

## California Weather-Hydro Conditions during June 2015

As of June 30, statewide hydrologic conditions were as follows: precipitation, 70 percent of average to date; runoff, 45 percent of average to date; snow water content, 0 percent of average to date (0 percent of the April 1 average); and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through June 30, 2015 was about 8.4 million acre-feet (MAF), which is about 50 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through June 30, 2014 was about 6.6 MAF, or about 39 percent of average.

On June 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 36.0 inches, which is about 74 percent of the seasonal average to date and 72 percent of an average water year (50.0 inches). During June, the total precipitation for the 8-Stations was 0.8 inches, or about 80 percent of average for the month. Last year on June 30, the Water Year 2014 seasonal total for the 8-Stations was 28.9 inches, or about 59 percent of average.

On June 30, the San Joaquin 5-Station Precipitation Index Water Year total was 17.7 inches, which is about 45 percent of the seasonal average to date and 43 percent of an average water year (40.8 inches). During June, the total precipitation for the 5-Stations was 0.3 inches, or about 50 percent of average for the month. Last year on June 30, the Water Year 2014 seasonal total for the 5-Stations was 19.2 inches, or about 48 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 07/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	33.71	80	12.06	29	77
Eureka	29.94	76	17.23	44	74
Redding	23.08	68	16.12	48	67
South Lake Tahoe	12.87	68	13.17	70	63
Sacramento Executive Airport	15.43	85	8.92	49	83
Santa Rosa (Sonoma Co AP)	22.27	62	13.70	38	61
San Francisco	17.55	75	11.96	51	74
Stockton	10.66	77	7.00	51	76
Yosemite	16.29	44	16.60	45	43
Monterey	14.51	91	8.32	52	90
Paso Robles	8.39	67	4.91	39	66
Fresno	6.43	57	4.91	43	56
Bakersfield	5.29	83	2.41	38	82
Death Valley	1.05	54	1.02	52	44
Los Angeles	8.40	57	5.74	39	56
Riverside	4.83	40	1.87	16	39
Palm Springs	2.19	46	0.92	19	38
San Diego	8.78	87	4.90	48	85

Key Reservoir Storage (1,000 AF) as of 06/30/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	930	2,086	45	2,448	38	---	1,518
Shasta Lake	Sacramento	2,198	3,650	60	4,552	48	-2,354	2,354
Lake Oroville	Feather	1,395	2,887	48	3,538	39	-2,143	2,143
New Bullards Bar Res	Yuba	515	830	62	930	55	-451	451
Folsom Lake	American	438	810	54	977	45	-539	539
New Melones Res	Stanislaus	401	1,532	26	2,400	17	-2,019	2,019
Don Pedro Res	Tuolumne	756	1,618	47	2,030	37	-1,274	1,274
Lake McClure	Merced	130	732	18	1,025	13	-882	895
Millerton Lake	San Joaquin	179	416	43	520	34	-342	341
Pine Flat Res	Kings	266	691	39	1,000	27	-734	734
Isabella	Kern	36	313	12	568	6	-325	532
San Luis Res	(Offstream)	813	1,293	63	2,041	40	---	1,226

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for July 2015, issued June 30, 2015, suggests equal chances of wet or dry conditions for most of California, except for the eastern third portion of the State where above average precipitation is suggested.