



Synopsis

January 2022 was more active than earlier in the winter. However, with the exception of one storm on the 26th and 27th, precipitation was light and not widespread. Thus, much of New Mexico had below normal precipitation, while central areas were near to a little above normal. Temperatures varied from near to above normal in the west and central areas to below normal in the east.



Belen Clouds | January 11, 2022
Photo courtesy SMHarris via Twitter



Pendaries Snow | January 27, 2022
Photo courtesy Connie Gann



Sandia Mountain Snowpack 10,400' | January 17, 2022 vs. December 17, 2021
Photo courtesy Kerry Jones



East Mts Sunset | January 8, 2022
Photo courtesy DM Sandoval via Twitter



ABQ Sunport | January 17, 2022
Photo courtesy NWS ABQ



Abiquiu | January 1, 2022
Photo courtesy Mike Caffey



Golden Open Space | January 23, 2022
Photo courtesy B. Guyer

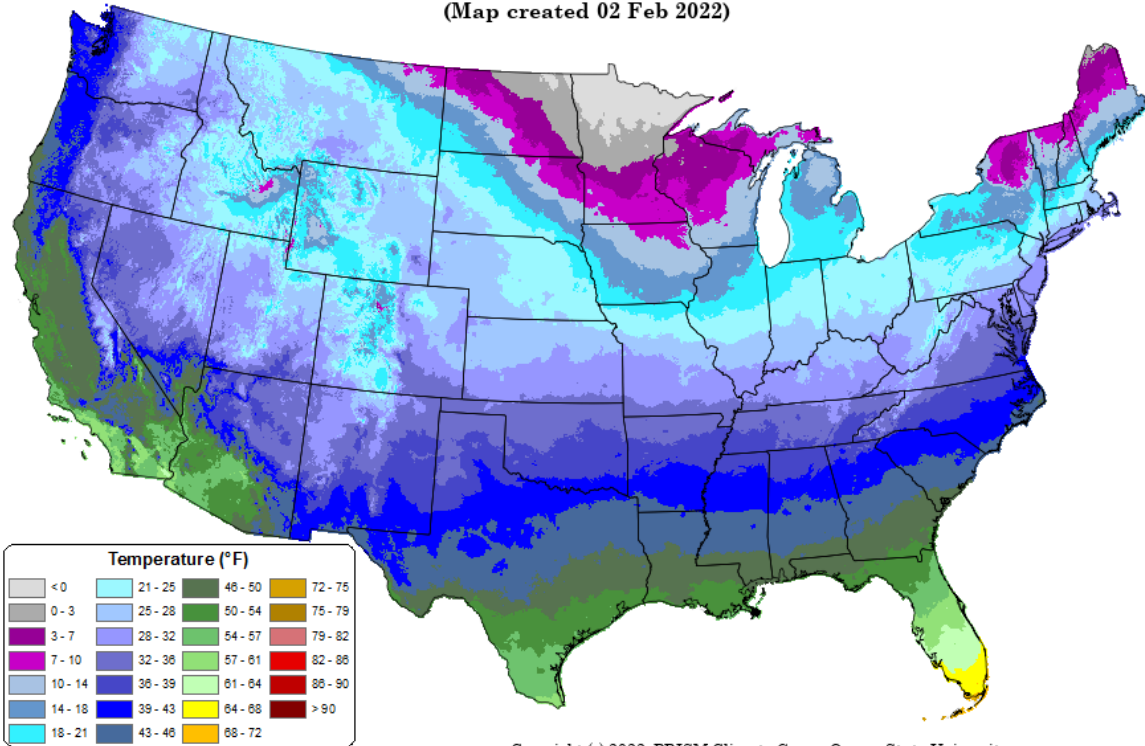


Actual

Average Daily Mean Temperature: Jan 2022

Period ending 7 AM EST 31 Jan 2022

(Map created 02 Feb 2022)

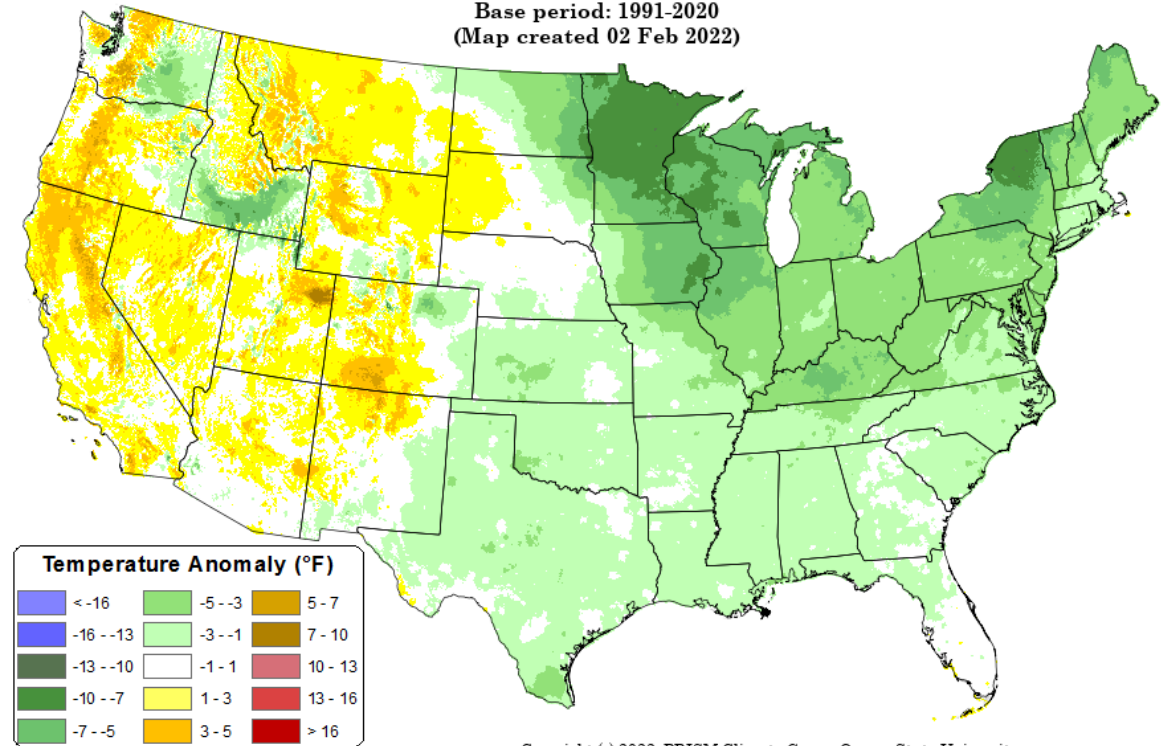


Anomaly

Daily Mean Temperature Anomaly: Jan 2022

Period ending 7 AM EST 31 Jan 2022

Base period: 1991-2020
(Map created 02 Feb 2022)



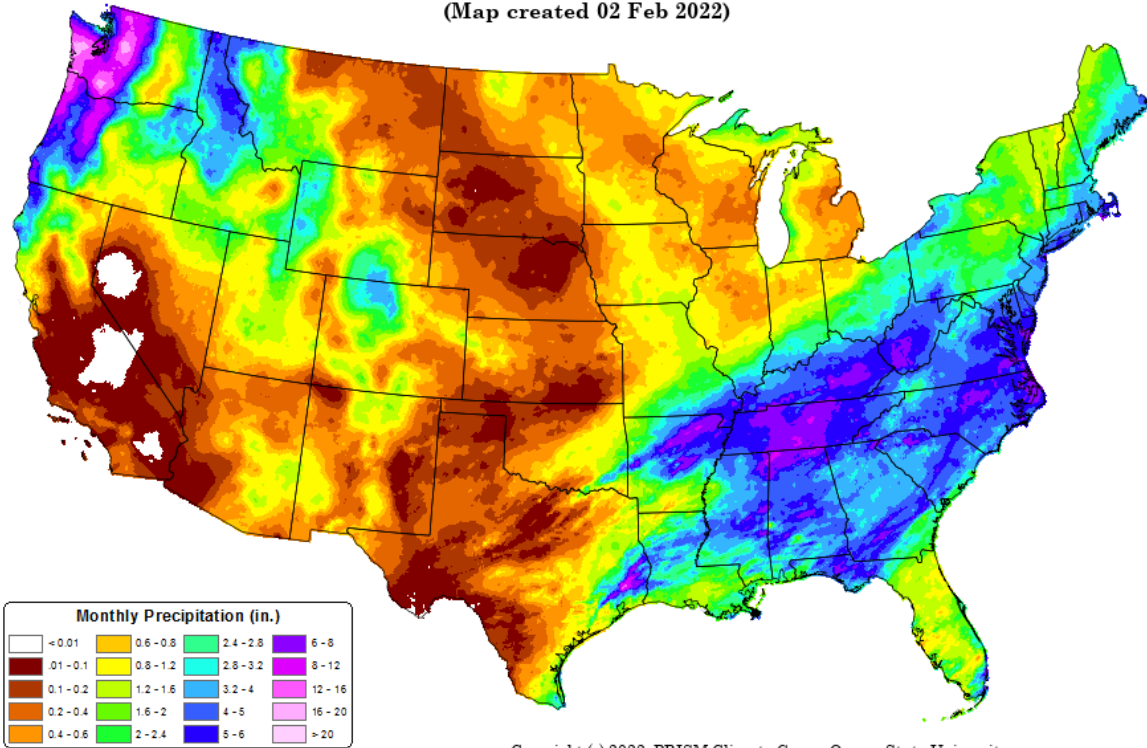
January temperatures were near to above normal across the north and west and below normal across the south and east.



Actual

Total Precipitation: Jan 2022

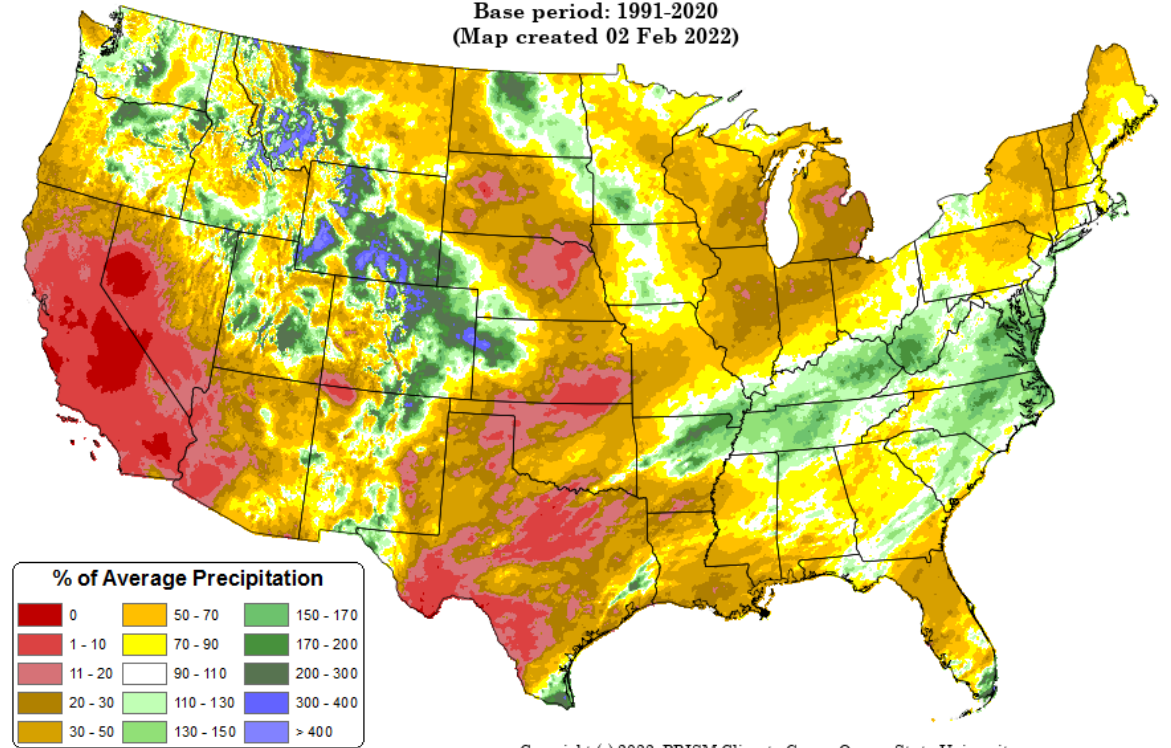
Period ending 31 Jan 2022
(Map created 02 Feb 2022)



Anomaly

Total Precipitation Anomaly: Jan 2022

Period ending 31 Jan 2022
Base period: 1991-2020
(Map created 02 Feb 2022)

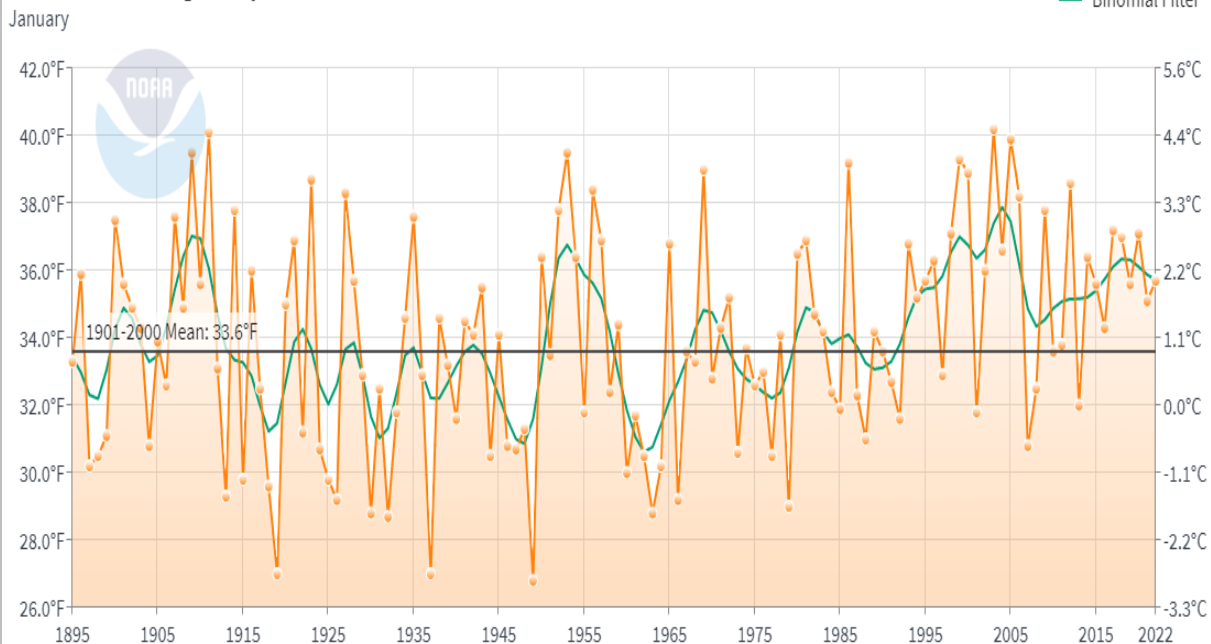


January was another drier than normal month, especially across the southeast and northwest. Parts of the northern and southern high terrain ended up picking up some decent rain and snow during December while eastern NM saw almost nothing.



Temperature

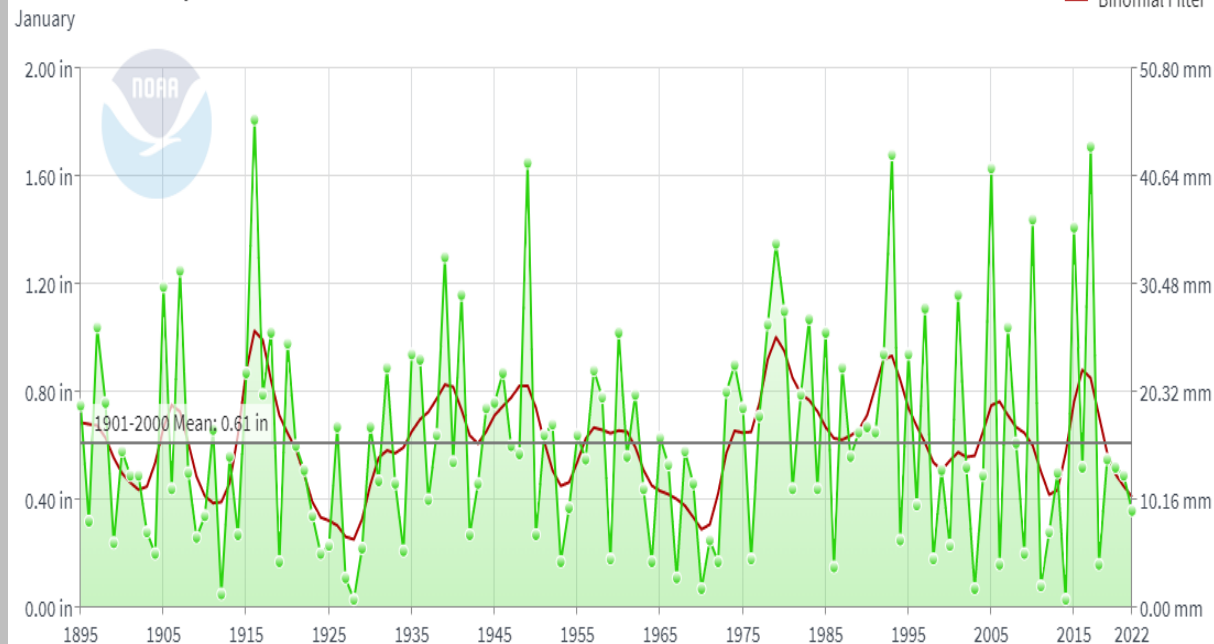
New Mexico Average Temperature



The January 2022 average statewide temperature was 35.7°, which was 2.1° above the long-term normal of 33.6° (1901-2000). This ranked as the 39th warmest January on record (1895-2022).

Precipitation

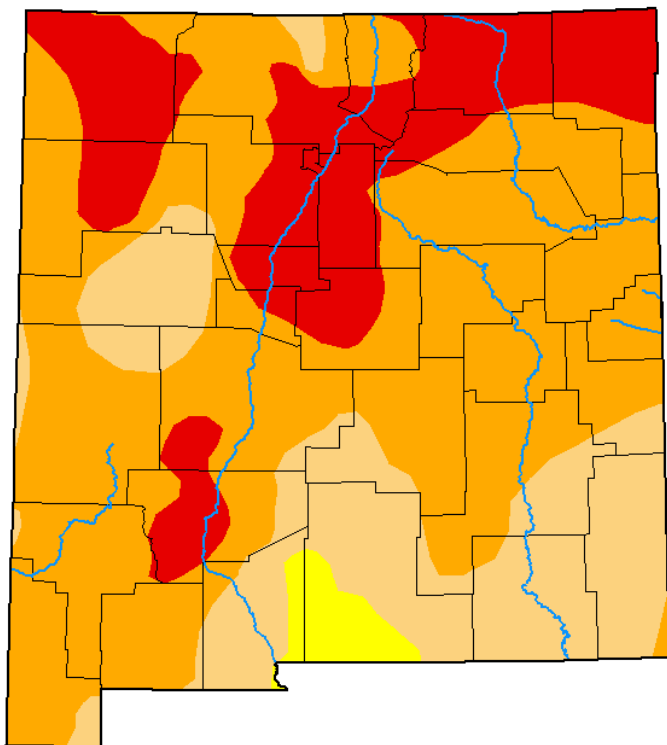
New Mexico Precipitation



The January 2022 average statewide precipitation was 0.36", which was 0.25" below the long-term normal of 0.61" (1901-2000). This ranked as the 38th driest January on record (1895-2022).



U.S. Drought Monitor New Mexico



January 4, 2022
(Released Thursday, Jan. 6, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	97.83	75.86	20.91	0.00
Last Week 12-28-2021	0.00	100.00	97.79	75.72	20.91	0.00
3 Months Ago 10-05-2021	10.17	89.83	75.62	49.04	15.91	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
One Year Ago 01-05-2021	0.00	100.00	99.96	99.59	82.26	53.20

Intensity:

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

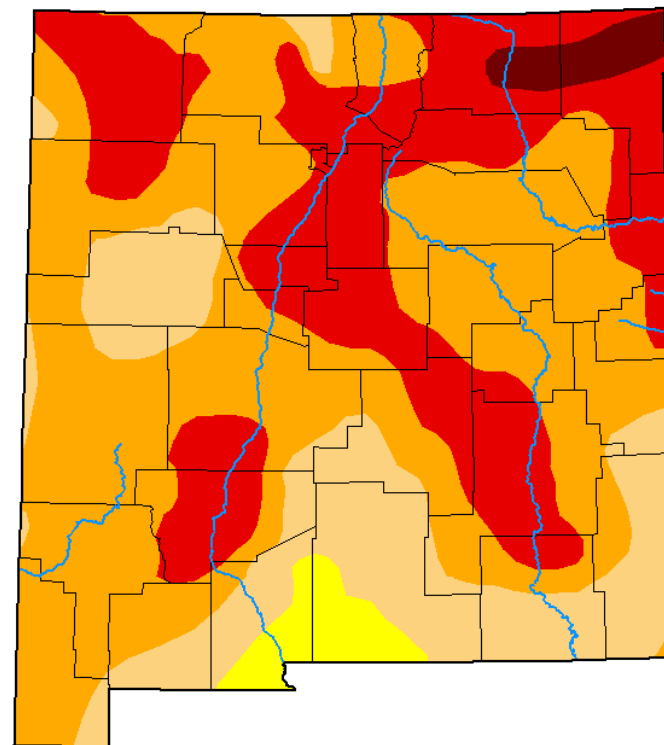
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

U.S. Drought Monitor New Mexico



January 25, 2022
(Released Thursday, Jan. 27, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	97.15	78.16	30.01	1.88
Last Week 01-18-2022	0.00	100.00	97.15	77.09	19.88	0.00
3 Months Ago 10-26-2021	1.15	98.85	78.14	50.36	11.20	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
One Year Ago 01-26-2021	0.00	100.00	99.96	99.57	82.05	54.25

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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U.S. Department of Agriculture



droughtmonitor.unl.edu

Drought conditions worsened through January. Drought increased in intensity across portions of eastern New Mexico thanks to continued below normal precipitation. Extreme drought covered around 30% of the state, while a exceptional drought formed in two percent of the northeast.

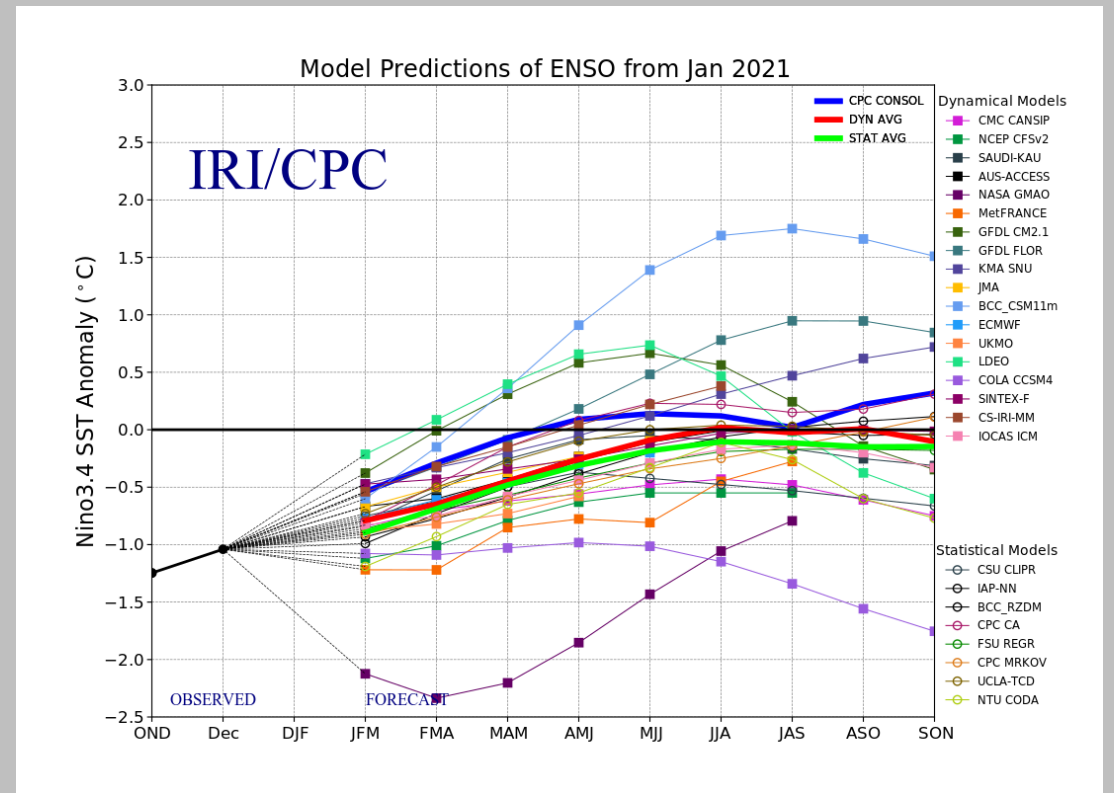
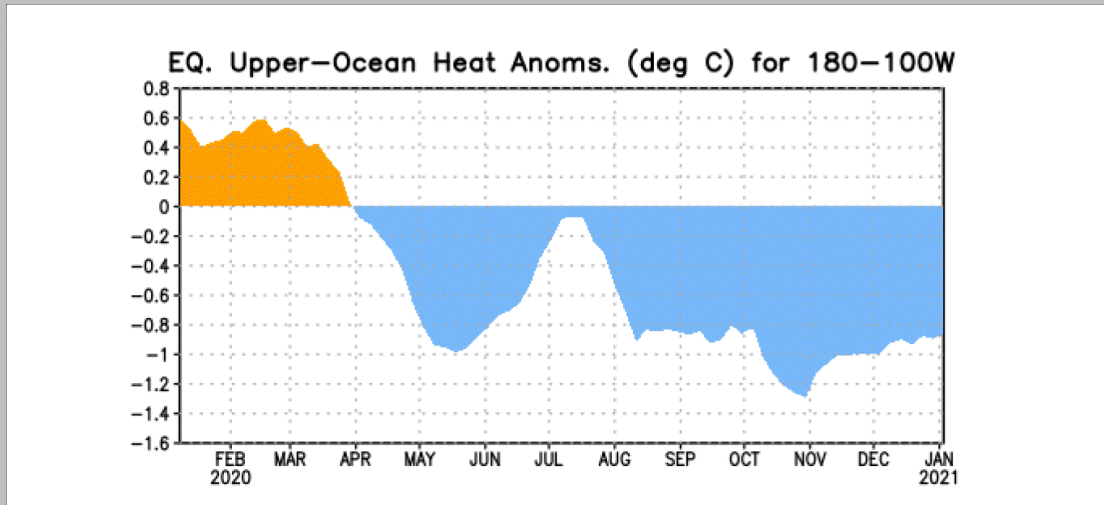
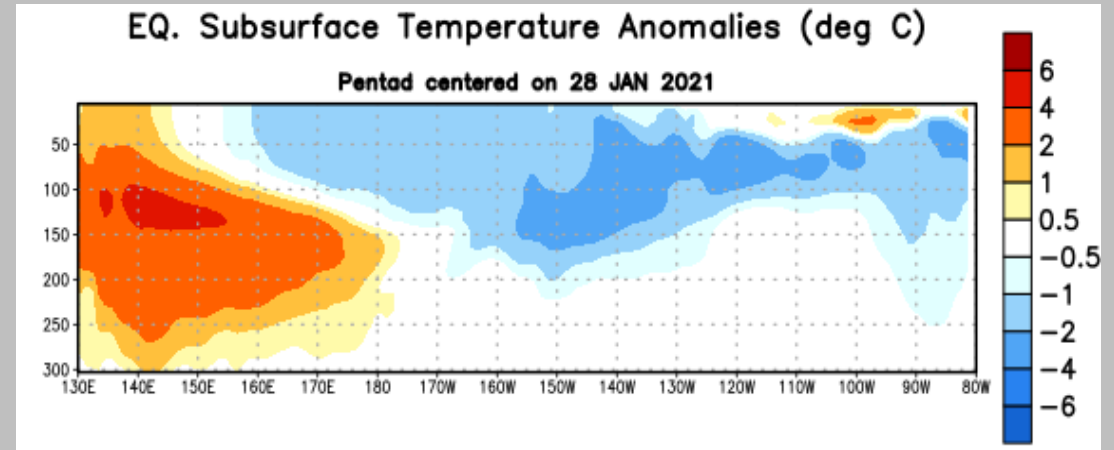
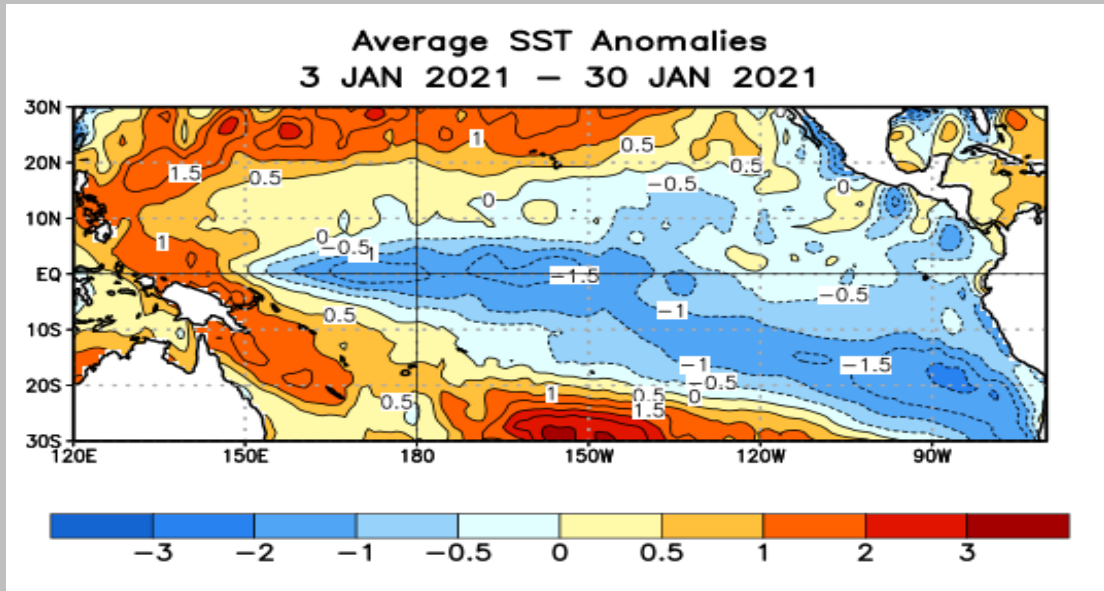
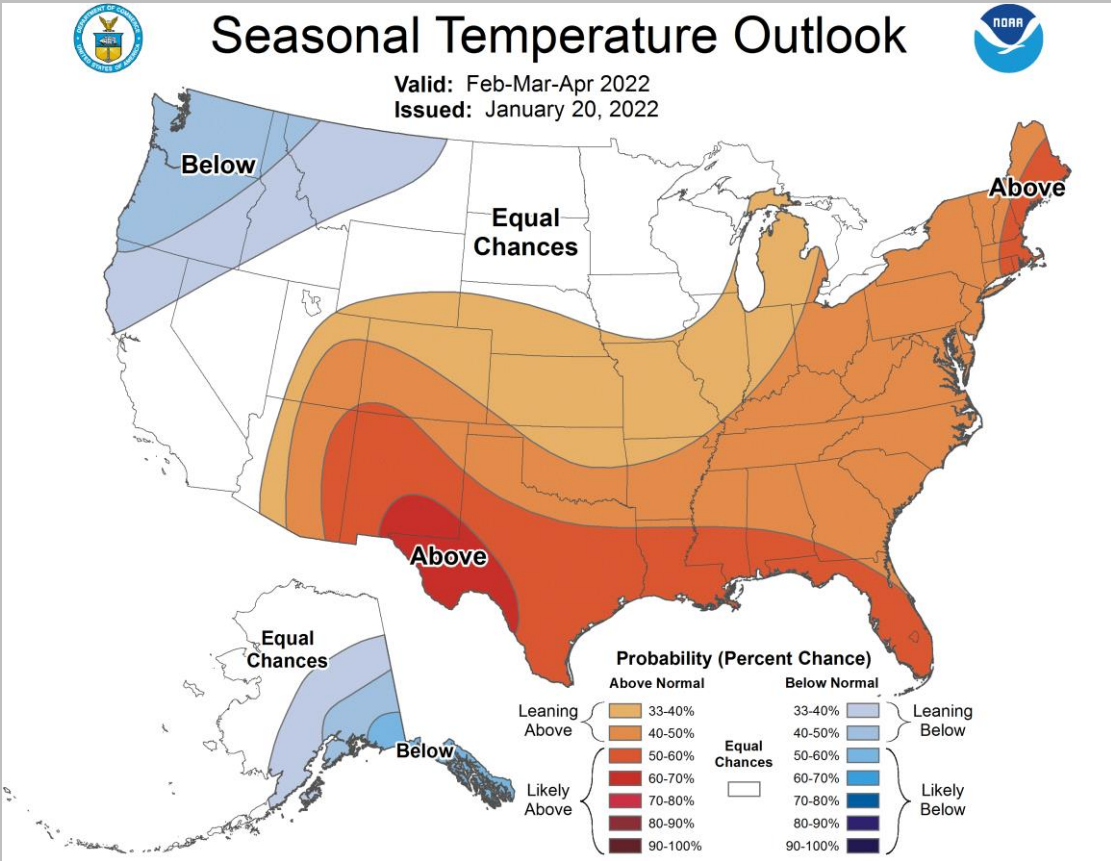


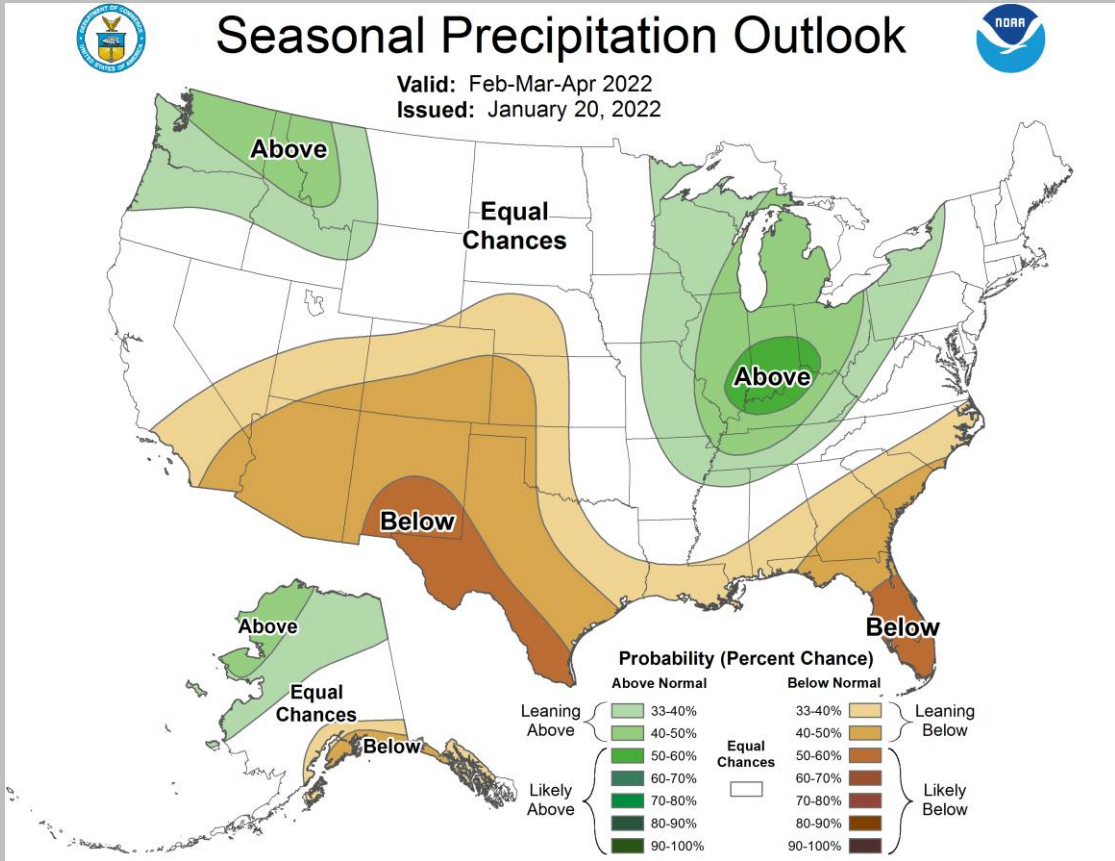
Figure 3. Area-averaged upper-ocean heat content anomaly ($^{\circ}\text{C}$) in the equatorial Pacific (5°N - 5°S , 180° - 100°W). The heat content anomaly is computed as the departure from the 1981-2010 base period pentad means.



Temperature February-March-April



Precipitation February-March-April



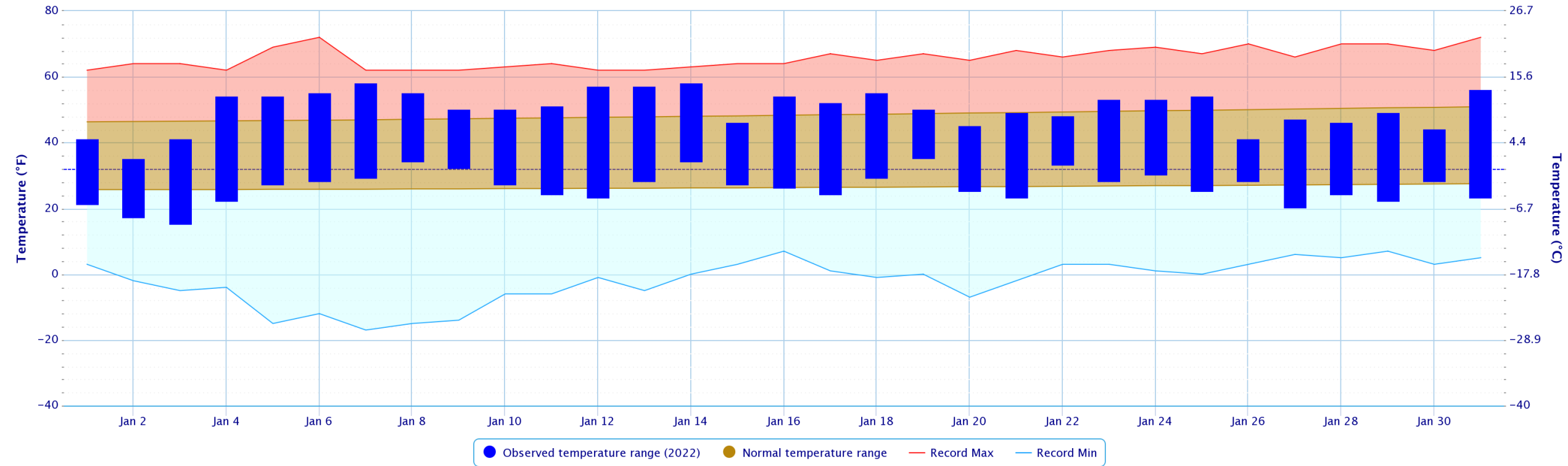
Chances are more favorable for above normal temperatures and below normal precipitation through the later winter season and early spring, especially in southern New Mexico.



Average Temperature: 38.2°

Daily Temperature Data – ALBUQUERQUE INTL AP, NM

Period of Record – 1891-12-01 to 2022-02-04. Normals period: 1991-2020. Click and drag to zoom chart.



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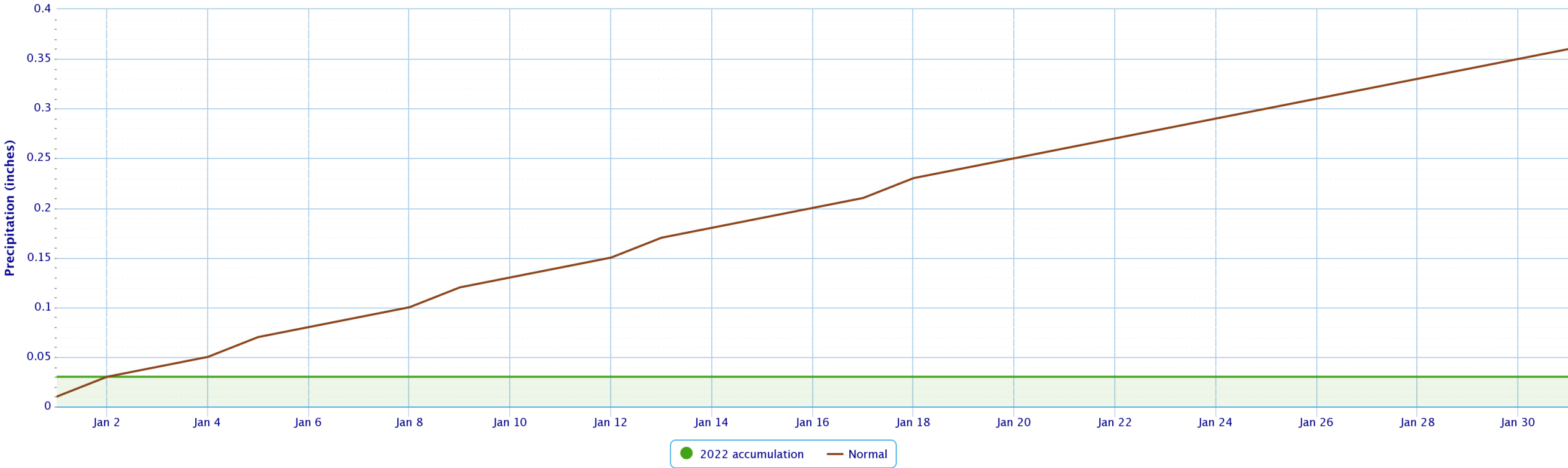
The January 2022 average temperature for Albuquerque was 38.2°, which was 0.8° above the normal of 37.4°. The average maximum temperature for the month was 50.3°. This was 1.9° above the normal average maximum temperature of 48.4°. The average minimum temperature for the month was 26.2°. This was 0.2° below the normal average minimum temperature of 26.4°. This ranked as the 30th warmest January on record.



Precipitation: 0.03"

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 January 2022 precipitation for Albuquerque was 0.03", which was 0.33" below the normal of 0.36". This ranked as the 18th driest January on record.

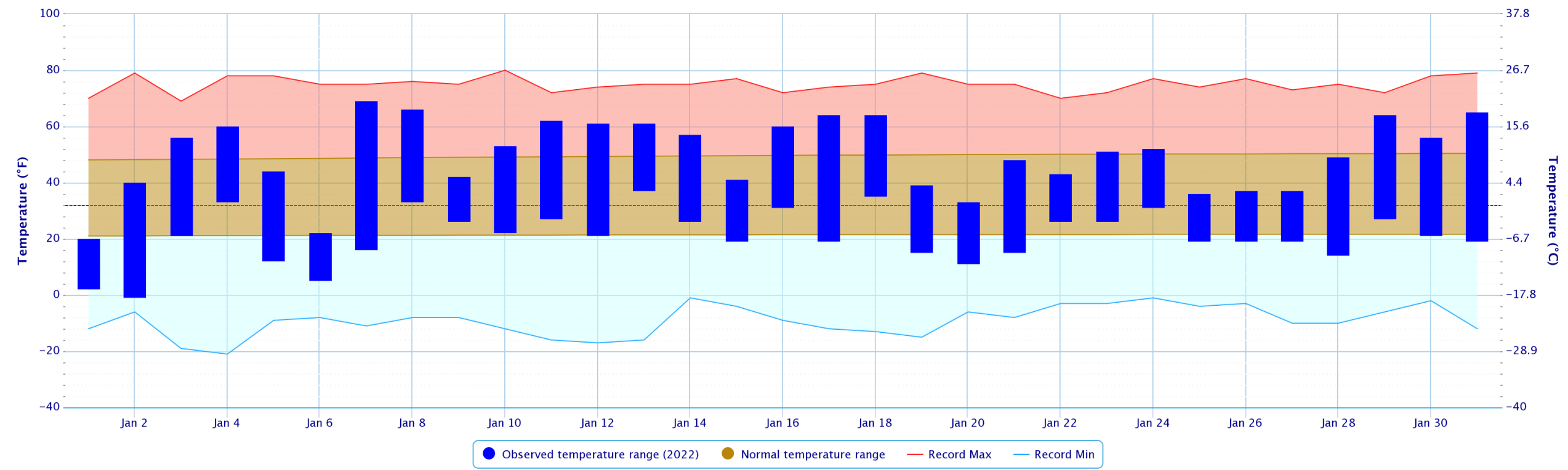
There was a trace of snow, compared to the normal of 1.4".



Average Temperature: 35.5°

Daily Temperature Data – CLAYTON MUNICIPAL AIR PARK, NM

Period of Record – 1896-02-01 to 2022-02-04. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

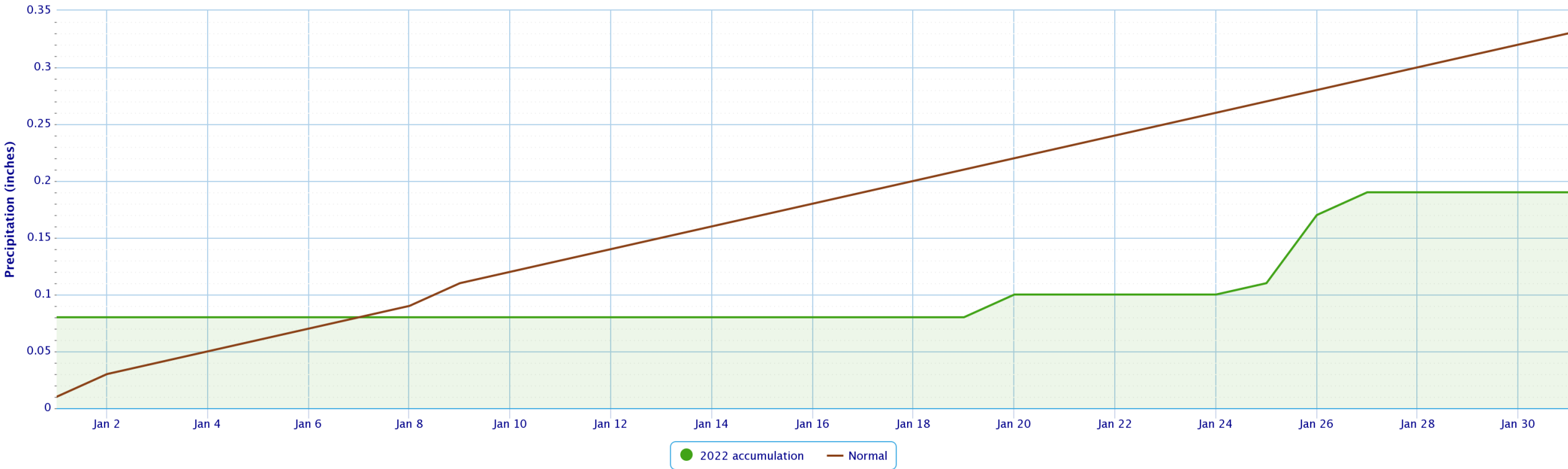
The January 2022 average temperature for Clayton was 35.5°, which was exactly normal. The average maximum temperature for the month was 50.1°. This was 0.6° above the normal average maximum temperature of 49.5°. The average minimum temperature for the month was 20.8°. This was 0.6° below the normal average minimum temperature of 21.4°.



Precipitation: 0.19"

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 January 2022 precipitation for Clayton was 0.19", which was 0.14" below the normal of 0.33". This ranked as the 55th driest January on record.

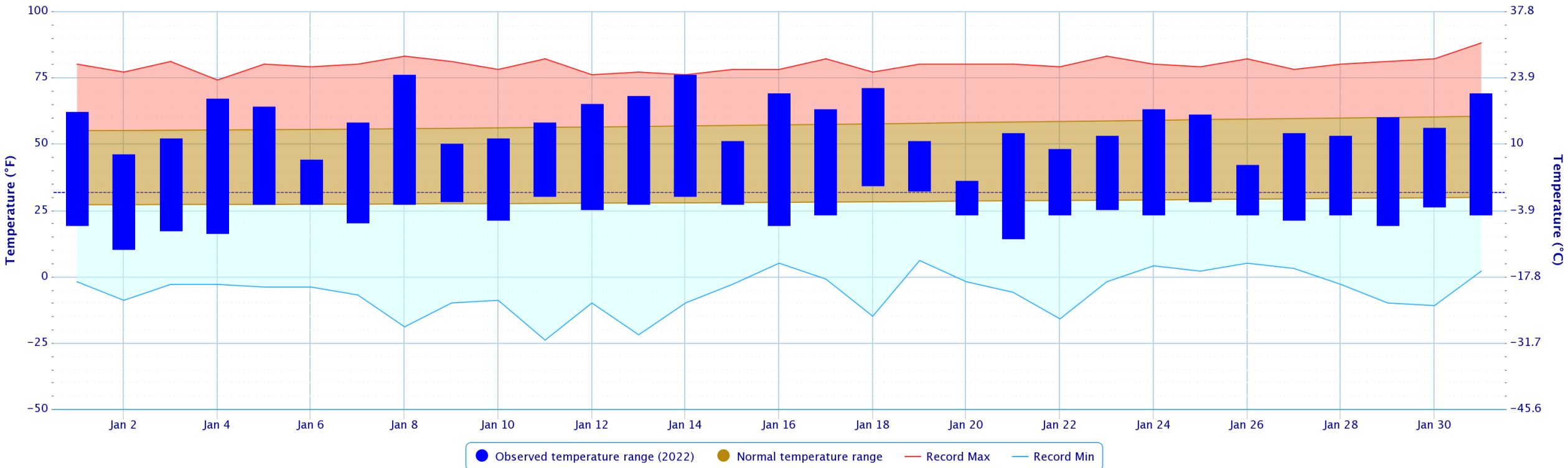
There was 2.9" of snow, compared to the normal of 3.7".



Average Temperature: 40.7°

Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of record – Max temperature: 1893-01-03 to 2022-02-02; Min temperature: 1893-01-21 to 2022-02-02. Normals period: 1991-2020. Click and drag to zoom chart.



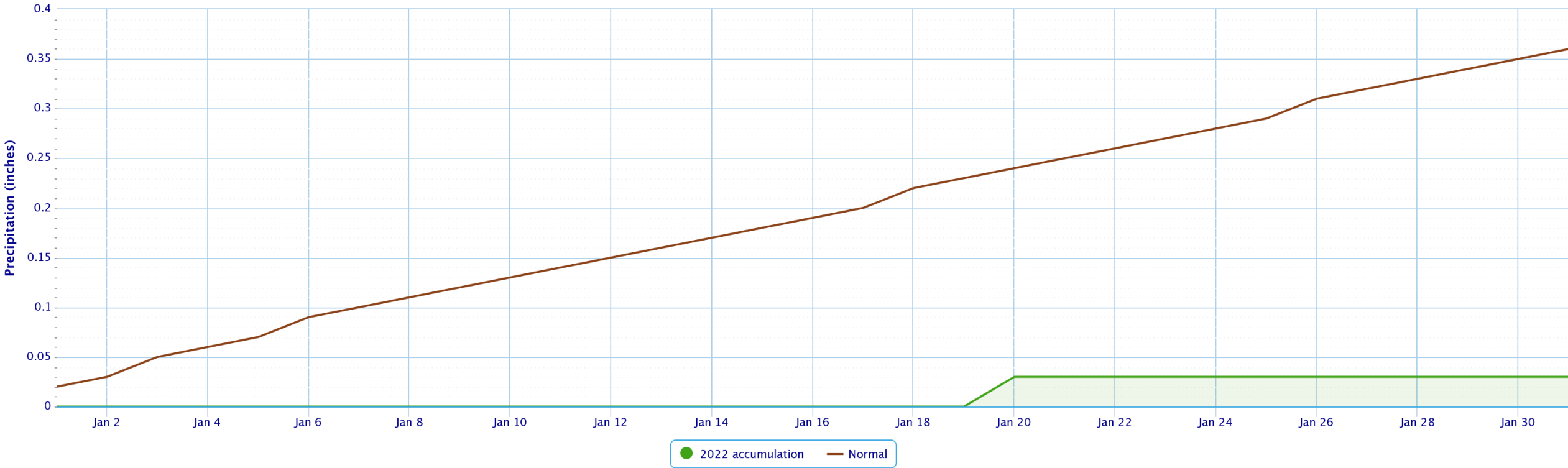
The January 2022 average temperature for Roswell was 40.7°, which was 2.0° below the normal of 42.7°. The average maximum temperature for the month was 57.8°. This was 0.5° above the average maximum temperature of 57.3°. The average minimum temperature for the month was 23.5°. This was 4.6° below the normal average minimum temperature of 28.1°.



Precipitation: 0.03"

Accumulated Precipitation – Roswell Area, NM (ThreadEx)

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



The January 2022 precipitation for Roswell was 0.03", which was 0.33" below the normal of 0.36". This ranked as the 20th driest January on record.








There was 0.3" of snow, compared to the normal of 2.4".



Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
High Wind	1/4/2022	Sandia/Manzano Mts and Edgewood	50 kt	Gust	A weather station at Sandia Crest measured a peak wind speed of 58 mph.
High Wind	1/4/2022	East Slopes Sangre de Cristo Mts	50 kt	Gust	A public weather station near El Turquillo measured a peak wind gust of 58 mph.
High Wind	1/5/2022	Northeast Highlands	55 kt	Gust	An ASOS station near Las Vegas measured a peak wind gust of 63 mph.
High Wind	1/8/2022	Central Highlands	54 kt	Gust	An ASOS station in Clines Corners measured a peak wind gust of 62 mph.
High Wind	1/8/2022	Central Highlands	37 kt	Sustained	An ASOS station in Clines Corners measured a peak sustained wind speed of 43 mph.
High Wind	1/14/2022	Union County	52 kt	Gust	An ASOS station in Clayton measured a peak wind gust of 60 mph.
Heavy Snow	1/25-1/26/2022	Eastern San Miguel County	7"		Maes.
Heavy Snow	1/25-1/26/2022	Northeast Highlands	7"		Slick travel along Interstate 25 in the Las Vegas area. Up to 7" of snow near San Augustin.
Heavy Snow	1/25-1/26/2022	Sandia/Manzano Mts and Edgewood	6"+		Edgewood to Tijeras
Heavy Snow	1/27-1/28/2022	Santa Fe Metro Area	6"		Santa Fe area.
Winter Weather	1/25-1/26/2022	Santa Fe Metro Area			Fatal accident near San Ildefonso. Very slick travel reported across the Santa Fe area.

*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/>
-  Questions?: sr-abq.webmaster@noaa.gov
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