

SEPTEMBER 2019 WEATHER SUMMARY

RIVERSIDE FIRE WEATHER CENTER

PREDICTIVE SERVICES UNIT

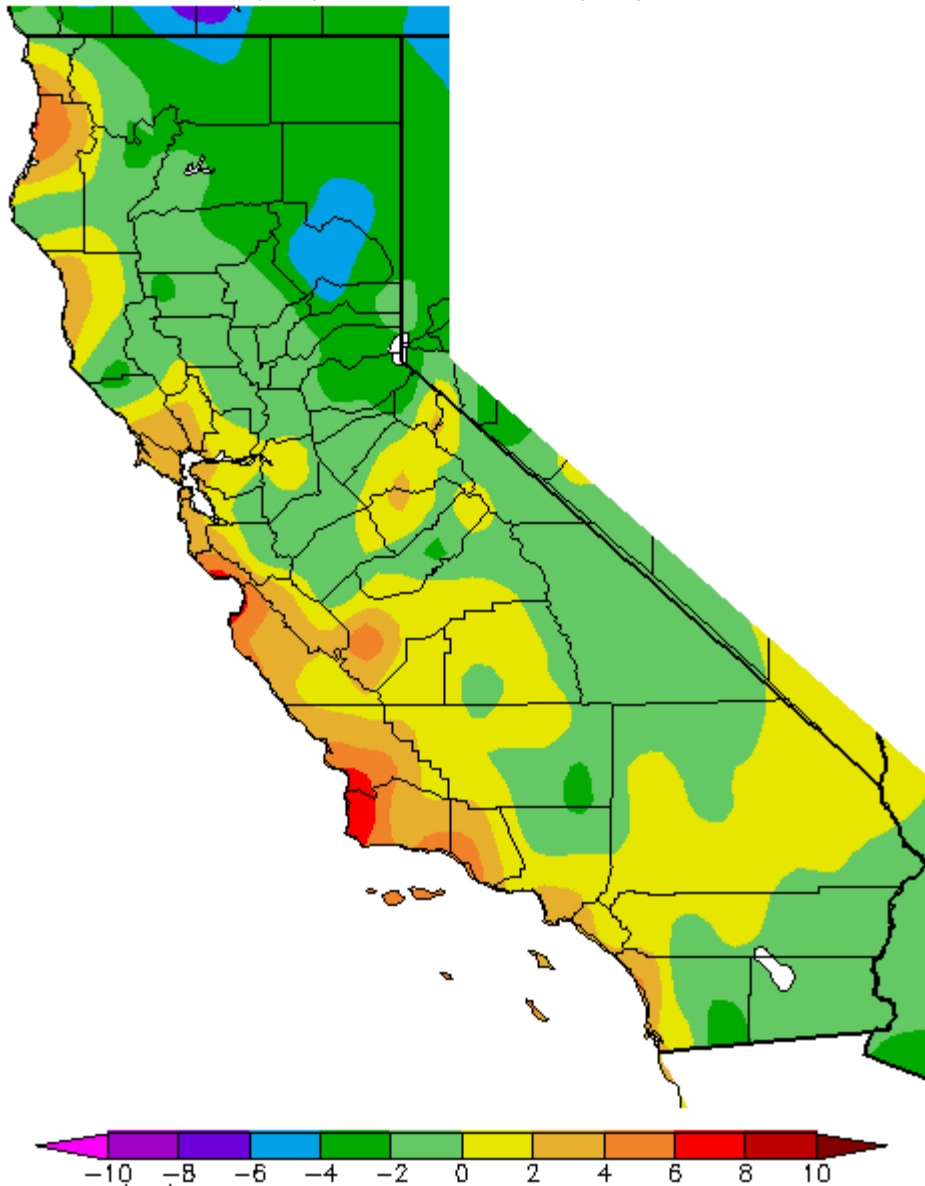
INTRODUCTION

A series of Pacific troughs and ridges of high pressure brought big temperature swings to the region in September. Monsoonal moisture brought scattered showers and thunderstorms to the mountains and deserts September 1st – September 5th. A weak low pressure area over Northern Baja brought scattered showers and thunderstorms to the mountains and deserts of Southern California east and south of I-15 September 25th – September 26th. General winds were mainly south to west all month. There was one weak Santa Ana wind event and it occurred September 24th.

TEMPERATURES

A series of Pacific troughs brought below normal temperatures September 8th – September 11th, September 16th – September 20th, and September 26th through the end of the month. High pressure brought near to above normal temperatures September 1st – September 7th, September 12th – September 15th, and September 21st – September 25th. Temperatures in the valleys were mainly in the 90s to 105 with the ridges of high pressure and 70s to upper 80s with the Pacific troughs. For the month, maximum temperatures averaged out to near normal. However, maximum temperatures ranged from 2 to 4 degrees below normal in some mountain locations in Kern County to 6 to 8 degrees above normal over some coastal locations in Santa Barbara County. For the most part, coastal locations received above normal temperatures, while inland locations received near to a little below normal temperatures.

Av. Max. Temperature dep from Ave (deg F)
9/2/2019 – 10/1/2019



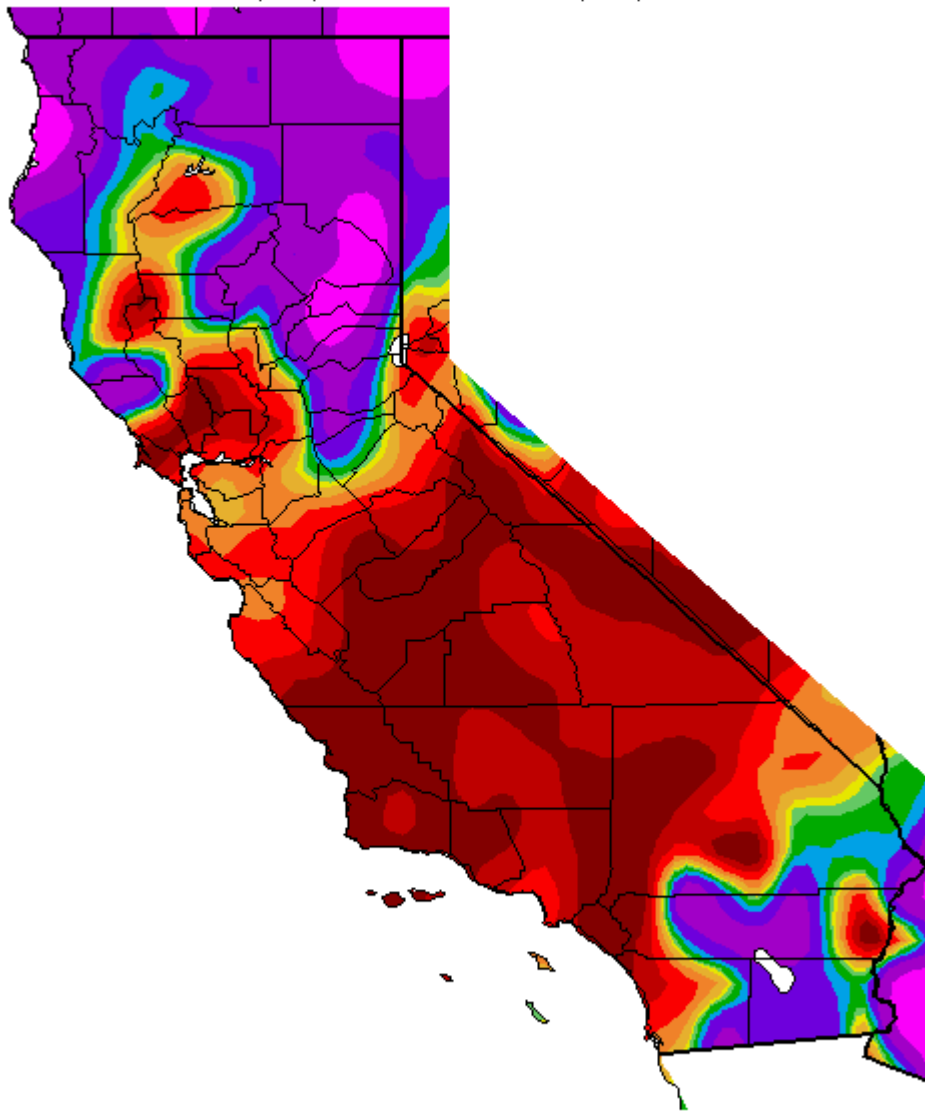
Generated 10/ 2/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

PRECIPITATION

Southeast flow aloft brought scattered monsoonal showers and thunderstorms to the mountains and deserts September 1st – September 5th. A weak low pressure area over Northern Baja brought scattered showers and thunderstorms to the mountains and deserts of Southern California east and south of I-15 September 25th – September 26th. Most mountain and desert locations east

and south of I-15 received between a half inch and an inch of rainfall. Elsewhere, most locations received little or no rainfall. For the most part, the region received below normal rainfall for the month. However, there was above normal rainfall over the mountains and deserts of California east and south of I-15.

Percent of Average Precipitation (%)
9/2/2019 – 10/1/2019



Generated 10/ 2/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

WINDS

General winds were mainly south to west all of September. 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 was one weak Santa Ana wind event and it occurred September 24th. Winds over the mountains and below the canyons and passes of Southern California were mainly 15 to 25 mph with gusts to 40 mph. However, over the windiest locations, there were gusts to 50 mph.

FIRES

For September, according to the ICS-209, there were eight fires for a total of 13,708 acres. Six out of the eight fires were considered large. There was 1 fire over 10,000 acres and 2 fires over 1,000 acres. The largest fire was called the Taboose Fire and it burned 10,296 acres. It occurred around 6 miles southwest of Big Pine in the Southern Sierra PSA.

CONCLUSION

Overall for much of the region, September received near normal temperatures and below normal rainfall. Winds were mainly south to west the entire month. There was one weak Santa Ana wind event during the month.