

California Weather-Hydro Conditions during February 2016

As of February 29, statewide hydrologic conditions were as follows: precipitation, 100 percent of average to date; snow water content, 90 percent of average to date (80 percent of the April 1 average); runoff, 85 percent of average to date; and reservoir storage, 70 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through February 29, 2016 was about 6.7 million acre-feet (MAF), which is about 82 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through February 28, 2015 was about 6.3 MAF, or about 77 percent of average.

On February 29, the Northern Sierra 8-Station Precipitation Index Water Year total was 35.5 inches, which is about 102 percent of the seasonal average to date and 71 percent of an average water year (50.0 inches). During February, the total precipitation for the 8-Stations was 2.7 inches, or about 34 percent of average for the month. Last year on February 28, the Water Year 2015 seasonal total for the 8-Stations was 30.6 inches, or about 88 percent of average.

On February 29, the San Joaquin 5-Station Precipitation Index Water Year total was 27.1 inches, which is about 98 percent of the seasonal average to date and 66 percent of an average water year (40.8 inches). During February, the total precipitation for the 5-Stations was 1.4 inches or about 20 percent of average for the month. Last year on February 28, the Water Year 2015 seasonal total for the 5-Stations was 13.2 inches, or about 48 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 02/29/2016					
Station	Oct 1 to Date 2015 - 2016	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	24.61	82	29.42	99	56
Eureka	33.64	120	24.18	86	83
Redding	23.25	96	19.93	82	67
South Lake Tahoe	13.73	104	7.94	60	67
Sacramento Executive Airport	9.68	72	13.23	99	52
Santa Rosa (Sonoma Co AP)	18.64	69	20.72	76	51
San Francisco	14.53	82	15.92	89	61
Stockton	9.88	99	9.28	93	70
Yosemite	24.86	95	10.96	42	66
Monterey	15.46	136	13.01	114	96
Paso Robles	5.36	60	7.68	85	42
Fresno	9.94	129	4.53	59	86
Bakersfield	3.46	79	4.11	94	53
Death Valley	1.28	88	1.05	72	54
Los Angeles	4.53	41	6.40	58	30
Riverside	3.90	44	3.61	41	31
Palm Springs	2.43	63	1.24	32	42
San Diego	6.08	83	5.48	74	59

Key Reservoir Storage (1,000 AF) as of 02/29/2016								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	854	1,818	47	2,448	35	---	1,594
Shasta Lake	Sacramento	2,766	3,331	83	4,552	61	-1,225	1,786
Lake Oroville	Feather	1,865	2,469	76	3,538	53	-1,161	1,673
New Bullards Bar Res	Yuba	685	627	109	966	71	-111	281
Folsom Lake	American	606	544	111	977	62	-24	371
New Melones Res	Stanislaus	459	1,469	31	2,400	19	-1,511	1,961
Don Pedro Res	Tuolumne	944	1,442	65	2,030	47	-746	1,086
Lake McClure	Merced	184	534	34	1,025	18	-491	841
Millerton Lake	San Joaquin	268	342	78	520	51	-168	252
Pine Flat Res	Kings	269	531	51	1,000	27	-518	731
Isabella	Kern	43	185	23	568	8	-207	525
San Luis Res	(Offstream)	888	1,740	51	2,041	44	---	1,151

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for March 2016, issued February 29, 2016, suggests above normal precipitation for all of California.