



Synopsis

September 2022 was drier and warmer than normal. The northwest had near to a little above normal precipitation while elsewhere was below normal. Southern and central New Mexico were mostly warmer than normal, while northern areas were well above normal! A few strong storms still developed over parts of the area with even some more localized flash flooding on a couple burn scars.



Photo courtesy of Joe Kenmore - Gavillan Canyon - Sep 18



Photo courtesy of Twitter - Landspout near Lake Valley - Sep 22



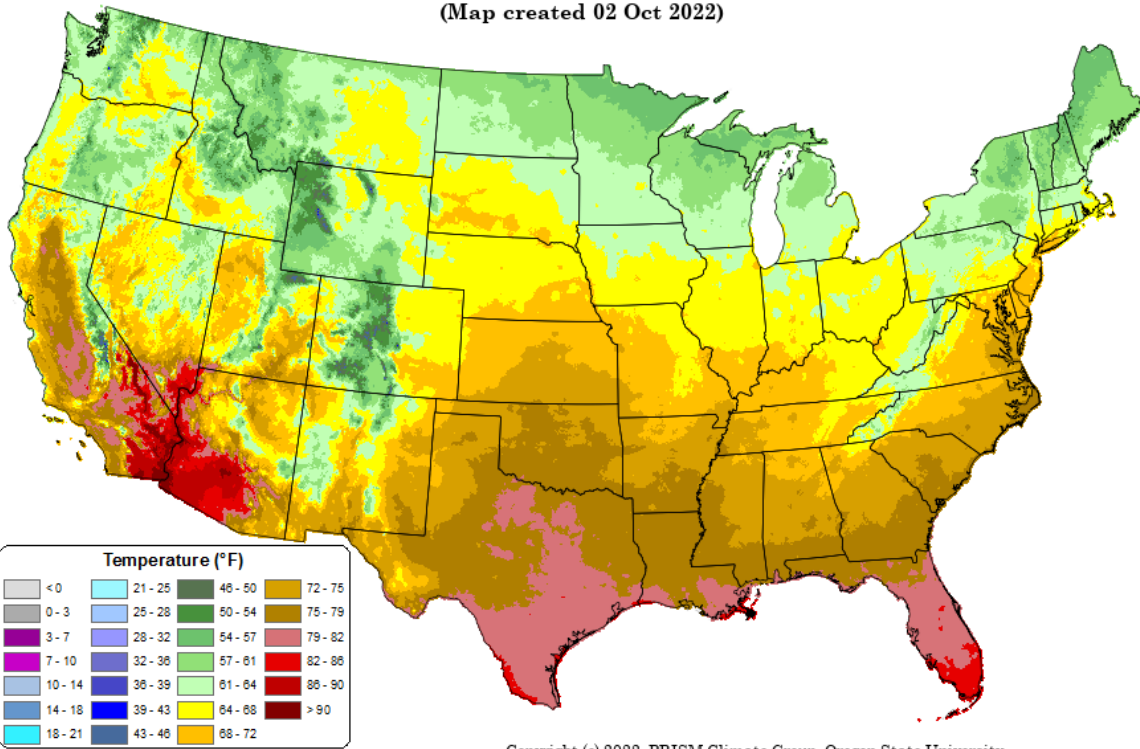
Photo courtesy of Joe Kenmore - Flash flooding near Ruidoso - Sep 12



Actual

Average Daily Mean Temperature: Sep 2022

Period ending 7 AM EST 30 Sep 2022
(Map created 02 Oct 2022)

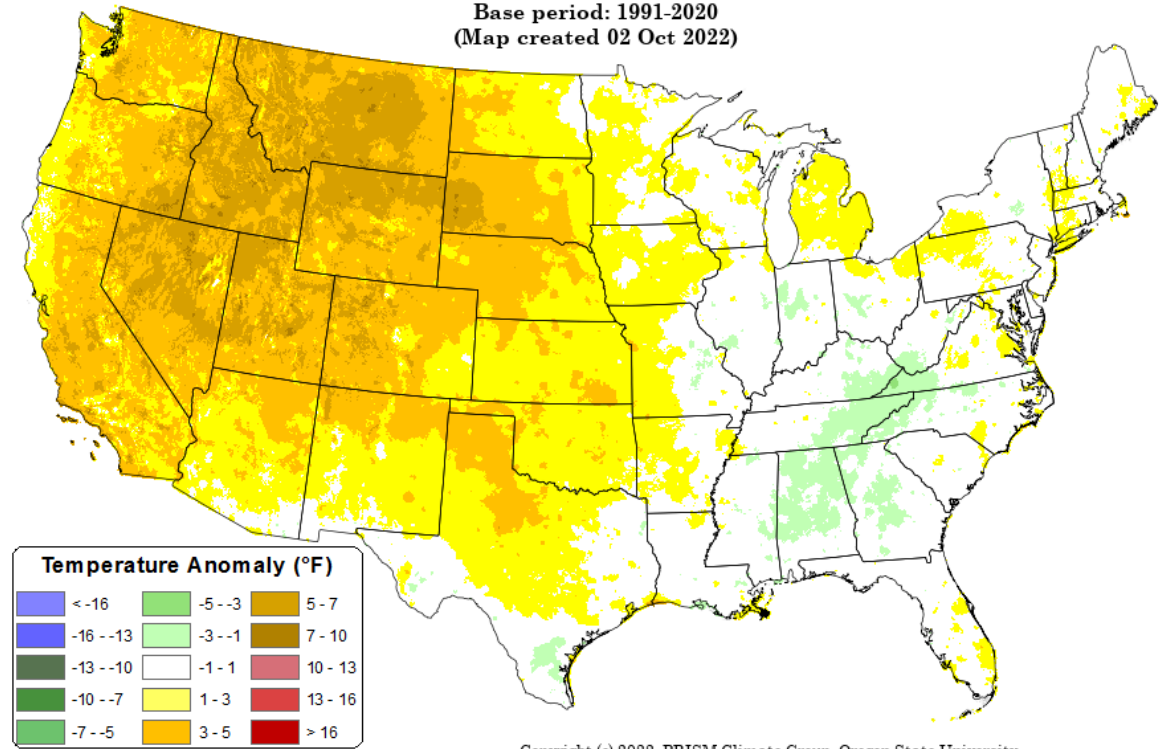


Copyright (c) 2022, PRISM Climate Group, Oregon State University

Anomaly

Daily Mean Temperature Anomaly: Sep 2022

Period ending 7 AM EST 30 Sep 2022
Base period: 1991-2020
(Map created 02 Oct 2022)



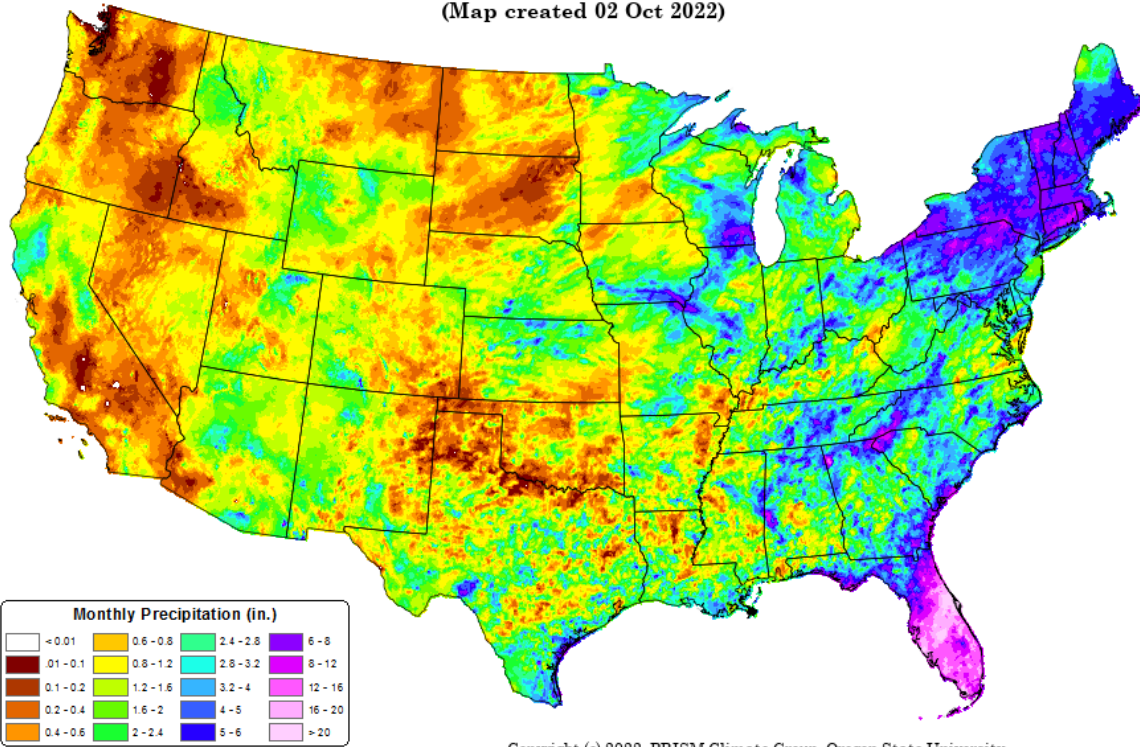
Copyright (c) 2022, PRISM Climate Group, Oregon State University

September temperatures were above normal across most of NM, especially the north.



Actual

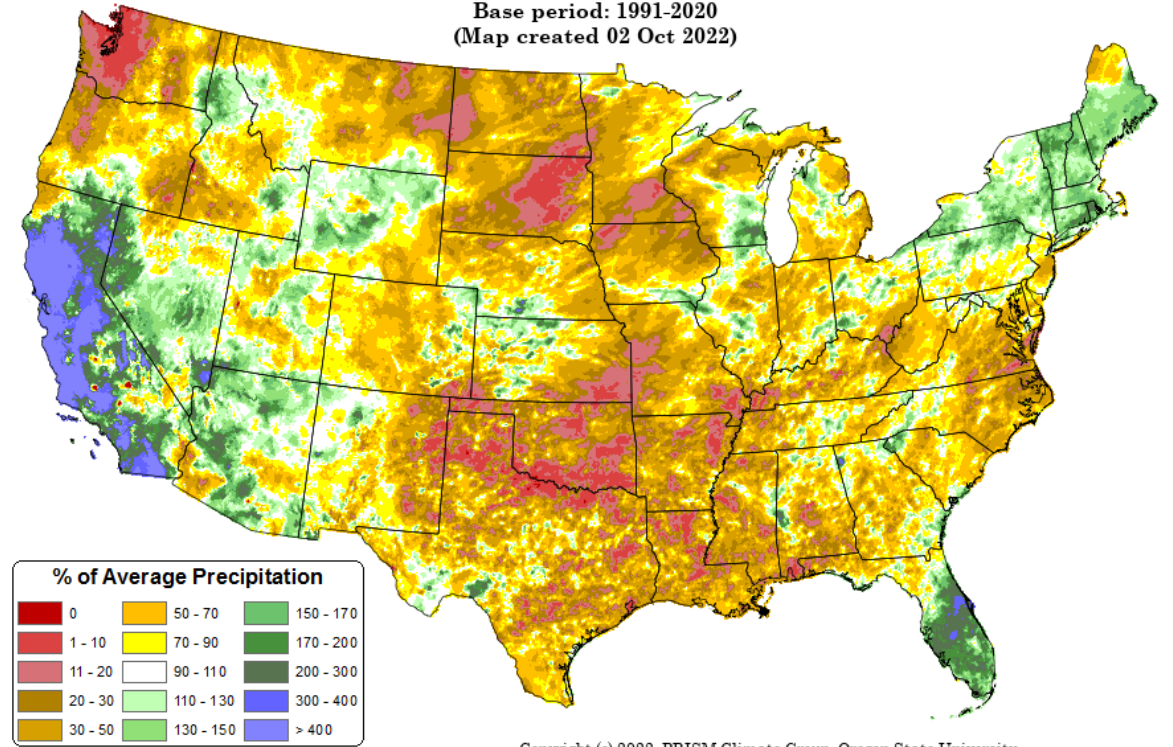
Total Precipitation: Sep 2022
Period ending 30 Sep 2022
(Map created 02 Oct 2022)



Copyright (c) 2022, PRISM Climate Group, Oregon State University

Anomaly

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



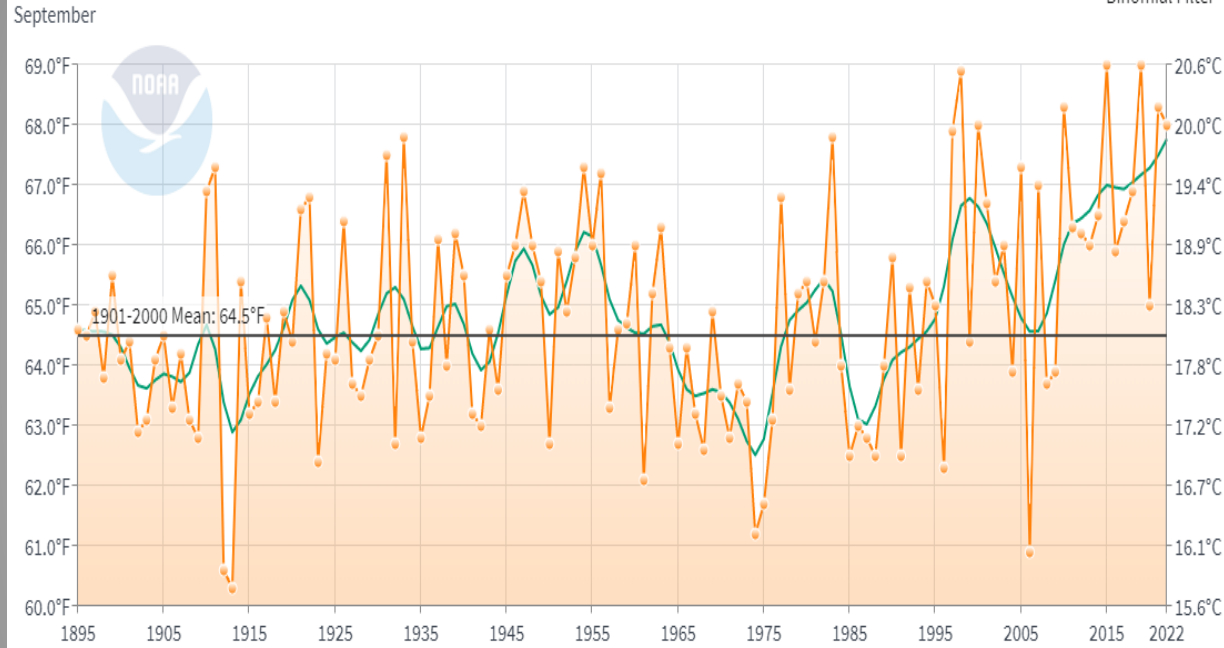
Copyright (c) 2022, PRISM Climate Group, Oregon State University

September precipitation was below normal across central and eastern NM and above normal far across western NM.



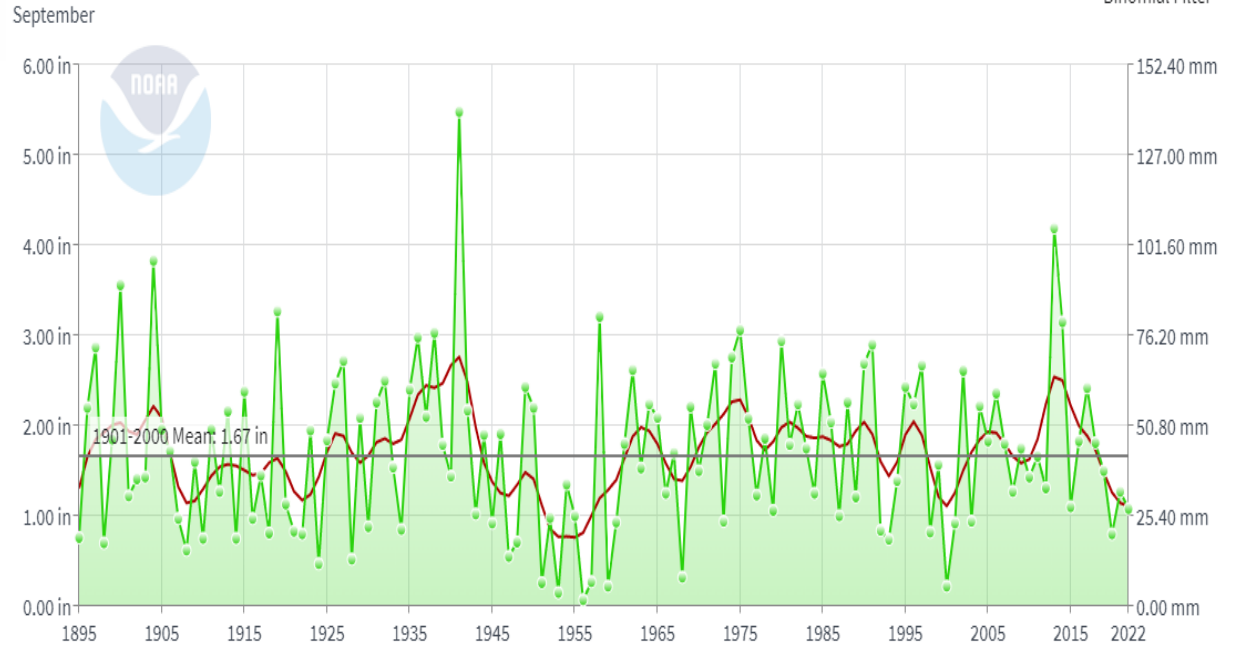
Temperature

New Mexico Average Temperature



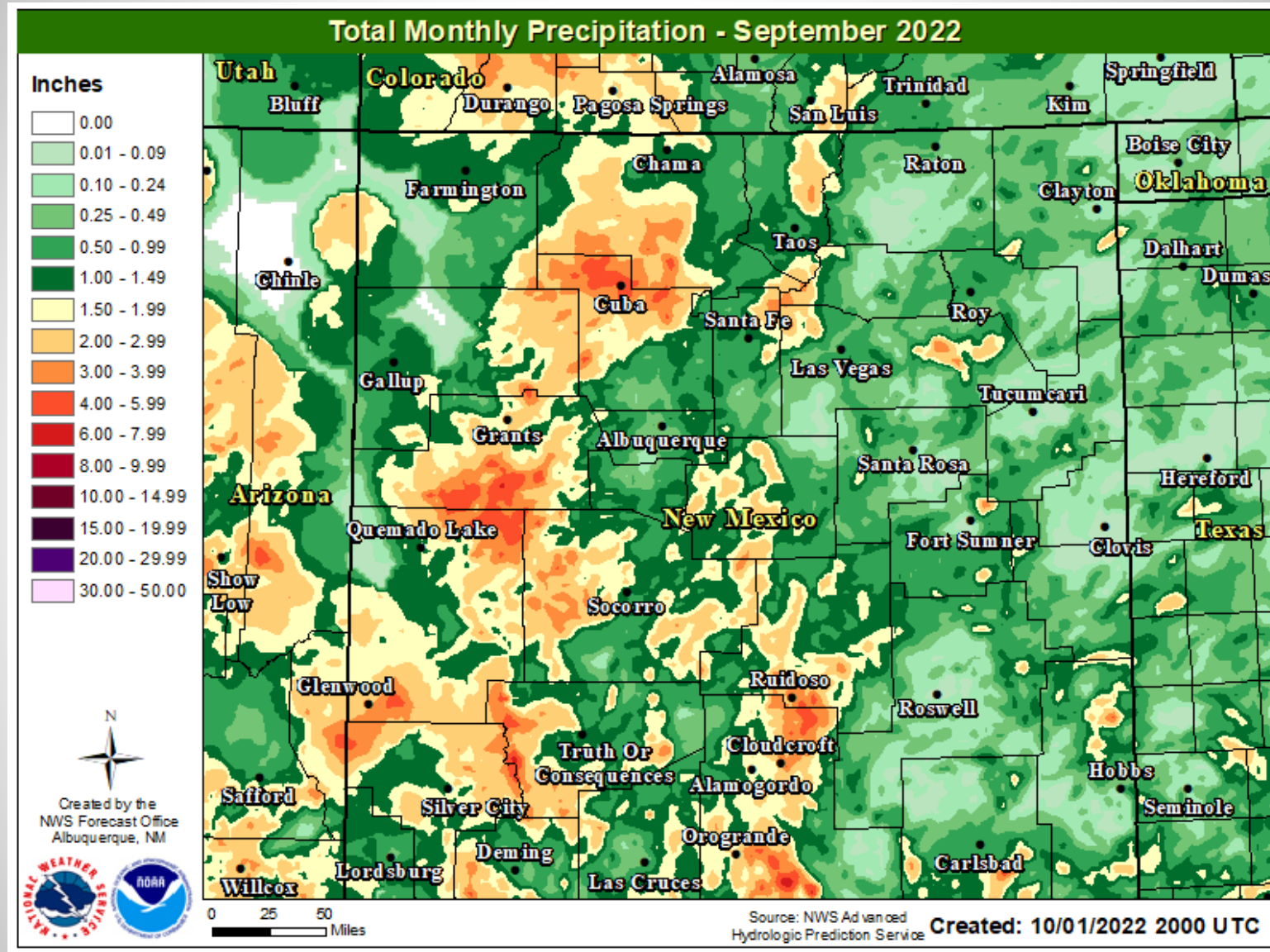
Precipitation

New Mexico Precipitation



The September 2022 average statewide temperature was 68.0°, which was 3.5° above the long-term normal of 64.5° (1901-2000). This ranked as the 6th warmest September on record (1895-2022).

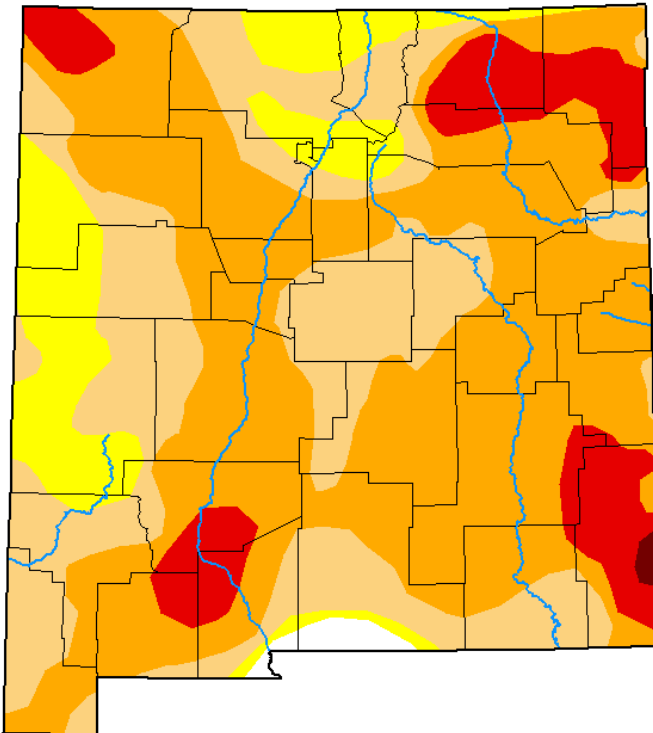
The September 2022 average statewide precipitation was 1.08", which was 0.59" below the long-term normal of 1.67" (1901-2000). This ranked as the 38th driest September on record.



Here is a more detailed image of the September 2022 precipitation.



U.S. Drought Monitor New Mexico



August 30, 2022 (Released Thursday, Sep. 1, 2022) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.93	99.07	87.78	58.58	10.43	0.23
Last Week 08-23-2022	0.91	99.09	88.36	61.62	14.77	0.31
3 Months Ago 05-31-2022	0.00	100.00	99.26	97.20	90.06	45.84
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 08-31-2021	13.53	86.47	75.85	50.05	21.18	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>

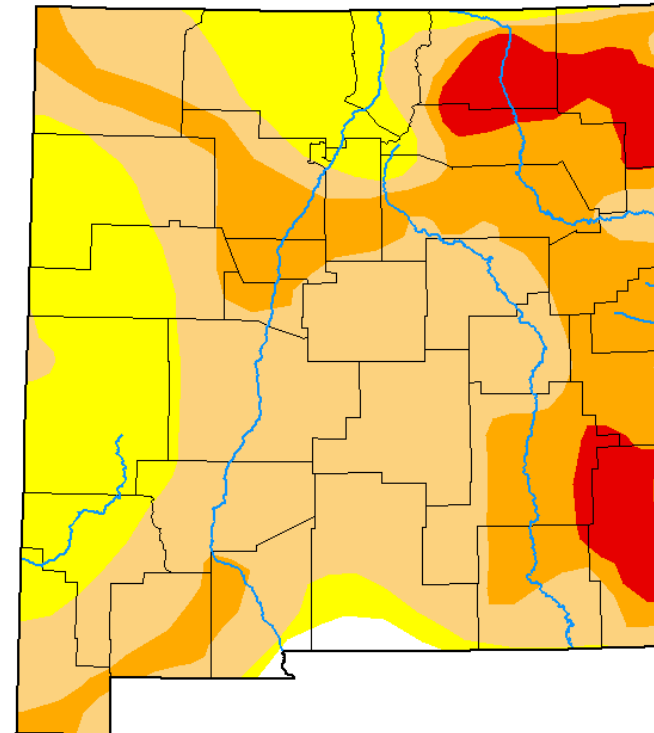
Author:

Deborah Bathke
National Drought Mitigation Center



droughtmonitor.unl.edu

U.S. Drought Monitor New Mexico



September 27, 2022 (Released Thursday, Sep. 29, 2022) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.99	99.01	76.80	31.46	6.99	0.00
Last Week 09-20-2022	0.93	99.07	81.52	38.21	6.99	0.00
3 Months Ago 06-28-2022	0.00	100.00	98.50	95.18	58.38	11.79
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 08-31-2021	10.70	89.30	79.47	49.33	19.12	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:

Richard Heim
NCEI/NOAA



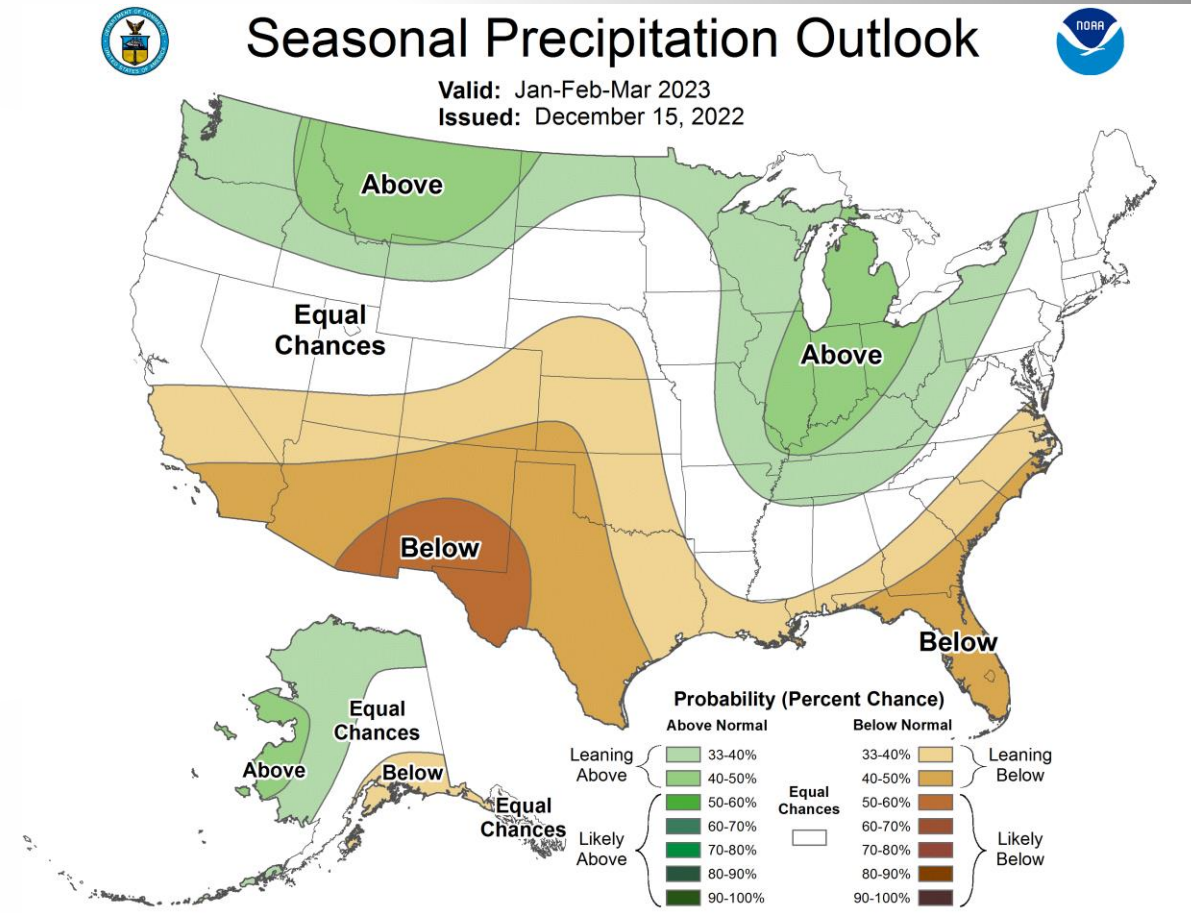
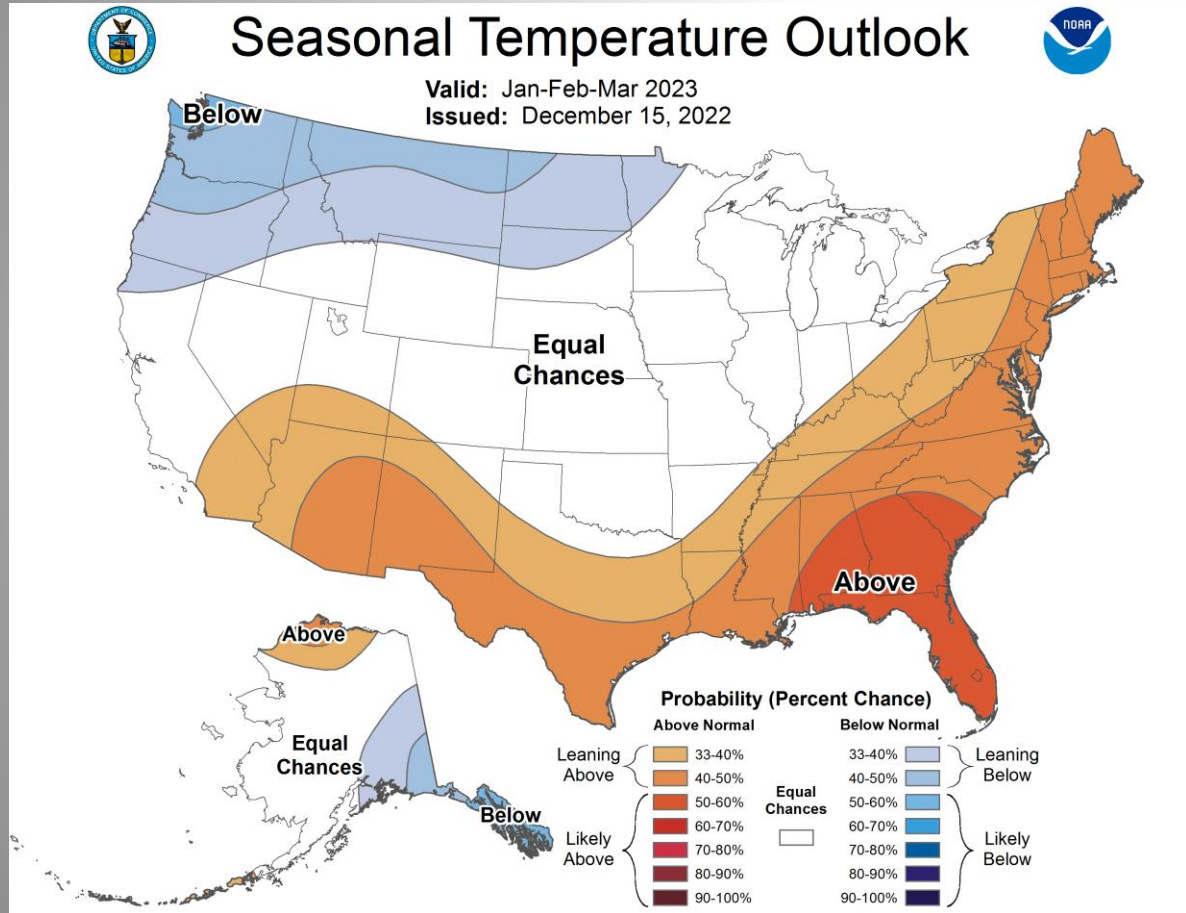
droughtmonitor.unl.edu

Drought conditions in September showed considerable improvement over the western and central areas of the state, with a little improvement in the east.



Temperature
October-November-December

Precipitation
October-November-December



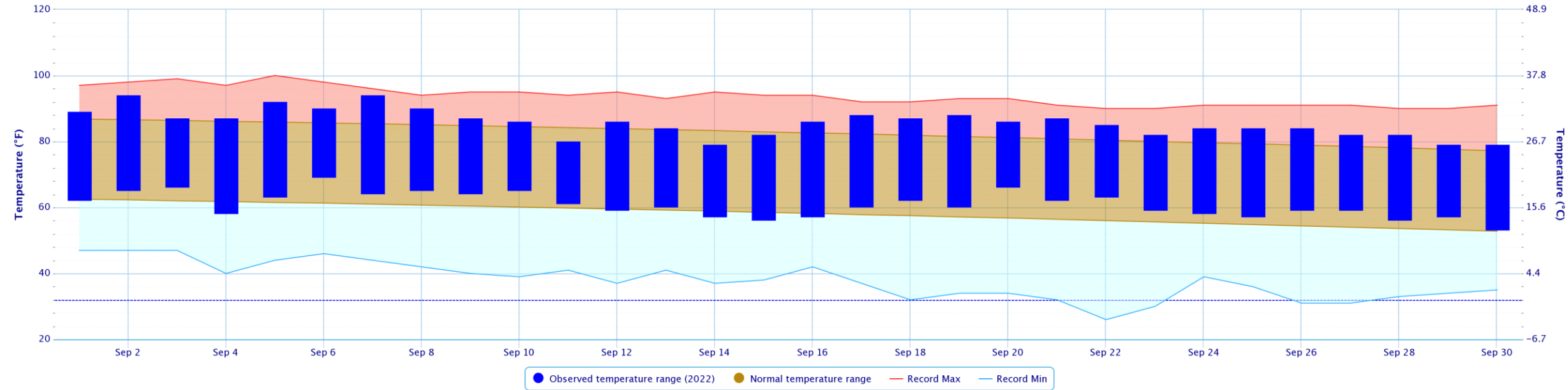
Above normal temperatures and below normal precipitation continue to be the most likely weather scheme for the fall season, especially southern New Mexico.



Average Temperature: 73.2°

Daily Temperature Data - ALBUQUERQUE INTL AP, NM

Period of Record - 1891-12-01 to 2022-10-03. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

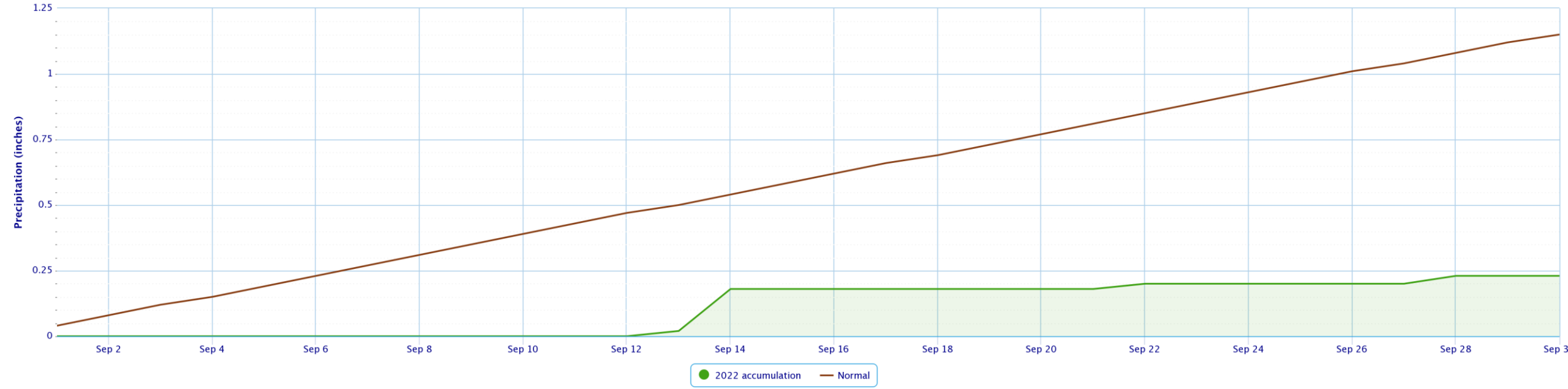
The September 2022 average temperature for Albuquerque was 73.2°, which was 2.9° above the normal of 70.3°. The average maximum temperature for the month was 85.7°. This was 3.2° above the normal average maximum temperature of 82.5°. The average minimum temperature for the month was 60.7°. This was 2.6° above the normal average minimum temperature of 58.1°. This ranked as the 7th warmest September on record.



Precipitation: 0.23"

Accumulated Precipitation - ALBUQUERQUE INTL AP, NM

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



Powered by ACIS

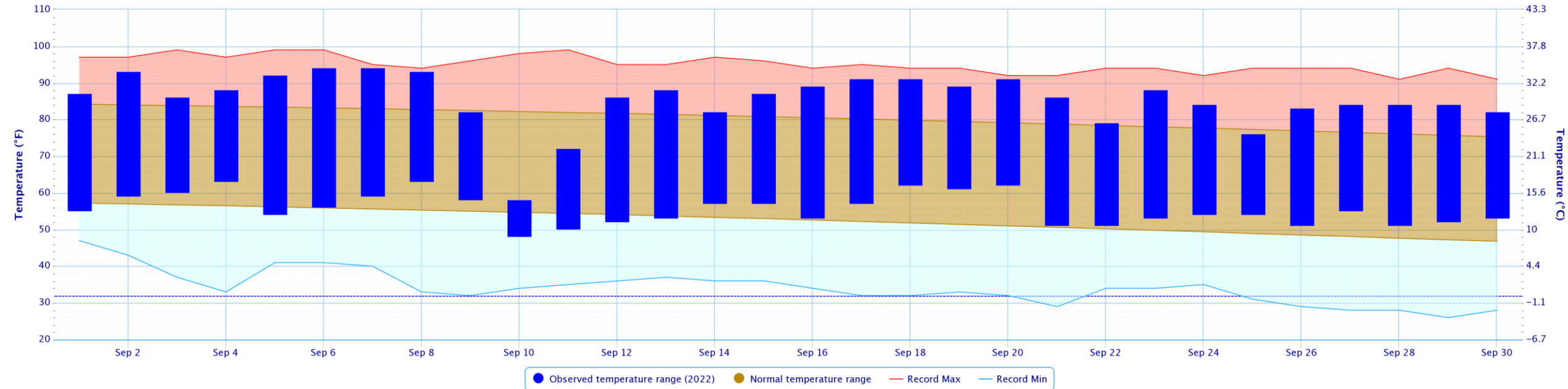
The September 2022 precipitation for Albuquerque was 0.23", which was 0.92" below the normal of 1.15". This ranked as the 17th driest September on record.



Average Temperature: 70.5°

Daily Temperature Data - CLAYTON MUNICIPAL AIR PARK, NM

Period of Record - 1896-02-01 to 2022-10-03. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

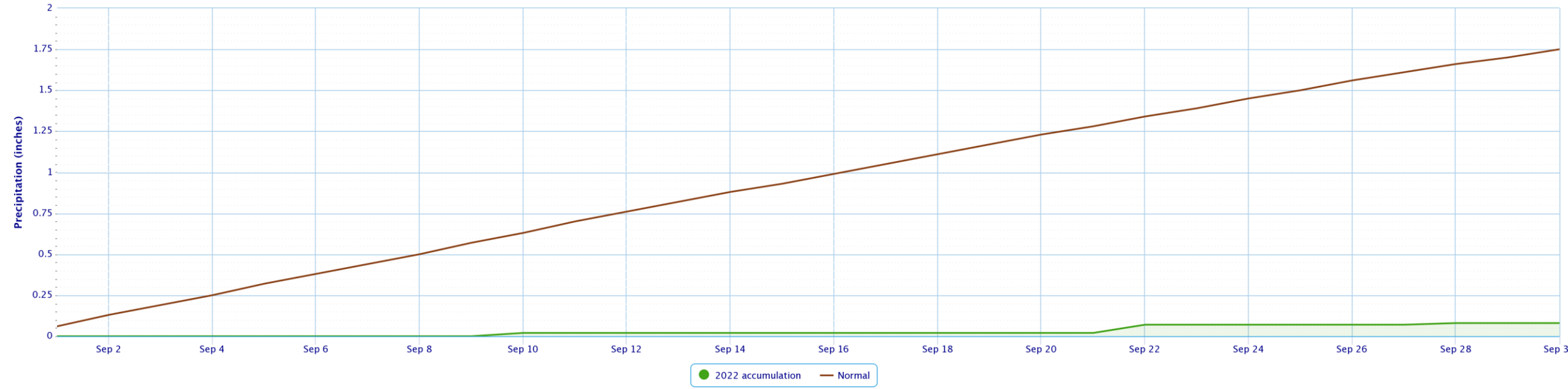
The September 2022 average temperature for Clayton was 70.5°, which was 4.1° above the normal of 66.4°. The average maximum temperature for the month was 85.4°. This was 5.1° above the normal average maximum temperature of 80.3°. The average minimum temperature for the month was 55.5°. This was 3.0° above the normal average minimum temperature of 52.5°. This ranked as a tie for the 6th warmest September on record.



Precipitation: 0.08"

Accumulated Precipitation – CLAYTON MUNICIPAL AIR PARK, NM

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



Powered by ACIS

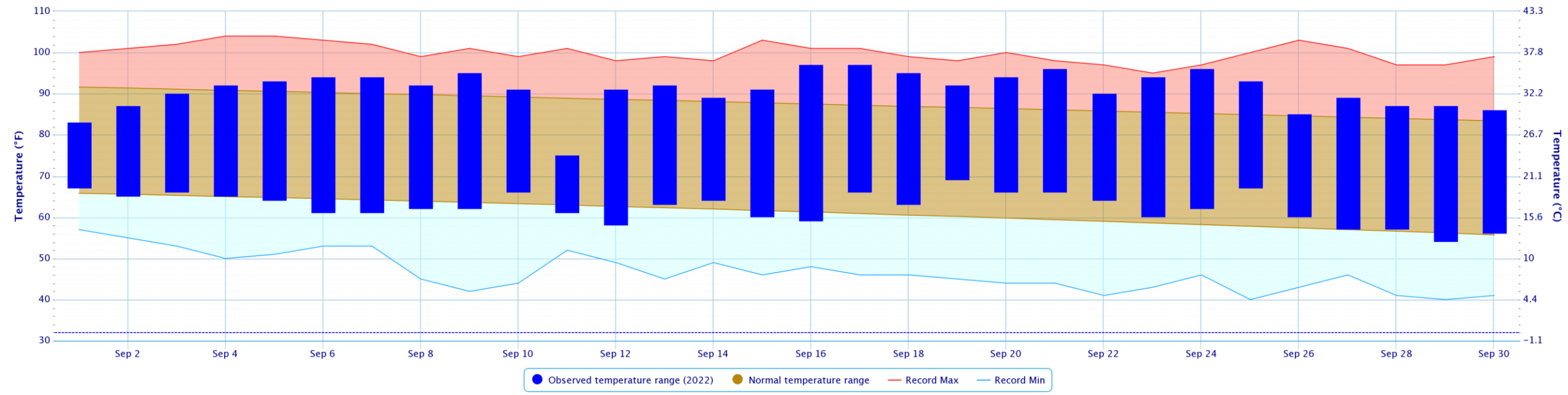
The September 2022 precipitation for Clayton was 0.08", which was 1.67" below the normal of 1.75". This ranked as the 4th driest September on record.



Average Temperature: 76.6°

Daily Temperature Data – ROSWELL INDUSTRIAL AIR PARK, NM

Period of Record – 1946-12-01 to 2022-10-03. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

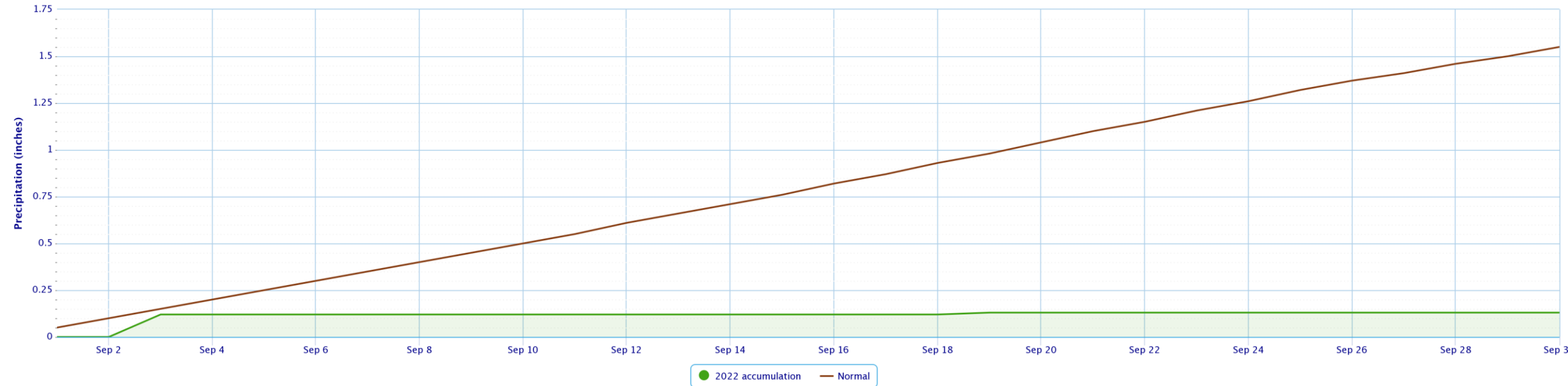
The September 2022 average temperature for Roswell was 76.6°, which was 2.2° above the normal of 74.4°. The average maximum temperature for the month was 90.9°. This was 3.3° above the average maximum temperature of 87.6°. The average minimum temperature for the month was 62.4°. This was 1.2° above the normal average minimum temperature of 61.2°. This ranked as the 6th warmest September on record.



Precipitation: 0.13"

Accumulated Precipitation – ROSWELL INDUSTRIAL AIR PARK, NM

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



Powered by ACIS








The September 2022 precipitation for Roswell was 0.13", which was 1.42" below the normal of 1.55". This ranked a tie for the 9th driest September on record.



Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Thunderstorm Wind	9/5/2022	San Juan	50 kt	Gust	The Farmington airport measured a brief wind gust of 58 mph.
Thunderstorm Wind	9/9/2022	Santa Fe	56 kt	Gust	Thunderstorm outflow winds caused a 65 mph gust near Golden.
Thunderstorm Wind	9/9/2022	Santa Fe	58 kt	Gust	Thunderstorm outflow winds caused a 67 mph gust near Stanley.
Flash Flood	9/10/2022	San Miguel			Flash flooding impacted SR-65 on the HPCC burn scar.
Flash Flood	9/12/2022	Lincoln			Flash flooding impacted Gavilan Canyon Rd from Janet Dr to Airplane Canyon from the McBride burn scar.
Thunderstorm Wind	9/13/2022	Chaves	50 kt	Gust	The Roswell airport briefly measured a 58 mph wind gust.
Flash Flood	9/18/2022	Lincoln			Flash flooding impacted Gavilan Canyon Rd from Janet Dr to Airplane Canyon from the McBride burn scar.
Tornado	9/22/2022	San Juan	EFU		A landspout tornado formed briefly about 10 miles north of Lake Valley, NM near SR-371.
Flash Flood	9/22/2022	Sandoval			An unnamed road flooded approximately one-half mile east of Torreon Wash and one-mile west of Tinnian Rd.

*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
-  NWS Albuquerque Facebook
-  @NWSAlbuquerque & #nmwx