

JULY 2019 WEATHER SUMMARY

RIVERSIDE FIRE WEATHER CENTER

PREDICTIVE SERVICES UNIT

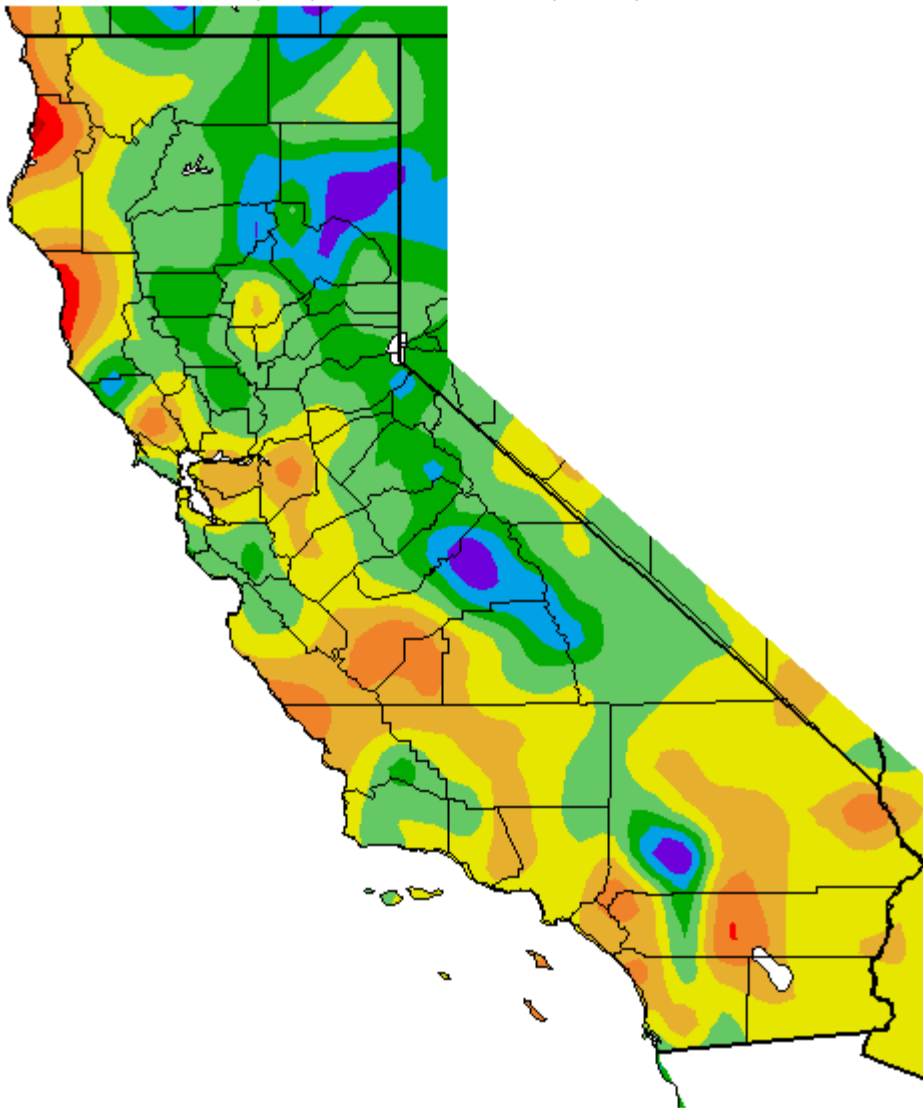
INTRODUCTION

A series of Pacific troughs and ridges of high pressure brought big temperature swings to the region in August. Monsoonal moisture brought isolated to scattered showers and thunderstorms mainly to the mountains and deserts July 22nd – July 26th. Otherwise, there was little or no rainfall across the region. General winds were mainly south to west all month. There were no significant offshore wind events during the month.

TEMPERATURES

A series of Pacific troughs brought below normal temperatures August 1st – August 10th, August 17th – August 20th, and August 29th through the end of the month. High pressure near the Four Corners Area brought near to above normal temperatures August 11th – August 16th and August 21st – August 28th. Temperatures in the valleys were mainly in the mid 90s to 110 with the ridges of high pressure and upper 70s to low 90s with the Pacific troughs. For the month, maximum temperatures averaged out to near normal. However, maximum temperatures ranged from 3 to 4 degrees below normal over some mountain locations in Fresno and San Bernardino Counties to 3 to 4 degrees above normal over some desert locations in Riverside County. For the most part, the entire region was within a degree of normal.

Av. Max. Temperature dep from Ave (deg F)
7/1/2019 – 7/30/2019



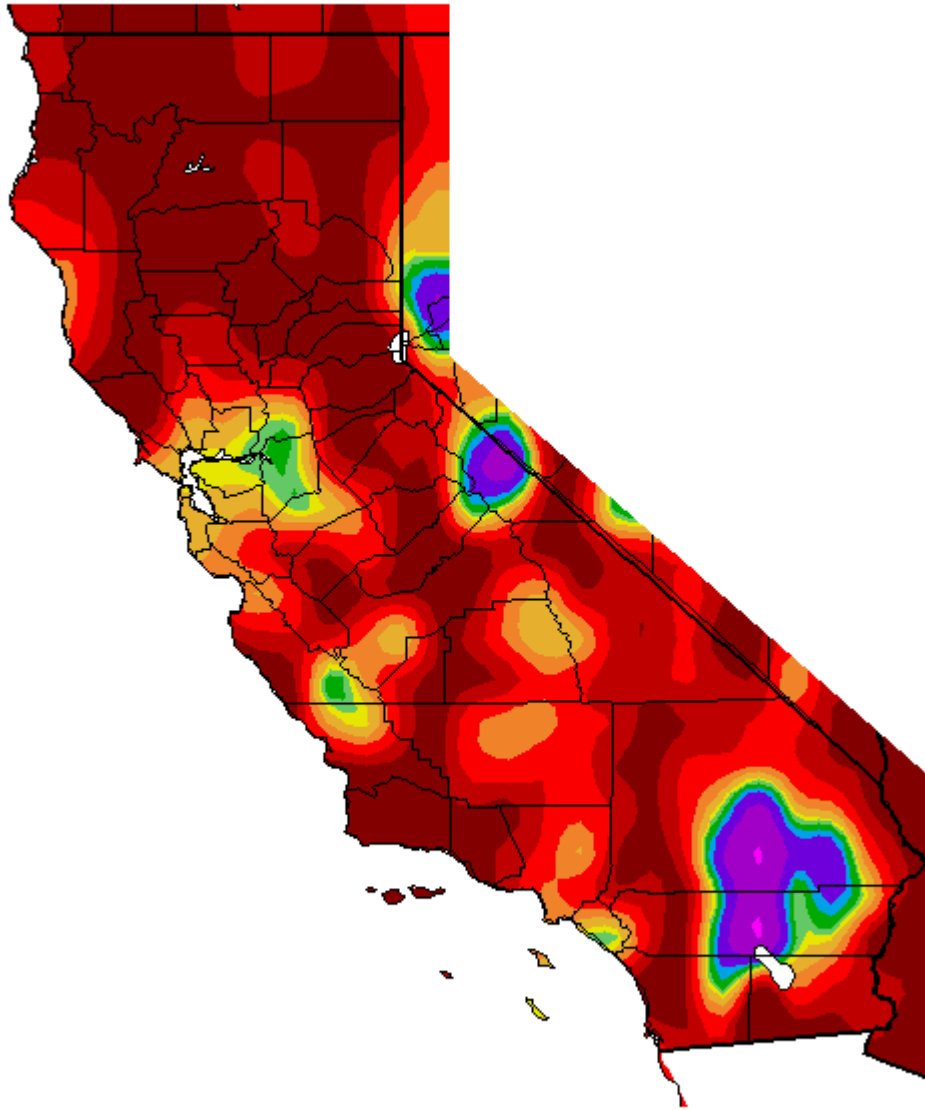
Generated 7/31/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

PRECIPITATION

South to southeast flow aloft brought isolated to scattered monsoonal showers and thunderstorms to Central California from the Sierra Crest eastward and to the mountains and deserts of Southern California July 22nd – July 26th. Some shower activity made it to the coastal and valley areas of Southern California during this time, but any accumulations were very light. Most

mountain and desert locations received between a quarter inch and an inch of rainfall. Elsewhere, there was little or no rainfall for the month. For the most part, the region received below normal rainfall. However, some desert locations along with Mono County received above normal rainfall.

Percent of Average Precipitation (%)
7/1/2019 – 7/30/2019



Generated 7/31/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

WINDS

General winds were mainly south to west all of July. South to west winds were mainly 10 to 20 mph in the afternoon. However, with the stronger troughs, south to west winds over some mountain and desert locations increased to 20 to 40 mph with gusts to 60 mph. There were no significant offshore wind events during the month.

FIRES

For July, according to the ICS-209, there were seven fires for a total of 2,028 acres. Four of the seven fires were considered large. No fire was over 1,000 acres. The largest fire was called the Gillis Fire and it burned 974 acres. It occurred in the mountains well east of Paso Robles in the Central Coast Interior PSA.

CONCLUSION

Overall, for much of the region, July received near normal temperatures and below normal rainfall. Winds were mainly south to west the entire month. There were no significant offshore wind events during the month.