

## California Weather-Hydro Conditions during February 2015

As of February 28, statewide hydrologic conditions were as follows: precipitation, 80 percent of average to date; runoff, 75 percent of average to date; snow water content, 13 percent of average to date (12 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 February 28, 2015 was about 6.3 million acre-feet (MAF), which is about 77 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through February 28, 2014 was about 2.5 MAF, or about 30 percent of average.

On February 28, the Northern Sierra 8-Station Precipitation Index Water Year total was 30.7 inches, which is about 88 percent of the seasonal average to date and 61 percent of an average water year (50.0 inches). During February, the total precipitation for the 8-Stations was 7.6 inches, or about 95 percent of average for the month. Last year on February 28, the Water Year 2014 seasonal total for the 8-Stations was 16.0 inches, or about 46 percent of average.

On February 28, the San Joaquin 5-Station Precipitation Index Water Year total was 13.3 inches, which is about 48 percent of the seasonal average to date and 33 percent of an average water year (40.8 inches). During February, the total precipitation for the 5-Stations was 4.0 inches, or about 58 percent of average for the month. Last year on February 28, the Water Year 2014 seasonal total for the 5-Stations was 10.3 inches, or about 37 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 03/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	29.42	99	6.77	23	67
Eureka	24.18	86	8.74	31	60
Redding	19.93	82	9.95	41	58
South Lake Tahoe	7.94	60	9.35	71	39
Sacramento Executive Airport	13.23	99	5.46	41	71
Santa Rosa (Sonoma Co AP)	20.72	76	10.87	40	57
San Francisco	15.92	89	7.49	42	67
Stockton	9.28	93	4.49	45	66
Yosemite	10.96	42	9.31	36	29
Monterey	13.01	114	4.76	42	81
Paso Robles	7.68	85	3.08	34	60
Fresno	4.53	59	3.35	44	39
Bakersfield	4.11	94	1.51	35	64
Death Valley	1.05	72	0.53	37	44
Los Angeles	6.40	58	4.20	38	43
Riverside	3.61	41	1.25	14	29
Palm Springs	1.24	32	0.54	14	22
San Diego	5.48	74	3.09	42	53

Key Reservoir Storage (1,000 AF) as of 02/28/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,147	1,816	63	2,448	47	---	1,301
Shasta Lake	Sacramento	2,613	3,326	79	4,552	57	-1,428	1,939
Lake Oroville	Feather	1,736	2,466	70	3,538	49	-1,403	1,802
New Bullards Bar Res	Yuba	596	626	95	970	61	-200	370
Folsom Lake	American	564	543	104	977	58	-63	413
New Melones Res	Stanislaus	606	1,468	41	2,400	25	-1,364	1,814
Don Pedro Res	Tuolumne	872	1,442	60	2,030	43	-818	1,158
Lake McClure	Merced	88	534	16	1,032	8	-587	937
Millerton Lake	San Joaquin	195	341	57	520	38	-240	325
Pine Flat Res	Kings	160	530	30	1,000	16	-659	840
Isabella	Kern	48	184	26	568	8	-197	520
San Luis Res	(Offstream)	1,293	1,738	74	2,041	63	---	746

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for March 2015, issued February 28, 2015, suggests equal chances of wet or dry conditions for most of California. For the northern portion of the State, below average precipitation is suggested.