

California Weather-Hydro Conditions during January 2015

As of January 31, statewide hydrologic conditions were as follows: precipitation, 80 percent of average to date; runoff, 65 percent of average to date; snow water content, 20 percent of average to date (10 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 January 31, 2015 was about 4.3 million acre-feet (MAF), which is about 76 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through January 31, 2014 was about 1.4 MAF, or about 24 percent of average.

On January 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 23.1 inches, which is about 87 percent of the seasonal average to date and 46 percent of an average water year (50.0 inches). During January, the total precipitation for the 8-Stations was 0.3 inches, or about 3 percent of average for the month. Last year on January 31, the Water Year 2014 seasonal total for the 8-Stations was 4.5 inches, or about 17 percent of average.

On January 31, the San Joaquin 5-Station Precipitation Index Water Year total was 9.3 inches, which is about 45 percent of the seasonal average to date and 23 percent of an average water year (40.8 inches). During January, the total precipitation for the 5-Stations was 0.2 inches, or about 3 percent of average for the month. Last year on January 31, the Water Year 2014 seasonal total for the 5-Stations was 4.5 inches, or about 22 percent of average.

Selected Cities Precipitation Accumulation as of 01/31/2015 (Water Year: Oct through Sep)					
City	Oct 1 to Date 2014 – 2015 (in inches)	% Avg	Oct 1 to Date 2013 – 2014 (in inches)	% Avg	% Avg Water Year Oct 1 to Sep 30 2014- 2015
Eureka	19.14	85	3.03	13	47
Redding	16.55	88	2.53	13	48
Sacramento	10.41	105	1.46	15	56
San Francisco	14.45	108	1.71	13	61
Fresno	3.40	60	1.29	23	30
Bakersfield	3.36	108	1.19	38	52
Los Angeles	5.71	80	0.88	12	38
San Diego	5.30	104	2.20	43	51

Key Reservoir Storage (1,000 AF) as of 01/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	874	1,730	50	2,448	36	---	1,574
Shasta Lake	Sacramento	2,001	3,072	65	4,552	44	-1,805	2,551
Lake Oroville	Feather	1,444	2,317	62	3,538	41	-1,718	2,094
New Bullards Bar Res	Yuba	503	584	86	970	52	-293	463
Folsom Lake	American	448	508	88	977	46	-129	529
New Melones Res	Stanislaus	563	1,423	40	2,400	23	-1,407	1,857
Don Pedro Res	Tuolumne	827	1,391	59	2,030	41	-863	1,203
Lake McClure	Merced	64	489	13	1,032	6	-610	961
Millerton Lake	San Joaquin	186	333	56	520	36	-249	334
Pine Flat Res	Kings	132	470	28	1,000	13	-393	868
Isabella	Kern	45	173	26	568	8	-125	523
San Luis Res	(Offstream)	1,103	1,607	69	2,041	54	---	936

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for February 2015, issued January 31, 2015, suggests equal chances of wet or dry conditions for most of California. For the northwestern portion of the State, above average precipitation is suggested.