

California Weather-Hydro Conditions during March 2015

As of March 31, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 60 percent of average to date; snow water content, 5 percent of average to date (5 percent of the April 1 average); and reservoir storage, 70 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through March 31, 2015 was about 6.9 million acre-feet (MAF), which is about 63 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through March 31, 2014 was about 4.3 MAF, or about 39 percent of average.

On March 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 31.7 inches, which is about 76 percent of the seasonal average to date and 63 percent of an average water year (50.0 inches). During March, the total precipitation for the 8-Stations was 1.0 inch, or about 14 percent of average for the month. Last year on March 31, the Water Year 2014 seasonal total for the 8-Stations was 25.4 inches, or about 61 percent of average.

On March 31, the San Joaquin 5-Station Precipitation Index Water Year total was 13.7 inches, which is about 41 percent of the seasonal average to date and 34 percent of an average water year (40.8 inches). During March, the total precipitation for the 5-Stations was 0.4 inches, or about 7 percent of average for the month. Last year on March 31, the Water Year 2014 seasonal total for the 5-Stations was 15.0 inches, or about 45 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 04/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	30.58	86	10.86	30	70
Eureka	27.29	82	14.93	45	68
Redding	20.99	73	15.73	55	61
South Lake Tahoe	8.29	51	10.87	67	41
Sacramento Executive Airport	13.45	83	7.05	44	73
Santa Rosa (Sonoma Co AP)	20.84	65	12.94	40	57
San Francisco	16.04	76	10.20	48	68
Stockton	9.45	78	6.16	51	67
Yosemite	11.39	36	13.12	42	30
Monterey	13.32	94	7.04	50	83
Paso Robles	7.70	67	4.31	38	60
Fresno	4.60	47	4.01	41	40
Bakersfield	4.53	81	1.81	32	70
Death Valley	1.05	60	0.89	51	44
Los Angeles	7.33	55	5.39	40	49
Riverside	3.85	36	1.51	14	31
Palm Springs	2.07	46	0.87	19	36
San Diego	6.51	71	4.37	48	63

Key Reservoir Storage (1,000 AF) as of 03/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,191	1,927	62	2,448	49	---	1,257
Shasta Lake	Sacramento	2,689	3,691	73	4,552	59	-1,863	1,863
Lake Oroville	Feather	1,794	2,696	67	3,538	51	-1,369	1,744
New Bullards Bar Res	Yuba	602	701	86	970	62	-194	364
Folsom Lake	American	572	628	91	977	58	-129	405
New Melones Res	Stanislaus	553	1,510	37	2,400	23	-1,485	1,867
Don Pedro Res	Tuolumne	893	1,483	60	2,030	44	-797	1,137
Lake McClure	Merced	93	565	16	1,032	9	-643	932
Millerton Lake	San Joaquin	205	366	56	520	39	-316	315
Pine Flat Res	Kings	185	564	33	1,000	18	-726	815
Isabella	Kern	46	201	23	568	8	-315	522
San Luis Res	(Offstream)	1,354	1,846	73	2,041	66	---	685

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