California Weather-Hydro Conditions during December 2014

As of December 31, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 105 percent of average to date; snow water content, 50 percent of average to date (15 percent of the April 1 average); and reservoir storage, 65 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through December 31, 2014 was about 3.6 million acre-feet (MAF), which is about 115 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through December 31, 2013 was about 1.0 MAF, or about 33 percent of average.

On December 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 22.8 inches, which is about 129 percent of the seasonal average to date and 46 percent of an average water year (50.0 inches). During December, the total precipitation for the 8-Stations was 15.2 inches, or about 181 percent of average for the month. Last year on December 31, the Water Year 2014 seasonal total for the 8-Stations was 3.3 inches, or about 19 percent of average.

On December 31, the San Joaquin 5-Station Precipitation Index Water Year total was 9.1 inches, which is about 69 percent of the seasonal average to date and 22 percent of an average water year (40.8 inches). During December, the total precipitation for the 5-Stations was 5.9 inches, or about 95 percent of average for the month. Last year on December 31, the Water Year 2014 seasonal total for the 5-Stations was 3.0 inches, or about 23 percent of average.

Selected Cities Precipitation Accumulation as of 12/31/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2014 – 2015 (in inches)	% Avg	Jul 1 to Date 2013 – 2014 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2014- 2015
Eureka	21.51	126	5.12	30	53
Redding	19.69	143	3.50	25	57
Sacramento	10.85	164	1.90	29	59
San Francisco	15.09	166	2.08	23	64
Fresno	3.38	92	0.73	20	29
Bakersfield	2.68	129	1.07	51	41
Los Angeles	4.89	122	1.04	26	38
San Diego	4.95	150	2.24	68	48

Key Reservoir Storage (1,000 AF) as of 12/31/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	815	1,642	50	2,448	33	---	1,633
Shasta Lake	Sacramento	1,867	2,828	66	4,552	41	-1,466	2,685
Lake Oroville	Feather	1,347	2,174	62	3,538	38	-1,553	2,191
New Bullards Bar Res	Yuba	485	546	89	970	50	-311	481
Folsom Lake	American	430	476	90	977	44	-147	547
New Melones Res	Stanislaus	547	1,382	40	2,400	23	-1,423	1,873
Don Pedro Res	Tuolumne	794	1,339	59	2,030	39	-896	1,236
Lake McClure	Merced	73	452	16	1,032	7	-601	952
Millerton Lake	San Joaquin	180	271	66	520	35	-255	340
Pine Flat Res	Kings	130	408	32	1,000	13	-395	870
Isabella	Kern	45	159	28	568	8	-125	523
San Luis Res	(Offstream)	820	1,388	59	2,041	40	---	1,219

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for January 2015, issued December 31, 2014, suggests above average rainfall for Southern California. Central and most of Northern California are shown as having equal chances of wet or dry conditions. For the extreme northeastern portion of the State, below average precipitation is suggested.