

California Weather-Hydro Conditions during October 2013

As of October 31, statewide hydrologic conditions were as follows: precipitation, 25 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 75 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through October 31, 2013 was about 0.3 million acre-feet (MAF), which is about 67 percent of average. For comparison during Water Year 2013, the observed Sacramento River Region unimpaired runoff through October 31, 2012 was about 0.4 MAF, or about 72 percent of average.

On October 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 0.8 inches, which is about 27 percent of the seasonal average to date and 2 percent of an average water year (50.0 inches). During October, the total precipitation for the 8-Stations was 0.8 inches, or about 27 percent of average for the month. Last year on October 31, the Water Year 2013 seasonal total for the 8-Stations was 2.7 inches, or about 90 percent of average.

On October 31, the San Joaquin 5-Station Precipitation Index Water Year total was 0.9 inches, which is about 45 percent of the seasonal average to date and 2 percent of an average water year (40.8 inches). During October, the total precipitation for the 5-Stations was 0.9 inches, or about 45 percent of average for the month. Last year on October 31, the Water Year 2013 seasonal total for the 5-Stations was 1.3 inches, or about 65 percent of average.

Selected Cities Precipitation Accumulation as of 10/31/2013 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2013 – 2013 (in inches)	% Avg	Jul 1 to Date 2012 – 2012 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2013- 2014
Eureka	3.27	98	3.50	105	8
Redding	1.40	47	2.35	78	4
Sacramento	0.59	46	1.17	91	3
San Francisco	0.43	31	1.49	107	2
Fresno	0.04	5	0.25	30	0
Bakersfield	0.03	7	0.04	10	0
Los Angeles	0.05	6	0.15	18	0
San Diego	0.30	39	0.70	91	3

Key Reservoir Storage (1,000 AF) as of 10/31/2013								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,222	1,614	76	2,448	50	---	1,226
Shasta Lake	Sacramento	1,744	2,755	63	4,552	38	-2,147	2,808
Lake Oroville	Feather	1,528	2,164	71	3,538	43	-1,635	2,010
New Bullards Bar Res	Yuba	504	533	95	966	52	-292	462
Folsom Lake	American	292	496	59	977	30	-432	685
New Melones Res	Stanislaus	1,025	1,302	79	2,420	42	-945	1,395
Don Pedro Res	Tuolumne	1,024	1,297	79	2,030	50	-666	1,006
Lake McClure	Merced	258	451	57	1,025	25	-416	767
Millerton Lake	San Joaquin	278	189	147	520	53	-158	242
Pine Flat Res	Kings	159	350	46	1,000	16	-706	841
Isabella	Kern	53	159	33	568	9	-117	515
San Luis Res	(Offstream)	434	1,105	39	2,039	21	---	1,605

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2013, issued October 31, 2013, suggests no tendency for above or below average rainfall for California.