

California Weather-Hydro Conditions during October 2015

As of October 31, statewide hydrologic conditions were as follows: precipitation, 95 percent of average to date; runoff, 50 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through October 31, 2015 was about 0.3 million acre-feet (MAF), which is about 58 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through October 31, 2014 was about 0.4 MAF, or about 68 percent of average.

On October 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 1.2 inches, which is about 40 percent of the seasonal average to date and 2 percent of an average water year (50.0 inches). During October, the total precipitation for the 8-Stations was also 1.2 inches, or about 40 percent of average for the month. Last year on October 31, the Water Year 2015 seasonal total for the 8-Stations was 3.7 inches, or about 123 percent of average.

On October 31, the San Joaquin 5-Station Precipitation Index Water Year total was 1.9 inches, which is about 90 percent of the seasonal average to date and 5 percent of an average water year (40.8 inches). During October, the total precipitation for the 5-Stations was also 1.9 inches or about 90 percent of average for the month. Last year on October 31, the Water Year 2015 seasonal total for the 5-Stations was 0.1 inches, or about 5 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 10/31/2015					
Station	Oct 1 to Date 2015 - 2015	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	0.52	23	4.75	207	1
Eureka	1.20	54	4.27	191	3
Redding	0.27	13	2.15	102	1
South Lake Tahoe	1.27	71	0.36	20	6
Sacramento Executive Airport	0.12	13	0.41	43	1
Santa Rosa (Sonoma Co AP)	0.07	3	0.50	25	0
San Francisco	0.00	0	0.46	41	0
Stockton	0.21	26	0.29	35	1
Yosemite	3.21	160	0.00	0	8
Monterey	0.14	15	1.10	118	1
Paso Robles	0.06	10	0.00	0	0
Fresno	0.49	78	0.00	0	4
Bakersfield	0.14	47	0.00	0	2
Death Valley	1.08	1,543	0.00	0	46
Los Angeles	0.45	68	0.00	0	3
Riverside	0.16	57	0.00	0	1
Palm Springs	0.13	30	0.00	0	2
San Diego	0.43	75	0.00	0	4

Key Reservoir Storage (1,000 AF) as of 10/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	503	1,591	32	2,448	21	---	1,945
Shasta Lake	Sacramento	1,416	2,674	53	4,552	31	-2,475	3,136
Lake Oroville	Feather	1,007	2,127	47	3,538	28	-2,156	2,531
New Bullards Bar Res	Yuba	364	541	67	966	38	-432	602
Folsom Lake	American	148	498	30	977	15	-576	829
New Melones Res	Stanislaus	271	1,340	20	2,400	11	-1,699	2,149
Don Pedro Res	Tuolumne	642	1,309	49	2,030	32	-1,048	1,388
Lake McClure	Merced	69	449	15	1,025	7	-606	956
Millerton Lake	San Joaquin	174	195	89	520	33	-262	346
Pine Flat Res	Kings	119	345	35	1,000	12	-639	881
Isabella	Kern	30	164	18	568	5	-140	538
San Luis Res	(Offstream)	348	1,080	32	2,041	17	---	1,691

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2015, issued October 31, 2015, suggests equal chances of wet or dry conditions for all of California.