

November 2019 Climate Summary

Overview



Synopsis

November 2019 was warmer than normal in the west and cooler in the east. Precipitation was above normal across the west and south and below normal in the northeast. It was fairly quiet through the first 19 days of the month, with only one storm bringing rain and snow on the 6th into the 7th. The last 10 days of the month were much more active. There were storms on the 20th, 27th into the 28th, and on the 29th. A widespread snow event on Thanksgiving Day brought record snowfall to many areas of the state, including Albuquerque. November 2019 was the second wettest November on record for Albuquerque.

Full Beaver Moon over the Sandias | Nov 11, 2019
Photo via James McClure



Sunset over Taos | Nov 16, 2019
Photo via Jim O'Donnell



Lenticular over the Moreno Valley Nov 12, 2019
Photo via Marty Carpenter



East Mountain Morning | Nov 10, 2019
Photo via Al Y (Twitter)



November 2019 Climate Summary

State Temperatures

Weather Forecast Office
Albuquerque, NM
Issued December 23, 2019 7:43 PM MDT

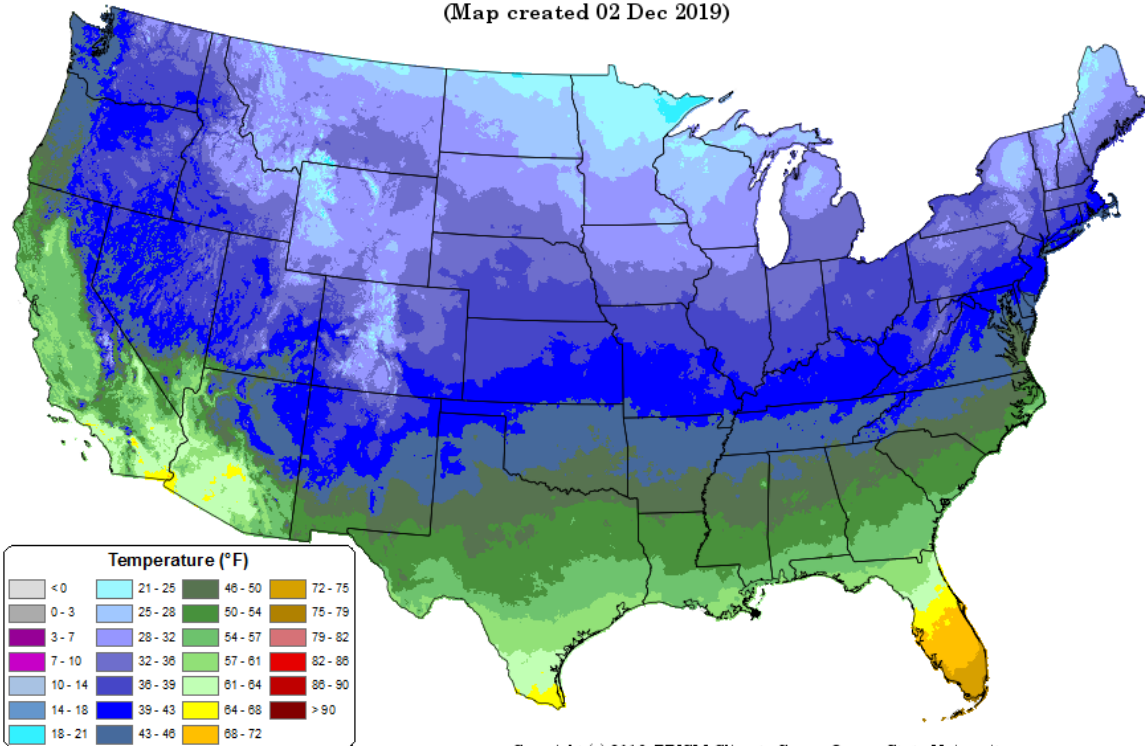


Actual

Average Daily Mean Temperature: Nov 2019

Period ending 7 AM EST 30 Nov 2019

(Map created 02 Dec 2019)



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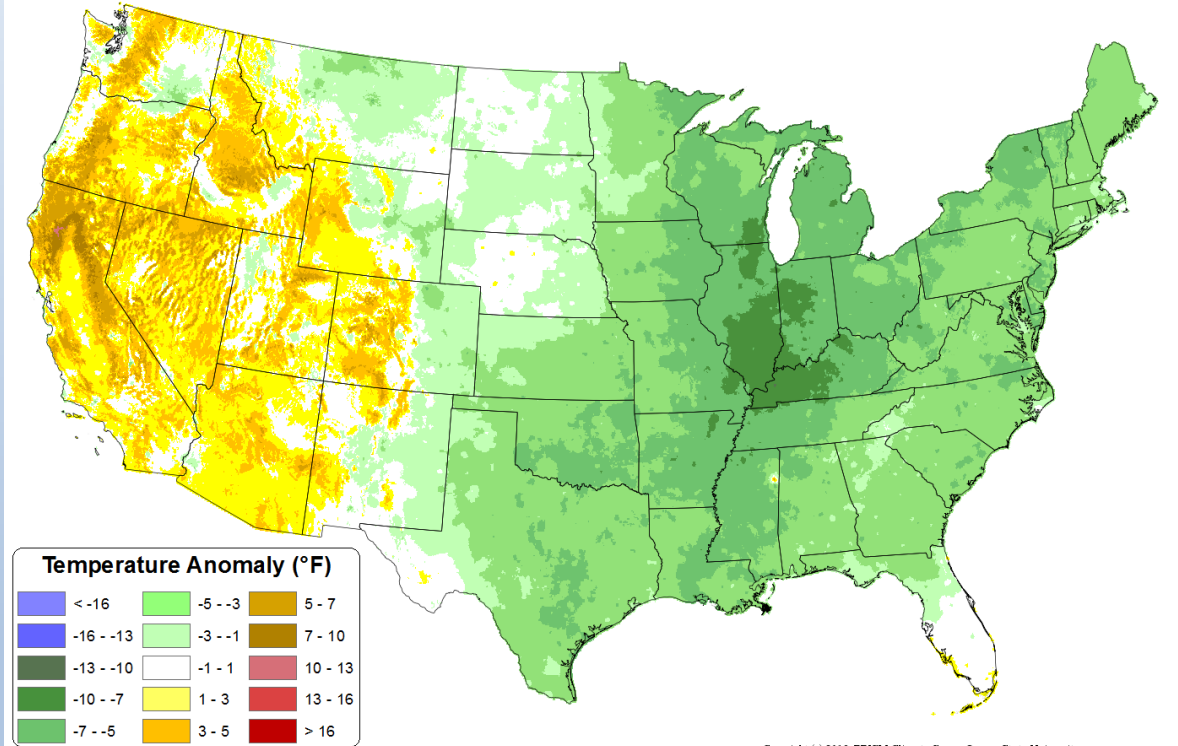
Anomaly

Daily Mean Temperature Anomaly: Nov 2019

Period ending 7 AM EST 30 Nov 2019

Base period: 1981-2010

(Map created 02 Dec 2019)



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November 2019 Climate Summary

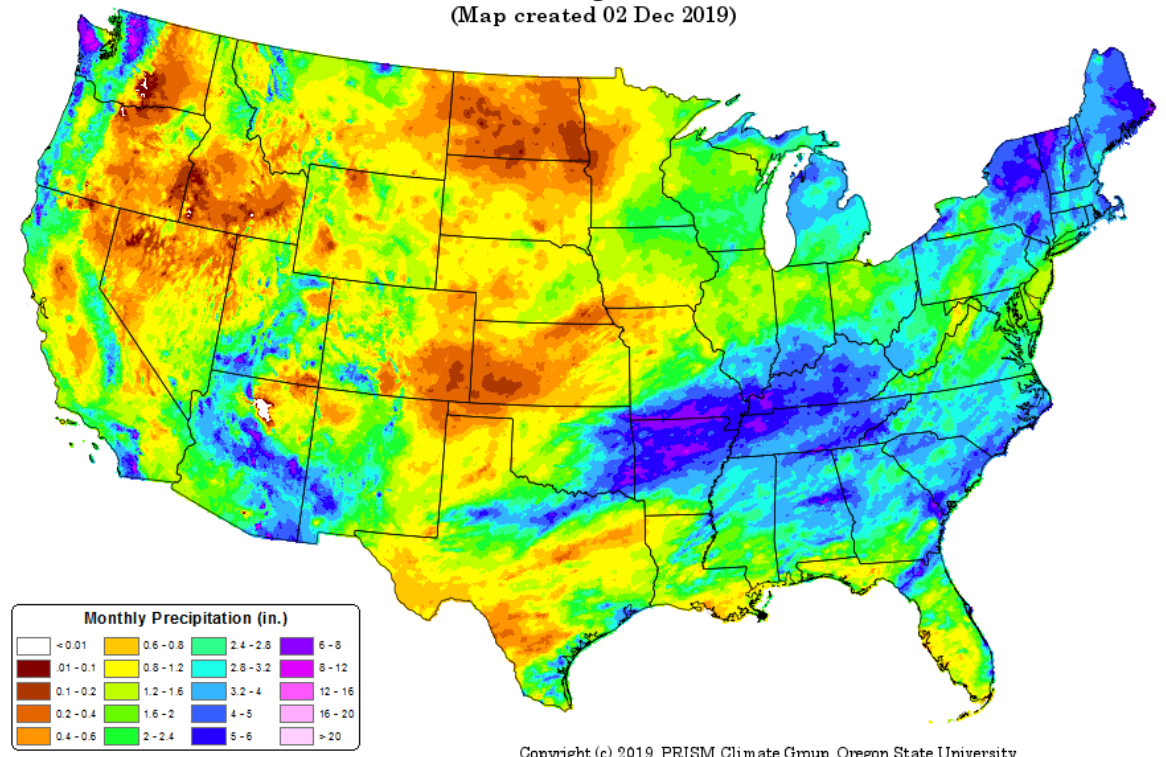
State Precipitation

Weather Forecast Office
Albuquerque, NM
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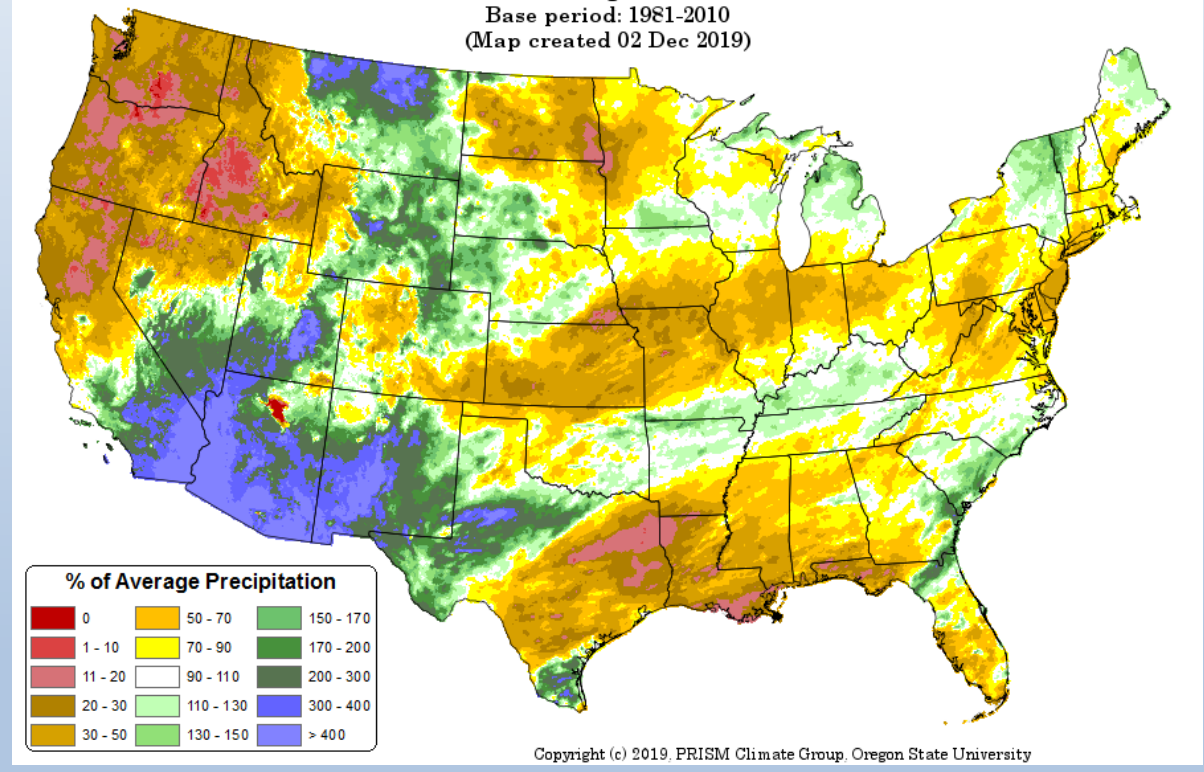
Actual

Total Precipitation: Nov 2019
Period ending 30 Nov 2019
(Map created 02 Dec 2019)



Anomaly

Total Precipitation Anomaly: Nov 2019
Period ending 30 Nov 2019
Base period: 1981-2010
(Map created 02 Dec 2019)



November 2019 Climate Summary

Statewide Temperature & Precipitation Trends

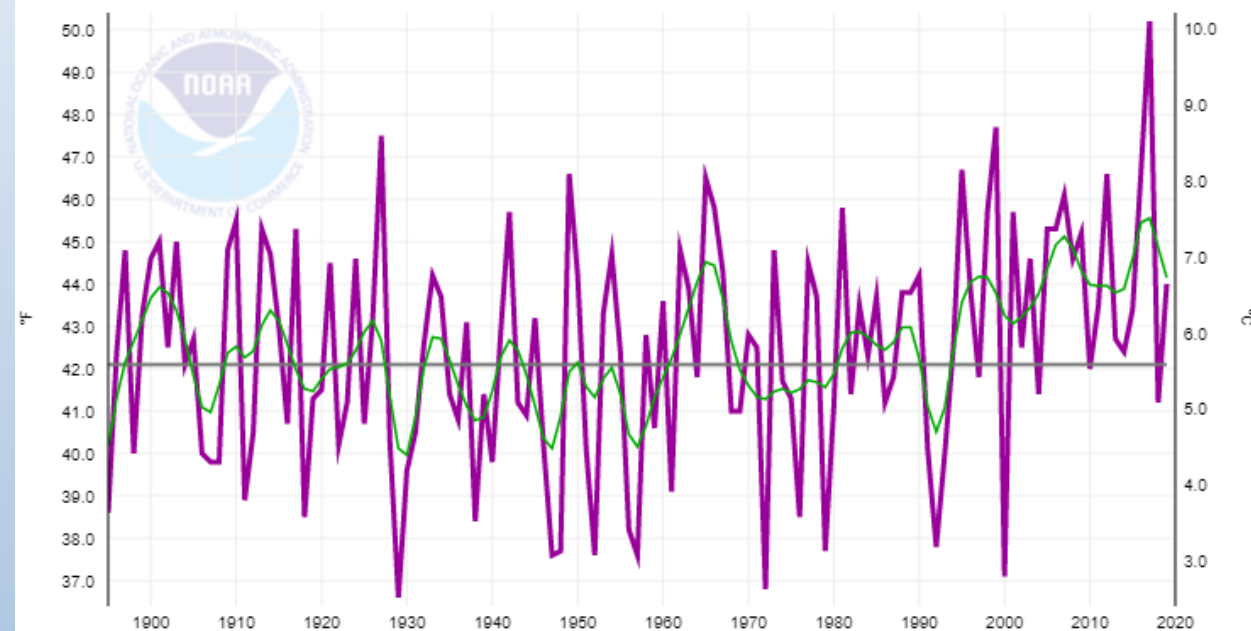
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Temperature

New Mexico, Average Temperature, November

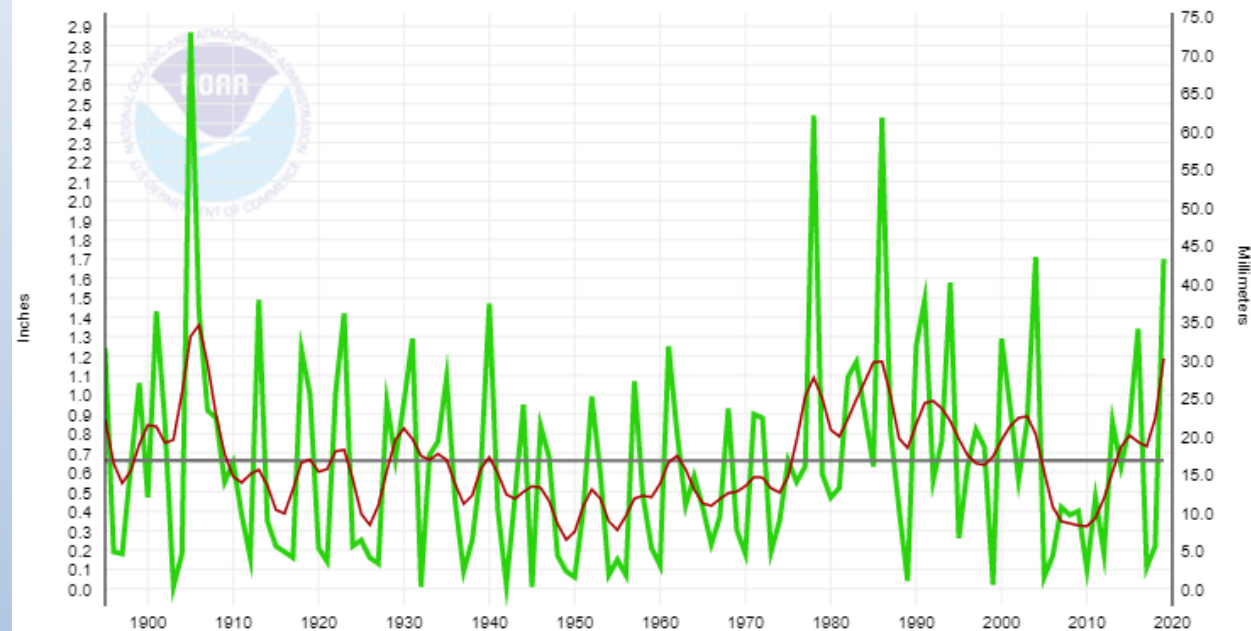
Avg Temperature 1901-2000 Mean: 42.1°F Binomial Filter



Precipitation

New Mexico, Precipitation, November

Precip 1901-2000 Mean: 0.66" Binomial Filter



The average statewide temperature for November 2019 was 44.0° which was 1.9° above the long-term normal of 42.1° (1901-2000). This ranked as the 39th warmest November on record.

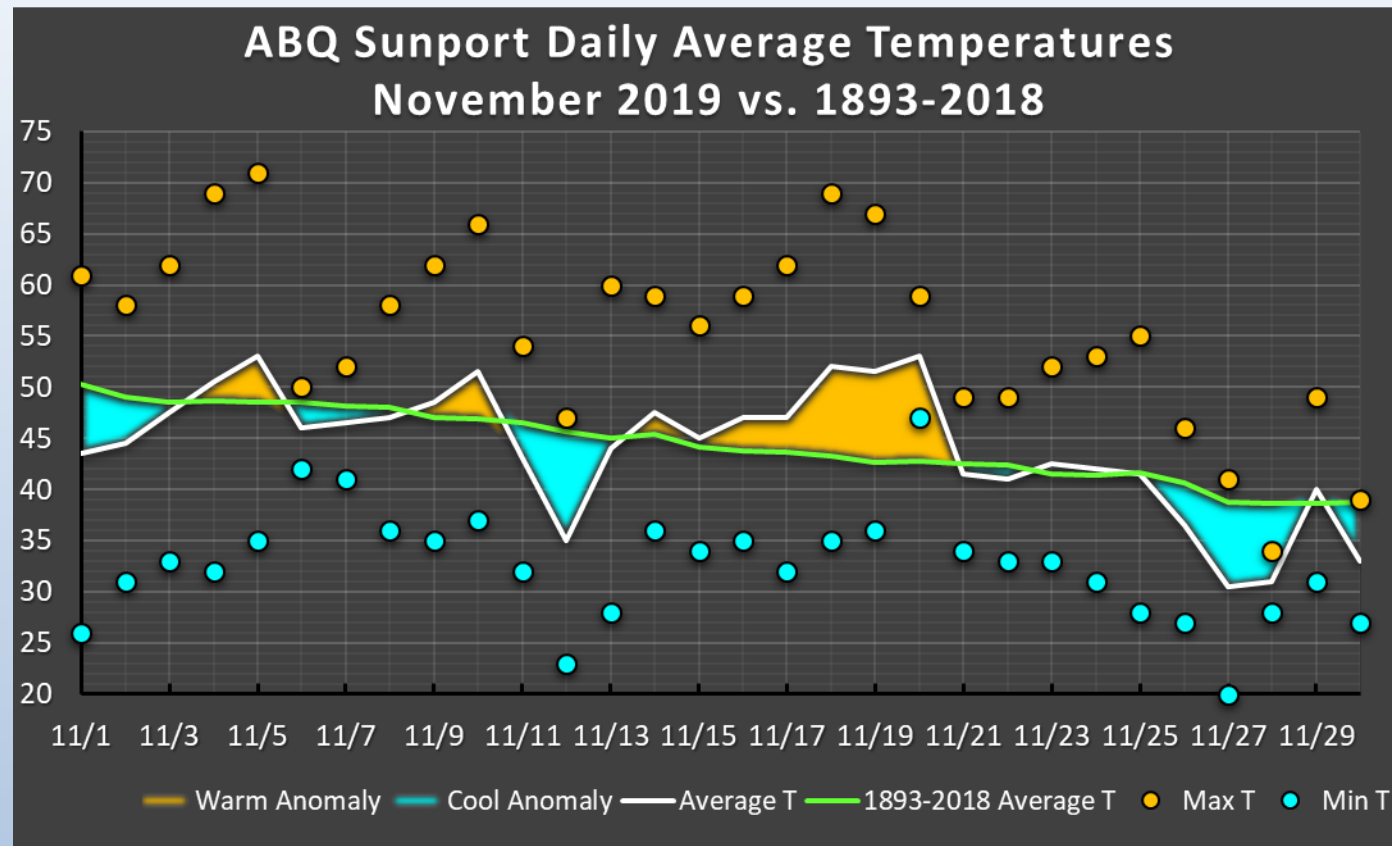
The average statewide precipitation for November 2019 was 1.70" which was 1.04" above the long-term normal of 0.66" (1901-2000). This ranked as the 5th wettest November on record!

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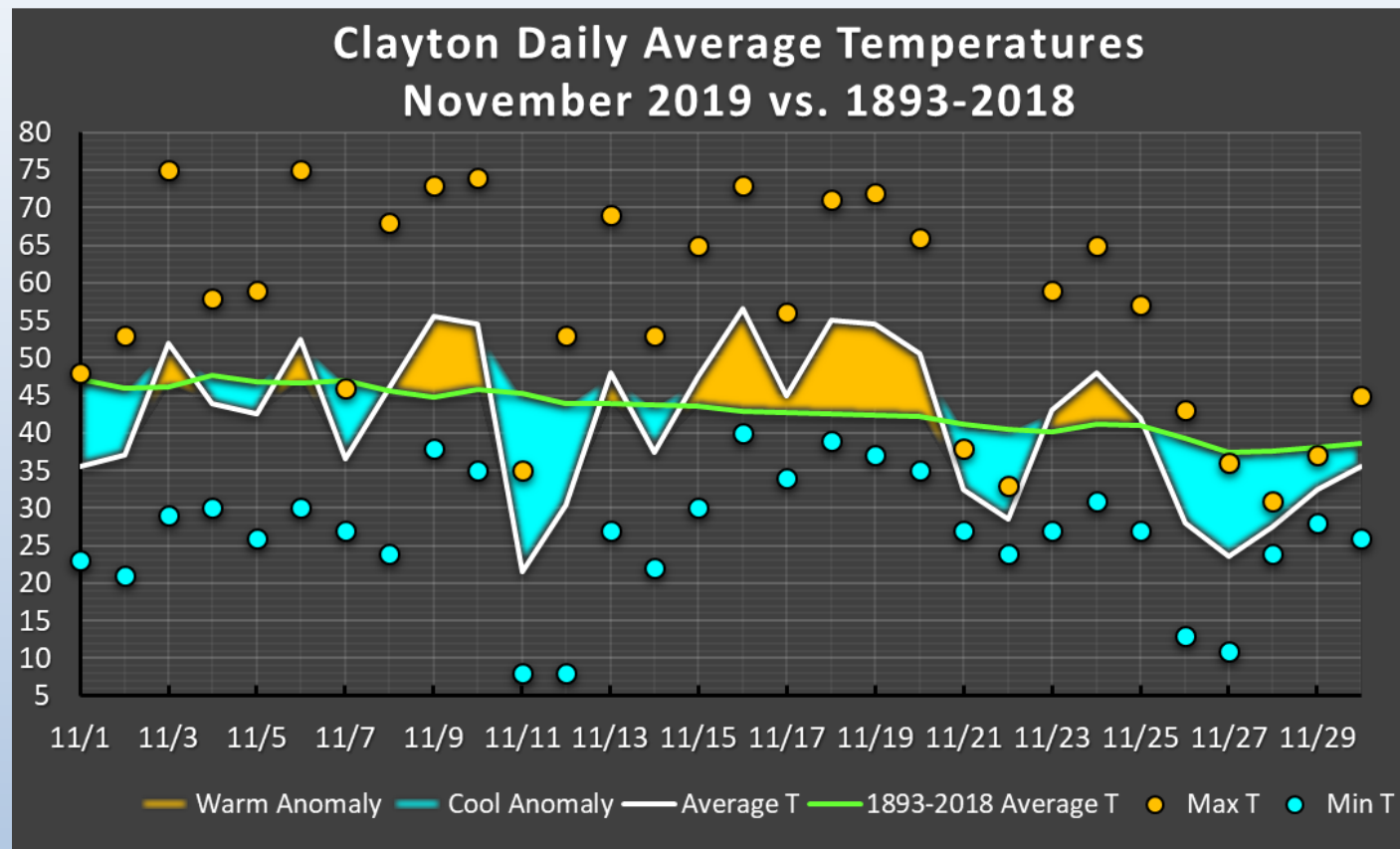
Albuquerque Sunport Temperatures

Weather Forecast Office
Albuquerque, NM

Issued December 23, 2019 7:43 PM MDT



The average temperature for Albuquerque was 44.1°, which was 0.8° below the normal of 44.9°. The average maximum temperature for the month was 55.6°. This was 0.2° below the normal average maximum temperature of 55.8°. The average minimum temperature for the month was 32.6°. This was 1.5° below the normal average minimum temperature of 34.1°.



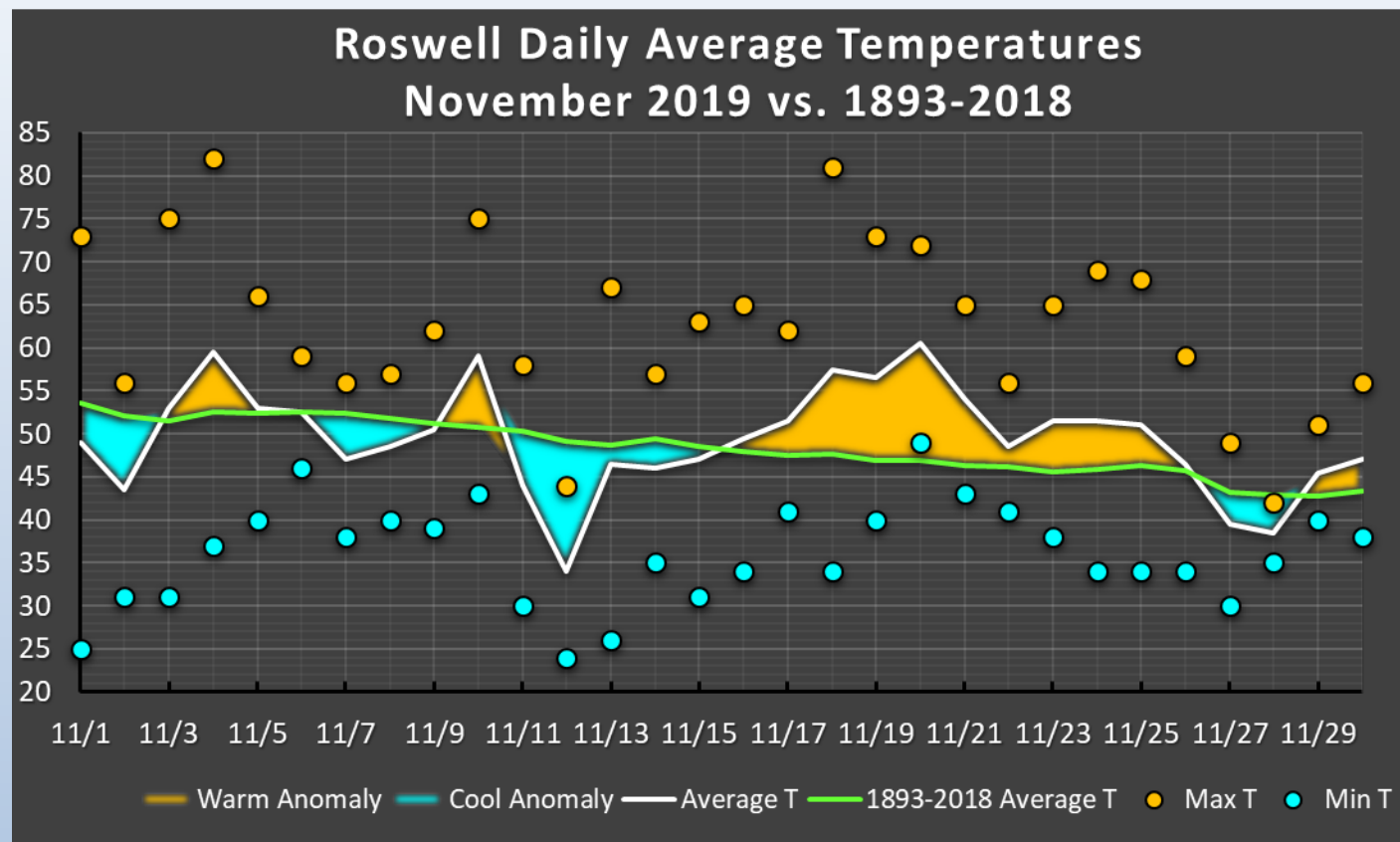
The average temperature for Clayton was 41.5°, which was 2.1° below the normal of 43.6°. The average maximum temperature for the month was 56.2°. This was 1.0° below the normal average maximum temperature of 57.2°. The average minimum temperature for the month was 26.7°. This was 3.3° below the normal average minimum temperature of 30.0°. This ranks as the 36th coolest November on record.

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Roswell Temperatures

Weather Forecast Office
Albuquerque, NM

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The average temperature for Roswell was 49.4°, which was 0.1° above the normal of 49.3°. The average maximum temperature for the month was 62.8°. This was 1.5° below the average maximum temperature of 64.3°. The average minimum temperature for the month was 36.0°. This was 1.7° above the normal average minimum temperature of 34.3°.

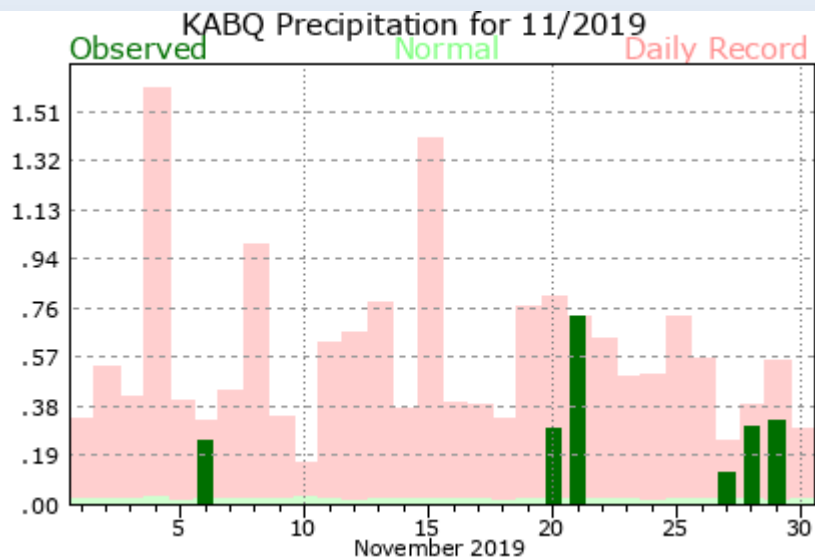
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Precipitation – Climate Sites

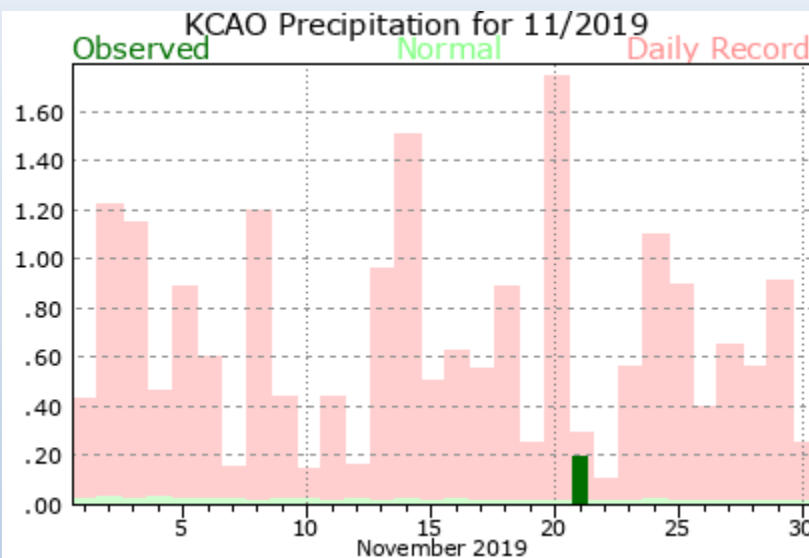
Weather Forecast Office
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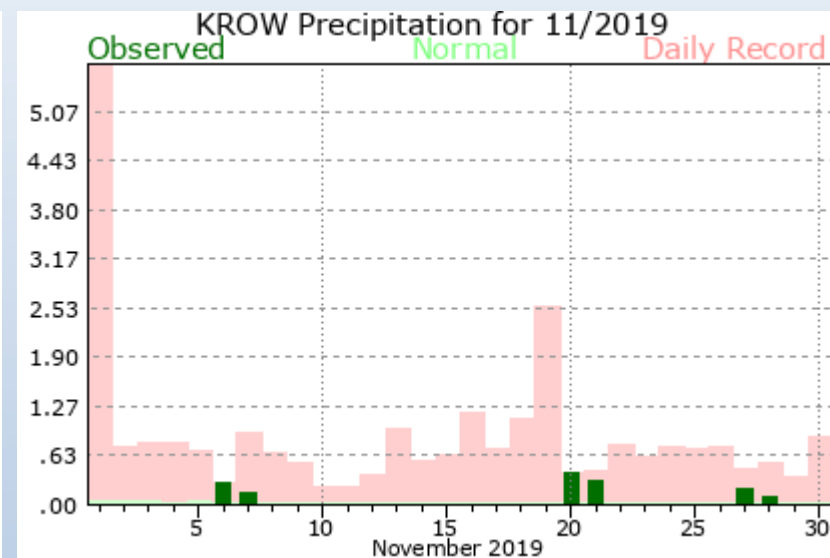
Albuquerque Sunport



Clayton



Roswell



There was 1.99" of precipitation measured at the Sunport, compared to the normal of 0.57", or 1.42" above normal. This ranks as the 2nd wettest November on record (1893-2019).

There was 0.32" of precipitation measured at Clayton, compared to the normal of 0.45", or 0.13" below normal.

There was 1.38" of precipitation measured at Roswell, compared to the normal of 0.58", or 0.80" above normal. This ranks as the 13th wettest November on record (1893-2019).

November 2019 Climate Summary

Severe Weather*

Weather Forecast Office
 Albuquerque, NM
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Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Heavy Snow	11/21-11/22/19	N Sangre de Cristo Mts	12-18"		TSV.
Heavy Snow	11/21-11/22/19	S Sangre de Cristo Mts	8-12"		Ski Santa Fe.
Heavy Snow	11/21-11/22/19	E Slopes Sangre de Cristos	8-12"		Eagle Nest to Angel Fire and Mora.
High Wind	11/26/19	Central Highlands	36 kt	Sustained	Clines Corners sustained winds up to 41 mph.
High Wind	11/26/19	Central Highlands	52 kt	Gust	Clines Corners peak wind gust up to 60 mph.
High Wind	11/26/19	Quay County	41 kt	Sustained	Tucumcari sustained winds up to 47 mph.
High Wind	11/26/19	Quay County	53 kt	Gust	Tucumcari peak wind gust up to 61 mph.
High Wind	11/26/19	Curry County	59 kt	Gust	Clovis area peak wind gusts up to 68 mph.
High Wind	11/26/19	Curry County	45 kt	Sustained	Clovis area sustained winds up to 52 mph.
High Wind	11/26/19	Roosevelt County	50 kt	Gust	Melrose and Dora peak wind gusts to 58 mph.
High Wind	11/26/19	Roosevelt County	38 kt	Sustained	Dora sustained winds up to 44 mph.
High Wind	11/26/19	De Baca County	52 kt	Gust	CSBF at Fort Sumner peak wind gust to 60 mph.
High Wind	11/26/19	E Lincoln County	57 kt	Gust	CSBF at Transwestern Pump peak wind gust to 66 mph.
High Wind	11/25-11/26/19	Southwest Chaves County	36 kt	Sustained	Dunken sustained winds up to 41 mph.
High Wind	11/25-11/26/19	Southwest Chaves County	56 kt	Gust	Dunken peak wind gust up to 64 mph.
Heavy Snow	11/27-11/30/19	W Central Highlands	6-8"		Continental Divide.
Heavy Snow	11/27-11/30/19	Tusas Mts and Chama	6-12"		Chama to Hopewell.
Heavy Snow	11/27-11/30/19	Jemez Mts	8-10"		Valles Caldera.
Heavy Snow	11/27-11/29/19	Glorieta Mesa	8-12"		Glorieta area.
Heavy Snow	11/27-11/30/19	N Sangre de Cristo Mts	12-15"		Red River.
High Wind	11/29-11/30/19	S Central Mts	54 kt	Gust	Capitan to Ruidoso peak wind gusts up to 62 mph.
Heavy Snow	11/27-11/30/19	S Sangre de Cristo Mts	16"		Wesner Springs.
High Wind	11/29-11/30/19	S Central Mts	36 kt	Sustained	Sierra Blanca airport sustained winds up to 41 mph.
Heavy Snow	11/27-11/30/19	E Slopes Sangre de Cristos	11-17"		Eagle Nest to Angel Fire and Mora.

*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/>

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Severe Weather*

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Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Heavy Snow	11/27-11/29/19	Santa Fe Metro Area	4-9"		Pojoaque to Santa Fe and Lamy.
Strong Wind	11/29/2019	ABQ Metro Area	48 kt	Gust	Power lines down. Peak winds near 55 mph.
Heavy Snow	11/27-11/29/19	ABQ Metro Area	4-8"		Rio Rancho to ABQ and Los Lunas.
Heavy Snow	11/27-11/29/19	Lower Rio Grande Valley	3-6"		Socorro to Bosque del Apache.
High Wind	11/29-11/30/19	Southwest Chaves County	56 kt	Gust	Dunken peak wind gust up to 64 mph.
Heavy Snow	11/27-11/29/19	Sandia/Manzano Mts	9-14"		Sandia Park to Edgewood and Mountainair.
High Wind	11/30/2019	Sandia/Manzano Mts	56 kt	Gust	Sandia Park peak wind gust to 65 mph.
Heavy Snow	11/27-11/29/19	Estancia Valley	6-13"		Moriarty area.
High Wind	11/30/2019	Curry County	46 kt	Sustained	Sustained winds up to 53 mph around Clovis.
Heavy Snow	11/27-11/29/19	Central Highlands	5-13"		Clines Corners to Pedernal.
High Wind	11/30/2019	Curry County	61 kt	Gust	Clovis landfill peak wind gust to 70 mph.
High Wind	11/30/2019	Far NE Highlands	40 kt	Sustained	Raton sustained winds up to 46 mph.
Heavy Snow	11/27-11/29/19	NE Highlands	5-7"		Las Vegas to Ribera.
High Wind	11/30/2019	Far NE Highlands	55 kt	Gust	Raton peak wind gust to 63 mph.
High Wind	11/30/2019	Central Highlands	51 kt	Gust	Clines Corners peak wind gust up to 59 mph.
Heavy Snow	11/27-11/29/19	Guadalupe County	3-6"		I-40 near Milagro. Semi overturned.
High Wind	11/30/2019	Roosevelt County	40 kt	Sustained	Dora sustained winds up to 46 mph.
High Wind	11/30/2019	Roosevelt County	52 kt	Gust	Dora peak wind gust up to 60 mph.
Heavy Snow	11/27-11/29/19	E Lincoln County	4"		Sierra Blanca SNOTEL.
High Wind	11/30/2019	Quay County	36 kt	Sustained	Tucumcari sustained winds up to 41 mph.
Heavy Snow	11/27-11/29/19	San Agustin Plains	5-6"		Magdalena area.
High Wind	11/30/2019	Johnson/Bartlett Mesas	37 kt	Sustained	Capulin sustained winds up to 41 mph.
High Wind	11/30/2019	NE Highlands	50 kt	Gust	Peak wind up to 58 mph near Magdalena.
High Wind	11/30/2019	Union County	53 kt	Gust	Peak wind gust up to 61 mph near Sedan.

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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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