



Synopsis

May 2019 was cooler than normal and the coolest May statewide since 1983. The weather proved to be a wild ride with heavy snow falling across northern New Mexico during the first part of May, followed by widespread strong winds around the middle of May, then significant severe weather across the eastern plains to close out the month. A tornado outbreak on May 26th produced six tornados and several funnel clouds across eastern New Mexico. Spring runoff was ramping up in May with many areas experiencing their highest river rises in many years.



Red River | May 9, 2019 | Courtesy of @weedreimer



Near Dora, NM | May 26, 2019
Twitter: @312Will



Albuquerque, NM | May 11, 2019 | Courtesy of @ScottKaplanides



15 WSW of Clayton, NM | May 26, 2019 | Bari Turpie

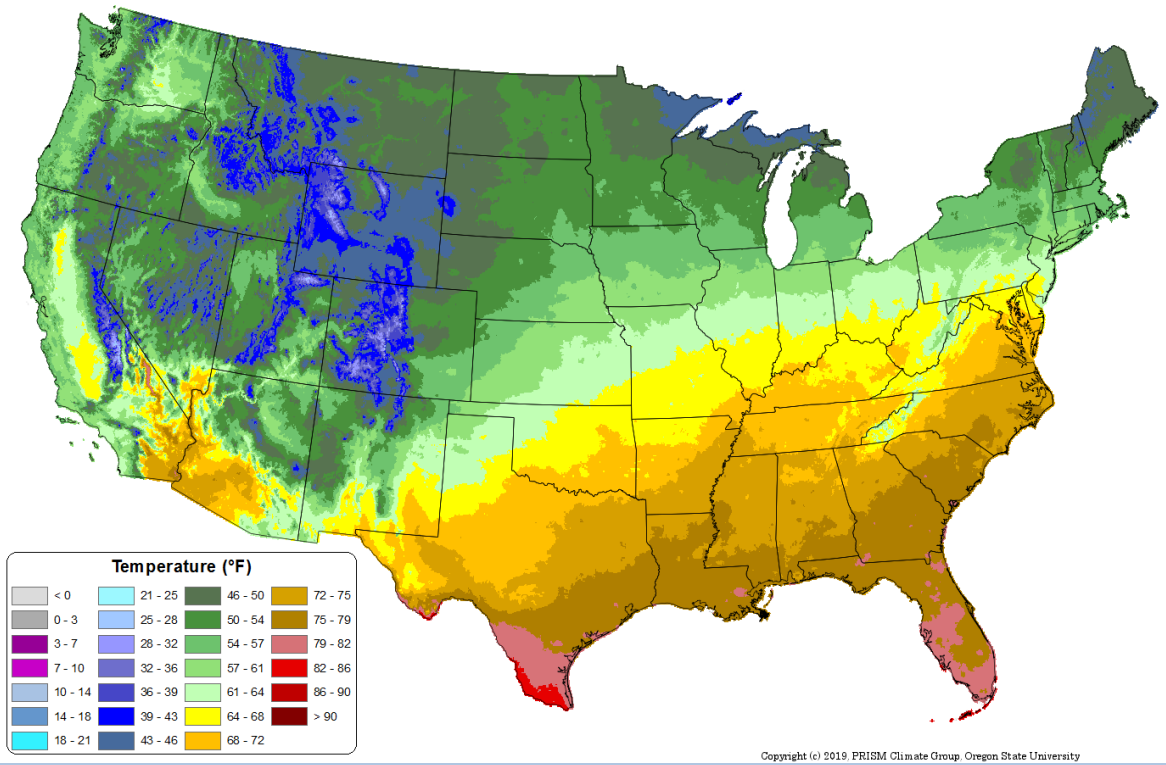
May 2019 Climate Summary

State Temperatures



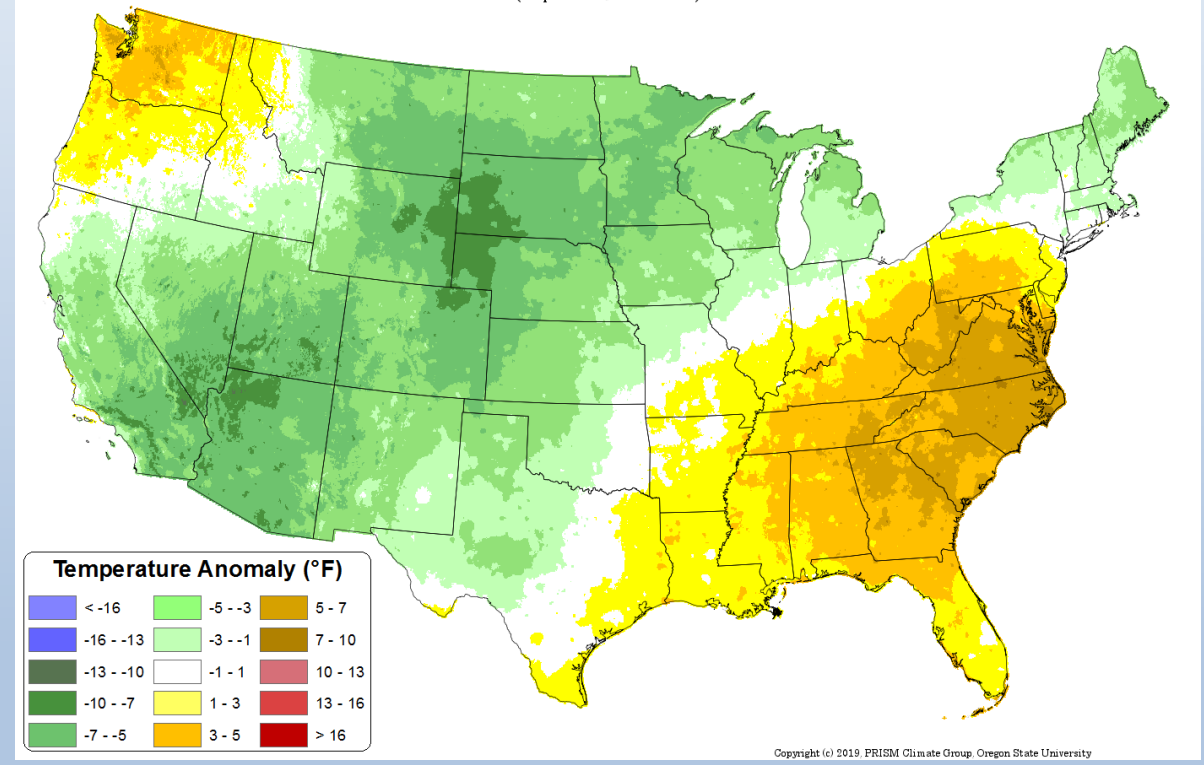
Actual

Average Daily Mean Temperature: May 2019
Period ending 7 AM EST 31 May 2019
(Map created 20 Nov 2019)



Anomaly

Daily Mean Temperature Anomaly: May 2019
Period ending 7 AM EST 31 May 2019
Base period: 1981-2010
(Map created 20 Nov 2019)



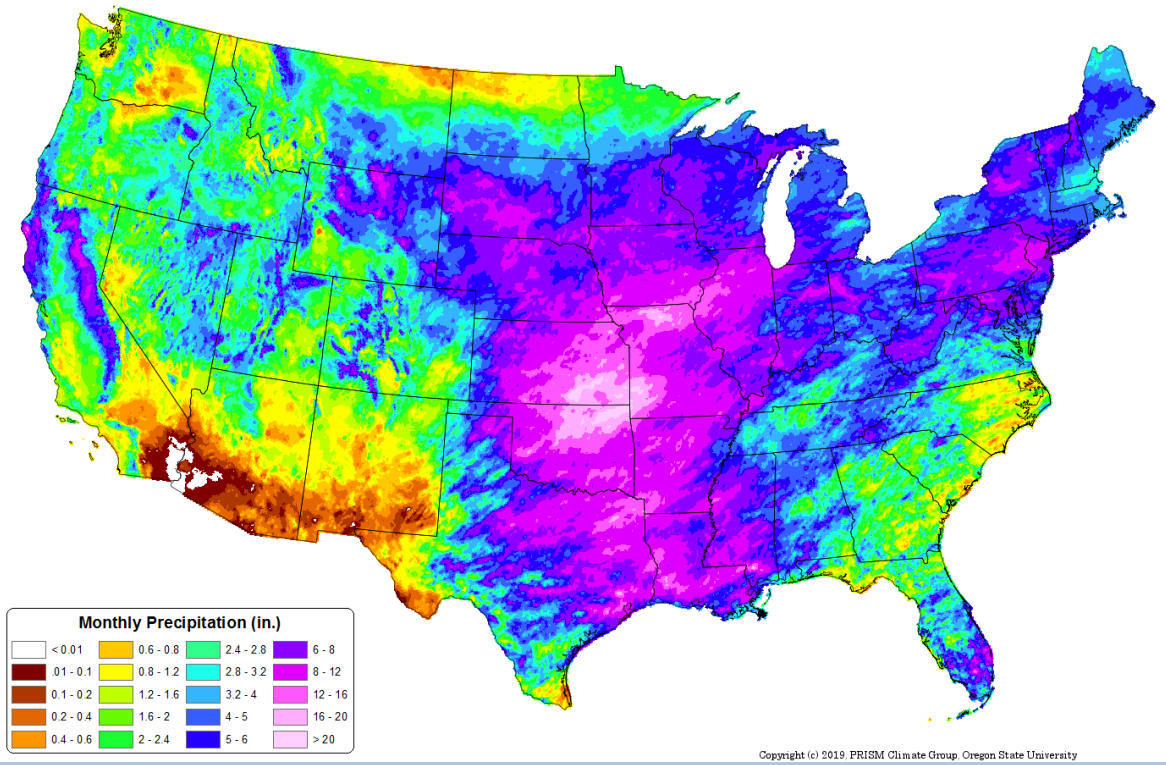
May 2019 Climate Summary

State Precipitation



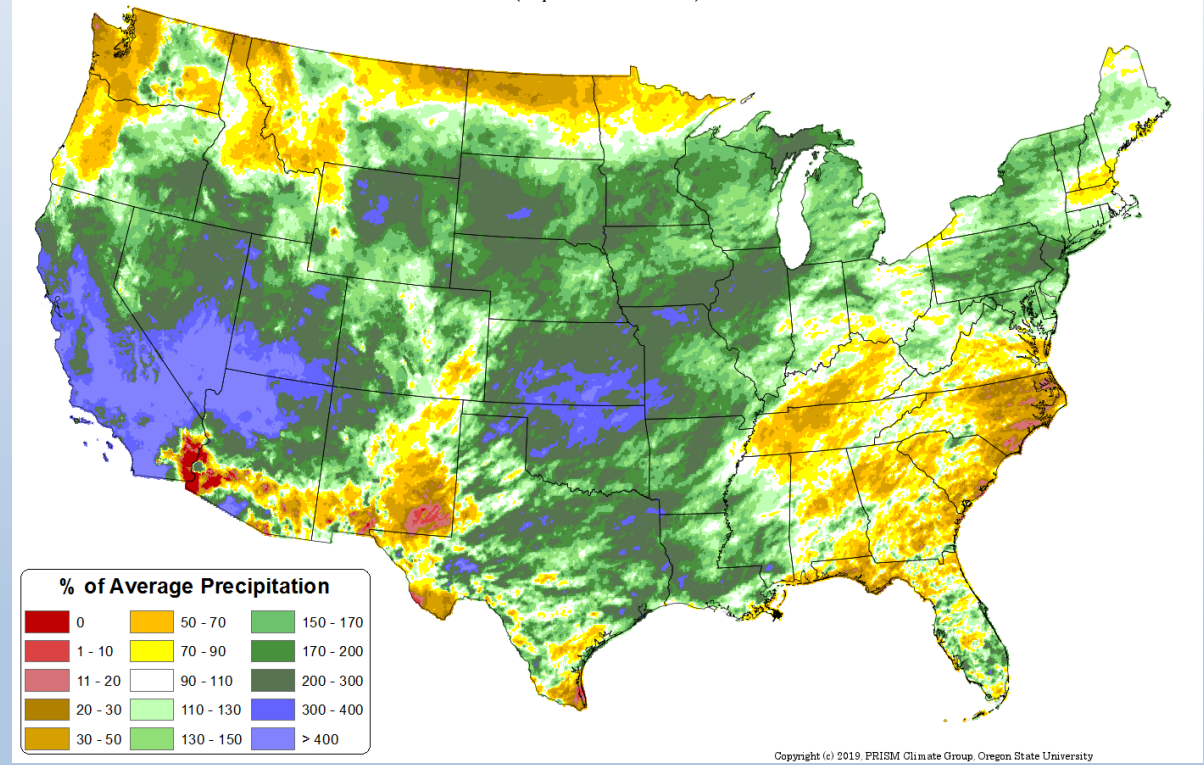
Actual

Total Precipitation: May 2019
Period ending 31 May 2019
(Map created 20 Nov 2019)



Anomaly

Total Precipitation Anomaly: May 2019
Period ending 31 May 2019
Base period: 1981-2010
(Map created 20 Nov 2019)



May 2019 Climate Summary

Statewide Temperature & Precipitation Trends

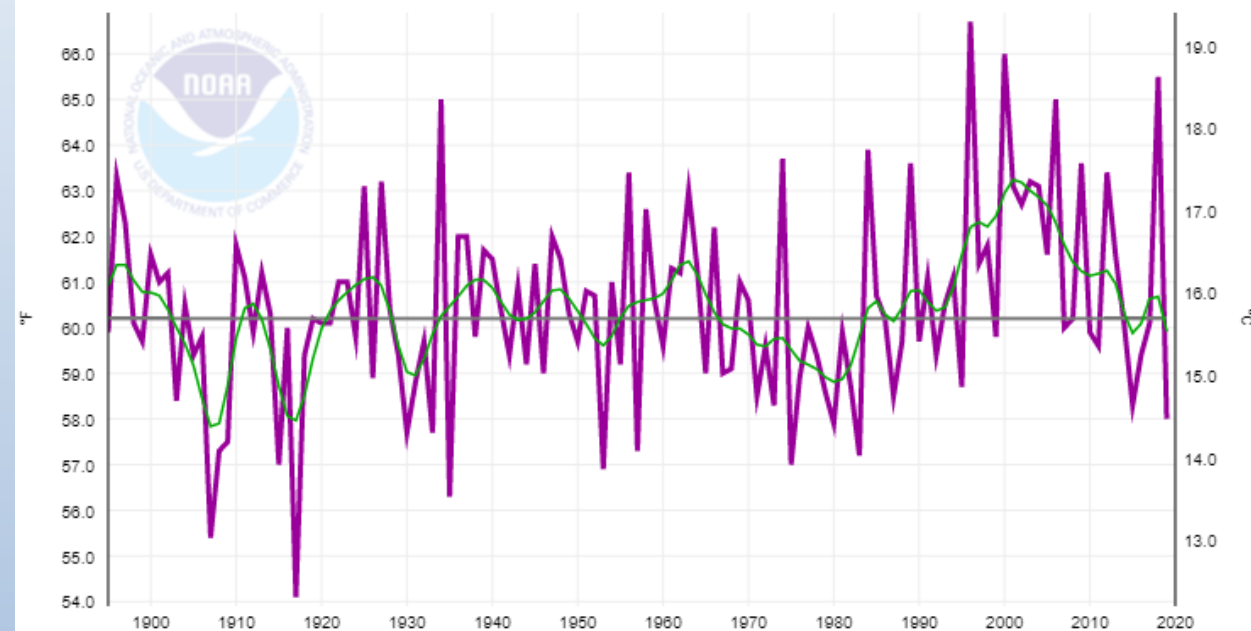
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Temperature

New Mexico, Average Temperature, May

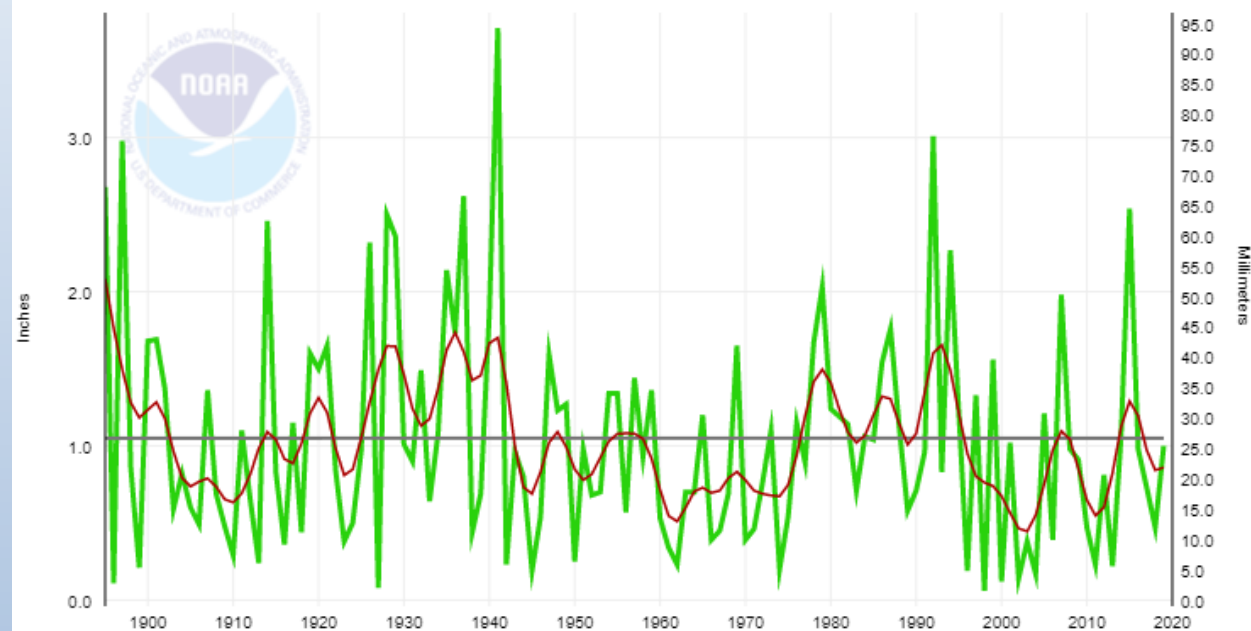
Avg Temperature 1901-2000 Mean: 60.2°F Binomial Filter



Precipitation

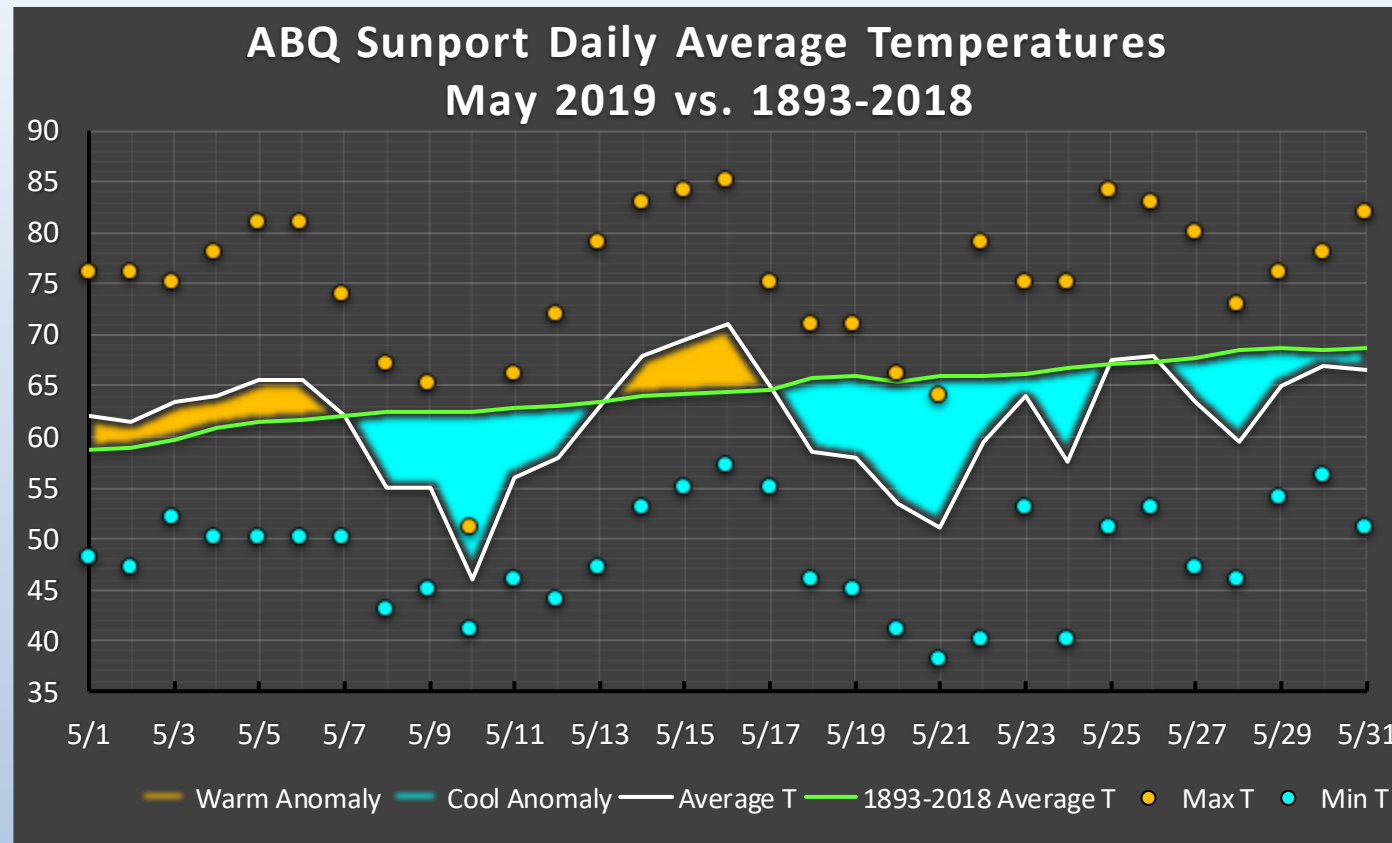
New Mexico, Precipitation, May

Precip 1901-2000 Mean: 1.05" Binomial Filter

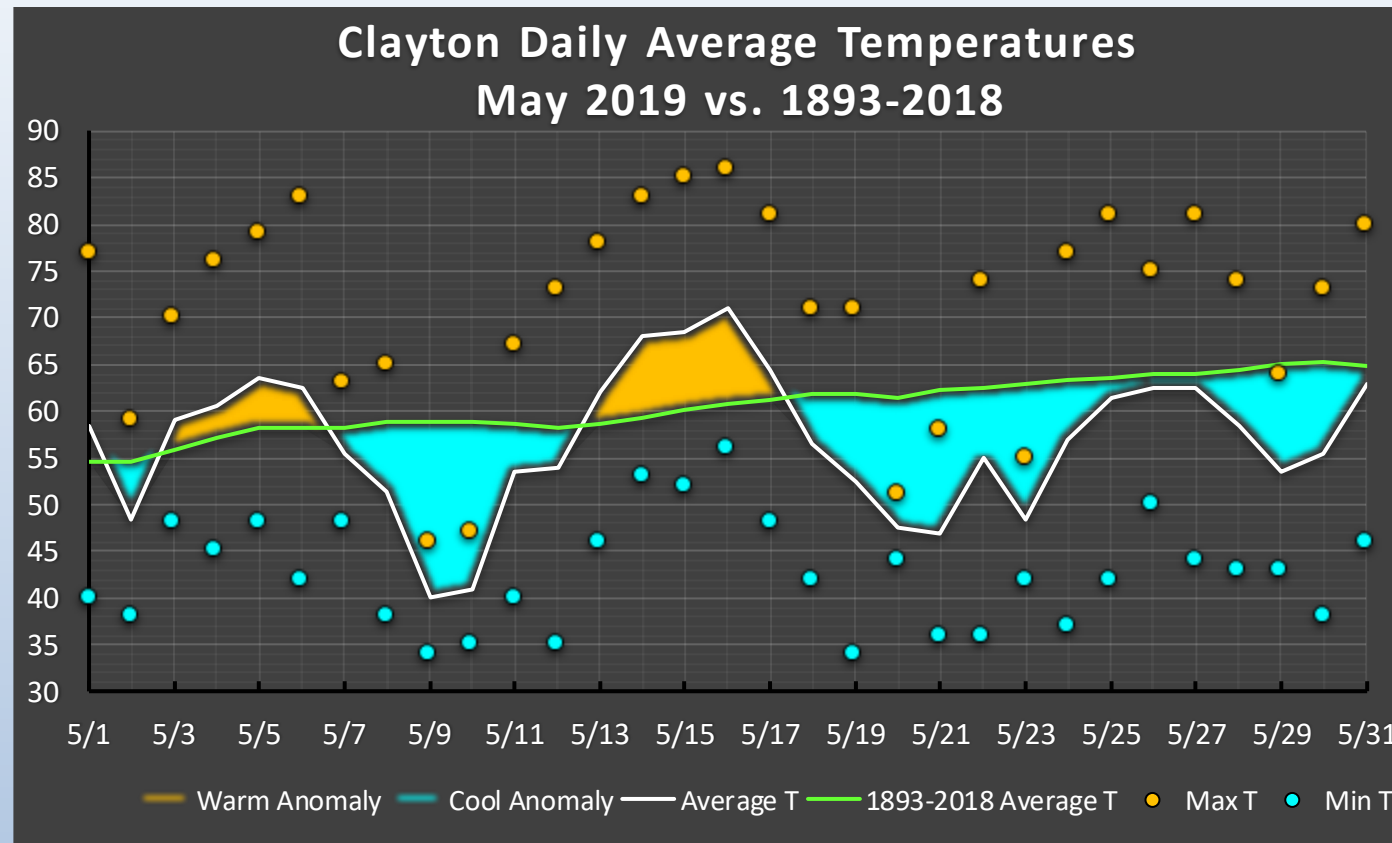


The average statewide temperature for May 2019 was 58.0° which was 2.2° below the long-term normal of 60.2° (1901-2000). This ranked as the 14th coolest May on record.

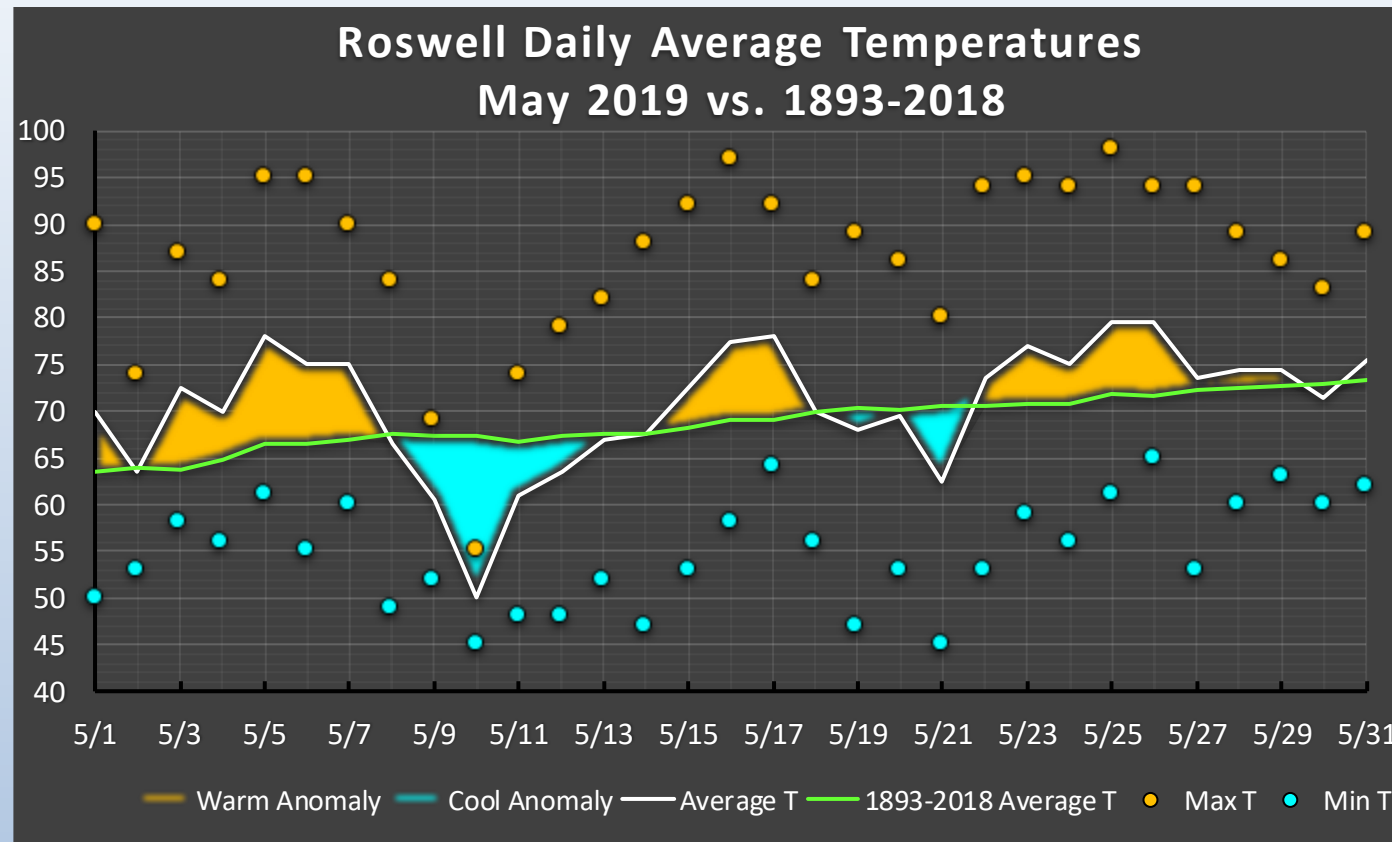
The average statewide precipitation for May 2019 was 1.00" which was 0.05" below the long-term normal of 1.05" (1901-2000).



The average temperature for Albuquerque was 61.6°, which was 4.0° below the normal of 65.6°. The average maximum temperature for the month was 75.0°. This was 3.8° below the normal average maximum temperature of 78.8°. The average minimum temperature for the month was 48.2°. This was 4.3° below the normal average minimum temperature of 52.5°. This ranks as the 16th coolest May on record (1893-2019).



The average temperature for Clayton was 56.9°, which was 4.6° below the normal of 61.5°. The average maximum temperature for the month was 71.1°. This was 4.5° below the normal average maximum temperature of 75.6°. The average minimum temperature for the month was 42.7°. This was 4.6° below the normal average minimum temperature of 47.3°. This ranks as the 10th coolest May on record (1893-2019).



The average temperature for Roswell was 70.7°, which was 0.6° above the normal of 70.1°. The average maximum temperature for the month was 86.5°. This was 1.1° above the average maximum temperature of 85.4°. The average minimum temperature for the month was 54.9°. This was 0.2° above the normal average minimum temperature of 54.7°. This ranks as the 25th warmest May on record (1893-2019).

May 2019 Climate Summary

Precipitation – Climate Sites

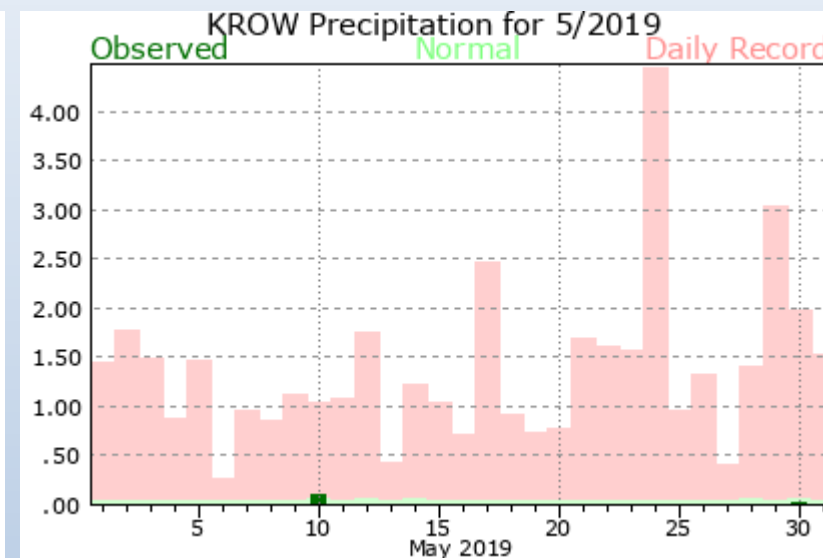
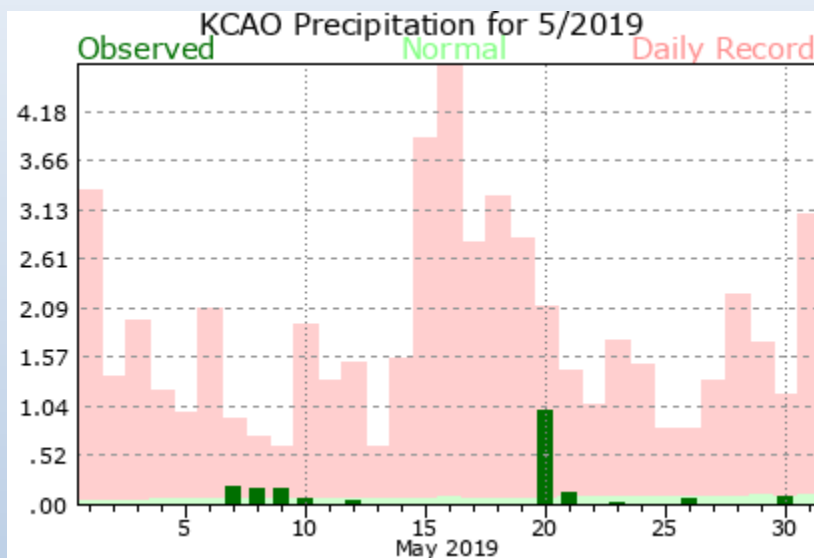
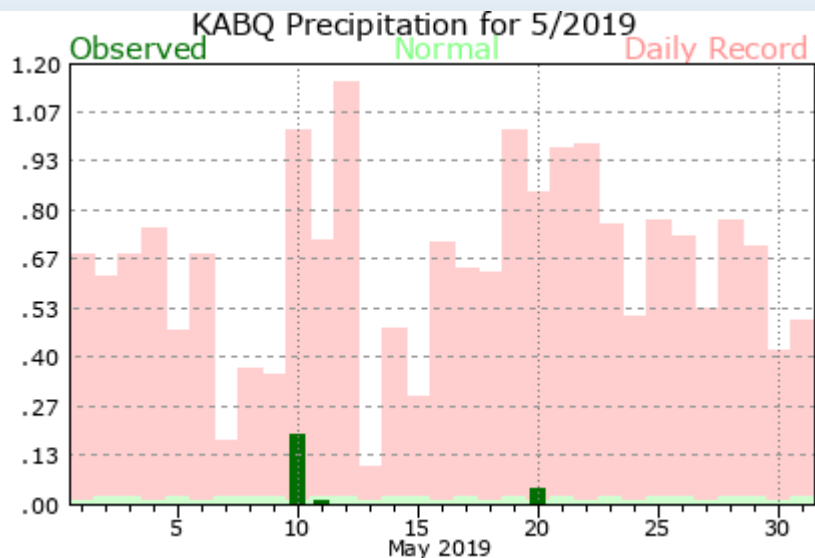
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Albuquerque Sunport

Clayton

Roswell



There was 0.24" of precipitation measured at the Sunport, compared to the normal of 0.50", or 0.26" below normal.

There was 1.85" of precipitation measured at Clayton, compared to the normal of 1.96", or 0.11" below normal.

There was 0.11" of precipitation measured at Roswell, compared to the normal of 1.25", or 1.14" below normal. This ranks as the 18th driest May on record (1893-2019).

May 2019 Climate Summary

Severe Weather*

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Albuquerque, NM

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Event Type	Begin Date	County/Zone Name	Magnitude	Type	Event Narrative
Hail	5/4/19	Curry	0.75"		Penny hail in Clovis.
Hail	5/5/19	Quay	1"		Quarter hail in Tucumcari.
Tstorm Wind	5/7/19	Bernalillo	51 kt	Gust	Virga bomb at the Sunport.
Hail	5/7/19	Harding	0.75"		Penny hail a few miles northwest of Rosebud.
Tstorm Wind	5/7/19	Valencia	56 kt	Gust	Virga bomb near Belen.
Hail	5/8/19	Roosevelt	0.75"		Penny hail around Portales.
Heavy Snow	5-8/9-19	E Slopes Sangre de Cristos		6-18"	Angel Fire area.
Winter Wx	5/9/19	Upper Rio Grande Valley		1-2"	Taos area.
Heavy Snow	5-8/10-19	N Sangre de Cristos		6-18"	Red River to TSV.
Heavy Snow	5-8/10-19	S Sangre de Cristos		6-10"	Cowles area.
Tornado	5/8/19	Lincoln		EF-0	Brief landspout near Nogal.
Tstorm Wind	5/14/19	Lincoln	56 kt	Gust	Roof blown off home near Alto.
High Wind	5/17/19	South Central Mts	50 kt	Gust	Smokey Bear RAWS.
High Wind	5/19/19	ABQ Metro	56 kt	Gust	Virga bomb over the Sunport.
Hail	5/20/19	Quay	1.75"		Golf ball hail along NM-278 near Tucumcari.
Hail	5/20/19	Quay	1.75"		Golf ball hail in Logan.
Hail	5/20/19	Quay	0.75"		Penny hail in Logan.
High Wind	5/20/19	South Central Mts	50 kt	Gust	Sierra Blanca airport.
High Wind	5/20/19	South Central Mts	36 kt	Sustained	Sierra Blanca airport.
Winter Wx	5/21/19	Far Northeast Highlands		2-5"	Raton area.
Winter Wx	5/21/19	Raton Ridge/Johnson Mesa		6"	Capulin area.
High Wind	5/21/19	Guadalupe	52 kt	Gust	Santa Rosa.
High Wind	5/21/19	Guadalupe	40 kt	Sustained	Santa Rosa.
High Wind	5/21/19	Quay	39 kt	Sustained	Tucumcari.
High Wind	5/21/19	Curry	58 kt	Gust	Clovis.
High Wind	5/21/19	Roosevelt	50 kt	Gust	Melrose RAWS.
High Wind	5/21/19	De Baca	50 kt	Gust	Columbia Scientific Balloon Facility.
High Wind	5/23/19	San Juan Mts	50 kt	Gust	Chama.

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High Wind	5/23/19	N Sangre de Cristos	65 kt	Gust	Kachina Peak.
High Wind	5/23/19	Upper Rio Grande Valley	50 kt	Gust	Taos airport.
High Wind	5/23/19	Upper Rio Grande Valley	41 kt	Sustained	Taos airport.
High Wind	5/23/19	Estancia Valley	53 kt	Gust	Estancia.
High Wind	5/23/19	Central Highlands	58 kt	Gust	Clines Corners.
High Wind	5/23/19	Far Northeast Highlands	39 kt	Sustained	Raton airport.
High Wind	5/23/19	Northeast Highlands	54 kt	Gust	Las Vegas.
High Wind	5/23/19	Northeast Highlands	41 kt	Sustained	Las Vegas.
Hail	5/25/19	Curry	0.88"		Nickel hail near Clovis.
Hail	5/25/19	Curry	1"		Quarter hail in Clovis.
Hail	5/23/19	Curry	0.88"		Nickel hail in Broadview.
Hail	5/23/19	Curry	1.25"		Half dollar hail near Ranchvale.
High Wind	5/26/19	Lower Rio Grande Valley	60 kt	Gust	WSMR.
Tstorm Wind	5/26/19	Lincoln	64 kt	Gust	Oscuro.
Tstorm Wind	5/26/19	Socorro	52 kt	Gust	WSMR.
Tstorm Wind	5/26/19	Bernalillo	50 kt	Gust	Double Eagle airport.
Tstorm Wind	5/26/19	Bernalillo	54 kt	Gust	ABQ Sunport.
Tstorm Wind	5/26/19	Bernalillo	52 kt	Gust	Tree branch down at Silver and 12th in ABQ.
Tstorm Wind	5/26/19	Valencia	52 kt	Gust	Los Lunas.
Tstorm Wind	5/26/19	Lincoln	52 kt	Gust	Sierra Blanca airport.
Hail	5/26/19	Union	0.75"		Penny hail near Capulin.
Hail	5/26/19	Union	0.88"		Nickel hail near Folsom.
High Wind	5/26/19	Santa Fe Metro	51 kt	Gust	Santa Fe airport.
High Wind	5/26/19	Central Highlands	69 kt	Gust	Clines Corners.
Tstorm Wind	5/26/19	Torrance	61 kt	Gust	McIntosh.
High Wind	5/26/19	Upper Rio Grande Valley	54 kt	Gust	Taos airport.
High Wind	5/26/19	Northeast Highlands	61 kt	Gust	Las Vegas.
High Wind	5/26/19	Southwest Chaves	52 kt	Gust	Dunken RAWS.
Hail	5/26/19	Harding	0.88"		Nickel hail in Mosquero.
Funnel Cloud	5/26/19	Union			Funnel cloud south of Mt Dora.

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Event Type	Begin Date	County/Zone Name	Magnitude	Type	Event Narrative
Tornado	5/26/19	Union		EF-0	Tornado along U.S. 56 south of Mt Dora.
Tornado	5/26/19	Union		EF-0	Tornado southwest of Clayton.
Tstorm Wind	5/26/19	De Baca	57 kt	Gust	Damage to residences in Ft Sumner.
Hail	5/26/19	Union	1.5"		Ping pong hail along U.S. 56 south of Mt Dora.
Hail	5/26/19	Union	3"		Giant hail along U.S. 56 southwest of Clayton.
Tstorm Wind	5/26/19	Quay	61 kt	Gust	Roof blown off barn south of Tucumcari.
Tstorm Wind	5/26/19	De Baca	65 kt	Gust	Two power lines down north of Ft Sumner.
Hail	5/26/19	Union	1"		Quarter hail reported at Clayton Lake.
Tstorm Wind	5/26/19	Quay	57 kt	Gust	Tucumcari.
Tstorm Wind	5/26/19	Guadalupe	60 kt	Gust	Santa Rosa.
Tstorm Wind	5/26/19	Curry	52 kt	Gust	Melrose.
Hail	5/26/19	Curry	0.88"		Nickel hail in Melrose.
Hail	5/26/19	Union	0.88"		Nickel hail one mile west of Clayton.
Tstorm Wind	5/26/19	Quay	50 kt	Gust	Logan.
Hail	5/26/19	Curry	0.75"		Penny hail northwest of Pleasant Hill.
Hail	5/26/19	Quay	1"		Quarter hail near Wheatland.
Tornado	5/26/19	Chaves		EF-0	Tornado extreme east-central Chaves.
Tornado	5/26/19	Roosevelt		EF-0	Brief tornado southwest of Pep.
Tstorm Wind	5/26/19	Quay	61 kt	Gust	Wind damage near Bard.
Tornado	5/26/19	Roosevelt		EF-2	Tornado near Dora.
Tornado	5/26/19	Roosevelt		EF-0	Tornado near TX state line.
High Wind	5/27/19	Central Highlands	52 kt	Gust	Clines Corners.
High Wind	5/27/19	South Central Mts	52 kt	Gust	Sierra Blanca airport.
Funnel Cloud	5/26/19	Curry			Pleasant Hill.
Hail	5/26/19	Roosevelt	2.75"		Baseball hail near Dora.
Tornado	5/30/19	McKinley		EF-0	Landspout tornado near Crownpoint.
Tstorm Wind	5/30/19	Cibola	51 kt	Gust	I-40 and NM-6
Tstorm Wind	5/30/19	Quay	51 kt	Gust	Tucumcari.
Tstorm Wind	5/30/19	Chaves	61 kt	Gust	Wind damage near Dexter.
Hail	5/30/19	Chaves	0.88"		Nickel hail near Dexter.

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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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