

California Weather-Hydro Conditions during September 2012

As of September 30, the end of Water Year 2012, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 60 percent of average to date; and reservoir storage, 95 percent of average for the date. Sacramento River Region unimpaired runoff observed through September 30, 2012 was about 11.8 million acre-feet (MAF), which is about 65 percent of average. For comparison, on September 30, 2011, the observed Sacramento River Region unimpaired runoff through that date was about 25.2 MAF, or about 138 percent of average.

On September 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 41.6 inches, which is about 83 percent of an average water year (50.0 inches). During September, the total precipitation for the 8-Stations was 0.0 inches. Last year on September 30, the seasonal total for the 8-Stations was 72.7 inches, or about 145 percent of an average water year.

On September 30, the San Joaquin 5-Station Precipitation Index Water Year total was 25.0 inches, which is about 61 percent of an average water year (40.8 inches). During September, the total precipitation for the 5-Stations was 0.1 inches, which is about 13 percent of the monthly average. Last year on September 30, the seasonal total for the 5-Stations to date was 65.3 inches, or about 160 percent of an average water year.

Selected Cities Precipitation Accumulation as of 09/30/2012 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2012 - 2012 (in inches)	% Avg	Jul 1 to Date 2011 - 2011 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2012- 2013
Eureka	0.78	72	0.58	54	2
Redding	0.00	0	0.28	31	0
Sacramento	0.03	9	0.01	3	0
San Francisco	0.02	7	0.11	41	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.02	17	0.00	0	0
Los Angeles	0.00	0	0.01	3	0
San Diego	0.00	0	0.13	65	0

Key Reservoir Storage (1,000 AF) as of 09/30/2012								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,800	1,700	106	2,448	74	---	648
Shasta Lake	Sacramento	2,592	2,810	92	4,552	57	-1,961	1,960
Lake Oroville	Feather	1,977	2,252	88	3,538	56	-1,373	1,561
New Bullards Bar Res	Yuba	628	590	106	966	65	-283	338
Folsom Lake	American	452	558	81	977	46	-525	525
New Melones Res	Stanislaus	1,511	1,331	113	2,420	62	-763	909
Don Pedro Res	Tuolumne	1,235	1,363	91	2,030	61	-538	795
Lake McClure	Merced	440	509	87	1,025	43	-412	585
Millerton Lake	San Joaquin	318	203	157	520	61	-202	202
Pine Flat Res	Kings	193	348	56	1,000	19	-807	807
Isabella	Kern	88	184	48	568	16	-216	480
San Luis Res	(Offstream)	640	993	64	2,039	31	---	1,399

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for October 2012, issued September 30, 2012, suggests below average rainfall for all of California. The driest conditions are expected in the Central and Southern portions of the State.