



Synopsis

January 2019 was warmer than normal and slightly drier than normal statewide. Northern and western New Mexico were actually quite wet while the south and east were very dry. The new year started out with a bang as heavy snowfall blanketed much of northern New Mexico with one to two feet of powder. Weather conditions quieted down until mid month when widespread high winds impacted eastern New Mexico for an extended period from the 18th through the 22nd. A stunning lunar eclipse moved over New Mexico on the 20th.



Taos, NM | Jan. 11, 2019 | Courtesy of Twitter: @jhfarrr



Lunar Eclipse (Santa Fe, NM) | Jan. 20, 2019
Courtesy of Chris Brown



Placitas, NM | Jan. 01, 2019
Courtesy of Howie Bing via Twitter

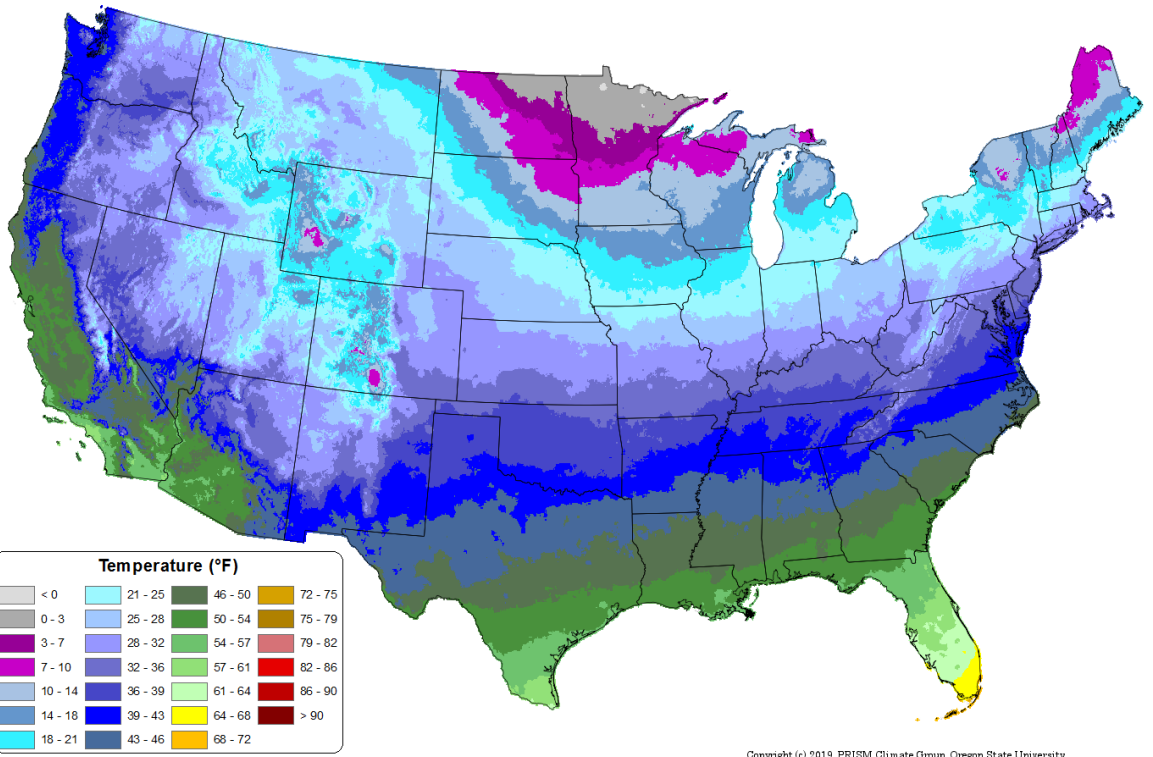
January 2019 Climate Summary

State Temperatures



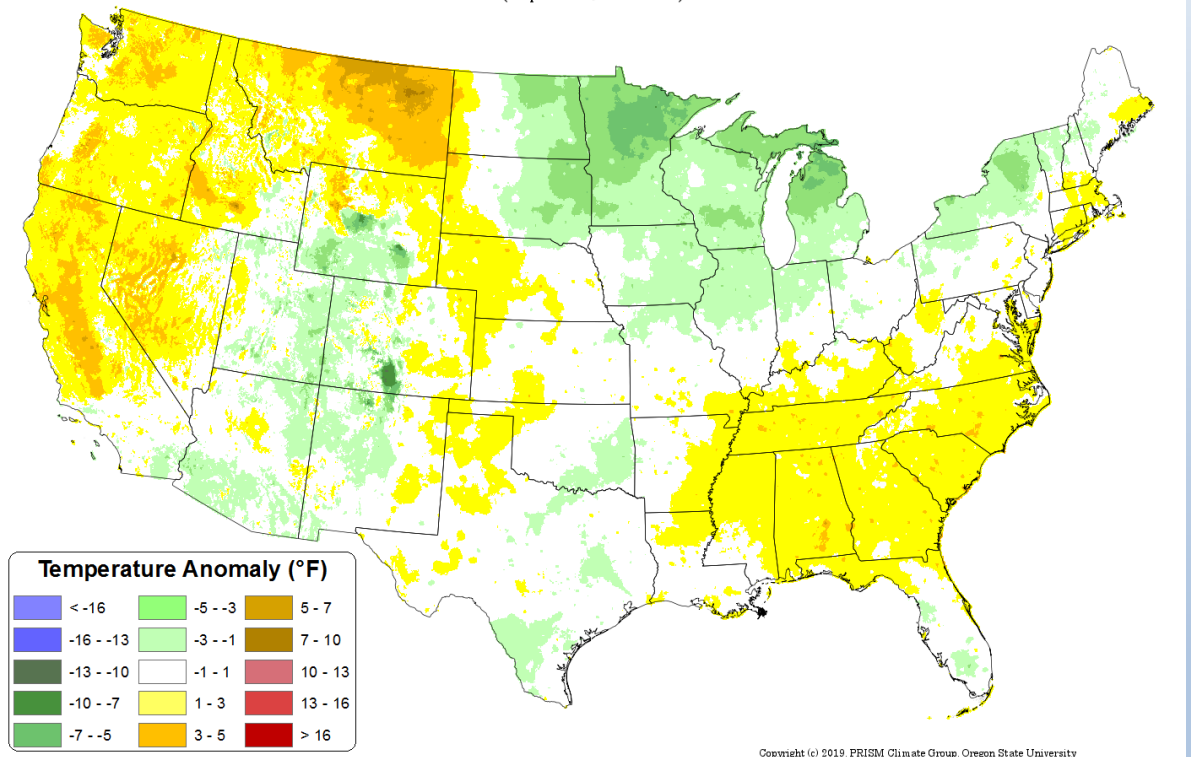
Actual

Average Daily Mean Temperature: Jan 2019
Period ending 7 AM EST 31 Jan 2019
(Map created 28 Oct 2019)



Anomaly

Daily Mean Temperature Anomaly: Jan 2019
Period ending 7 AM EST 31 Jan 2019
Base period: 1981-2010
(Map created 28 Oct 2019)



January 2019 Climate Summary

State Precipitation

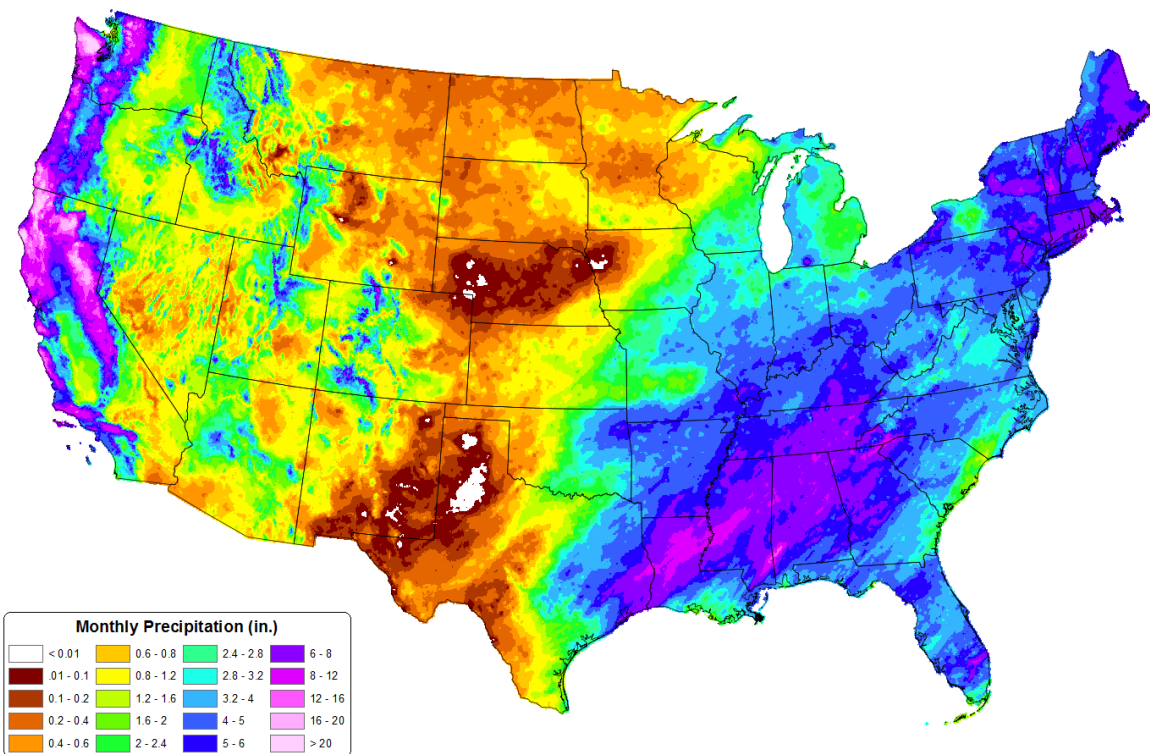
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Actual

Total Precipitation: Jan 2019

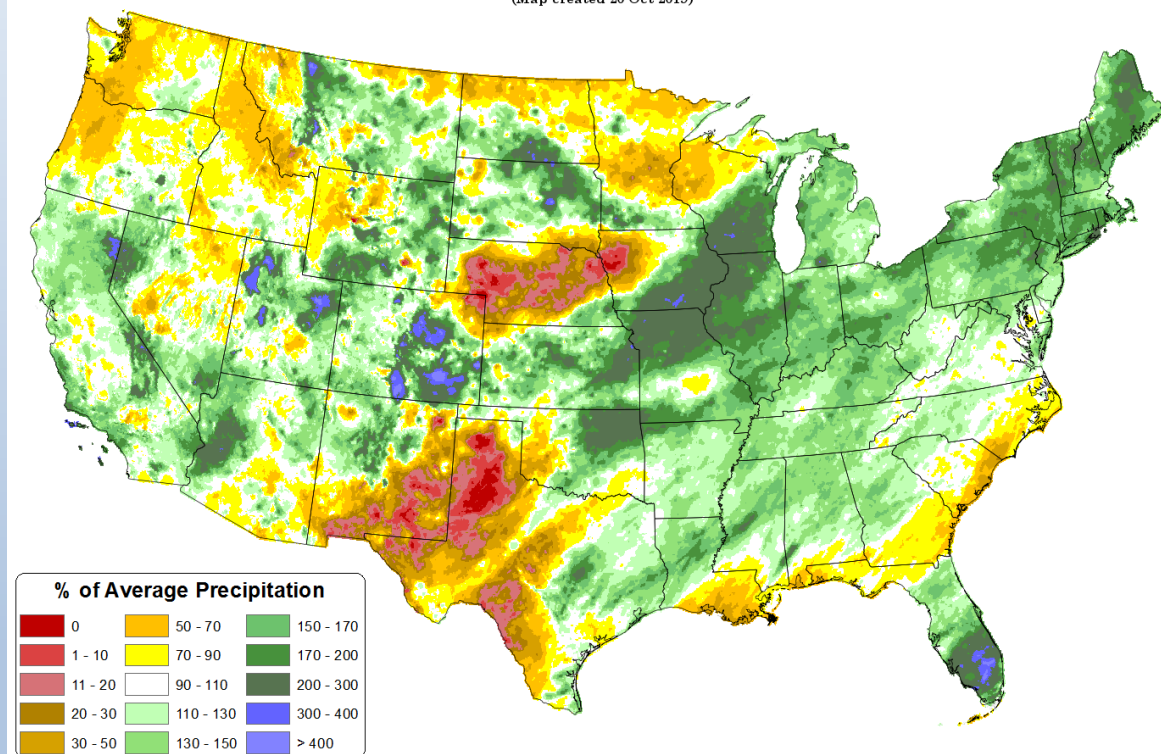
Period ending 31 Jan 2019
(Map created 20 Oct 2019)



Anomaly

Total Precipitation Anomaly: Jan 2019

Period ending 31 Jan 2019
Base period: 1981-2010
(Map created 20 Oct 2019)



January 2019 Climate Summary

Statewide Temperature & Precipitation Trends

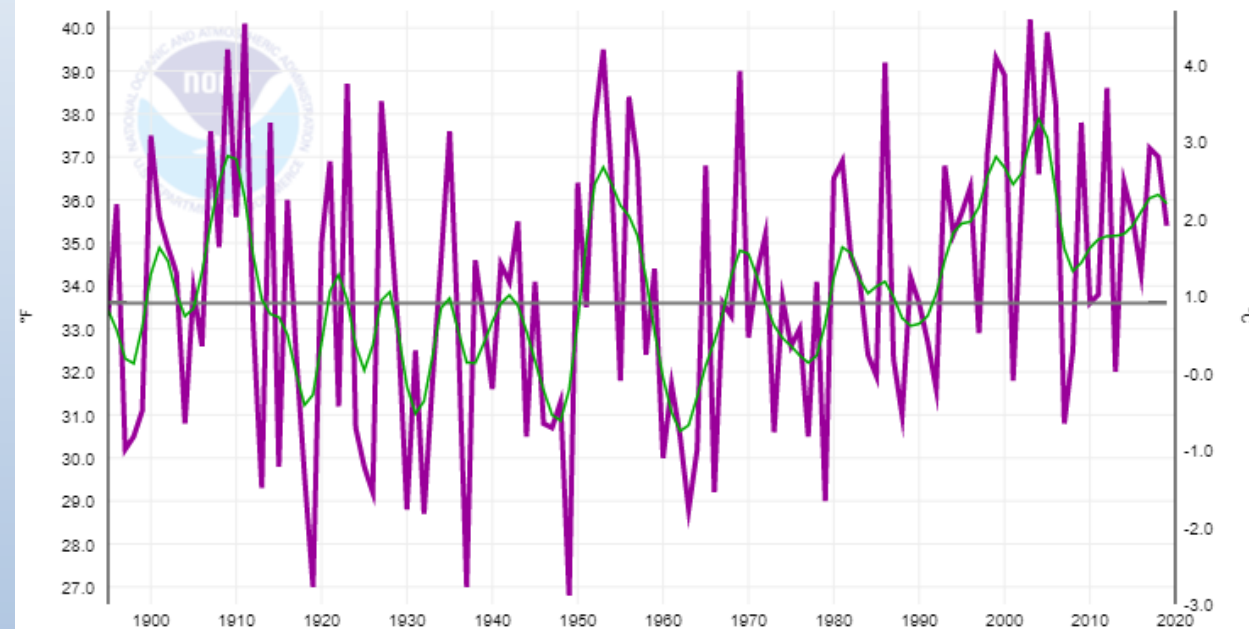
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Temperature

New Mexico, Average Temperature, January

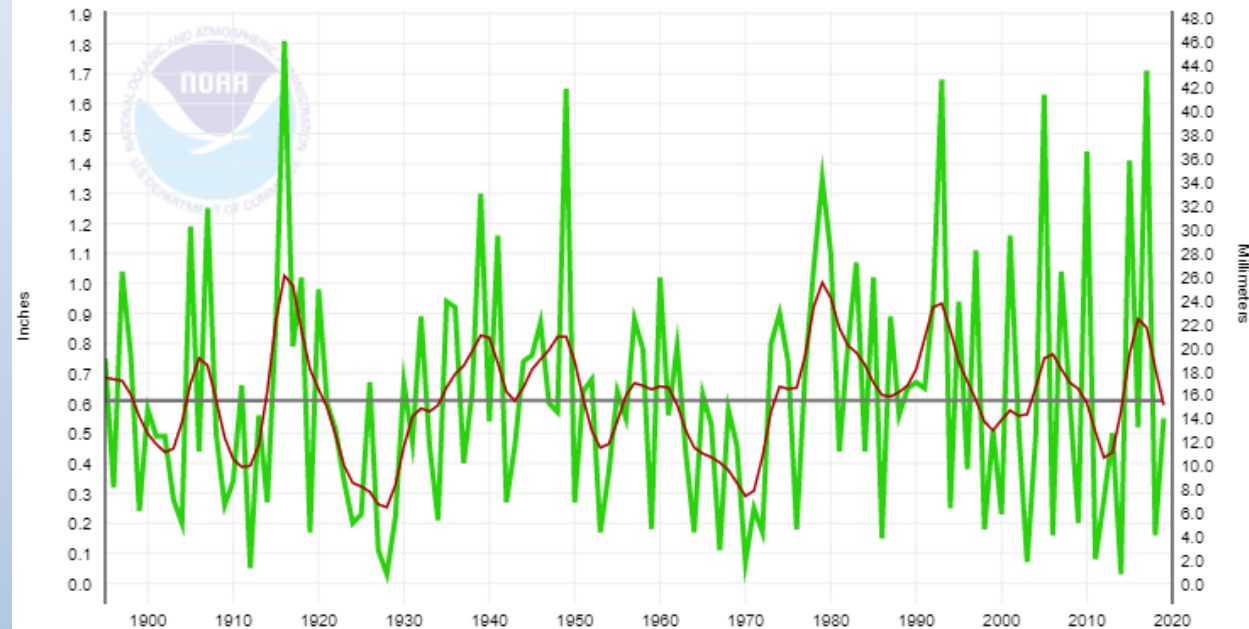
Avg Temperature 1901-2000 Mean: 33.6°F Binomial Filter



Precipitation

New Mexico, Precipitation, January

Precip 1901-2000 Mean: 0.61" Binomial Filter



The average statewide temperature was 35.4°, which was 1.8° above the long-term normal of 33.6° (1901-2000). This ranked as the 44th warmest January on record.

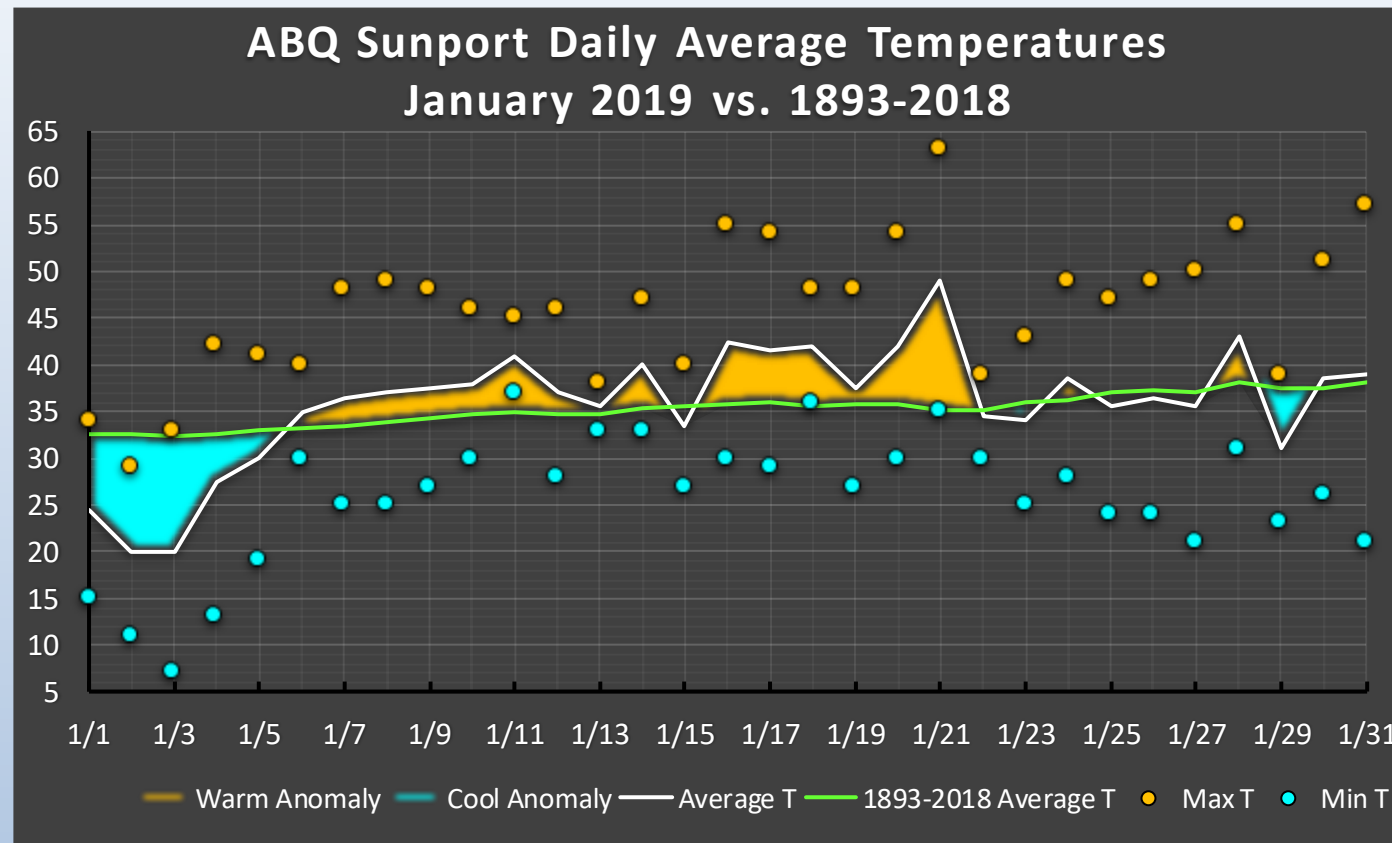
The average statewide precipitation was 0.55", which was 0.06" below the long-term normal of 0.61" (1901-2000). This ranked as the 60th driest January on record.

January 2019 Climate Summary

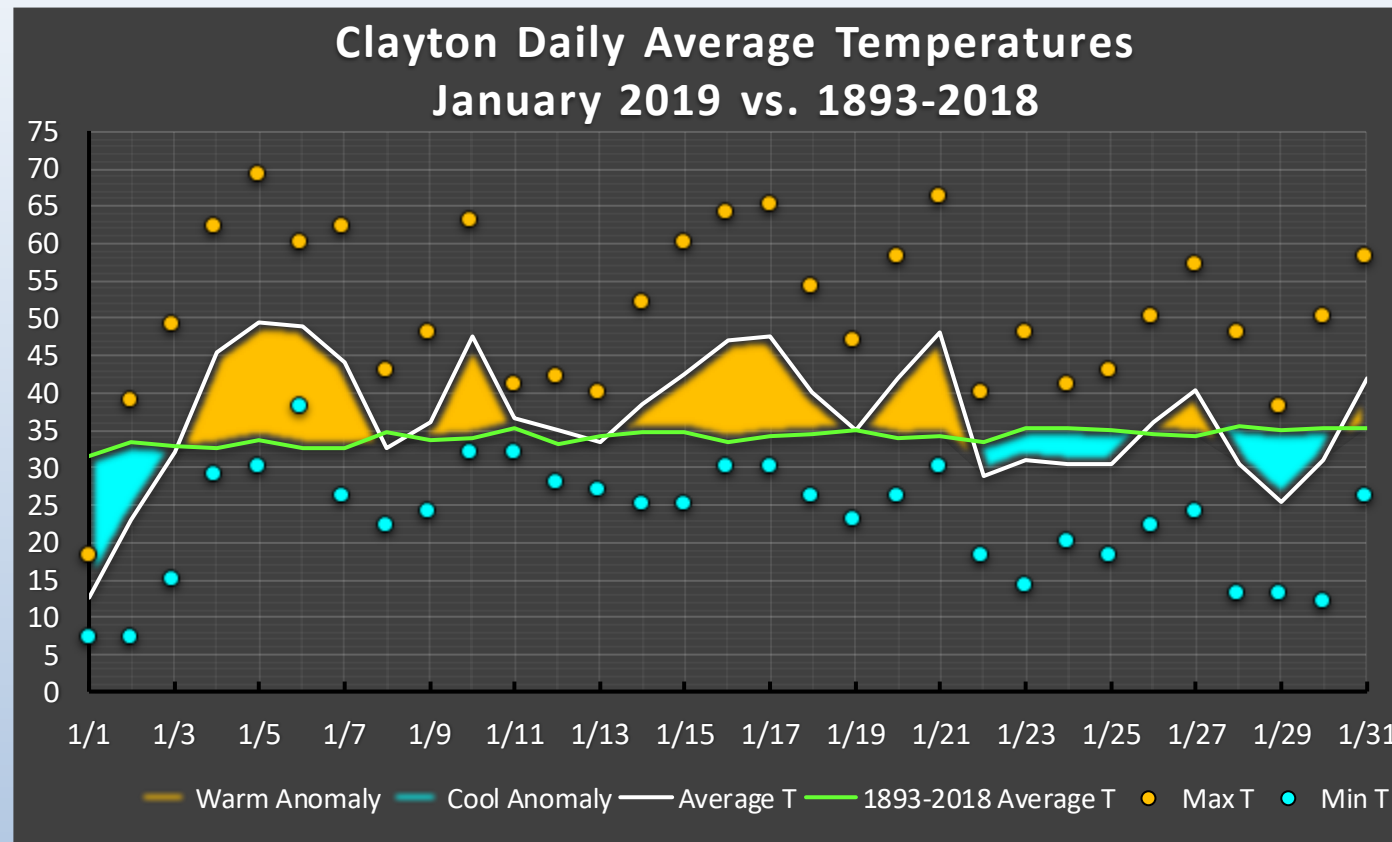
Albuquerque Sunport Temperatures

Weather Forecast Office
Albuquerque, NM

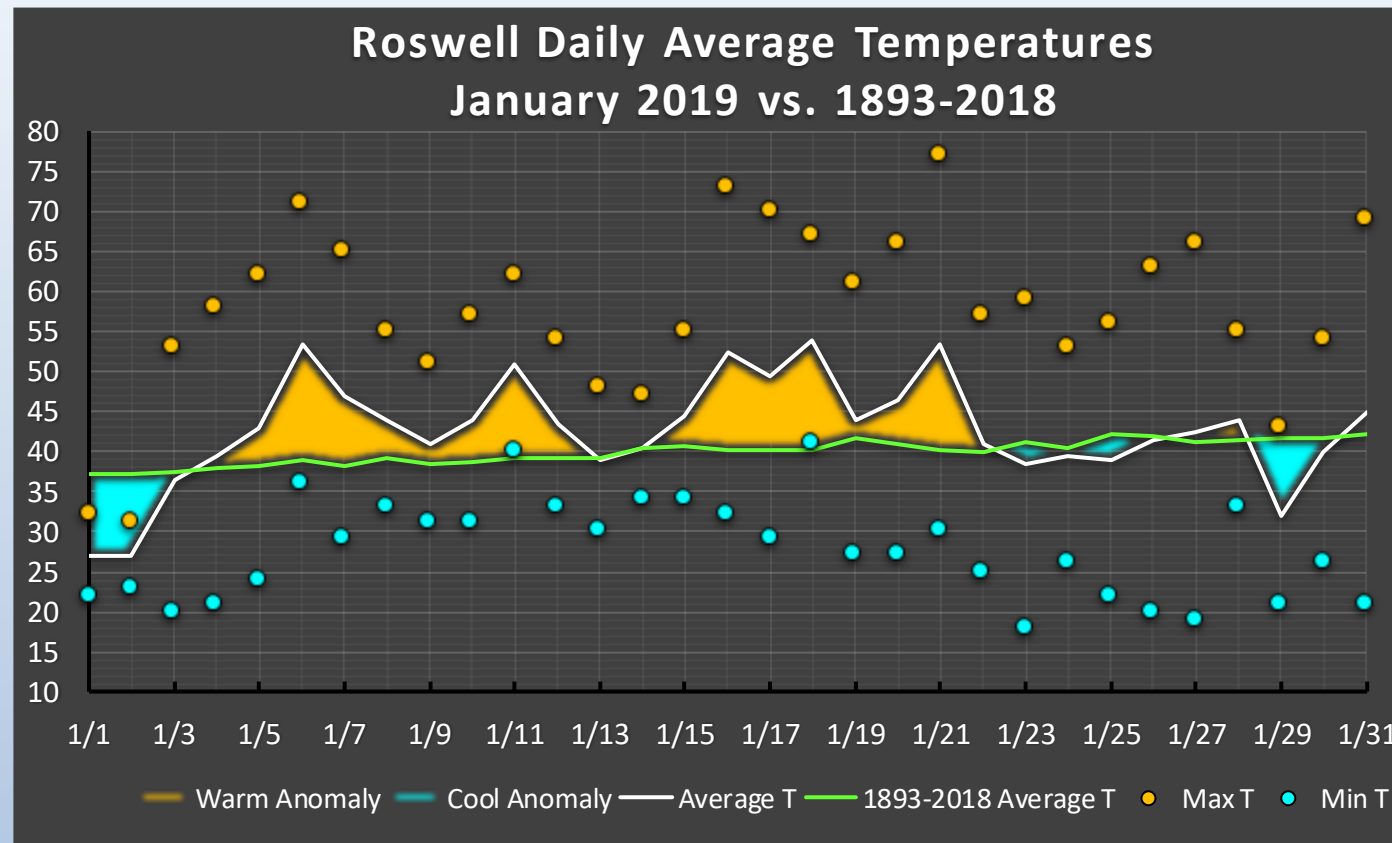
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The average temperature for Albuquerque was 35.9°, which was 0.5° below the normal of 36.4°. The average maximum temperature for the month was 46.0°. This was 0.8° below the normal average maximum temperature of 46.8°. The average minimum temperature for the month was 25.8°. This was 0.3° below the normal average minimum temperature of 26.1°.



The average temperature for Clayton was 36.9°, which was 1.5° above the normal of 35.4°. The average maximum temperature for the month was 50.8°. This was 1.9° above the normal average maximum temperature of 48.9°. The average minimum temperature for the month was 23.0°. This was 1.1° above the normal average minimum temperature of 21.9°. This ranks as the 32nd warmest January on record (1893-2019).



The average temperature for Roswell was 42.7°, which was 2.1° above the normal of 40.6°. The average maximum temperature for the month was 57.7°. This was 2.6° above the average maximum temperature of 55.1°. The average minimum temperature for the month was 27.7°. This was 1.1° above the normal average minimum temperature of 26.1°. This ranks as the 31th warmest January on record (1893-2019).

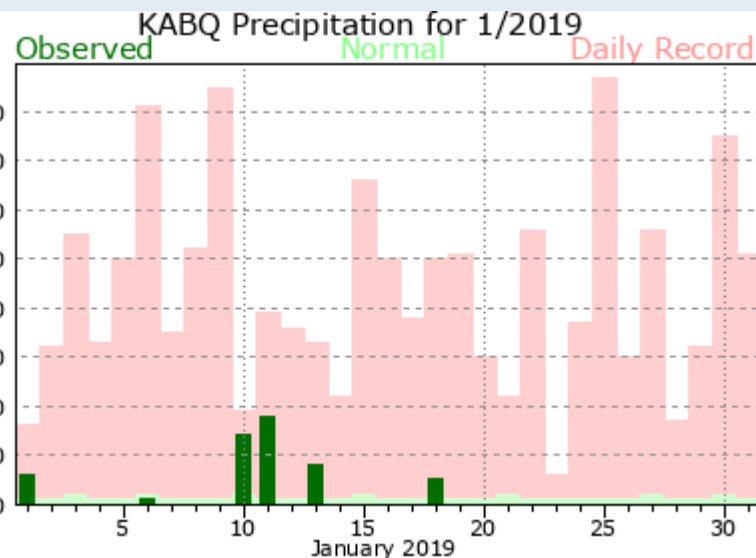
January 2019 Climate Summary

Precipitation – Climate Sites

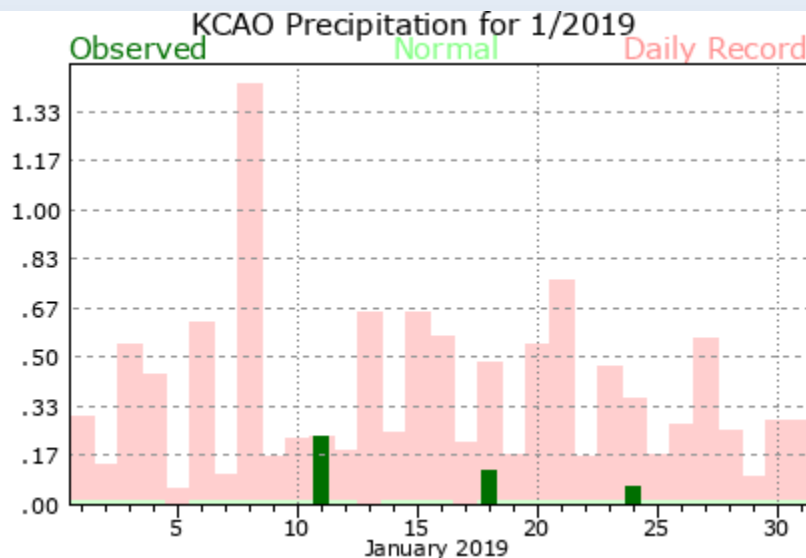
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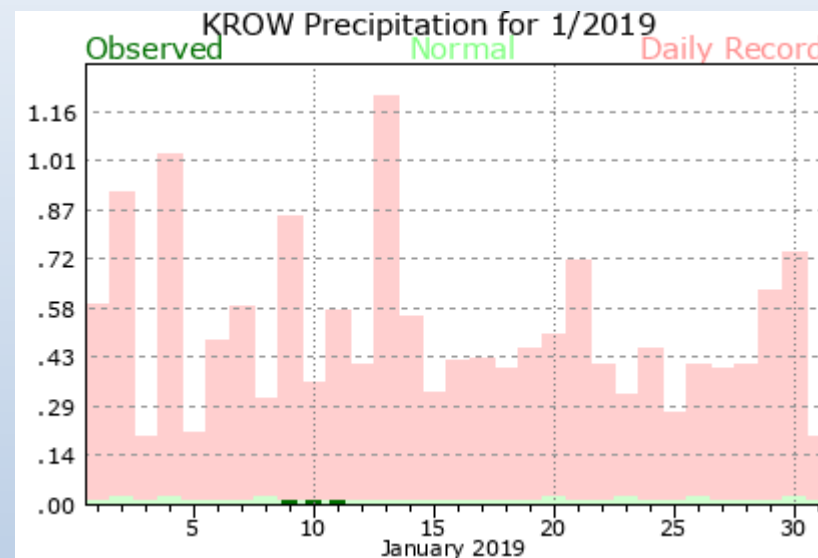
Albuquerque Sunport



Clayton



Roswell



There was 0.52" of precipitation measured at the Sunport, compared to the normal of 0.38", or 0.14" above normal. This ranks as the 37th wettest January on record (1893-2019).

There was 0.40" of precipitation measured at Clayton, compared to the normal of 0.28", or 0.12" above normal. This ranks as the 24th wettest January on record (1893-2019).

There was a 0.03" of precipitation measured at Roswell, compared to the normal of 0.38", or 0.35" below normal. This ranks as the 20th driest January on record (1893-2019).

January 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	1/1-1/2/19	Northwest Plateau	7-9"		Farmington area.
High Wind	1/6/19	South Central Mts	59 kt	Gust	Peak wind gust of 68 mph near Nogal.
High Wind	1/7/19	Central Highlands	35 kt	Sustained	Clines Corners sustained winds of 40 mph.
Heavy Snow	1/1/19	Chuska Mts	11"		Navajo Whiskey SNOTEL.
Heavy Snow		Far Northwest Highlands	6-11"		La Plata to Dulce.
Heavy Snow	1/1-1/2/19	Northwest Highlands	3-9"		Continental Divide area of U.S. 550.
Heavy Snow	1/1/19	West Central Plateau	6-10"		Gallup to Zuni Pueblo.
Heavy Snow	1/1-1/2/19	West Central Mts	5-10"		Continental Divide area of I-40.
Heavy Snow	1/1-1/2/19	West Central Highlands	7-9"		Grants to Cubero.
Heavy Snow	1/1-1/2/19	Southwest Mts	8-13"		Luna to Datil and Pietown.
Heavy Snow	1/1-1/2/19	San Francisco River Valley	5-10"		Reserve area.
Heavy Snow	1/1-1/2/19	San Juan/Tusas Mts	6-12"		Chama to T.A. and Canjilon.
Heavy Snow	1/1-1/2/19	Jemez Mts	6-36"		Los Alamos to Pajarito.
Heavy Snow	1/1/19	W Slopes Sangre de Cristos	6-12"		Questa to Shady Brook and Glorieta.
Heavy Snow	1/1/19	N Sangre de Cristo Mts	6-12"		Red River area.
Heavy Snow	1/1/19	S Sangre de Cristo Mts	6-10"		High terrain east of Santa Fe.
Heavy Snow	1/1/19	E Slopes Sangre de Cristos	10-21"		Angel Fire to Black Lake and Mora.
Heavy Snow	1/11/19	Upper Rio Grande Valley	6-12"		Taos area.
Heavy Snow	1/11/19	W Slopes Sangre de Cristos	6-12"		Taos to Talpa and Pot Creek.
Heavy Snow	1/1/19	Upper Rio Grande Valley	5-11"		Taos area.
Heavy Snow	1/1/19	Lower Chama River Valley	2-7"		Espanola to Alcalde.
Heavy Snow	1/1/19	Sandia/Manzano Mts	4-14"		Sandia Park to Manzano.
Heavy Snow	1/1-1/2/19	ABQ Metro Area	2-7"		ABQ Metro Area.
Heavy Snow	1/1/19	Santa Fe Metro Area	2-9"		Santa Fe area.
Heavy Snow	1/1/19	Estancia Valley	4-7"		Moriarty to Estancia.
Heavy Snow	1/1/19	Central Highlands	3-6"		Clines Corners area.
Heavy Snow	1/1/19	Far Northeast Highlands	4-9"		Raton to Wagon Mound.

*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/>

January 2019 Climate Summary

Severe Weather*

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Event Type	Date	County / Zone Name	Magnitude	Type	Event Narrative
Heavy Snow	1/1/19	Northeast Highlands	15"		Las Vegas area.
Heavy Snow	1/1/19	Eastern San Miguel County	4-6"		Trementina area.
Heavy Snow	1/1/19	Guadalupe County			Milagro area.
Heavy Snow	1/11/19	S Sangre de Cristo Mts	10"		High terrain east of Santa Fe.
Heavy Snow	1/13/19	Jemez Mts	5-9"		Los Alamos.
Avalanche	1/17/19	N Sangre de Cristo Mts			Taos Ski Valley. Two fatalities.
High Wind	1/18/19	South Central Mts	64 kt	Gust	White Sands peak wind gusts to 74 mph.
High Wind	1/18/19	Quay County	37 kt	Sustained	Tucumcari sustained winds 40 to 43 mph.
High Wind	1/18/19	Curry County	37 kt	Sustained	Clovis sustained winds 40 to 43 mph.
High Wind	1/18/19	Chaves County Plains	53 kt	Gust	Roswell peak wind gust up to 61 mph.
High Wind	1/18/19	Central Highlands	55 kt	Gust	Clines Corners peak wind gusts to 63 mph.
High Wind	1/18/19	Central Highlands	39 kt	Sustained	Clines Corners sustained winds 40 to 45 mph.
High Wind	1/18/19	Roosevelt County	35 kt	Sustained	Melrose Range sustained winds of 40 mph.
High Wind	1/18/19	De Baca County	37 kt	Sustained	Sumner Lake sustained winds 40 to 43 mph.
High Wind	1/18/19	Roosevelt County	36 kt	Sustained	Dora sustained winds 40 to 42 mph.
High Wind	1/21/19	Southwest Mts	39 kt	Sustained	Red Hill sustained winds 40 to 45 mph.
High Wind	1/21/19	Southwest Mts	50 kt	Gust	Red Hill peak wind gust up to 58 mph.
High Wind	1/21/19	South Central Mts	62 kt	Gust	Sierra Blanca airport peak wind gusts up to 71 mph.
High Wind	1/21/19	South Central Mts	44 kt	Sustained	Sierra Blanca airport sustained winds 40 to 51 mph.
High Wind	1/21/19	N Sangre de Cristo Mts	57 kt	Gust	Kachina Peak peak wind gusts up to 66 mph.
Winter Wx	1/22/19	Raton Ridge/Johnson Mesa			I-25 closed at Raton Pass.
Winter Wx	1/22/19	Union County			U.S. 64/87 closed and NM-456 closed.
High Wind	1/22/19	Raton Ridge/Johnson Mesa	45 kt	Sustained	Raton sustained winds 40 to 52 mph.
High Wind	1/22/19	Raton Ridge/Johnson Mesa	53 kt	Gust	Raton peak wind gusts to 61 mph.
High Wind	1/22/19	Union County	37 kt	Sustained	Clayton sustained winds 40 to 43 mph.
High Wind	1/22/19	Union County	53 kt	Gust	Clayton peak wind gust up to 61 mph.
High Wind	1/23/19	Central Highlands	52 kt	Gust	Clines Corners peak wind gust to 60 mph.

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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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