

AUGUST 2019 WEATHER SUMMARY

RIVERSIDE FIRE WEATHER CENTER

PREDICTIVE SERVICES UNIT

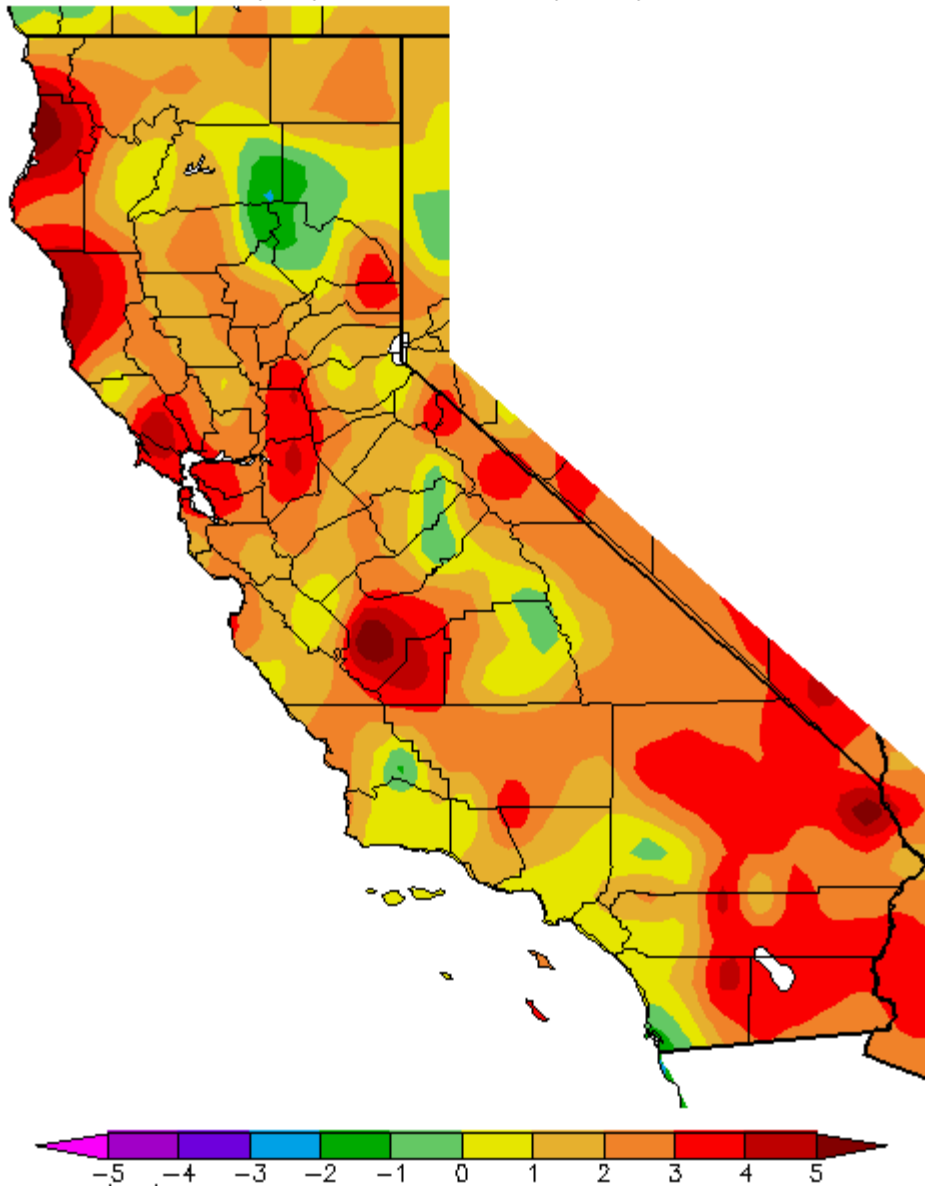
INTRODUCTION

A series of Pacific troughs and ridges of high pressure brought big temperature swings to the region in August. Monsoonal moisture brought isolated showers and thunderstorms mainly to the mountains and deserts August 6th – August 8th, but there was also isolated activity across the coastal and valley areas during this time. Moisture from the remnants of Ivo brought isolated afternoon thunderstorms to the Sierra Crest August 27th. Otherwise, there was 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 a little below normal temperatures August 7th – August 12th, August 16th – August 20th, August 22nd – August 23rd, and August 28th. High pressure over the Desert Southwest brought near to a little above normal temperatures August 1st – August 6th, August 13th – August 15th, August 21st, August 24th – August 27th, and August 29th through the end of the month. Temperatures in the valleys were mainly in the mid 90s to 105 with the ridges of high pressure and mid 80s to low 90s with the Pacific troughs. For the month, maximum temperatures averaged out to 1 to 3 degrees above normal. However, maximum temperatures ranged from 1 to 2 degrees below normal over some coastal locations in San Diego County to 5 to 6 degrees above normal over some valley locations in Fresno County. For the most part, almost the entire region received near to a little above normal temperatures.

Av. Max. Temperature dep from Ave (deg F)
8/1/2019 – 8/30/2019

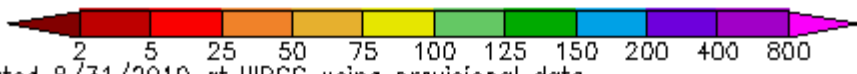
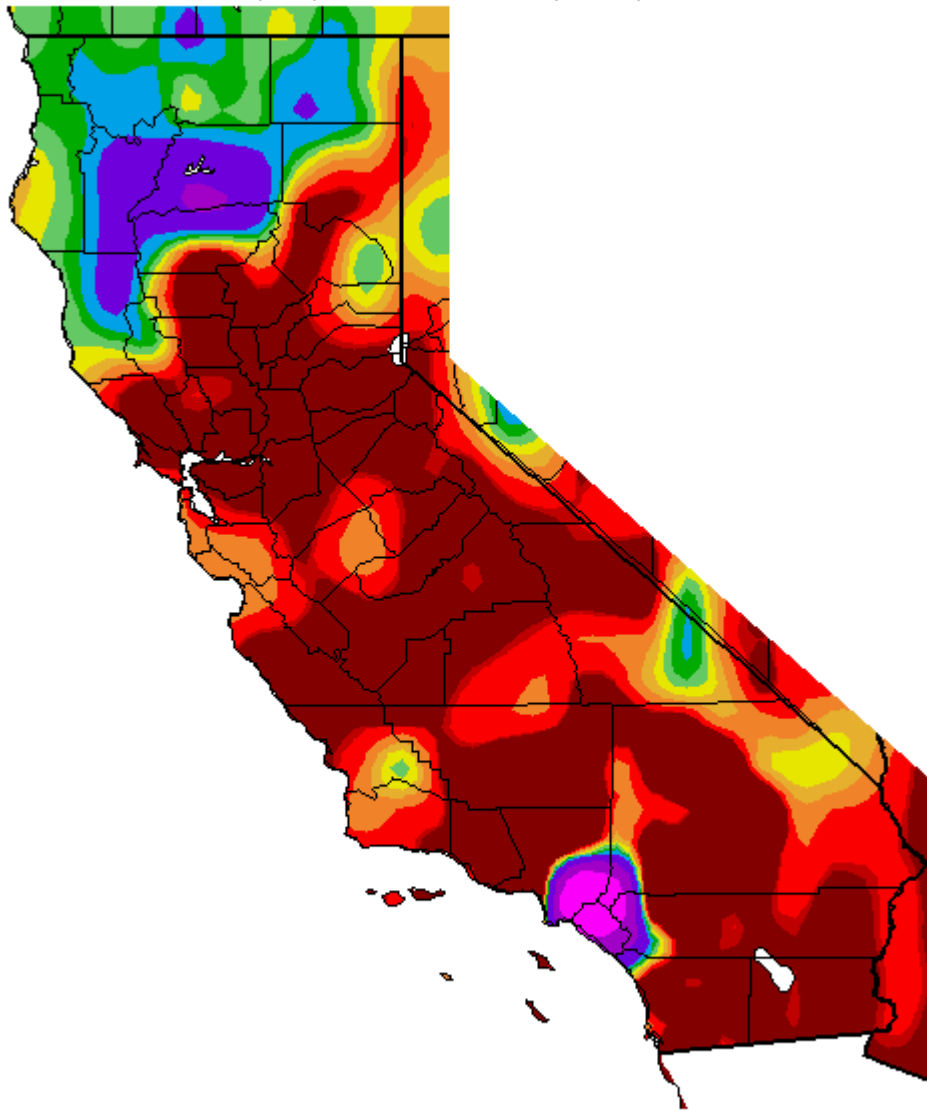


PRECIPITATION

Southeast to south flow aloft brought isolated monsoonal showers and thunderstorms mainly to the mountains and deserts August 6th – August 8th. However, isolated shower and thunderstorm activity also occurred over some coastal and valley locations during this time. Moisture from the remnants of Tropical Storm Ivo brought isolated afternoon thunderstorms to the Sierra Crest

August 27th. Most locations that received rain this month got less than a quarter inch of rainfall. However, over the Mojave National Preserve there was up to 1.5 inches of rainfall. For the most part, the region received below normal rainfall for the month. However, above normal rainfall occurred from Eastern Los Angeles County south to all of Orange County and east to the far

Percent of Average Precipitation (%)
8/1/2019 - 8/30/2019



Generated 8/31/2019 at WRCC using provisional data.

west NOAA Regional Climate Centers
of the Inland Empire.

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WINDS

General winds were mainly south to west all of August. South to west winds were mainly 10 to 20 mph in the afternoons. However, with the stronger troughs, south to west winds over some mountain and desert locations increased to 20 to 30 mph with gusts to 50 mph. There were no significant offshore wind events during the month.

FIRES

For August, according to the ICS-209, there were seven fires for a total of 5,092 acres. All seven fires were considered large. There were 2 fires over 1,000 acres. The largest fire was called the Border 8 Fire and it burned 1,507 acres. It occurred around 5 miles southwest of Potrero in the South Coast PSA.

CONCLUSION

Overall, for much of the region, August received near to a little above 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.