

California Monthly Climate Summary
June 2006

Summary

June 2006 ushered in summer to California with a lot of hot weather. The summer solstice occurred on June 21, 2006 at 5:21 am PDT. Temperatures the week of the solstice surpassed 100 degrees Fahrenheit over much of the state. Precipitation for the month included thunderstorms over the mountains and Lahontan regions of the state and frontal precipitation in the North Coast region.

For the National Weather Service, June 30 ends the year for rainfall measurement. California ended the 12-month period well above 100% of the long-term average in all regions except for the south coast and southeast desert. While the year was wet, it was not a record setter. For the Northern California 8-station index, it was the 5th wettest year. The wettest year on record remains 1982-1983.

Snowmelt led to higher-than-average river flows on many rivers in the state. This has resulted in plenty of storage in the state's reservoirs. Of the 23 rivers where April through July runoff is computed all have already surpassed their long-term average runoff for the four month period with one month still to go. Most of the snow has melted for the season, however. [Regional Snowpack Plots](#)

The El Nino/Southern Oscillation has returned back to neutral. ENSO neutral conditions are expected for the rest of the year. For further discussion of ENSO conditions go to http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_advisory/. ENSO conditions along with current trends indicate a warmer than average remainder of summer for California. Temperatures for the rest of the summer are likely to be above normal. Precipitation in areas that receive summer precipitation is likely to be below normal. Long-range precipitation and temperature outlook plots can be found at: <http://www.wrcc.dri.edu/longrang/page20605.gif>. General weather information of interest can be found at <http://www.noaawatch.gov/>.

For anomaly information please see http://www.wrcc.dri.edu/anom/cal_anom.html.

Other Climate Summaries

[California Climate Watch \(DRI\)](#)

[Golden Gate Weather Service Climate Summary](#)

[NOAA Monthly State of the Climate Report \(May\)](#)

Statewide Extremes

High Temperature – 118 deg F (Squaw Lake, Colorado River)

Low Temperature - 19 deg F (Charlotte Lake, Kings River)

High Precipitation – Crescent City (North Coast) 2.22 inches

Low Precipitation – 0 inches (many sites)

Maximum Snow Depth June 30, 2006 – Lower Lassen Peak 108.8 inches

Statewide Precipitation Statistics

Hydrologic Region	Region Weight	Basins Reporting			Stations Reporting			Percent of Historic Average	
		Basins	June	Oct-June	Stations	June	Oct-June	June	Oct-June
NORTH COAST	0.27	5	3	3	19	6	6	67.0%	159.0%
SAN FRANCISCO BAY	0.03	2	2	2	6	2	2	0%	145.0%
CENTRAL COAST	0.06	3	0	0	11	0	0	--%	--%
SOUTH COAST	0.06	3	2	2	15	5	4	5.6%	80.0%
SACRAMENTO RIVER	0.26	5	2	2	43	2	2	8.9%	140.0%
SAN JOAQUIN RIVER	0.12	6	1	1	25	2	2	0%	106.0%
TULARE LAKE	0.07	5	3	3	28	8	6	13%	131.0%
NORTH LAHONTAN	0.04	3	2	1	14	3	2	55.8%	158.0%
SOUTH LAHONTAN	0.06	3	2	2	15	6	6	162.1%	127.0%
COLORADO RIVER	0.03	1	0	0	6	0	0	--%	--%
STATEWIDE WEIGHTED AVERAGE	1.00	36	17	16	182	34	30	--%	--%

Statewide Mean Temperature Data by Hydrologic Region (degrees F)

Hydrologic Region	No. Stations	Minimum	Average	Maximum
North Coast	31	52.7	63.9	72.4
SF Bay	17	59.4	67.0	76.7
Central Coast	33	54.7	65.0	76.1
South Coast	68	63.6	71.9	81.3
Sacramento	88	53.9	69.4	81.8
San Joaquin	78	51.8	69.2	85.9
Tulare Lake	19	34.4	56.6	85.6
North Lahontan	30	52.7	58.5	67.4
South Lahontan	23	50.6	68.1	92.5
Colorado River	24	74.3	89.0	100.8
Statewide Weighted Average	411	53.1	66.9	80.1