

## California Weather-Hydro Conditions during March 2014

As of March 31, statewide hydrologic conditions were as follows: precipitation, 50 percent of average to date; runoff, 35 percent of average to date; snow water equivalent, 25 percent of average for the date (25 percent of the April 1 average); and reservoir storage, 70 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through March 31, 2014 was about 4.3 million acre-feet (MAF), which is about 39 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through March 31, 2013 was about 8.2 MAF, or about 75 percent of average.

On March 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 26.1 inches, which is about 63 percent of the seasonal average to date and 52 percent of an average water year (50.0 inches). During March, the total precipitation for the 8-Stations was 10.0 inches, or about 145 percent of average for the month. Last year on March 31, the Water Year 2013 seasonal total for the 8-Stations was 39.5 inches, or about 95 percent of average.

On March 31, the San Joaquin 5-Station Precipitation Index Water Year total was 15.0 inches, which is about 45 percent of the seasonal average to date and 37 percent of an average water year (40.8 inches). During March, the total precipitation for the 5-Stations was 4.7 inches, or about 77 percent of average for the month. Last year on March 31, the Water Year 2013 seasonal total for the 5-Stations was 23.9 inches, or about 71 percent of average.

Selected Cities Precipitation Accumulation as of 03/31/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2013 – 2014 (in inches)	% Avg	Jul 1 to Date 2012 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2013- 2014
Eureka	18.81	55	28.27	82	47
Redding	17.38	59	24.12	81	50
Sacramento	7.93	48	13.99	85	43
San Francisco	10.91	51	15.41	72	46
Fresno	3.85	39	5.51	56	33
Bakersfield	1.81	32	3.05	54	28
Los Angeles	4.19	35	6.44	54	33
San Diego	4.53	48	6.23	66	44

Key Reservoir Storage (1,000 AF) as of 03/31/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,307	1,927	68	2,448	53	---	1,141
Shasta Lake	Sacramento	2,199	3,691	60	4,552	48	-2,353	2,353
Lake Oroville	Feather	1,716	2,696	64	3,538	49	-1,169	1,822
New Bullards Bar Res	Yuba	601	701	86	966	62	-195	365
Folsom Lake	American	436	628	69	977	45	-238	541
New Melones Res	Stanislaus	1,037	1,510	69	2,420	43	-1,002	1,383
Don Pedro Res	Tuolumne	1,084	1,483	73	2,030	53	-606	946
Lake McClure	Merced	236	565	42	1,025	23	-499	789
Millerton Lake	San Joaquin	168	366	46	520	32	-353	352
Pine Flat Res	Kings	221	564	39	1,000	22	-690	779
Isabella	Kern	60	201	30	568	11	-301	508
San Luis Res	(Offstream)	856	1,846	46	2,039	42	---	1,183

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for April 2014, issued March 31, 2014, suggests average rainfall for most of California, except the extreme southeastern portion of the State, where below average precipitation is indicated.