



Synopsis

April 2019 was much warmer than normal and slightly wetter than normal. Northern and western New Mexico was the most above normal with spotty areas of near normal temperatures across the south and east. Precipitation was mostly focused along the central mountain chain and within the Rio Grande Valley. It was typically windy in April with a widespread, significant wind event on the 10th. An observer in Curry County reported a peak wind gust up to 77 mph at Ned Houk State Park. Winter weather was limited during April with only a couple heavy snowfall events over the northern mountains. Isolated severe weather crept into the picture toward the end of the month.



Valles Caldera | March 30, 2019
Courtesy of Twitter @enchanted_wx



Just east of Clines Corners | Courtesy of @f6pilot



Storm near Clayton, NM | April 3, 2019
Courtesy of Katherine Barnes



Near Vaughn | April 25, 2019 Courtesy of Tim Baca

April 2019 Climate Summary

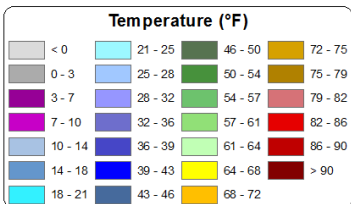
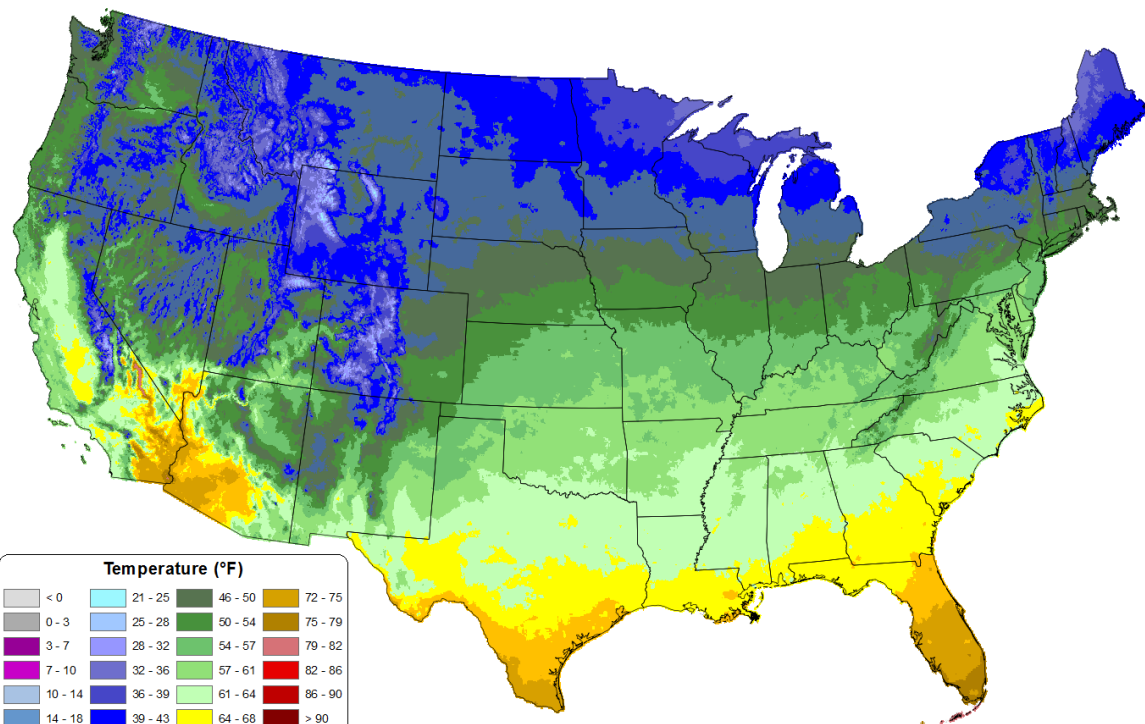
State Temperatures



Actual

Average Daily Mean Temperature: Apr 2019

Period ending 7 AM EST 30 Apr 2019
(Map created 31 Oct 2019)

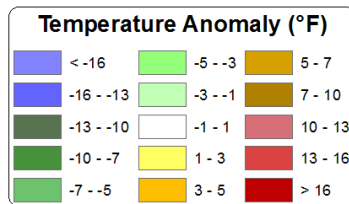
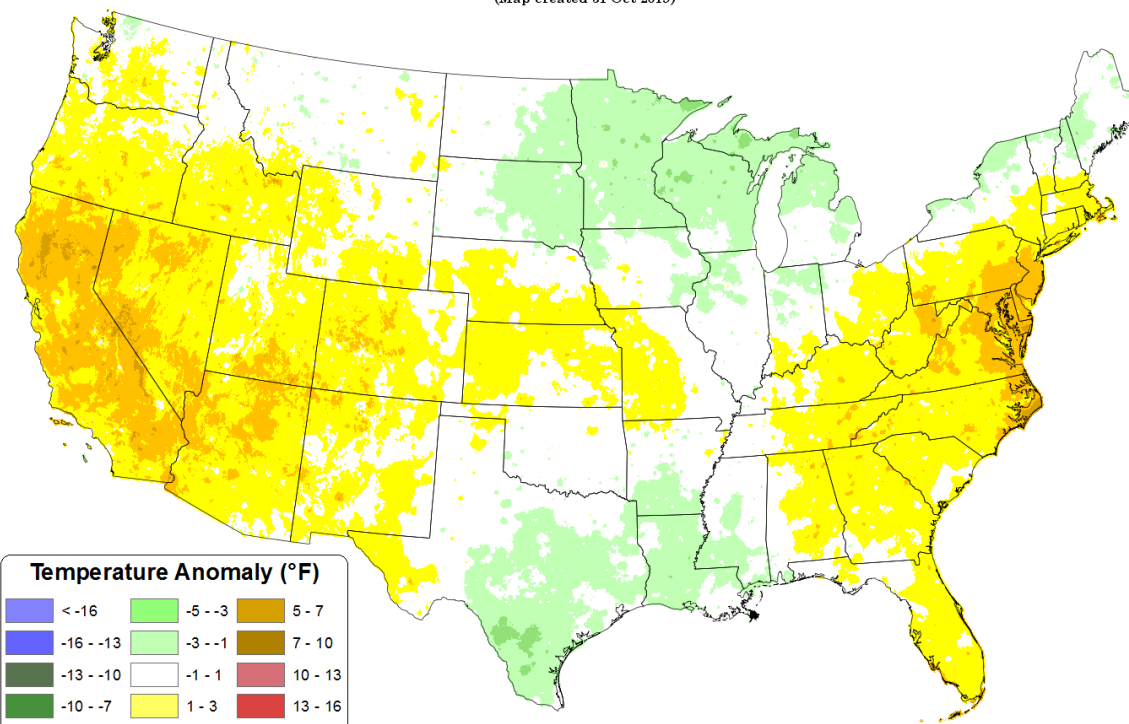


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Anomaly

Daily Mean Temperature Anomaly: Apr 2019

Period ending 7 AM EST 30 Apr 2019
Base period: 1981-2010
(Map created 31 Oct 2019)



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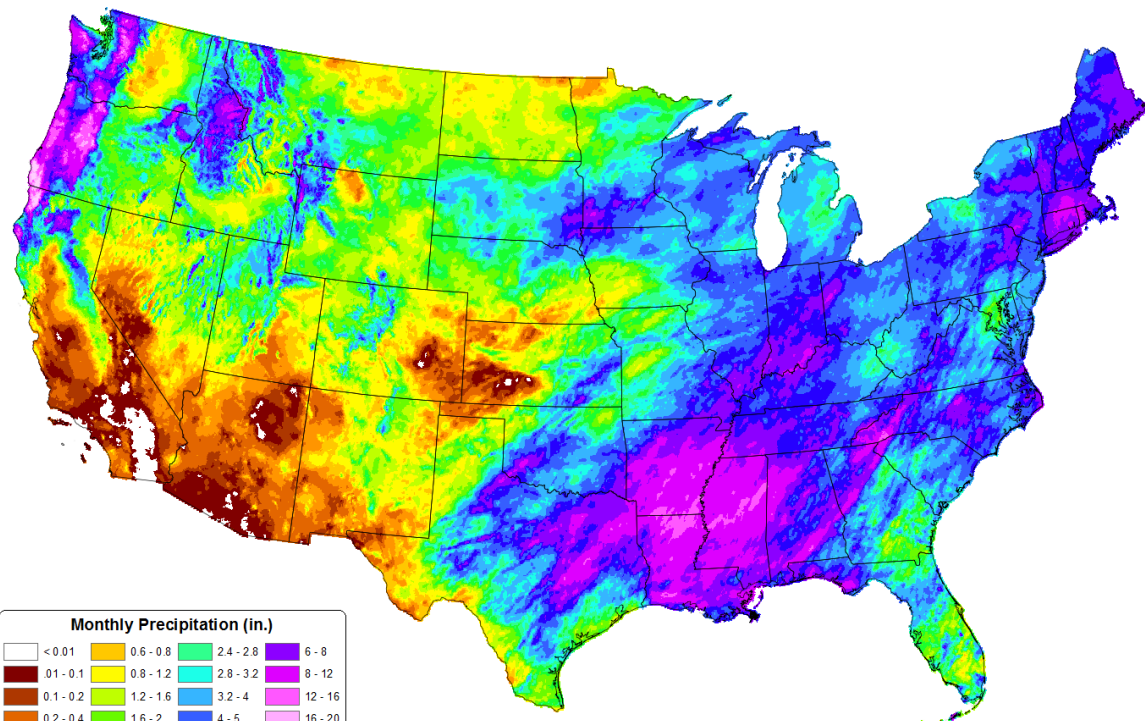
April 2019 Climate Summary

State Precipitation



Actual

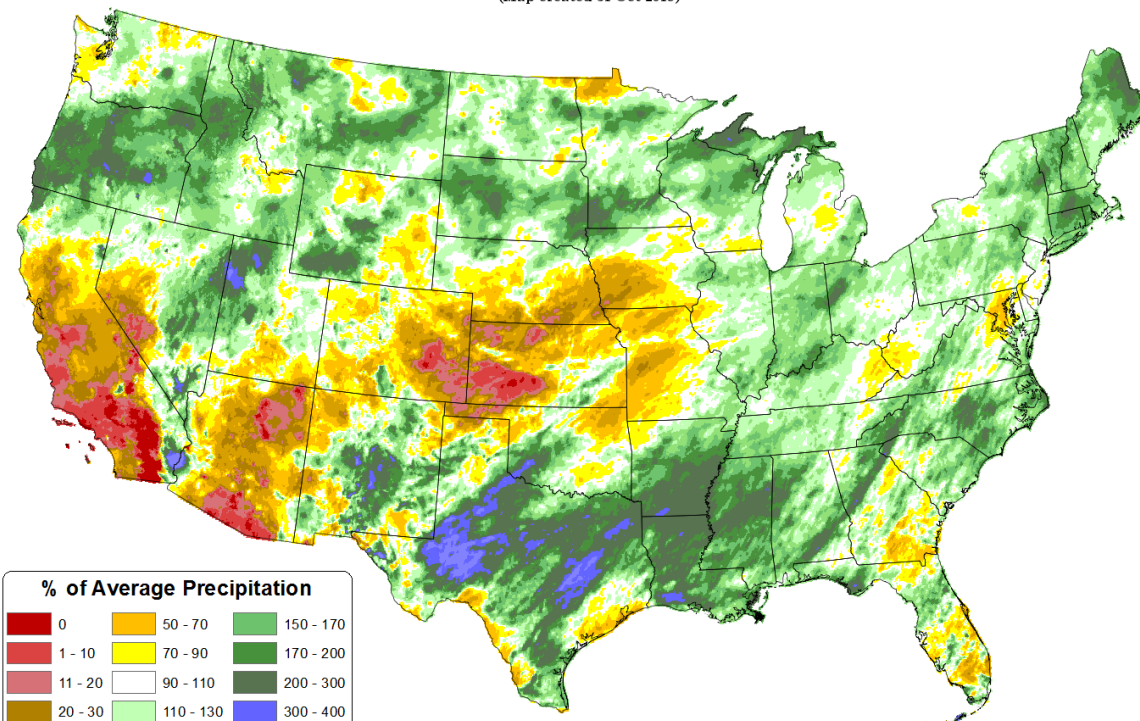
Total Precipitation: Apr 2019
Period ending 30 Apr 2019
(Map created 31 Oct 2019)



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Anomaly

Total Precipitation Anomaly: Apr 2019
Period ending 30 Apr 2019
Base period: 1981-2010
(Map created 31 Oct 2019)



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April 2019 Climate Summary

Statewide Temperature & Precipitation Trends

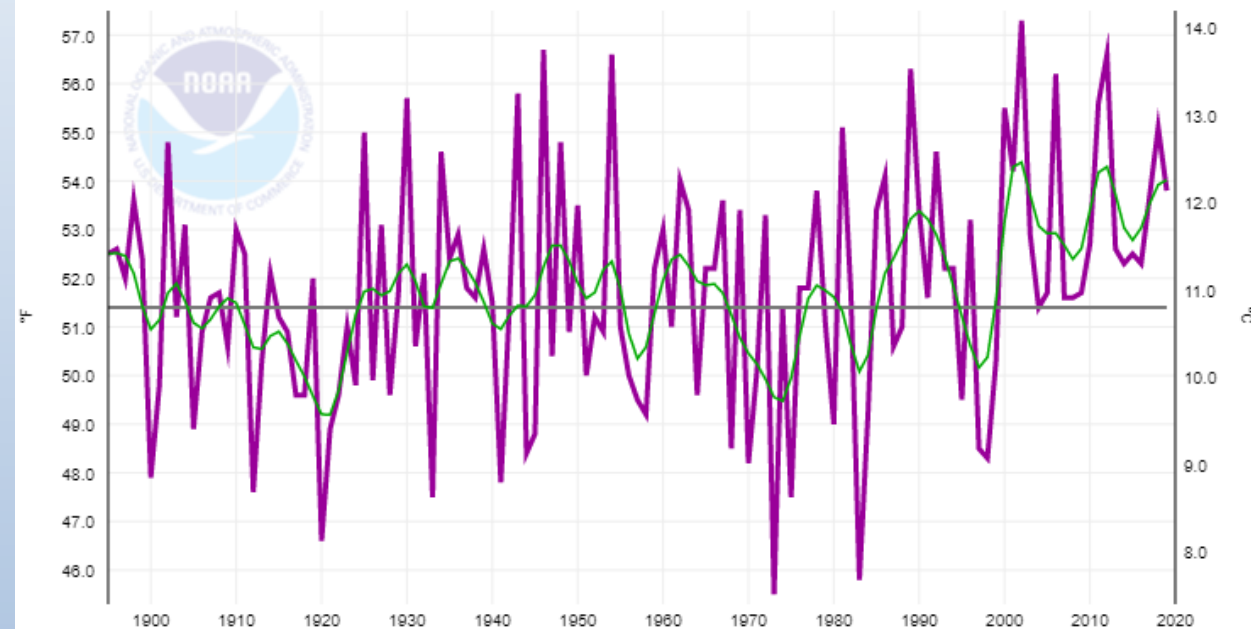
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Temperature

New Mexico, Average Temperature, April

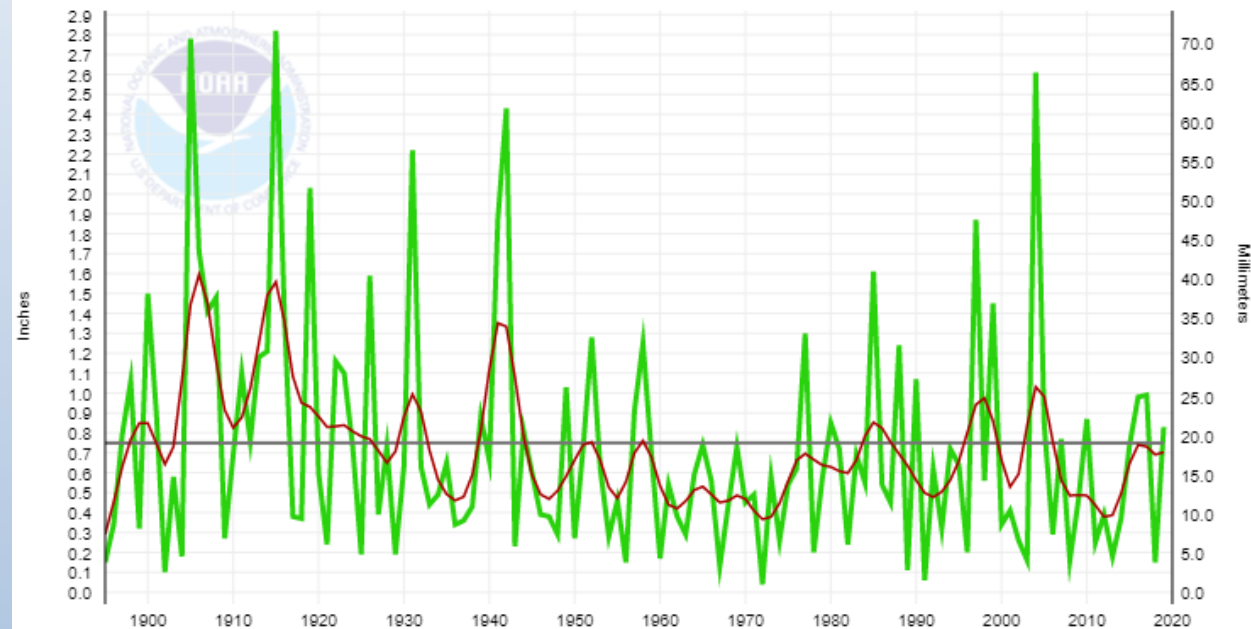
Avg Temperature 1901-2000 Mean: 51.4°F Binomial Filter



Precipitation

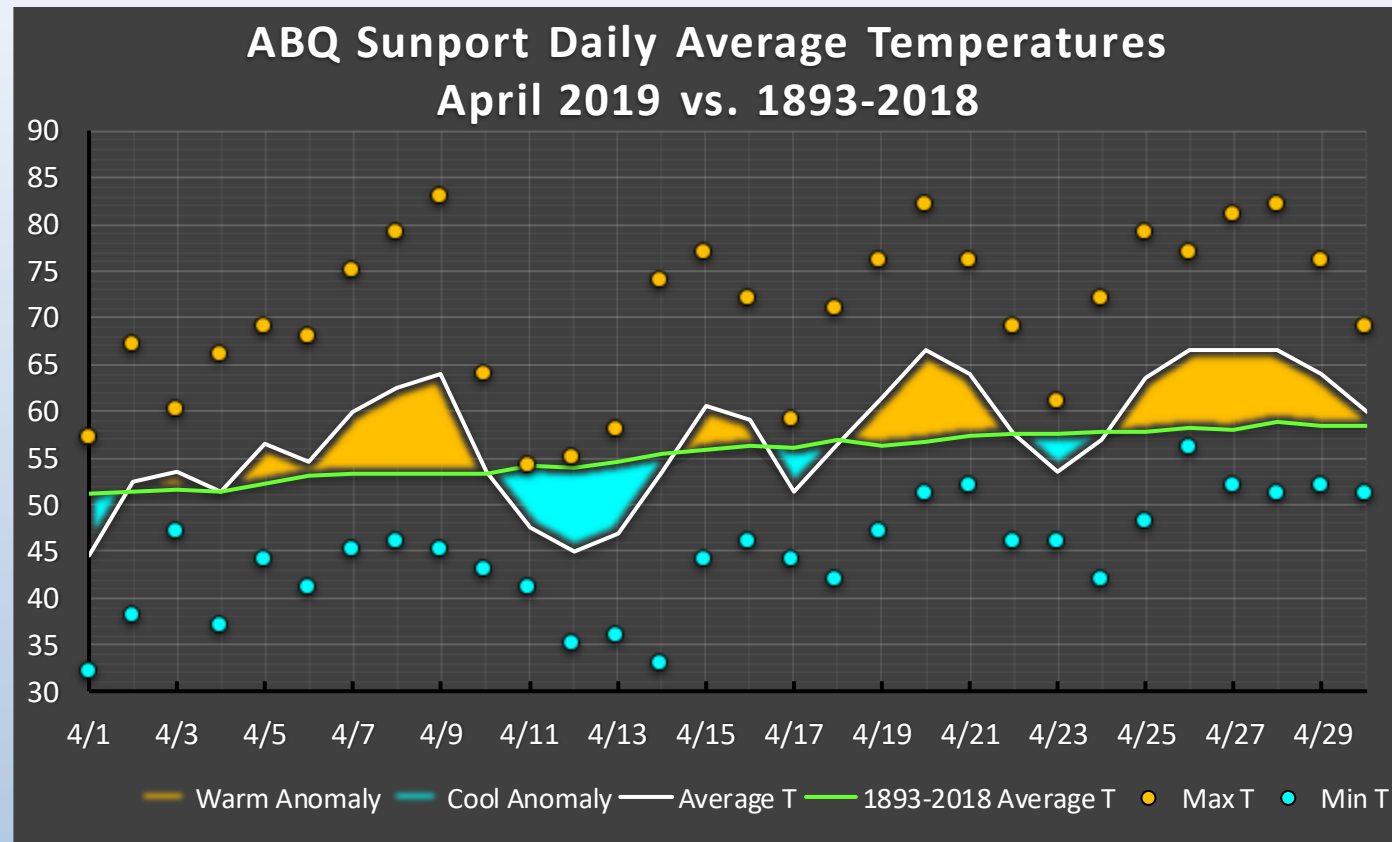
New Mexico, Precipitation, April

Precip 1901-2000 Mean: 0.75" Binomial Filter

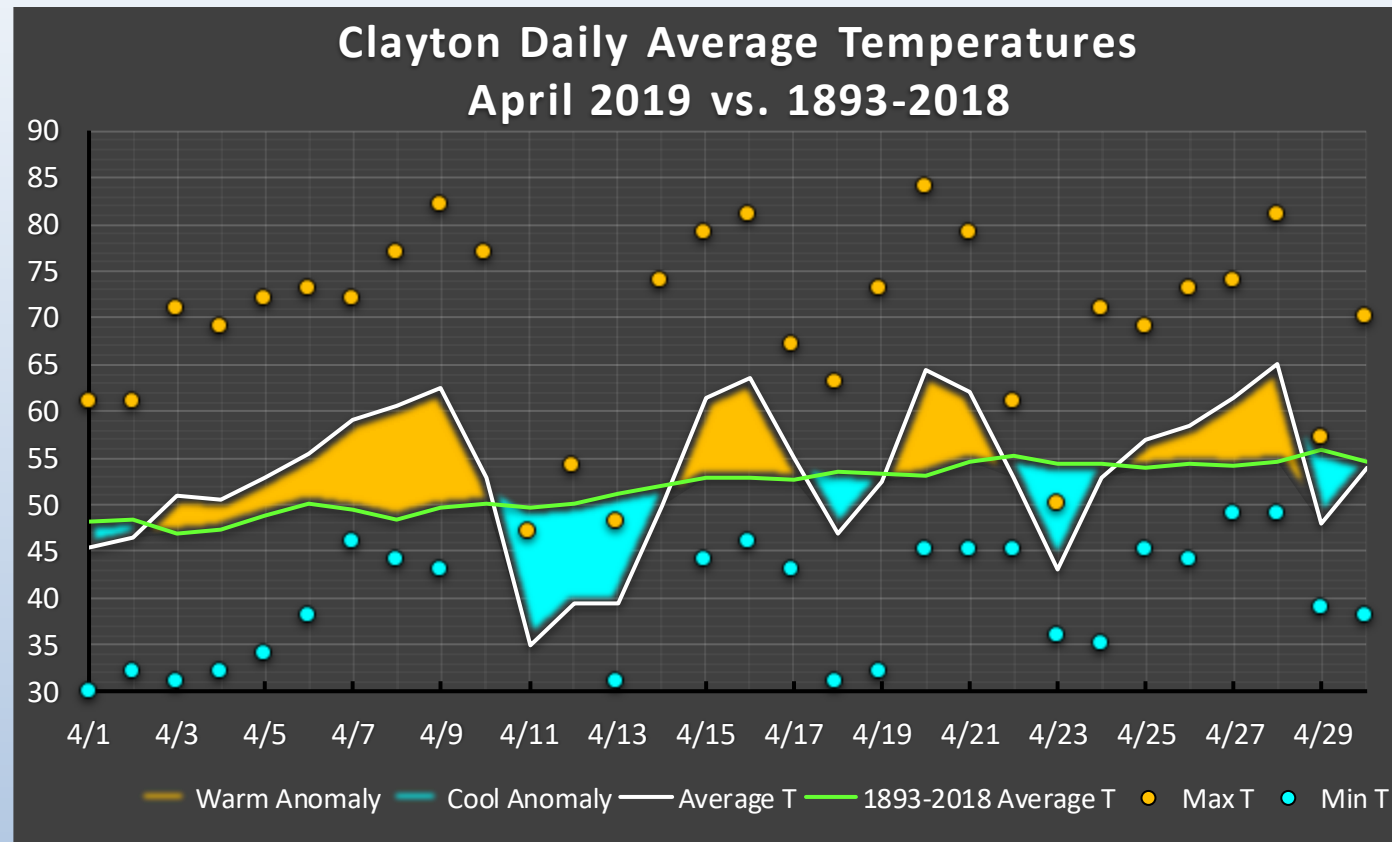


The average statewide temperature for April 2019 was 53.8° which was 2.4° above the long-term normal of 51.4° (1901-2000). This ranked as the 21st warmest April on record.

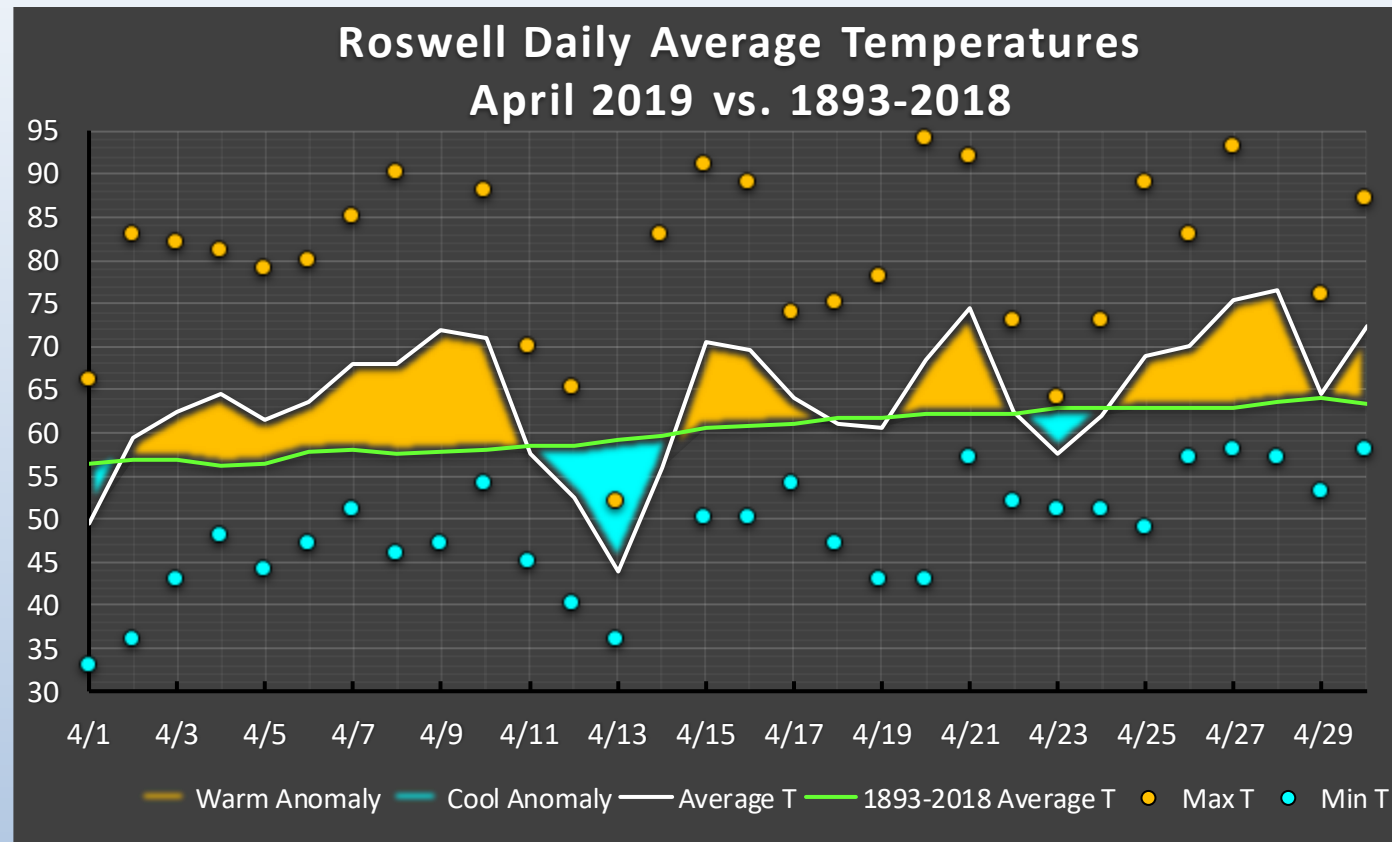
The average statewide precipitation for April 2019 was 0.83" which was 0.08" above the long-term normal of 0.75" (1901-2000). This ranked as the 37th wettest April on record.



The average temperature for Albuquerque was 57.4°, which was 1.4° above the normal of 56.0°. The average maximum temperature for the month was 70.3°. This was 1.3° above the normal average maximum temperature of 69.0°. The average minimum temperature for the month was 44.4°. This was 1.4° above the normal average minimum temperature of 43.0°. This ranks as the 28th warmest April on record (1893-2019).



The average temperature for Clayton was 53.3°, which was 0.9° above the normal of 52.4°. The average maximum temperature for the month was 69.0°. This was 2.0° above the normal average maximum temperature of 67.0°. The average minimum temperature for the month was 37.7°. This was equal to the normal average minimum temperature of 37.7°. This ranks as the 38th warmest April on record (1893-2019).



The average temperature for Roswell was 64.3°, which was 3.5° above the normal of 60.8°. The average maximum temperature for the month was 80.9°. This was 4.1° above the average maximum temperature of 76.8°. The average minimum temperature for the month was 47.6°. This was 2.9° above the normal average minimum temperature of 44.7°. This ranks as the 12th warmest April on record (1893-2019).

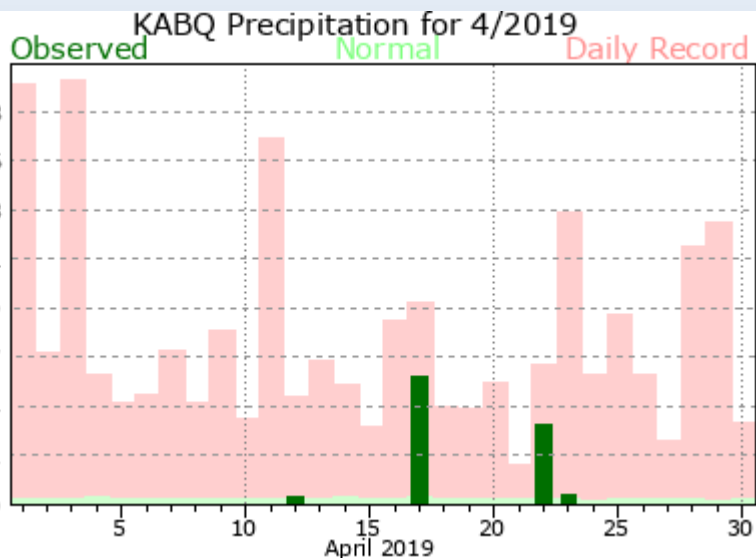
April 2019 Climate Summary

Precipitation – Climate Sites

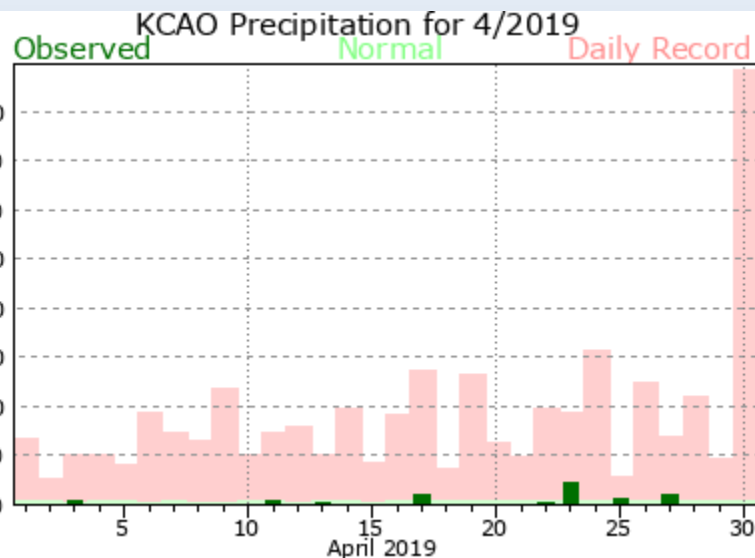
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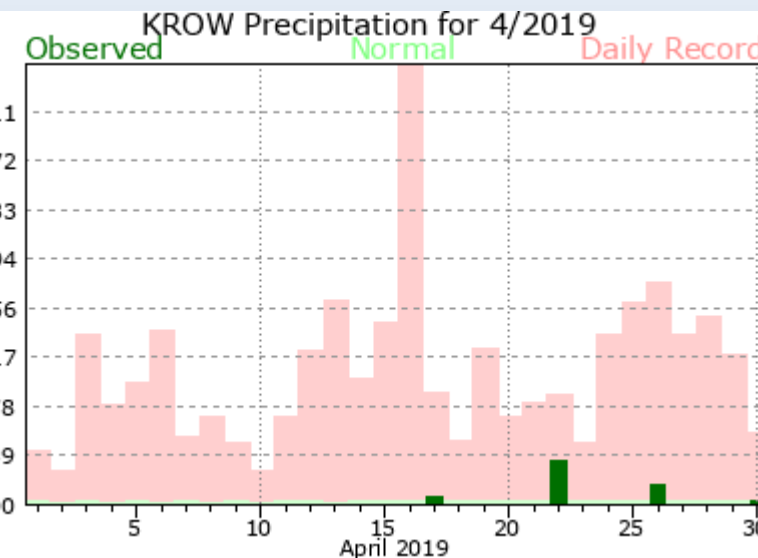
Albuquerque Sunport



Clayton



Roswell



There was 1.01" of precipitation measured at the Sunport, compared to the normal of 0.61", or 0.40" above normal. This ranks as the 19th wettest April on record (1893-2019).

There was 0.76" of precipitation measured at Clayton, compared to the normal of 0.94", or 0.18" below normal.

There was 0.56" of precipitation measured at Roswell, compared to the normal of 0.61", or 0.05" below normal.

April 2019 Climate Summary

Severe Weather*

Weather Forecast Office
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Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
Winter Wx	4-10/11-19	N Sangre de Cristo Mts	9-11"		TSV with wind gusts up to 70 mph.
High Wind	4/10/2019	W Central Highlands	43 kt	Sustained	I-40 and NM-6 sustained winds 40 to 49 mph.
High Wind	4/10/2019	W Central Highlands	56 kt	Gust	I-40 and NM-6 peak wind gust up to 65 mph.
High Wind	4/10/2019	Jemez Mts	55 kt	Gust	Los Alamos wind gusts up to 63 mph.
High Wind	4/10/2019	Santa Fe Metro Area	53 kt	Gust	Peak wind gust of 61 mph around Las Campanas.
High Wind	4/10/2019	ABQ Metro Area	53 kt	Gust	Peak wind gusts up to 60 mph at ABQ Sunport.
High Wind	4/10/2019	ABQ Metro Area	42 kt	Sustained	Sustained winds up to 48 mph at ABQ Sunport.
High Wind	4/10/2019	Lower Rio Grande Valley	58 kt	Gust	White Sands Missile Range peak wind 67 mph.
High Wind	4/10/2019	Sandia/Manzano Mts	43 kt	Sustained	Tajique sustained winds 40 to 50 mph.
High Wind	4/10/2019	Estancia Valley	53 kt	Gust	Stanley to Moriarty peak wind gusts around 60 mph.
High Wind	4/10/2019	Central Highlands	65 kt	Gust	Clines Corners peak wind gusts to 75 mph.
High Wind	4/10/2019	Central Highlands	45 kt	Sustained	Clines Corners sustained winds 40 to 52 mph.
High Wind	4/10/2019	S Central Highlands	62 kt	Gust	White Sands Missile Range peak wind gust to 70 mph.
High Wind	4/10/2019	Upper Tularosa Valley	53 kt	Gust	Carrizozo peak wind gusts up to 62 mph.
High Wind	4/10/2019	S Central Mts	65 kt	Gust	Ruidoso peak wind gusts up to 75 mph.
High Wind	4/10/2019	S Central Mts	43 kt	Sustained	Ruidoso sustained winds 40 to 50 mph.
High Wind	4/10/2019	Northeast Highlands	41 kt	Sustained	Las Vegas sustained winds 40 to 47 mph.
High Wind	4/10/2019	Union County	55 kt	Gust	Sedan peak wind gusts up to 63 mph.
High Wind	4/10/2019	E San Miguel County	43 kt	Sustained	Conchas Lake sustained winds 40 to 50 mph.
High Wind	4/10/2019	Guadalupe County	39 kt	Sustained	Santa Rosa sustained winds 40 to 45 mph.
High Wind	4/10/2019	Quay County	60 kt	Gust	Tucumcari airport peak wind up to 69 mph.
High Wind	4/10/2019	Quay County	45 kt	Sustained	Tucumcari airport sustained winds up to 52 mph.

*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/>

April 2019 Climate Summary

Severe Weather*








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Event Type	Date	County/Zone Name	Magnitude	Type	Event Narrative
High Wind	4/10/2019	Quay County	45 kt	Sustained	Tucumcari airport sustained winds up to 52 mph.
High Wind	4/10/2019	Curry County	67 kt	Gust	Ned Houk State Park peak wind gust up to 77 mph.
High Wind	4/10/2019	Curry County	46 kt	Sustained	Curry County sustained winds 40 to 53 mph.
High Wind	4/10/2019	Roosevelt County	58 kt	Gust	Dora peak wind gusts up to 67 mph.
High Wind	4/10/2019	Roosevelt County	46 kt	Sustained	Dora sustained winds 40 to 53 mph.
Wildfire	4/10/2019	Roosevelt County			Damaging wildfire near Floyd, NM.
High Wind	4/10/2019	De Baca County	58 kt	Gust	Columbia Scientific peak wind gusts up to 67 mph.
High Wind	4/10/2019	De Baca County	40 kt	Sustained	Columbia Scientific sustained winds up to 46 mph.
High Wind	4/10/2019	Chaves County Plains	53 kt	Gust	Roswell area peak wind gusts around 60 mph.
High Wind	4/10/2019	Chaves County Plains	43 kt	Sustained	Roswell area sustained winds up to 50 mph.
High Wind	4/10/2019	SW Chaves County	63 kt	Gust	Dunken peak wind gusts up to 72 mph.
High Wind	4/10/2019	SW Chaves County	40 kt	Sustained	Dunken sustained winds up to 46 mph.
Heavy Snow	4-12/13-19	S Sangre de Cristo Mts		15-18"	Wesner Springs.
High Wind	4/20/2019	Northwest Plateau	51 kt	Gust	Kirtland peak wind gust up to 59 mph.
High Wind	4/20/2019	Upper Rio Grande Valley	52 kt	Gust	Taos airport peak wind gust up to 60 mph.
Heavy Snow	4-22/23-19	N Sangre de Cristo Mts		6-12"	
Hail	4/25/2019	Torrance County	0.88"		3-4" of hail on I-40 near Clines Corners.
Hail	4/26/2019	Colfax County	1"		Quarter size hail near the Raton airport.
Hail	4/26/2019	Colfax County	0.88"		Nickel size hail along I-25 in Raton.
Tstorm Wind	4/26/2019	Torrance County	52 kt	Gust	Clines Corners peak wind gust of 60 mph.
Hail	4/30/2019	Chaves County	1"		Quarter size hail north side of 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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