

FEBRUARY 2019 WEATHER SUMMARY

RIVERSIDE FIRE WEATHER CENTER

PREDICTIVE SERVICES UNIT

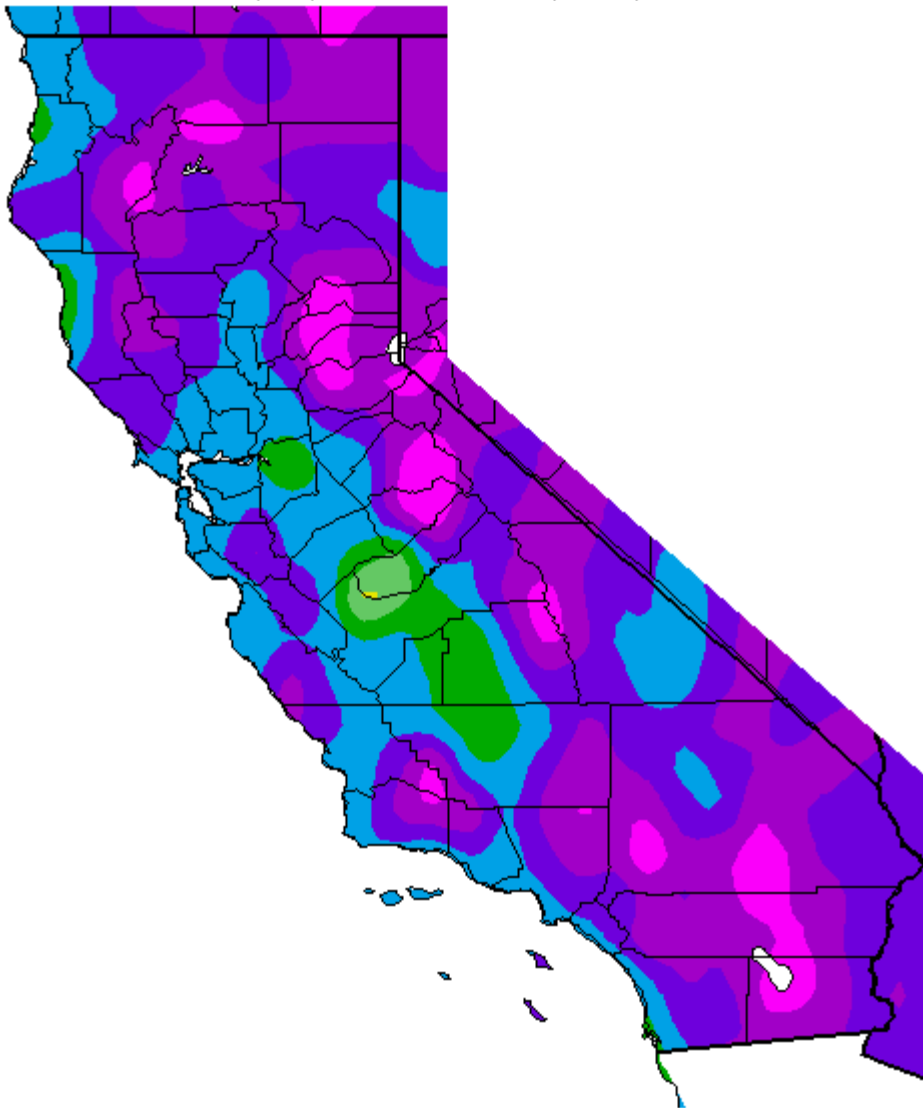
INTRODUCTION

A series of Pacific troughs brought near to below normal temperatures to the region for all of February. There were no ridges of high pressure that brought above normal temperatures any day this month. Periods of rain, heavy at times, moved across the region the entire month. 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 moving inland over the West Coast brought near to below normal temperatures to the region for all of February. Temperatures in the valleys were mainly in the 50s and 60s all month. For the month, maximum temperatures over the region averaged out to 5 to 7 degrees below normal. However, maximum temperatures ranged from 10 to 12 degrees below normal over some desert locations from San Bernardino County south to Imperial County to 0 to 2 degrees below normal over some valley locations in Fresno County. For the most part, almost the entire region received well below normal temperatures.

Av. Max. Temperature dep from Ave (deg F)
2/1/2019 – 2/28/2019



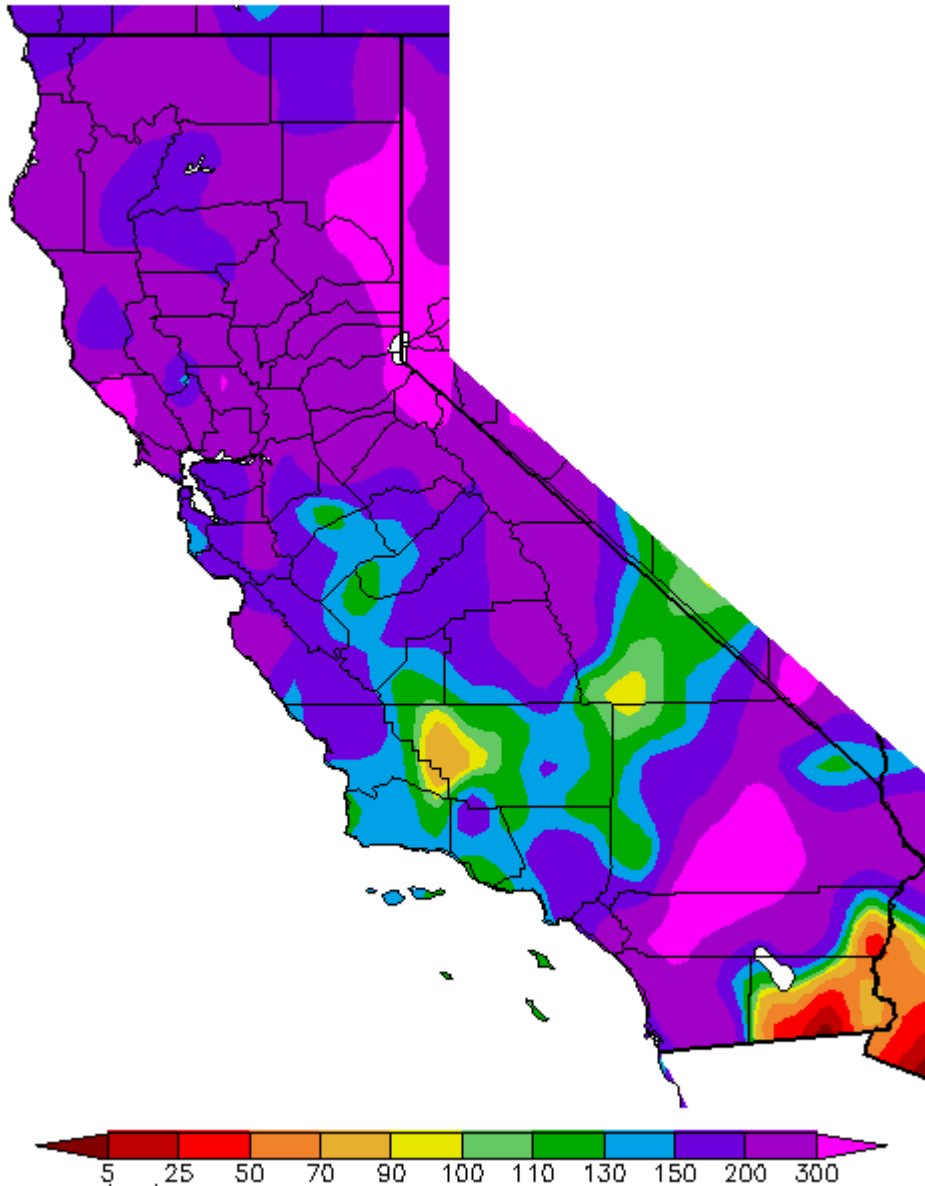
Generated 3/ 1/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

PRECIPITATION

A series of strong Pacific troughs moving inland into the West Coast brought periods of rain, heavy at times, to the region all of February. The heaviest rains occurred February 13th – February 14th, when many areas received daily rainfall records. Most mountain locations received between 10 and 20 inches of rainfall while most coastal and valley locations received

between 5 and 10 inches of rainfall for the month. However, the San Joaquin Valley and the deserts received less than 5 inches of rainfall. The snow level was mainly between 4,000 and 5,000 feet for the month, but it did drop down to 2,000 feet during the middle of the month and rose to 8,000 feet at the end of the month. Several feet of new snow fell over the Sierra, Southern California Mountains, and the Central Coast Range. For the most part, almost the entire region received well above normal rainfall. However, most of Imperial County and far eastern Riverside County received below normal rainfall.

Percent of Average Precipitation (%) 2/1/2019 – 2/28/2019



Generated 3/ 1/2019 at WRCC using provisional data.
NOAA Regional Climate Centers

WINDS

General winds were mainly south to west all of February. South to west winds were mainly 10 to 20 mph. 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. Over the windiest locations, there were gusts to 80 mph. There were no significant offshore wind events during the month.

FIRES

According to the ICS-209, there were no significant fires in February.

CONCLUSION

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