

# ***NOVEMBER 2007 WEATHER SUMMARY***

*RIVERSIDE WEATHER CENTER  
PREDICTIVE SERVICES UNIT*

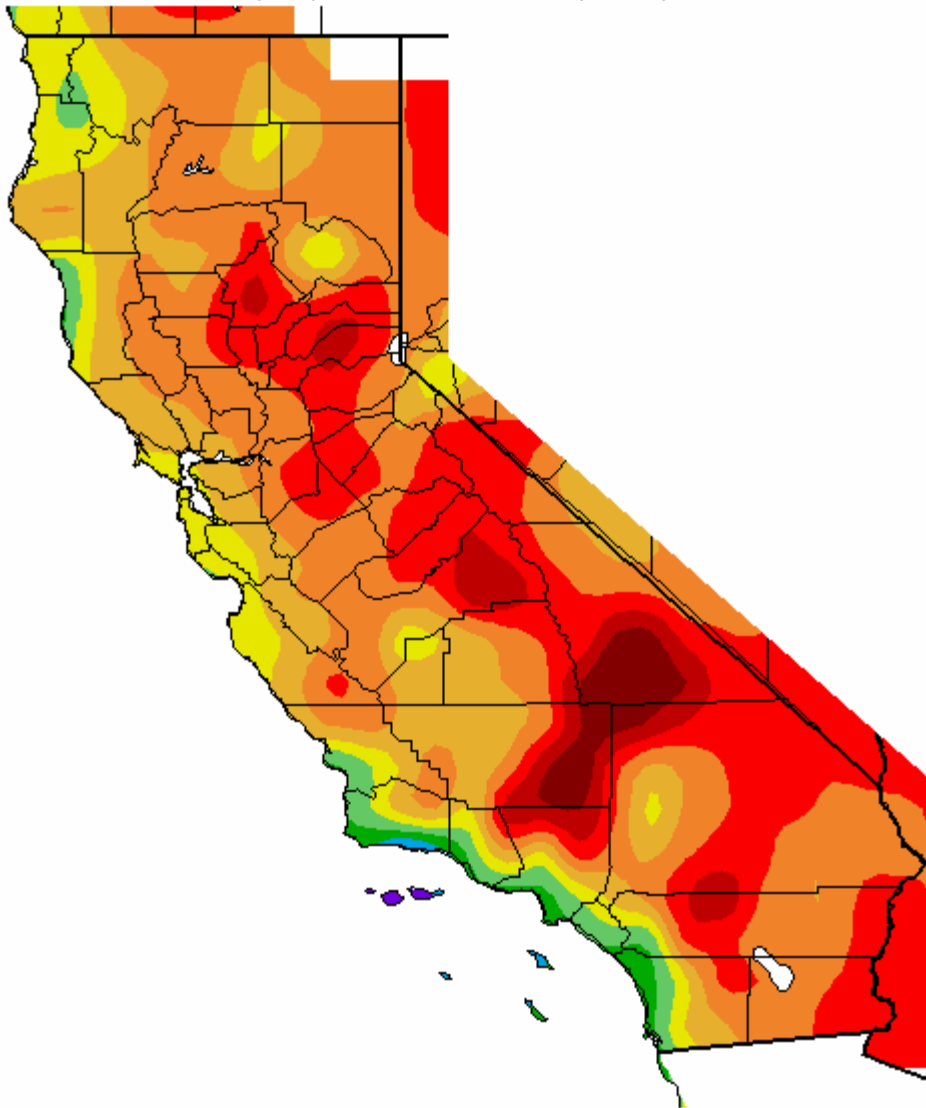
## ***INTRODUCTION***

A strong ridge of high pressure over California brought above normal temperatures during the first four days of November and again from November 12<sup>th</sup> – November 15<sup>th</sup>. A series of Pacific troughs brought below normal temperatures November 5<sup>th</sup> – November 11<sup>th</sup>. Near normal temperatures occurred during the last two weeks of the month as a strong ridge of high pressure sat off the West Coast and Pacific troughs dropped down into the Great Basin. There were periods of light showers mainly over Central California from November 8<sup>th</sup> – November 11<sup>th</sup>. Otherwise, there was no precipitation during the month. General winds were mainly westerly with the Pacific troughs and northerly with the ridges of high pressure. There were three Santa Ana wind events during the month all of which were moderate in strength. The first event occurred November 12<sup>th</sup>. The second event occurred November 23<sup>rd</sup> – November 24<sup>th</sup> and the final event occurred November 28<sup>th</sup>.

## ***TEMPERATURES***

A strong ridge of high pressure over California brought above normal temperatures to the region during the first four days of November and again from November 12<sup>th</sup> – November 15<sup>th</sup>. A series of Pacific troughs moving through California brought below normal temperatures to the region November 5<sup>th</sup> – November 11<sup>th</sup>. Near normal temperatures occurred during the last two weeks of the month as a strong ridge of high pressure sat off the West Coast and Pacific troughs dropped down into the Great Basin. Across Southern California, many inland valley locations had maximum temperatures in the mid 70s to mid 80s with the ridges of high pressure and 60s to low 70s with the Pacific troughs. Normally, the valley locations of Southern California are near 80 degrees to start the month and near 70 degrees to end the month. For the month, maximum temperatures over the region averaged out to around 3 to 5 degrees above normal. However, maximum temperatures ranged from 4 to 6 degrees below normal over some South Coast locations to 10 to 12 degrees above normal over some Northern Desert locations. For the most part, coastal locations had below normal temperatures and inland locations had above normal temperatures. Riverside set a daily high minimum temperature of 57 degrees on November 13<sup>th</sup>, 56 degrees on November 14<sup>th</sup>, and 61 degrees on November 15<sup>th</sup>. Riverside tied a daily high minimum temperature on November 16<sup>th</sup> with 53 degrees.

Av. Max. Temperature dep from Ave (deg F)  
11/1/2007 – 11/26/2007



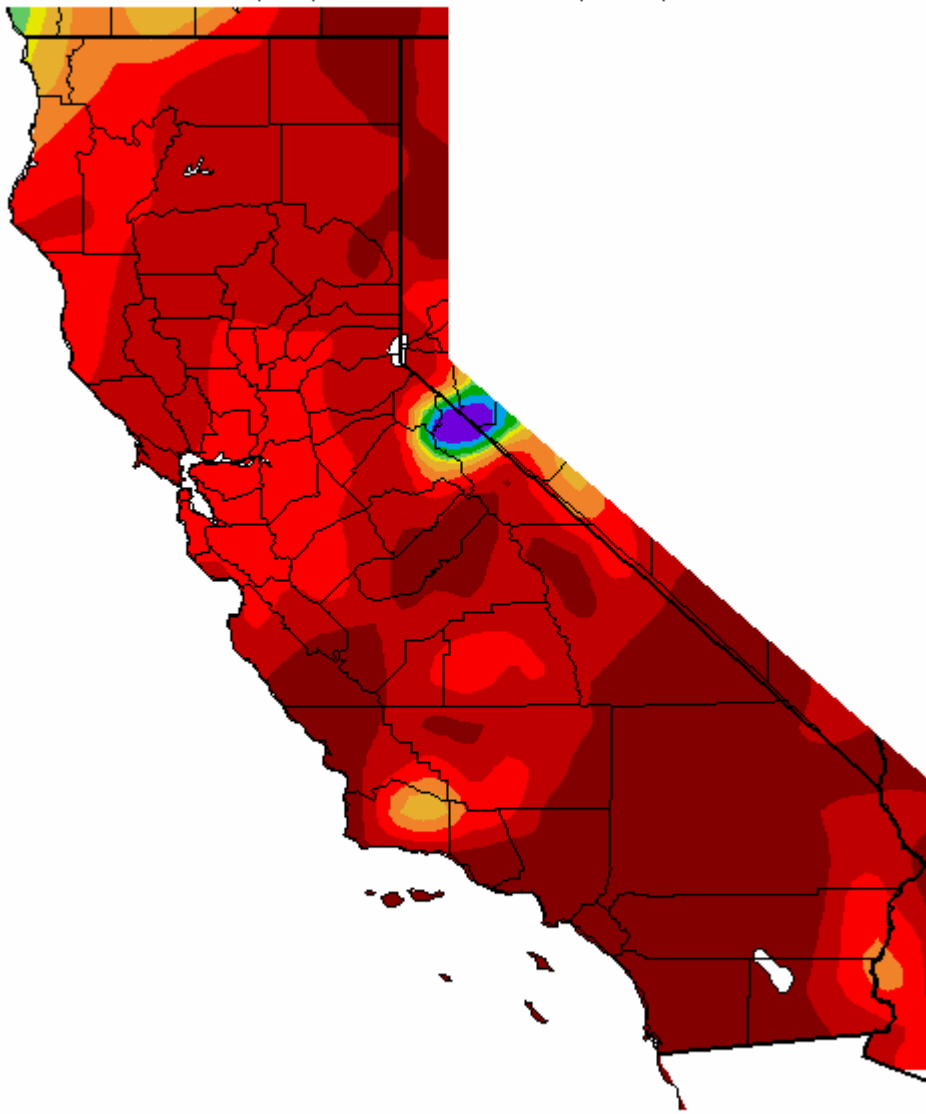
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NOAA Regional Climate Centers

### ***PRECIPITATION***

A couple of Pacific troughs brought periods of light showers mainly to Central California November 8<sup>th</sup> – November 11<sup>th</sup>. Most locations over the Sierra received between a half inch and an inch of rainfall during this period. The snow level over the Sierra was around 8,000 feet, with up to a foot of new snow over the crest. Elsewhere, over Central California most locations received between a quarter inch and a half inch of rainfall. Southern California received less than a quarter inch of rainfall, with most locations receiving no measurable rainfall. Otherwise, there was no precipitation during the

month. Riverside received no rainfall for the month, when normally they receive 0.80 inches.

Percent of Average Precipitation (%)  
11/1/2007 – 11/26/2007



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NOAA Regional Climate Centers

### ***WINDS***

General winds during November were mainly northerly with the ridges of high pressure and westerly with the Pacific troughs. Northerly winds with the ridges of high pressure were mainly 5 to 15 mph and westerly afternoon winds with the Pacific troughs were mainly 10 to 20 mph. However, a couple of stronger Pacific troughs brought westerly afternoon winds over some mountain and desert locations to 12 to 25 mph with gusts to

40 mph. There were three moderate Santa Ana events during the month. They occurred on November 12<sup>th</sup>, November 23<sup>rd</sup> – November 24<sup>th</sup>, and November 28<sup>th</sup>. Winds over the mountains and below the canyons and passes of Southern California were mainly 15 to 30 mph with gusts to 50 mph with each event. However, over the windiest locations there were gusts to 70 mph.

### ***FIRES***

As of November 28<sup>th</sup>, according to the ICS-209, there were three fires this month for a total of 4,951 acres. One of the three fires was considered large. The large fire was called the Corral Fire. It occurred in Malibu in the South Coast PSA and burned 4,901 acres. This fire occurred on November 24<sup>th</sup>, during the strongest of the three Santa Ana events. It destroyed around 50 homes.

### ***CONCLUSION***

Overall, for much of the region, November had above normal temperatures and below normal precipitation. Winds were mainly northerly with the ridges of high pressure and westerly with the Pacific troughs. There were three significant offshore wind events during the month.