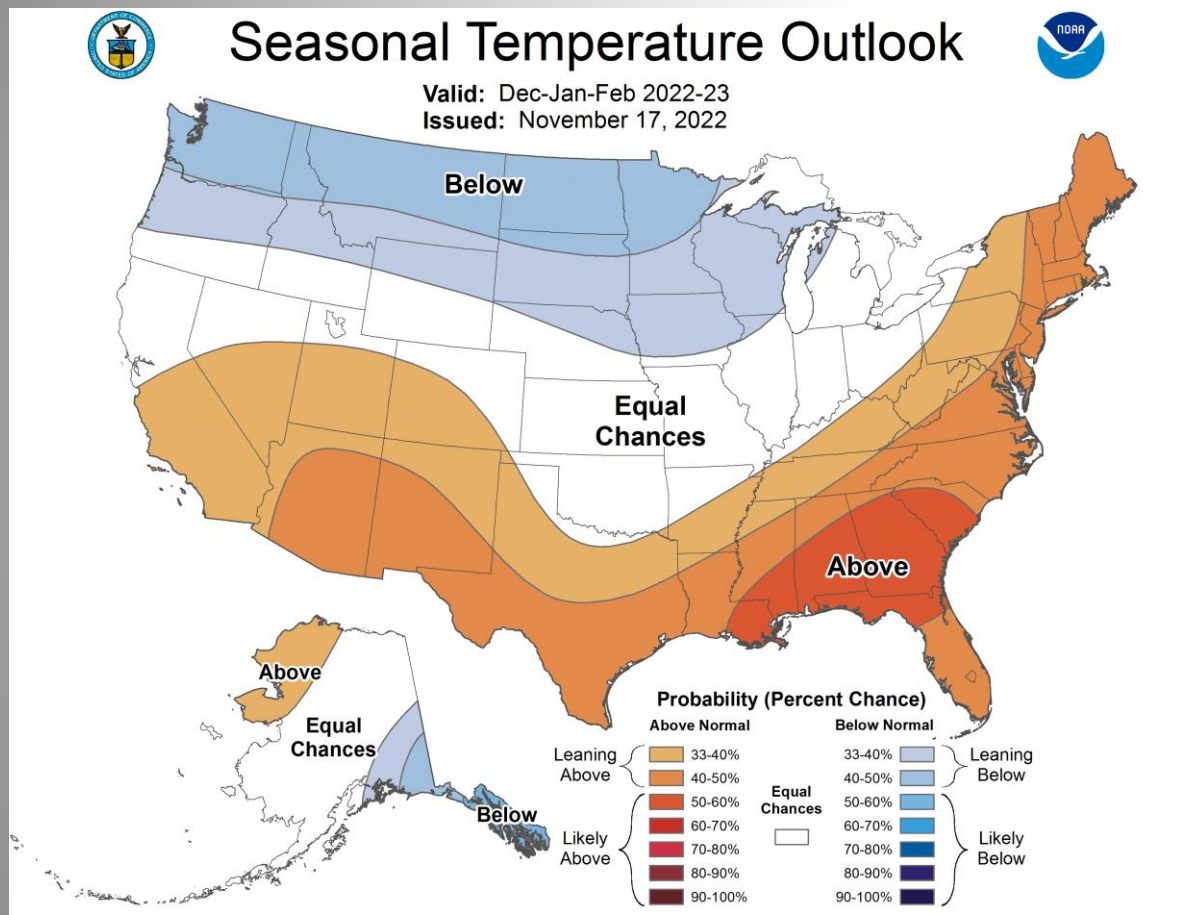
Model Predictions of ENSO from Nov 2022





Temperature
December-January-February

Precipitation
December-January-February



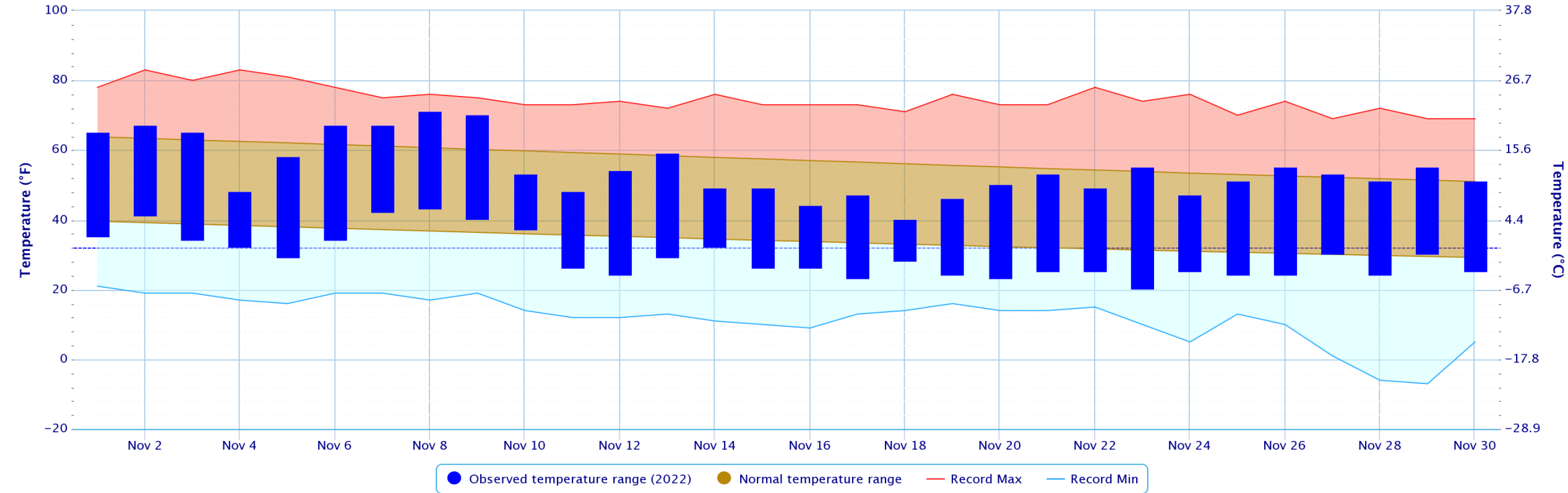
The Climate Prediction Center is highlighting above normal temperatures and below normal precipitation as the most likely weather regime for the winter season, especially across southern New Mexico.



Average Temperature: 42.0°

Daily Temperature Data – Albuquerque Area, NM (ThreadEx)

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



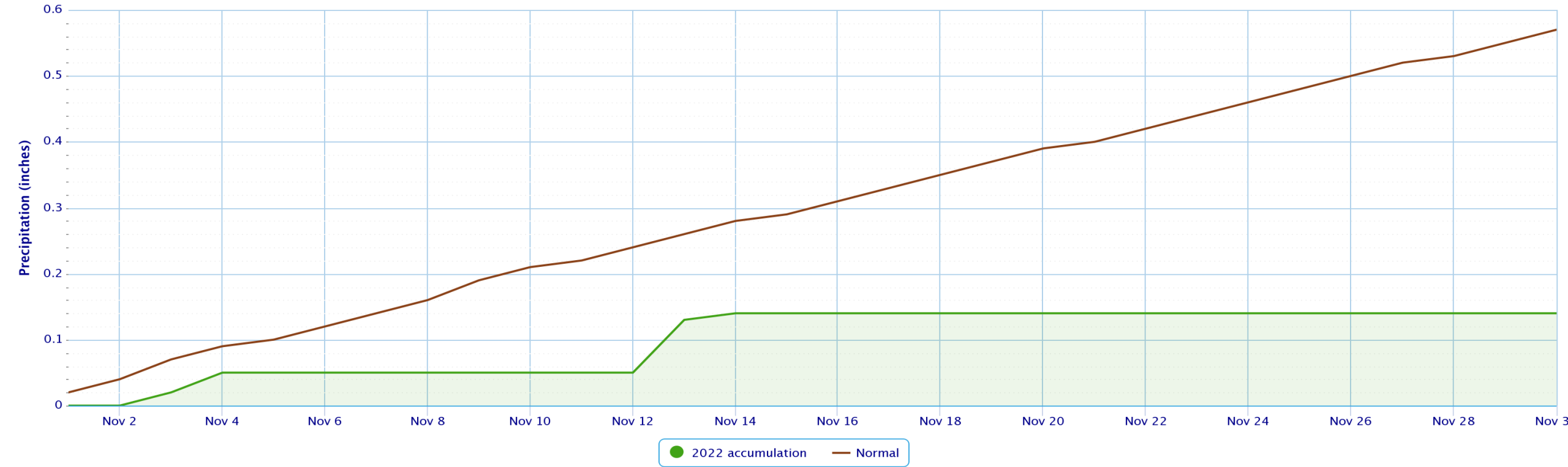
The November 2022 average temperature for Albuquerque was 42.0°, which was 3.7° below the normal of 45.7°. The average maximum temperature for the month was 54.6°. This was 2.7° below the normal average maximum temperature of 57.3°. The average minimum temperature for the month was 29.3°. This was 4.8° below the normal average minimum temperature of 34.1°. This ranked as the 27th coolest November on record and the coldest since 2000.



Precipitation: 0.14"

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 November 2022 precipitation for Albuquerque was 0.14", which was 0.43" below the normal of 0.57". This ranked as the 47th driest November on record.

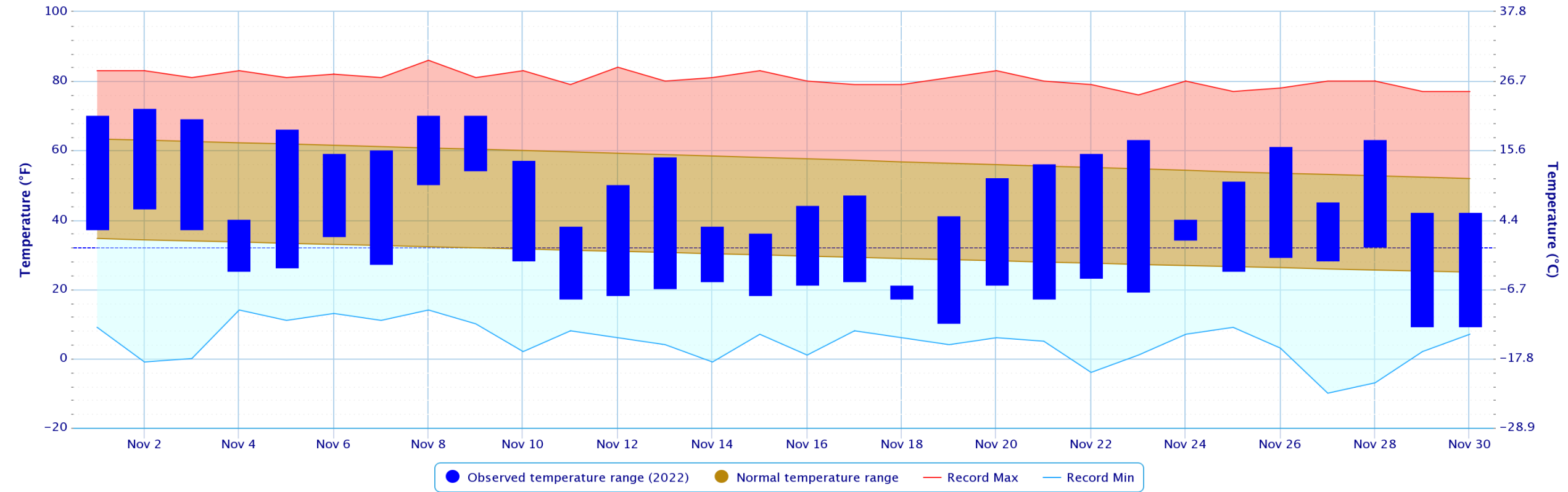
There was a trace of snow, compared to the normal of 0.9".



Average Temperature: 39.2°

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2022-12-01. Normals period: 1991-2020. Click and drag to zoom chart.



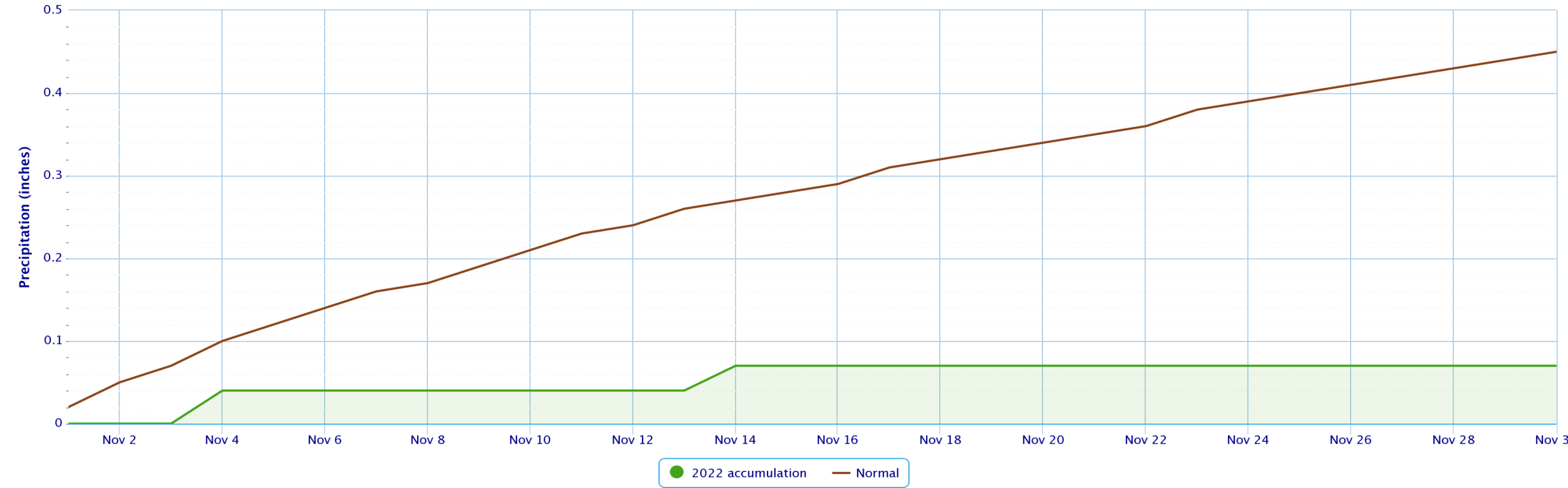
The November 2022 average temperature for Clayton was 39.2°, which was 4.5° below the normal of 43.7°. The average maximum temperature for the month was 52.7°. This was 5.0° below the normal average maximum temperature of 57.7°. The average minimum temperature for the month was 25.8°. This was 3.9° below the normal average minimum temperature of 29.7°. This ranked as the 18th coolest November on record and the coldest since 2000.



Precipitation: 0.07"

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 November 2022 precipitation for Clayton was 0.07", which was 0.38" below the normal of 0.45". This ranked as the 31st driest November on record.

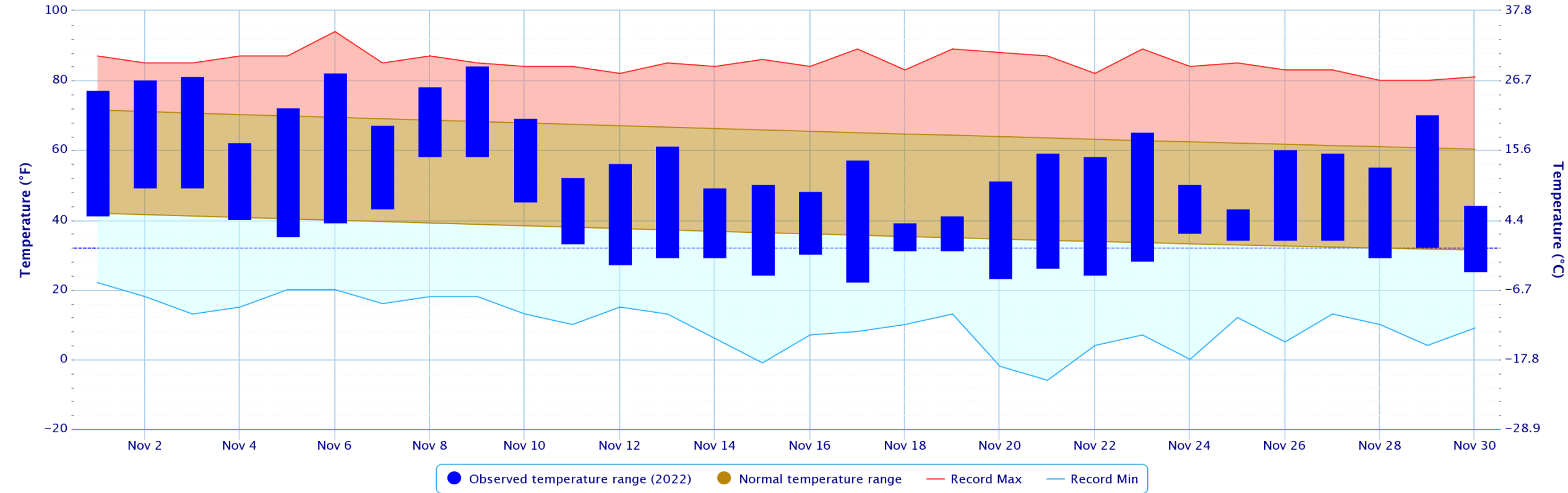
There was 0.7" of snow, compared to the normal of 2.7".



Average Temperature: 47.6°

Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of Record – Max temperature: 1893-01-03 to 2022-12-01; Min temperature: 1893-01-21 to 2022-12-01. Normals period: 1991-2020. Click and drag to zoom chart.



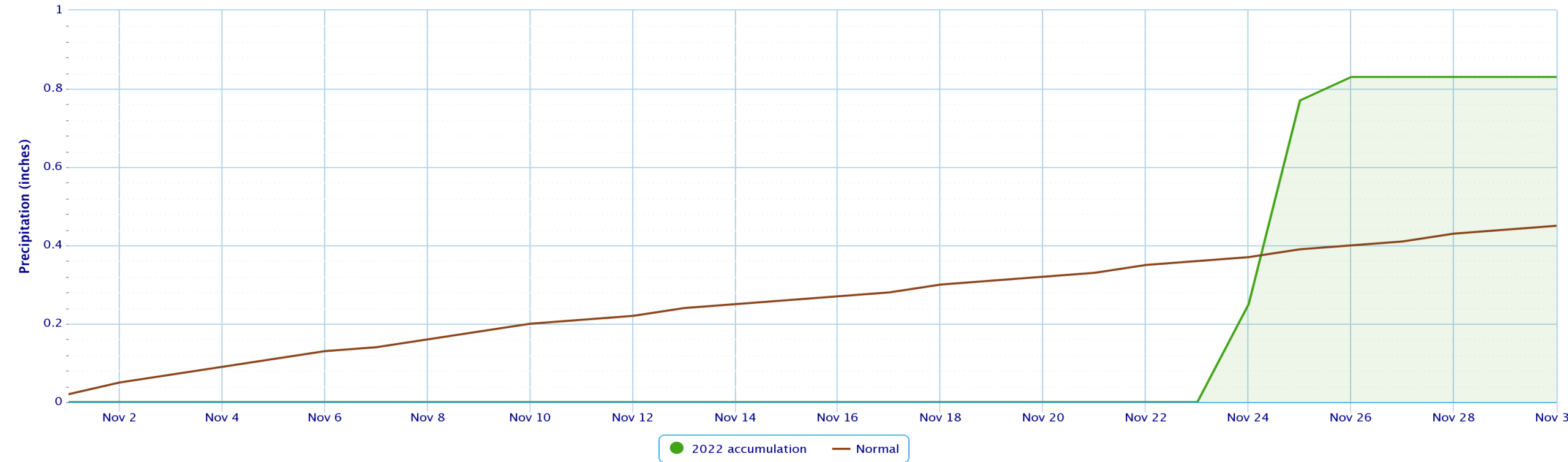
The November 2022 average temperature for Roswell was 47.6°, which was 3.4° below the normal of 51.0°. The average maximum temperature for the month was 60.6°. This was 5.1° below the average maximum temperature of 65.7°. The average minimum temperature for the month was 34.6°. This was 1.7° below the normal average minimum temperature of 36.3°. This ranked as the 53rd coolest November on record.



Precipitation: 0.83"

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 November 2022 precipitation for Roswell was 0.83", which was 0.38" above the normal of 0.45". This ranked as the 27th wettest November on record.

There was 0.3" of snow, compared to the normal of 1.2".










Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
High Wind	11/3/2022	Central Highlands	51 kt	Gust	Clines Corners reported a peak wind gust up to 59 mph.
High Wind	11/3/2022	Central Highlands	43 kt	Sustained	Clines Corners reported sustained winds up to 43 mph.
High Wind	11/3/2022	Middle Rio Grande Valley/Albuquerque Metro	50 kt	Gust	A brief wind gust to 58 mph was reported at the Albuquerque Sunport.
High Wind	11/3/2022	Johnson & Bartlett Mesas Including Raton Pass	51 kt	Gust	A public weather station three miles south of Capulin reported a peak wind gust up to 59 mph.
High Wind	11/3/2022	Far Northeast Highlands	53 kt	Gust	The Raton Crews airport reported wind gusts between 58 mph and 61 mph periodically for a couple hours.
High Wind	11/3/2022	Far Northeast Highlands	39 kt	Sustained	The Raton Crews airport reported sustained winds between 40 mph and 45 mph periodically for a couple hours.
High Wind	11/3/2022	Northeast Highlands	51 kt	Gust	The Las Vegas airport reported a peak wind gust up to 59 mph.
High Wind	11/4/2022	Central Highlands	51 kt	Gust	Clines Corners reported a peak wind gust up to 59 mph.
High Wind	11/5/2022	Central Highlands	67 kt	Gust	Potent mountain wave activity produced wind gusts up to 77 mph at Clines Corners.
High Wind	11/5/2022	Central Highlands	44 kt	Sustained	Potent mountain wave activity produced an extended period of sustained winds between 40 mph and 51 mph at Clines Corners.
High Wind	11/5/2022	De Baca County	54 kt	Gust	A peak wind gust up to 62 mph was reported at the Columbia Scientific Balloon Facility in Fort Sumner.
High Wind	11/9/2022	Northern Sangre De Cristo Mountains	53 kt	Gust	The Taos Ski Valley mesonet station reported peak wind gusts up to 61 mph for several hours.
High Wind	11/9/2022	Johnson & Bartlett Mesas Including Raton Pass	52 kt	Gust	A weather station south of Capulin reported a peak wind gust up to 60 mph.
High Wind	11/9/2022	Northeast Highlands	53 kt	Gust	The Raton airport reported several peak wind gusts between 58 mph and 61 mph.
High Wind	11/9/2022	Northeast Highlands	38 kt	Sustained	The Raton airport reported sustained winds between 40 mph and 44 mph periodically for several hours.
Heavy Snow	11/13-11/14/2022	Southern Sangre De Cristo Mountains		8-12"	Tres Ritos to Santa Fe Ski Basin.
High Wind	11/24/2022	South Central Highlands	56 kt	Gust	Several mesonet sites on the White Sands Missile Range reported peak wind gusts between 58 mph and 65 mph.
High Wind	11/24/2022	De Baca County	56 kt	Gust	Northerly wind gusts up to 65 mph impacted Fort Sumner.
Winter Storm	11/24/2022	Johnson & Bartlett Mesas Including Raton Pass			Snow and strong wind gusts up to 55 mph resulted in near-blizzard conditions along I-25 at Raton Pass and portions of U.S. 67/84.
Heavy Snow	11/24-11/26/2022	Roosevelt County		2-5"	Kenna to Milnesand.
Heavy Snow	11/24-11/25/2022	De Baca County		1-4"	southern areas of De Baca County.
Heavy Snow	11/24-11/26/2022	Chaves County Plains		3-8"	eastern Chaves County along SR-246. Motorists stranded.
Heavy Snow	11/24-11/25/2022	Eastern Lincoln County		4-9"	rural eastern Lincoln County.
Heavy Snow	11/24-11/25/2022	Southwest Chaves County		3-6"	Dunken to Elk.
Heavy Snow	11/24-11/25/2022	South Central Highlands		3-6"	Mountainair to Corona.
Winter Storm	11/24/2022	Quay County		1-3"	Snow and high wind gusts up to 62 mph.
High Wind	11/29/2022	Southwest Mountains	58 kt	Gust	The Magdalena Ridge Observatory reported peak wind gusts up to 67 mph.
High Wind	11/29/2022	Northern Sangre De Cristo Mountains	65 kt	Gust	The mesonet station on Highline Ridge at Taos Ski Valley reported peak wind gusts up to 75 mph.
High Wind	11/29/2022	East Slopes Sangre De Cristo Mountains	50 kt	Gust	The Angel Fire airport reported a peak wind gust up to 58 mph.
High Wind	11/29/2022	Sandia/Manzano Mts Including Edgewood	55 kt	Gust	The Sandia Crest reported a peak wind gust up to 63 mph.
High Wind	11/29/2022	Central Highlands	56 kt	Gust	Clines Corners reported peak wind gusts between 58 mph and 64 mph for several hours.
High Wind	11/29/2022	South Central Mountains	55 kt	Gust	The Smokey Bear RAWs and Sierra Blanca airport reported peak wind gusts between 58 mph and 63 mph.
High Wind	11/29/2022	Far Northeast Highlands	50 kt	Gust	The Raton airport reported a peak wind gust up to 58 mph.
High Wind	11/29/2022	Northeast Highlands	54 kt	Gust	The Las Vegas airport reported a peak wind gust up to 62 mph.
High Wind	11/29/2022	Northeast Highlands	38 kt	Sustained	The Las Vegas airport reported sustained wind speeds up to 44 mph.
High Wind	11/29/2022	Guadalupe County	56 kt	Gust	The NMCC mesonet sites near Thompson Cattle and Vaughn reported peak wind gusts between 58 mph and 65 mph.
High Wind	11/29/2022	Guadalupe County	43 kt	Sustained	The NMCC mesonet site near Vaughn reported sustained winds between 40 mph and 49 mph periodically for several hours.
Strong Wind	11/29/2022	Santa Fe Metro Area	45 kt	Gust	The Santa Fe airport manager reported a massive snarl of tumbleweeds accumulated up to 15 feet high near an airport hangars.

*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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