

## California Weather-Hydro Conditions during August 2014

As of August 31, statewide hydrologic conditions were as follows: precipitation, 55 percent of average to date, runoff, 35 percent of average to date, and reservoir storage, 60 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through August 31, 2014 was about 7.2 million acre-feet (MAF), which is about 40 percent of average. In comparison to Water Year 2013, the observed Sacramento River Region unimpaired runoff through August 31, 2013 was about 11.9 MAF, or about 66 percent of average.

On August 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 29.7 inches, which is about 60 percent of the seasonal average to date and 59 percent of an average water year (50.0 inches). During August, the total precipitation for the 8-Stations was 0.6 inches, or about 200 percent of average for the month. Last year on August 31, the Water Year 2013 seasonal total for the 8-Stations was 44.4 inches, or about 90 percent of average.

On August 31, the San Joaquin 5-Station Precipitation Index Water Year total was 19.6 inches, which is about 49 percent of the seasonal average to date and 48 percent of an average water year (40.8 inches). During August, the total precipitation for the 5-Stations was 0.0 inches. Last year on August 31, the Water Year 2013 seasonal total for the 5-Stations was 26.2 inches, or about 65 percent of average.

Selected Cities Precipitation Accumulation as of 08/31/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2013 – 2014 (in inches)	% Avg	Jul 1 to Date 2012 – 2013 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2013- 2014
Eureka	0.04	8	0.08	16	0
Redding	0.21	78	0.00	0	1
Sacramento	0.01	20	0.00	0	0
San Francisco	0.09	150	0.04	67	0
Fresno	0.01	50	0.00	0	0
Bakersfield	0.00	0	0.00	0	0
Los Angeles	0.17	213	0.03	38	1
San Diego	0.08	160	0.05	100	1

Key Reservoir Storage (1,000 AF) as of 08/31/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	698	1,803	39	2,448	28	---	1,750
Shasta Lake	Sacramento	1,342	2,878	47	4,552	29	-3,210	3,210
Lake Oroville	Feather	1,100	2,318	47	3,538	31	-2,438	2,438
New Bullards Bar Res	Yuba	445	653	68	970	46	-521	521
Folsom Lake	American	381	611	62	977	39	-596	596
New Melones Res	Stanislaus	553	1,387	40	2,400	23	-1,867	1,867
Don Pedro Res	Tuolumne	820	1,436	57	2,030	40	-1,210	1,210
Lake McClure	Merced	159	564	28	1,032	15	-866	866
Millerton Lake	San Joaquin	229	236	97	520	44	-291	291
Pine Flat Res	Kings	114	378	30	1,000	11	-886	886
Isabella	Kern	54	216	25	568	9	-278	514
San Luis Res	(Offstream)	380	858	44	2,041	19	---	1,659

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for September 2014, issued August 31, 2014, suggests no tendency for above or below average rainfall for most of California. The exceptions are the extreme northern part of the State where below normal precipitation is indicated, and the extreme southeastern portion of the State where above normal precipitation is indicated.