

## California Weather-Hydro Conditions during January 2016

As of January 31, statewide hydrologic conditions were as follows: precipitation, 115 percent of average to date; snow water content, 115 percent of average to date (75 percent of the April 1 average); runoff, 95 percent of average to date; and reservoir storage, 65 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through January 31, 2016 was about 4.9 million acre-feet (MAF), which is about 87 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through January 31, 2015 was about 4.3 MAF, or about 76 percent of average.

On January 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 32.8 inches, which is about 123 percent of the seasonal average to date and 66 percent of an average water year (50.0 inches). During January, the total precipitation for the 8-Stations was 16.1 inches, or about 179 percent of average for the month. Last year on January 31, the Water Year 2015 seasonal total for the 8-Stations was 23.1 inches, or about 87 percent of average.

On January 31, the San Joaquin 5-Station Precipitation Index Water Year total was 25.7 inches, which is about 125 percent of the seasonal average to date and 63 percent of an average water year (40.8 inches). During January, the total precipitation for the 5-Stations was 10.0 inches or about 133 percent of average for the month. Last year on January 31, the Water Year 2015 seasonal total for the 5-Stations was 9.3 inches, or about 45 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 01/31/2016					
Station	Oct 1 to Date 2015 - 2016	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	21.73	97	19.67	88	50
Eureka	30.83	137	19.14	85	76
Redding	22.36	119	16.55	88	65
South Lake Tahoe	13.25	125	3.89	37	65
Sacramento Executive Airport	8.87	89	10.41	105	48
Santa Rosa (Sonoma Co AP)	17.89	86	16.52	79	49
San Francisco	13.55	102	14.45	108	57
Stockton	9.49	127	7.84	105	67
Yosemite	22.99	119	7.81	41	61
Monterey	14.10	169	11.76	141	87
Paso Robles	5.32	83	5.96	93	42
Fresno	9.61	170	3.40	60	84
Bakersfield	3.21	103	3.36	108	50
Death Valley	1.28	136	0.79	84	54
Los Angeles	3.84	54	5.71	80	26
Riverside	3.70	64	2.88	50	30
Palm Springs	2.41	85	1.07	38	42
San Diego	6.06	119	5.30	104	59

Key Reservoir Storage (1,000 AF) as of 01/31/2016								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	695	1,730	40	2,448	28	---	1,753
Shasta Lake	Sacramento	2,346	3,072	76	4,552	52	-1,188	2,206
Lake Oroville	Feather	1,534	2,317	66	3,538	43	-1,254	2,004
New Bullards Bar Res	Yuba	582	584	100	966	60	-214	384
Folsom Lake	American	529	508	104	977	54	-48	448
New Melones Res	Stanislaus	393	1,423	28	2,400	16	-1,577	2,027
Don Pedro Res	Tuolumne	818	1,391	59	2,030	40	-872	1,212
Lake McClure	Merced	139	489	28	1,025	14	-536	886
Millerton Lake	San Joaquin	208	333	62	520	40	-227	312
Pine Flat Res	Kings	202	470	43	1,000	20	-538	798
Isabella	Kern	36	173	21	568	6	-134	532
San Luis Res	(Offstream)	693	1,607	43	2,041	34	---	1,346

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for March 2016, issued February 18, 2016, suggests above normal precipitation for almost all of California, except for the northern quarter of the State where equal chances of wet or dry conditions are suggested.