



Synopsis

June 2019 was slightly cooler than normal and the coolest June for the state since 2009. Mostly dry conditions prevailed over northern and western portions of New Mexico while spotty areas of above normal rainfall impacted southern and eastern areas of the state. Severe weather was very active throughout the month with numerous thunderstorms producing severe hail, high winds, and even a few tornados. Chaves County was particularly hard hit with severe hail reports around 2 inches in diameter with 70 mph winds and two tornados.



Hagerman, NM | June 2, 2019
Twitter: @JorgeTorres



Dexter | June 2, 2019
Melanie Keithley



Near Rosebud | June 13, 2019
Owen Willoughby



Near Encino | June 17, 2019
Courtesy of Mike Tyson

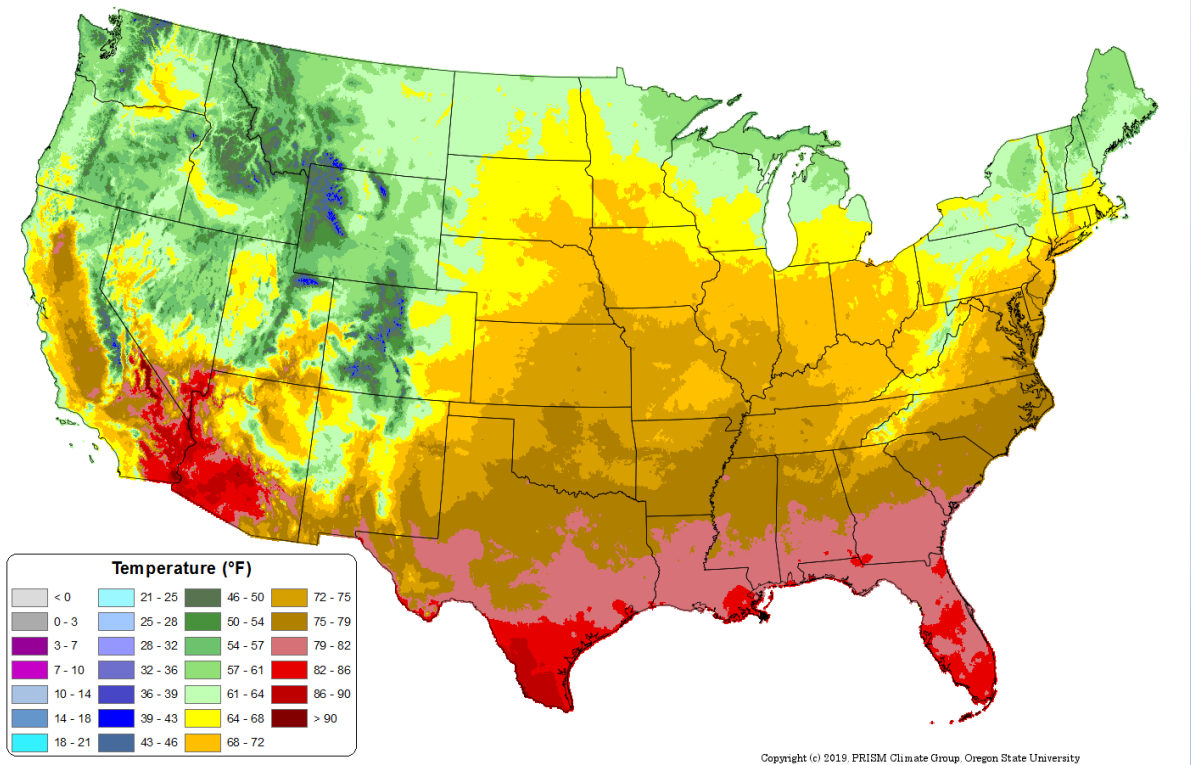
June 2019 Climate Summary

State Temperatures



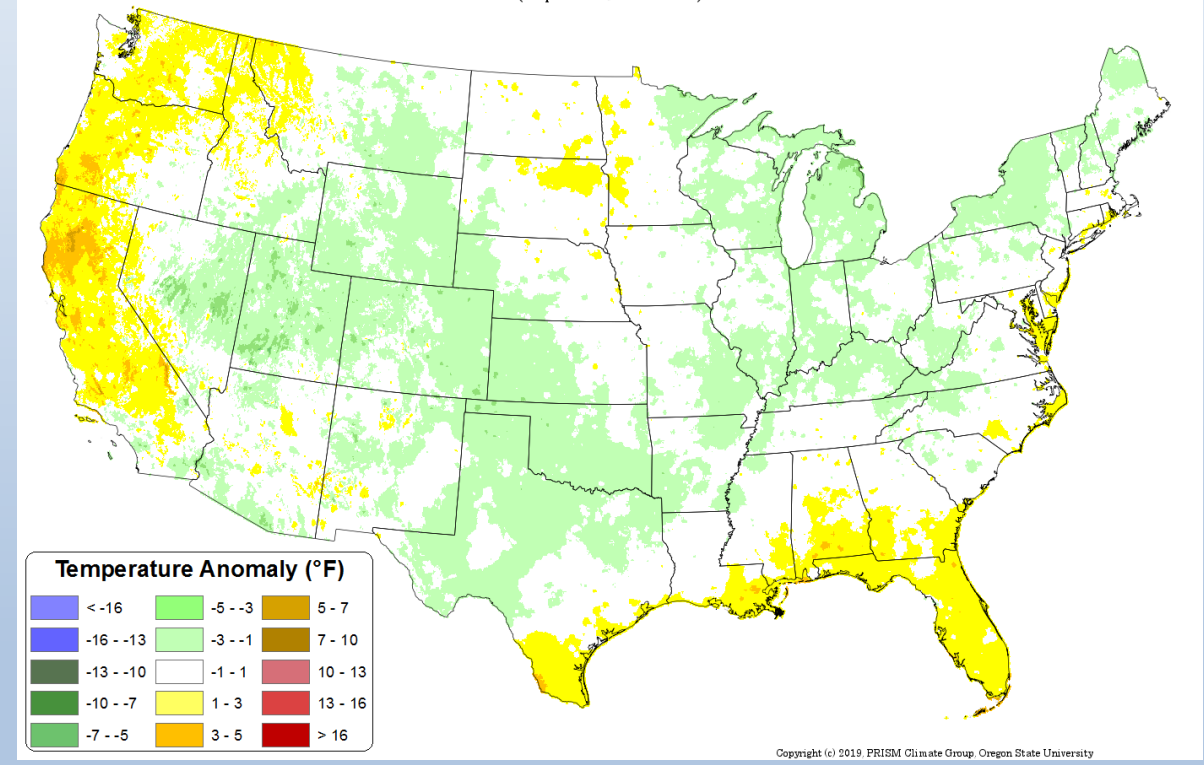
Actual

Average Daily Mean Temperature: Jun 2019
Period ending 7 AM EST 30 Jun 2019
(Map created 20 Nov 2019)



Anomaly

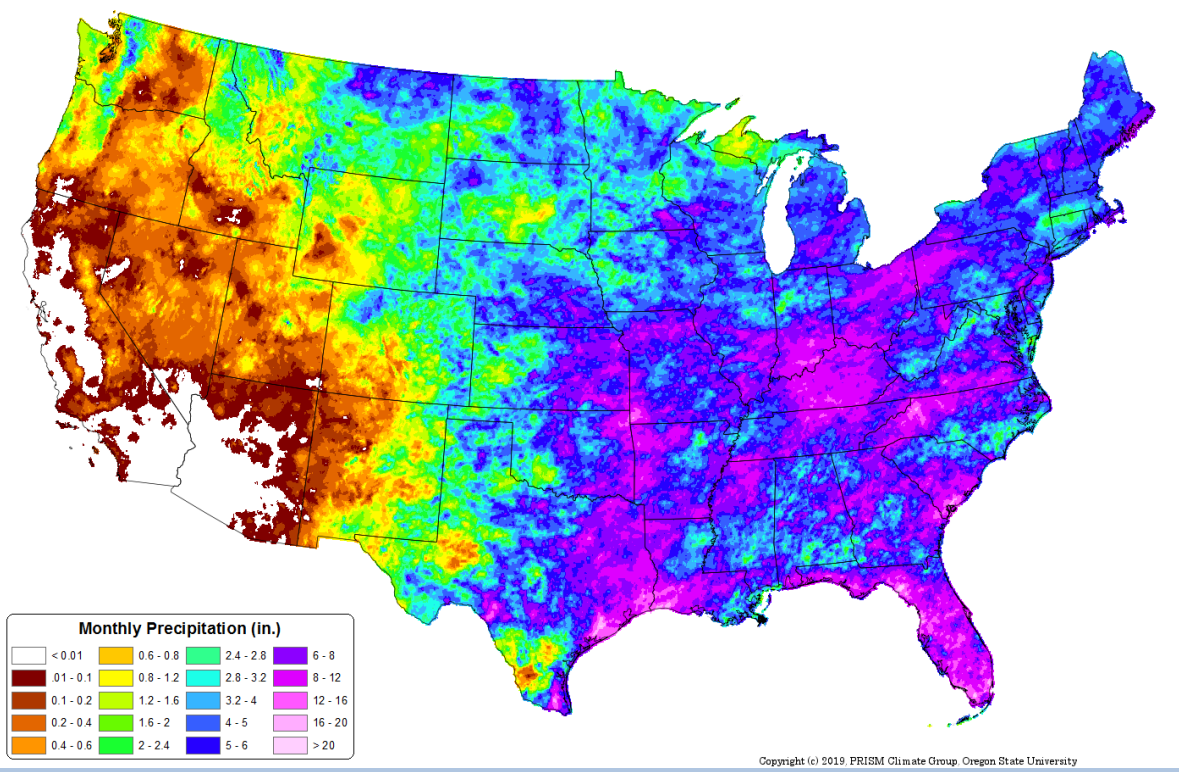
Daily Mean Temperature Anomaly: Jun 2019
Period ending 7 AM EST 30 Jun 2019
Base period: 1981-2010
(Map created 20 Nov 2019)





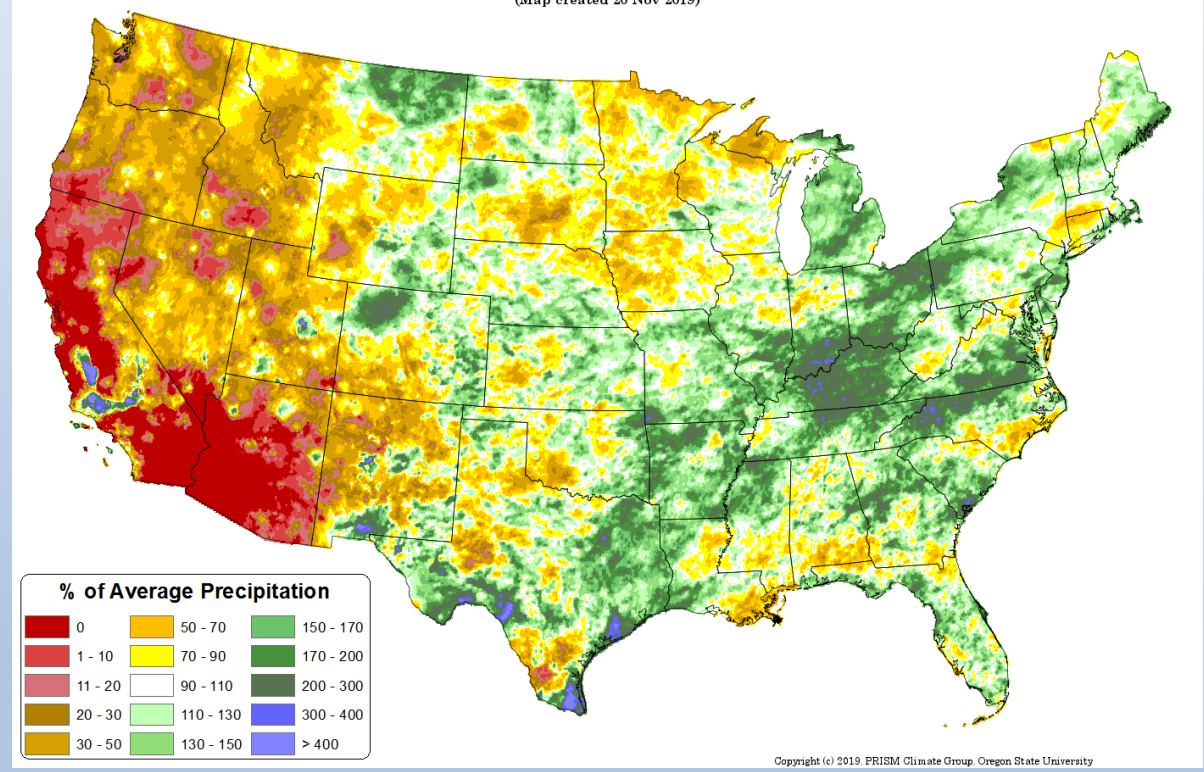
Actual

Total Precipitation: Jun 2019
Period ending 30 Jun 2019
(Map created 20 Nov 2019)



Anomaly

Total Precipitation Anomaly: Jun 2019
Period ending 30 Jun 2019
Base period: 1981-2010
(Map created 20 Nov 2019)



June 2019 Climate Summary

Statewide Temperature & Precipitation Trends

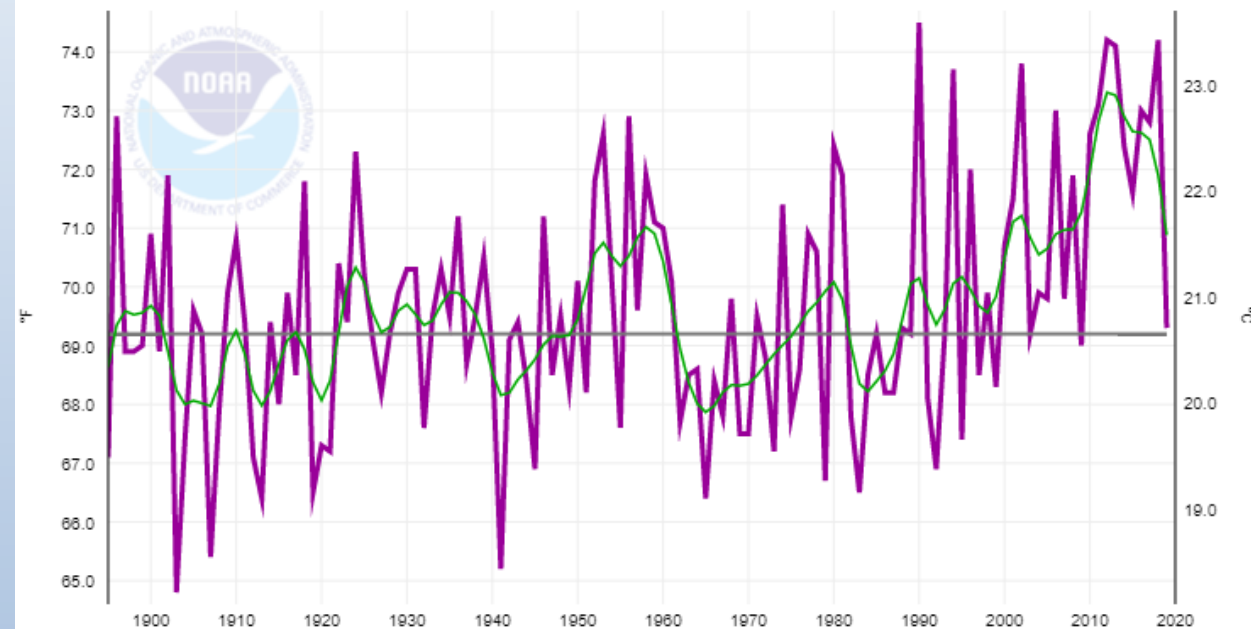
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Temperature

New Mexico, Average Temperature, June

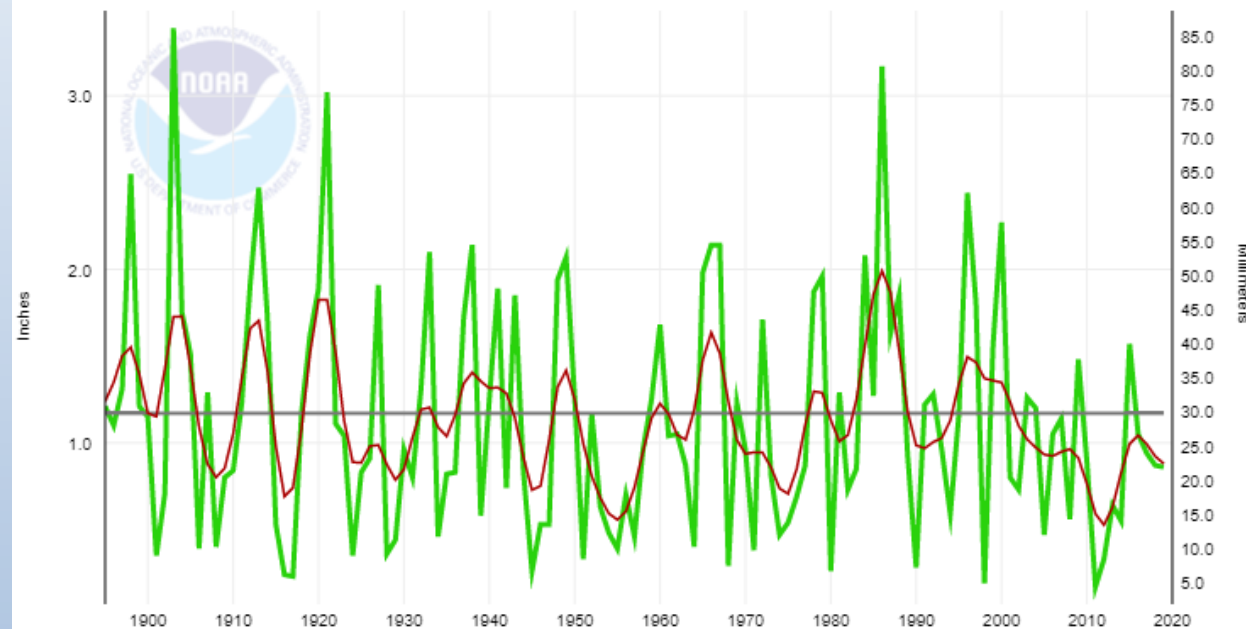
Avg Temperature 1901-2000 Mean: 69.2°F Binomial Filter



Precipitation

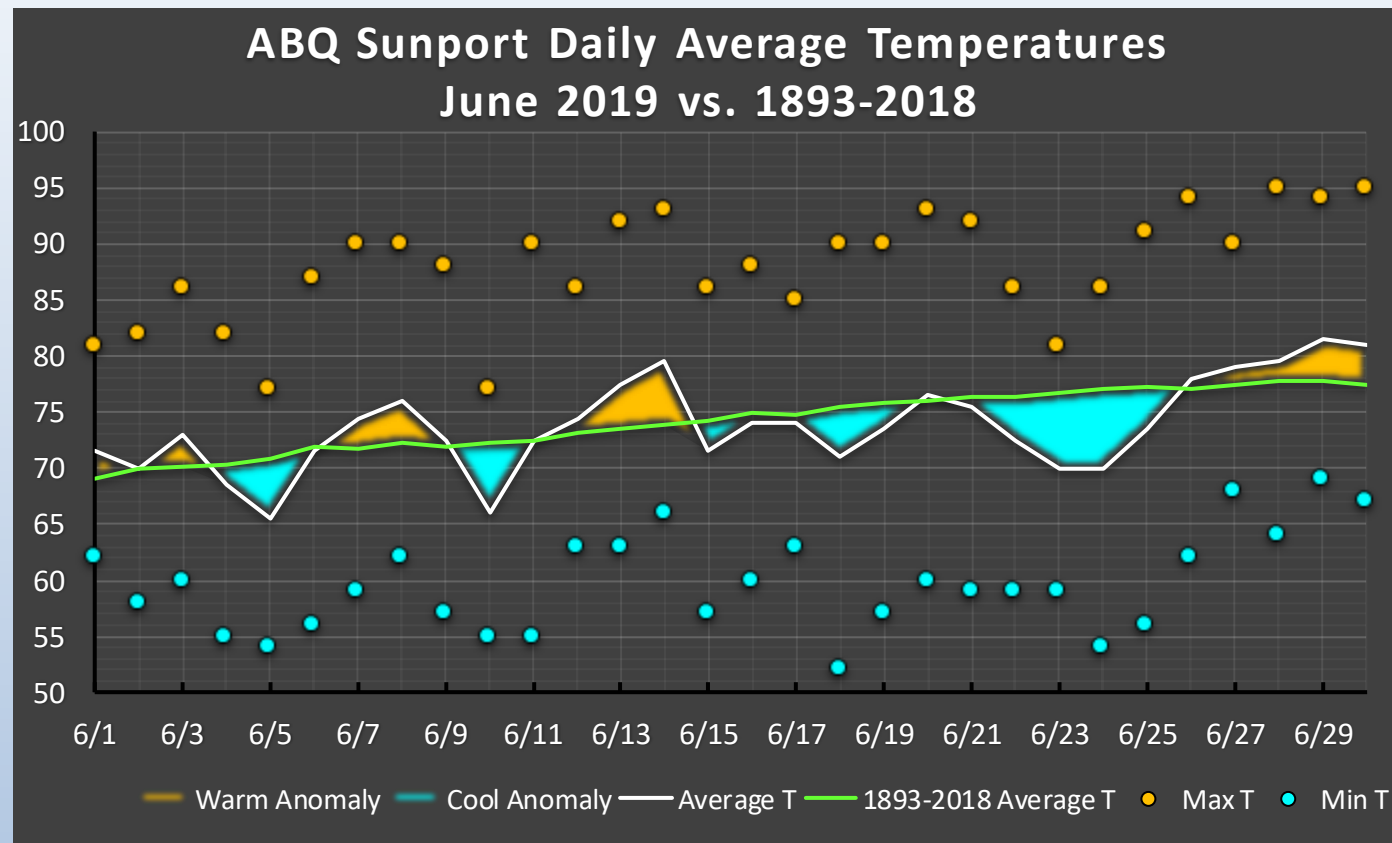
New Mexico, Precipitation, June

Precip 1901-2000 Mean: 1.17" Binomial Filter

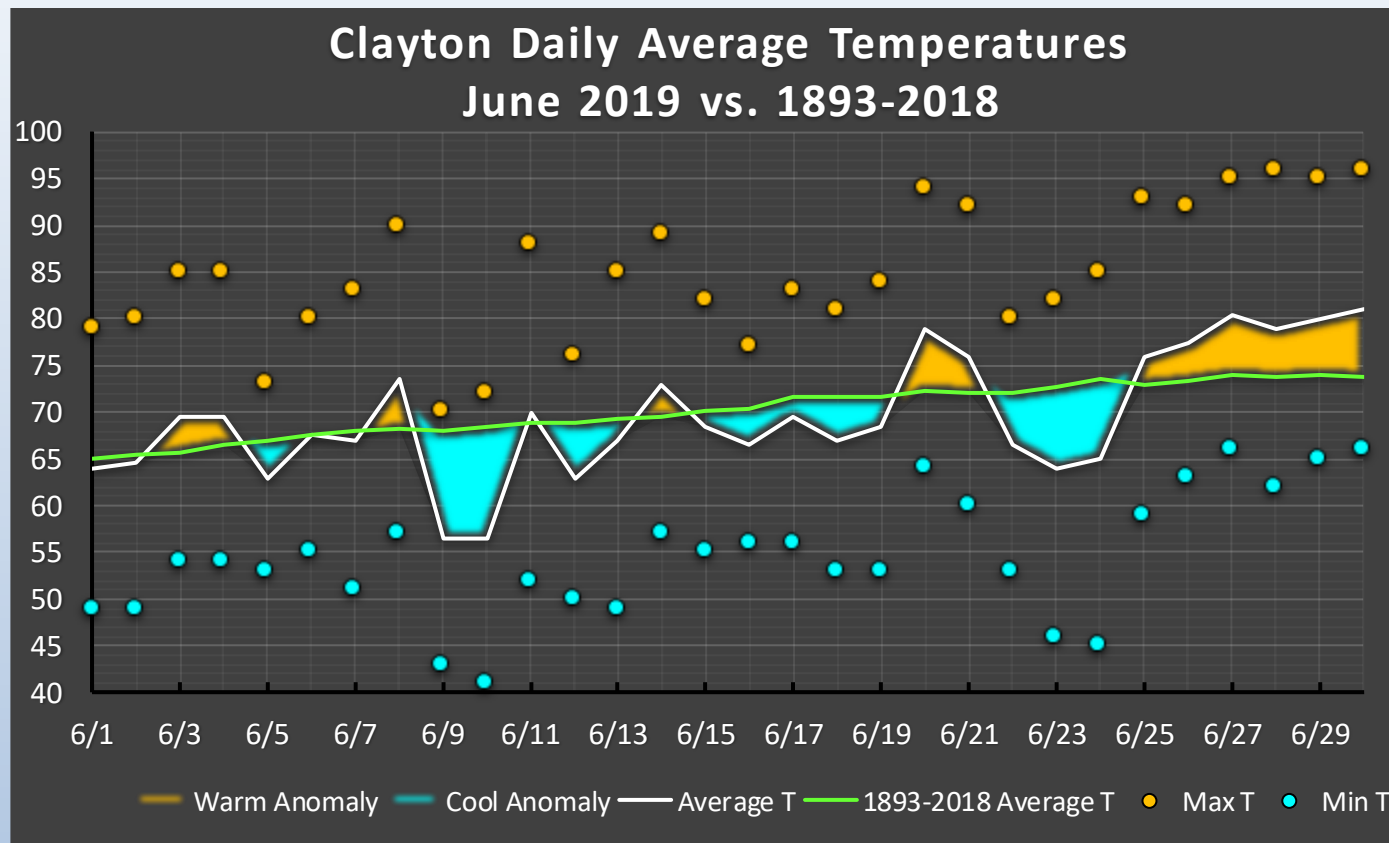


The average statewide temperature for June 2019 was 69.3° which was 0.1° above the long-term normal of 69.2° (1901-2000).

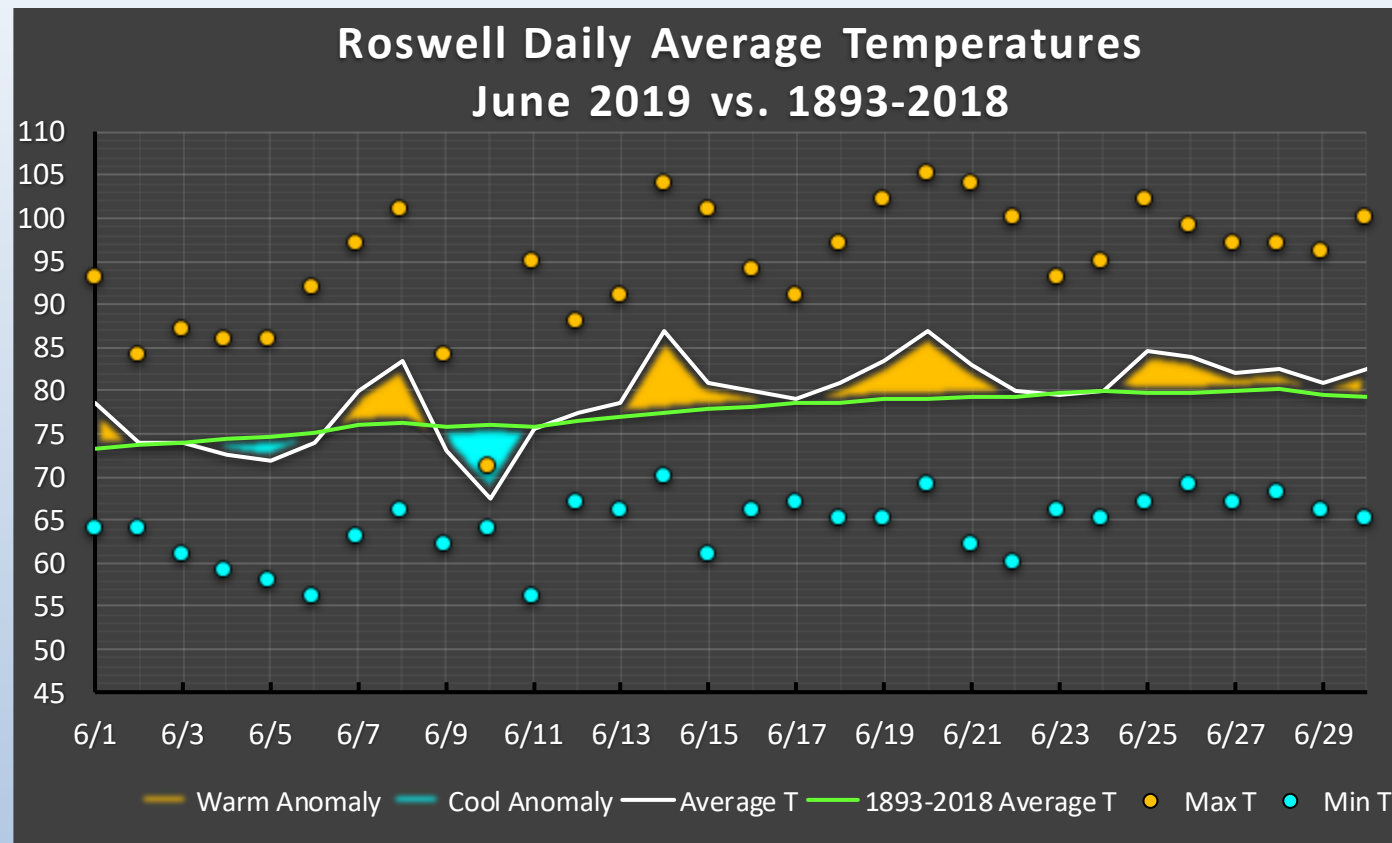
The average statewide precipitation for June 2019 was 0.86" which was 0.31" below the long-term normal of 1.17" (1901-2000).



The average temperature for Albuquerque was 73.8°, which was 1.1° below the normal of 74.9°. The average maximum temperature for the month was 87.9°. This was 0.4° below the normal average maximum temperature of 88.3°. The average minimum temperature for the month was 59.7°. This was 1.9° below the normal average minimum temperature of 61.6°.



The average temperature for Clayton was 69.6°, which was 0.8° below the normal of 70.4°. The average maximum temperature for the month was 84.7°. This was 0.1° above the normal average maximum temperature of 84.6°. The average minimum temperature for the month was 54.5°. This was 1.6° below the normal average minimum temperature of 56.1°.



The average temperature for Roswell was 79.3°, which was 1.1° above the normal of 78.2°. The average maximum temperature for the month was 94.4°. This was 1.2° above the average maximum temperature of 93.2°. The average minimum temperature for the month was 64.1°. This was 0.9° above the normal average minimum temperature of 63.2°. This ranks as the 31st warmest June on record (1893-2019).

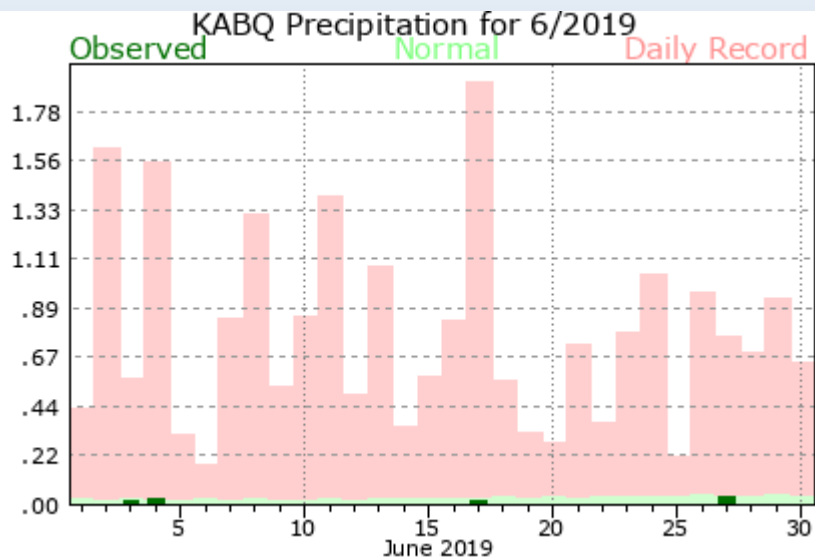
June 2019 Climate Summary

Precipitation – Climate Sites

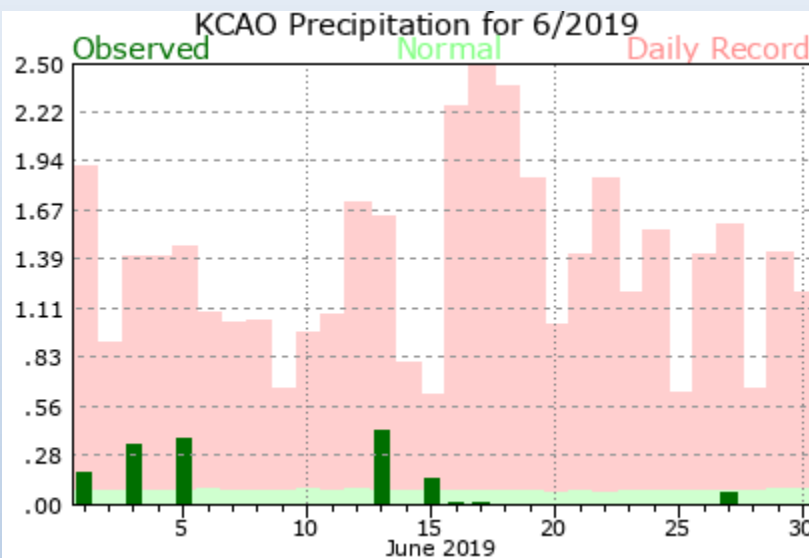
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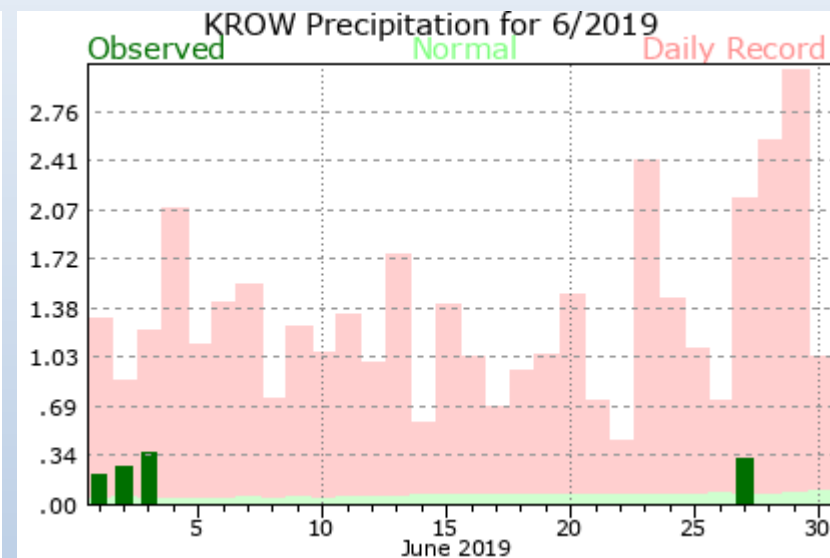
Albuquerque Sunport



Clayton



Roswell



There was 0.07" of precipitation measured at the Sunport, compared to the normal of 0.66", or 0.59" below normal. This ranks as the 24th driest June on record (1893-2019).

There was 1.52" of precipitation measured at Clayton, compared to the normal of 2.13", or 0.61" below normal.

There was 1.15" of precipitation measured at Roswell, compared to the normal of 1.73", or 0.58" below normal.

June 2019 Climate Summary

Severe Weather*

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Event Type	Date	County	Magnitude	Type	Event Narrative
Hail	6/1/19	Mora	1.25"		Half dollar hail in Guadalupita.
Hail	6/1/19	Santa Fe	1"		Quarter hail near Madrid.
Hail	6/1/19	Union	0.88"		Nickel hail in Clayton.
Hail	6/1/19	Union	1"		Quarter hail in Clayton.
Tstorm Wind	6/1/19	Socorro	52 kt	Gust	Peak wind gust up to 60 mph near San Acacia.
Hail	6/1/19	Union	1"		Quarter hail in Seneca.
Hail	6/1/19	Chaves	1"		Quarter hail west of Roswell.
Tstorm Wind	6/1/19	Curry	53 kt	Gust	High winds destroyed section of barn in Melrose.
Tstorm Wind	6/1/19	Curry	51 kt	Gust	Peak wind gusts of 59 mph near Cannon AFB.
Hail	6/1/19	Lincoln	1"		Quarter hail covered U.S. 380 near Picacho.
Hail	6/2/19	Rio Arriba	1"		Quarter hail in Chama.
Tornado	6/2/19	Torrance	EF-0		Tornado between Cedarvale and Duran.
Hail	6/2/19	Torrance	0.75"		Penny hail covering NM-3 near Duran.
Hail	6/2/19	Colfax	1"		Quarter hail at the Philmont Scout Ranch.
Hail	6/2/19	Valencia	0.75"		Penny size hail in Los Lunas.
Hail	6/2/19	Chaves	1.75"		Golf ball hail at Burnt Well Guest Ranch.
Hail	6/2/19	Valencia	1.5"		Ping pong ball hail on the east side of Los Lunas.
Hail	6/2/19	Colfax	0.88"		Nickel size hail in Maxwell.
Hail	6/2/19	Bernalillo	1.75"		Golf ball hail near Ponderosa.
Hail	6/2/19	Bernalillo	1.5"		Half dollar hail south-southeast of Tijeras.
Hail	6/2/19	Santa Fe	1"		Quarter size hail in Santa Fe.
Hail	6/2/19	Santa Fe	1"		Quarter hail near Edgewood.
Hail	6/2/19	Bernalillo	1.75"		Golf ball hail near Sedillo Hill.
Hail	6/2/19	Bernalillo	1.5"		Half dollar hail reported near Sedillo.
Hail	6/2/19	Santa Fe	1"		Quarter size hail near Los Cerrillos.
Hail	6/2/19	Chaves	2"		Two inch diameter hail at U.S. 285 and NM-559.
Hail	6/2/19	Bernalillo	0.75"		Penny hail a few miles east of Sandia Park.
Hail	6/2/19	Colfax	1"		Quarter hail at the Philmont Scout Ranch.

*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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Tstorm Wind	6/2/19	Santa Fe	56 kt	Gust	Peak wind gust up to 65 mph near Santa Fe.
Funnel Cloud	6/2/19	Santa Fe			Santa Fe.
High Wind	6/3/19	Colfax	59 kt	Gust	Peak wind gust up to 68 mph at the Raton airport.
Hail	6/3/19	Lincoln	1.25"		Half dollar size hail reported near Picacho.
Hail	6/3/19	Union	0.88"		Nickel hail several miles northeast of Gladstone.
Tstorm Wind	6/3/19	Valencia	59 kt	Gust	Los Lunas Data Center peak wind gust to 68 mph.
Hail	6/3/19	Colfax	2"		Two inch diameter hail reported near Farley.
Hail	6/3/19	Chaves	1"		Quarter size hail several miles west of Dexter.
Tstorm Wind	6/3/19	Chaves	61 kt	Gust	Peak winds up to 70 mph near Hagerman.
Tstorm Wind	6/3/19	Chaves	61 kt	Gust	Shed destroyed near Hagerman.
Hail	6/4/19	Lincoln	0.88"		Nickel hail reported near Bonito Lake.
Hail	6/4/19	Lincoln	1"		Quarter hail was reported northeast of Bonito Lake.
Hail	6/4/19	Chaves	1.5"		Ping pong ball hail near Elk.
Hail	6/4/19	Chaves	1.25"		Half dollar hail covered U.S. 82.
Hail	6/4/19	Chaves	1.5"		Ping pong ball hail several miles northeast of Dunken.
Hail	6/4/19	Chaves	2"		Two inch diameter hail a few miles north of Dunken.
Hail	6/5/19	Harding	0.75"		Penny hail reported 22 miles east-northeast of Roy.
Hail	6/5/19	Roosevelt	0.88"		Nickel hail a few miles southwest of Portales.
Hail	6/5/19	Roosevelt	0.88"		Nickel hail a few miles southwest of Portales.
Tstorm Wind	6/5/19	Curry	57 kt	Gust	Peak wind gust up to 66 mph reported at Cannon AFB.
Tstorm Wind	6/5/19	Curry	51 kt	Gust	Peak wind gust up to 59 mph at the Clovis airport.
Tstorm Wind	6/7/19	Union	52 kt	Gust	Peak wind gust up to 60 mph in Capulin.
Tornado	6/3/19	Chaves			Rain-wrapped tornado several miles west of Hagerman.
High Wind	6/9/19	Curry	40 kt	Sustained	Sustained winds up to 46 mph around Clovis.
Hail	6/13/19	Socorro	1"		Quarter size hail on I-25 near Bosque del Apache.
Hail	6/13/19	Chaves	0.88"		Nickel hail several miles northeast of Dunken.

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Event Type	Date	County	Magnitude	Type	Event Narrative
Hail	6/13/19	Harding	1"		Quarter hail reported several miles south of Bueyeros.
Hail	6/13/19	Harding	1.75"		Golf ball hail a few miles west of Rosebud.
Hail	6/13/19	Harding	1.5"		Half dollar hail a few miles south of Rosebud.
Hail	6/13/19	Harding	1.5"		Half dollar hail south-southeast of Rosebud.
Hail	6/13/19	Harding	2"		Two inch diameter south of Rosebud.
Hail	6/13/19	Union	1"		Quarter hail in Clayton.
Hail	6/13/19	Union	0.75"		Penny size hail in Clayton.
Hail	6/13/19	Union	1"		Quarter size hail 10 miles north of Nara Visa.
Hail	6/15/19	Colfax	0.88"		Nickel hail in Raton.
Hail	6/17/19	Mora	0.75"		Penny hail around Mora and Cleveland.
Hail	6/17/19	San Miguel	1"		Quarter hail near Tierra Monte.
Hail	6/17/19	San Miguel	1"		Quarter hail near Villanueva.
Hail	6/17/19	Sandoval	0.88"		Nickel hail fell briefly in Rio Rancho.
Tornado	6/17/19	Torrance			near Encino.
Tstorm Wind	6/17/19	San Miguel	54 kt	Gust	Peak wind gust up to 62 mph near Tecolotito.
Hail	6/17/19	Curry	1"		Quarter size hail near Cannon AFB.
Hail	6/17/19	Guadalupe	0.75"		Penny size hail in Vaughn.
Hail	6/17/19	Harding	1"		Quarter size hail fell along NM-39 north of Tucumcari.
Tstorm Wind	6/17/19	Harding	52 kt	Gust	Peak wind gusts to 60 mph on NM-39 north of Tucumcari.
Hail	6/17/19	Quay	1"		Quarter hail in Nara Visa.
Hail	6/17/19	Curry	1.5"		Half dollar hail near Cannon AFB.
Flash Flood	6/17/19	Roosevelt			NM-202 closed due to flash flooding.
Hail	6/18/19	Santa Fe	1.25"		Half dollar hail around Espanola.
Dust Devil	6/21/19	Rio Arriba			Dust devil blew apart large tent at Guru Ram Das Puri.
Tstorm Wind	6/27/19	Roosevelt	53 kt	Gust	Portales airport peak wind gust up to 61 mph.
Tstorm Wind	6/27/19	Curry	52 kt	Gust	Peak wind gusts up to 60 mph reported in Clovis.
High Wind	6/29/19	McKinley	53 kt	Gust	Gallup airport peak downburst wind gust up to 61 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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