

## California Weather-Hydro Conditions during September 2015

As of September 30, the end of Water Year 2015, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 45 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through September 30, 2015 was about 9.3 million acre-feet (MAF), which is about 51 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through September 30, 2014 was about 7.5 MAF, or about 41 percent of average.

On September 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 37.2 inches, which is about 74 percent of the seasonal average to date and 74 percent of an average water year (50.0 inches). During September, the total precipitation for the 8-Stations was 0.4 inches, or about 44 percent of average for the month. Last year on September 30, the Water Year 2014 seasonal total for the 8-Stations was 31.3 inches, or about 63 percent of average.

On September 30, the San Joaquin 5-Station Precipitation Index Water Year total was 19.0 inches, which is about 47 percent of the seasonal average to date and 47 percent of an average water year (40.8 inches). During September, the total precipitation for the 5-Stations was 0.2 inches or about 29 percent of average for the month. Last year on September 30, the Water Year 2014 seasonal total for the 5-Stations was 20.4 inches, or about 50 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 09/30/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	35.32	81	14.96	34	81
Eureka	30.74	76	20.05	50	76
Redding	23.67	68	19.54	56	68
South Lake Tahoe	14.01	69	17.18	84	69
Sacramento Executive Airport	15.45	83	9.39	51	83
Santa Rosa (Sonoma Co AP)	22.77	63	14.53	40	63
San Francisco	17.70	75	12.65	53	75
Stockton	10.68	76	7.59	54	76
Yosemite	18.50	49	17.21	45	49
Monterey	14.61	91	8.71	54	91
Paso Robles	8.45	66	4.91	38	66
Fresno	6.62	58	5.10	44	58
Bakersfield	5.29	82	2.42	37	82
Death Valley	1.05	44	1.34	57	44
Los Angeles	11.06	74	5.79	39	74
Riverside	7.70	62	2.27	18	62
Palm Springs	2.64	46	2.11	37	46
San Diego	11.27	109	4.98	48	109

Key Reservoir Storage (1,000 AF) as of 09/30/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	546	1,666	33	2,448	22	---	1,902
Shasta Lake	Sacramento	1,602	2,725	59	4,552	35	-2,950	2,950
Lake Oroville	Feather	1,057	2,188	48	3,538	30	-2,293	2,481
New Bullards Bar Res	Yuba	396	593	67	966	41	-514	570
Folsom Lake	American	174	554	31	977	18	-803	803
New Melones Res	Stanislaus	268	1,343	20	2,400	11	-2,006	2,152
Don Pedro Res	Tuolumne	644	1,371	47	2,030	32	-1,128	1,386
Lake McClure	Merced	87	464	19	1,025	9	-765	938
Millerton Lake	San Joaquin	193	210	92	520	37	-327	327
Pine Flat Res	Kings	119	338	35	1,000	12	-881	881
Isabella	Kern	30	187	16	568	5	-274	538
San Luis Res	(Offstream)	398	955	42	2,041	19	---	1,641

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for October 2015, issued September 30, 2015, suggests equal chances of wet or dry conditions for all of California.