

JUNE 2008 WEATHER SUMMARY

***RIVERSIDE FIRE WEATHER CENTER
PREDICTIVE SERVICES UNIT***

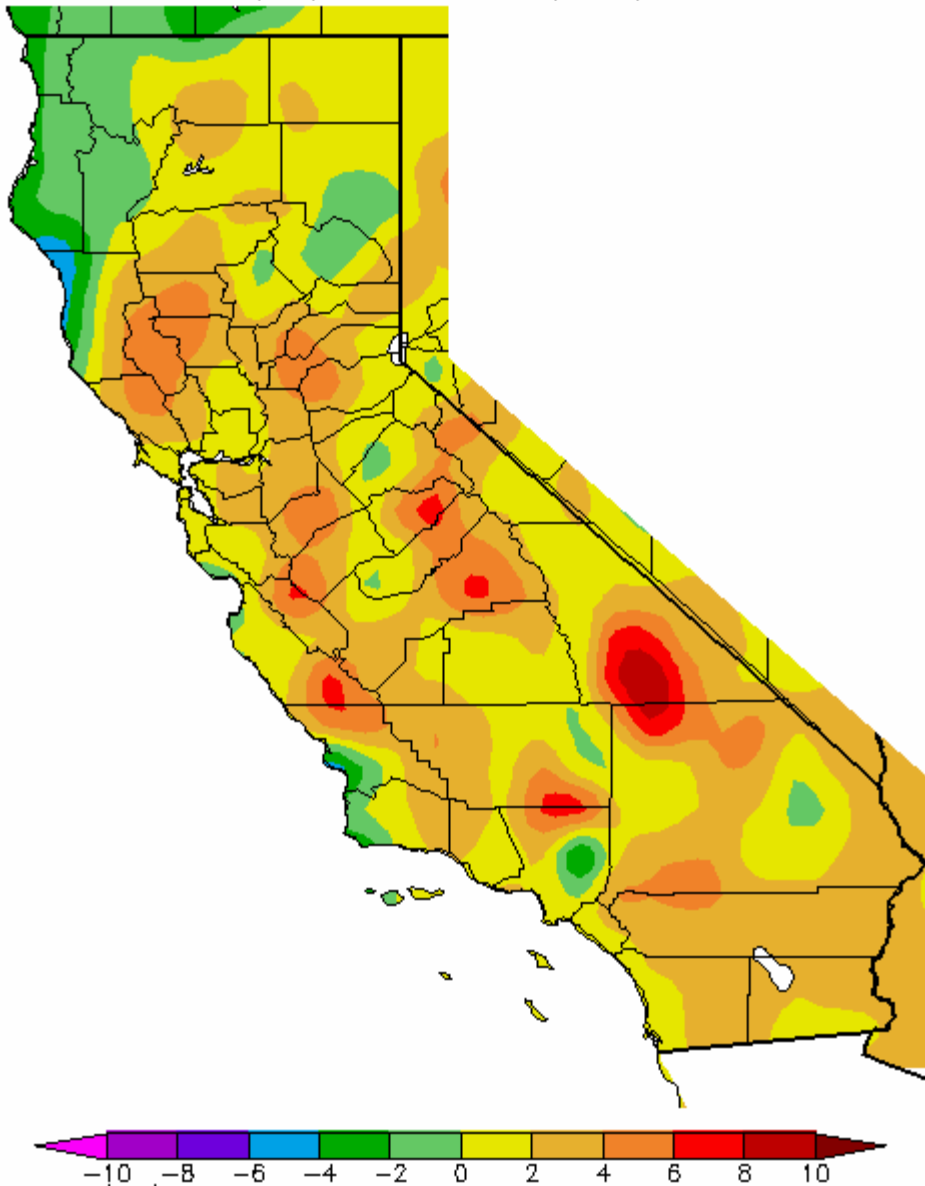
INTRODUCTION

A Pacific trough brought near to below normal temperatures from June 1st – June 4th. A ridge of high pressure brought near to above normal temperatures June 5th through the end of the month. The ridge was strongest from June 16th – June 22nd when temperatures at many locations were near or above record levels. The Pacific trough at the beginning of the month brought a few showers to the Sierra. A cold front with scattered thunderstorms moved through the far northern parts of Central California June 21st with little or no rainfall. This lightning outbreak created several large fires. A weak low pressure area off the Central California Coast produced isolated thunderstorms over the Sierra June 25th – June 29th with little or no rainfall. General winds were south to west the entire month. There were no significant offshore wind events during the month.

TEMPERATURES

A Pacific trough moving through California brought near to below normal temperatures to the region from June 1st – June 4th. A ridge of high pressure over the southwestern states brought near to above normal temperatures June 5th through the end of the month. The ridge was strongest from June 16th – June 22nd when temperatures at many locations were near or above record levels. Across Southern California, many inland valley locations had maximum temperatures in the mid 80s to 110 degrees with the ridge of high pressure and 70s to low 80s with the Pacific trough. Normally, the valley locations of Southern California are near 80 degrees to start the month and near 90 degrees to end the month. For the month, maximum temperatures over the region averaged out to around 2 to 4 degrees above normal. However, maximum temperatures ranged from 2 to 4 degrees below normal over some mountain locations in eastern Los Angeles County and some coastal locations of San Luis Obispo County to 8 to 10 degrees above normal over the Deserts of southern Inyo County. For the most part, almost the entire region had above normal temperatures. Riverside tied a monthly high minimum temperature on June 21st with 73 degrees. Riverside set a daily high minimum temperature of 63 degrees on June 16th, 67 degrees on June 19th, 67 degrees on June 20th, 72 degrees on June 22nd, and 66 degrees on June 23rd. Riverside tied a daily high minimum temperature on June 14th with 60 degrees and on June 18th with 63 degrees.

Av. Max. Temperature dep from Ave (deg F)
6/1/2008 – 6/26/2008



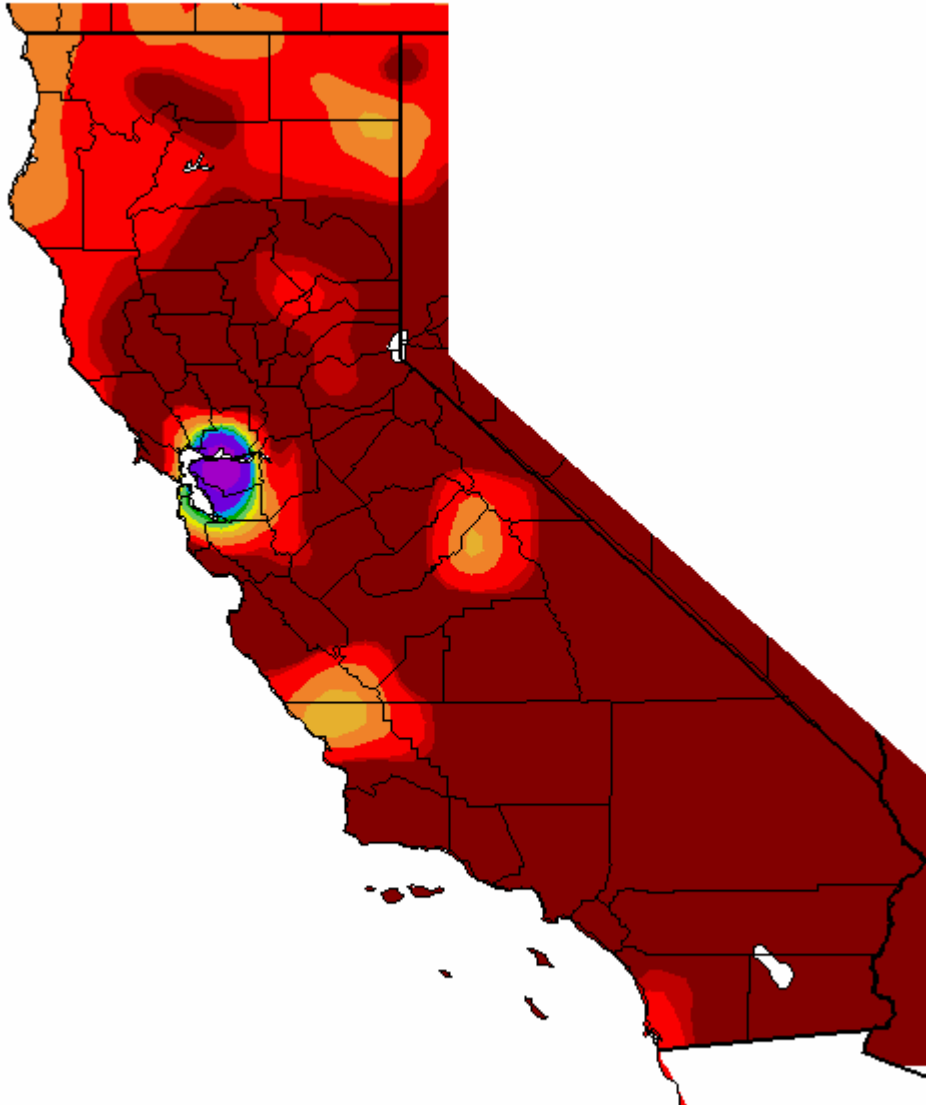
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NOAA Regional Climate Centers

PRECIPITATION

A Pacific trough brought a few showers to the Sierra June 3rd – June 4th. Most locations over the Sierra received less than a quarter inch of rainfall with this trough, with little or no rainfall elsewhere. A cold front with scattered thunderstorms moved through the far northern parts of Central California June 21st. Most places over the far northern parts of Central California received less than a tenth of an inch of rainfall with this thunderstorm outbreak. Otherwise, there was no rainfall across the region with this cold front. A weak low pressure area off the Central California Coast produced isolated thunderstorms over

the Sierra June 25th – June 29th with little or no rainfall. For the month, up to a third of an inch of rainfall fell over the Central Sierra, with little or no rainfall elsewhere. The entire region received below normal precipitation. Riverside received no rainfall for the month, when normally they receive 0.09 inches.

Percent of Average Precipitation (%)
6/1/2008 – 6/26/2008



Generated 6/27/2008 at WRCC using provisional data.
NOAA Regional Climate Centers

WINDS

General winds were mainly south to west all of June. South to west afternoon winds were mainly 10 to 20 mph. However, the trough at the beginning of the month brought

south to west winds over some mountain and desert locations to 15 to 30 mph with gusts to 50 mph. There were no significant offshore wind events during the month.

FIRES

As of June 28th, according to ICS-209, there were 20 fires this month for a total of 104,339 acres. This acreage will go up because 5 of the fires are still uncontained. Fourteen of the twenty fires were considered large. There were eight fires over 1,000 acres and two fires over 10,000 acres. The two largest fires were called the Indians Fire and the Basin Complex. They both occurred in the Central Coast Mountain and Valley PSA in the northern part of Monterey County. So far, the Indians fire has burned 59,791 acres and the Basin Complex has burned 26,981 acres.

CONCLUSION

Overall, for much of the region, June had above normal temperatures and well below normal precipitation. Winds were mainly south to west the entire month. There were no significant offshore wind events during the month.