

California Weather-Hydro Conditions during August 2012

As of August 31, 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 August 31, 2012 was about 11.5 million acre-feet (MAF), which is about 64 percent of average. For comparison, on August 31, 2011, the observed Sacramento River Region unimpaired runoff through that date was about 24.8 MAF, or about 139 percent of average.

On August 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 41.6 inches, which is about 85 percent of the seasonal average to date and 83 percent of an average water year (50.0 inches). During August, the total precipitation for the 8-Stations was 0.0 inches. Last year on August 31, the seasonal total for the 8-Stations was 72.2 inches, or about 147 percent of average for the date.

On August 31, the San Joaquin 5-Station Precipitation Index Water Year total was 24.9 inches, which is about 62 percent of the seasonal average to date and 61 percent of an average water year (40.8 inches). During August, the total precipitation for the 5-Stations was 0.2, which is about 100 percent of the monthly average. Last year on August 31, the seasonal total for the 5-Stations to date was 64.5 inches, or about 161 percent of average for the date.

Selected Cities Precipitation Accumulation as of 08/31/2012 (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	0.74	151	0.21	43	2
Redding	0.00	0	0.15	56	0
Sacramento	0.03	60	0.00	0	0
San Francisco	0.02	33	0.11	183	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.02	50	0.00	0	0
Los Angeles	0.00	0	0.00	0	0
San Diego	0.00	0	0.00	0	0

Key Reservoir Storage (1,000 AF) as of 08/31/2012								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,934	1,839	105	2,448	79	---	514
Shasta Lake	Sacramento	2,795	2,966	94	4,552	61	-1,758	1,757
Lake Oroville	Feather	2,230	2,377	94	3,538	63	-1,308	1,308
New Bullards Bar Res	Yuba	676	653	103	966	70	-290	290
Folsom Lake	American	503	621	81	977	51	-474	474
New Melones Res	Stanislaus	1,556	1,374	113	2,420	64	-864	864
Don Pedro Res	Tuolumne	1,302	1,427	91	2,030	64	-728	728
Lake McClure	Merced	500	584	86	1,025	49	-525	525
Millerton Lake	San Joaquin	271	230	118	520	52	-249	249
Pine Flat Res	Kings	206	387	53	1,000	21	-794	794
Isabella	Kern	96	212	45	568	17	-265	472
San Luis Res	(Offstream)	599	890	67	2,039	29	---	1,440

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for September 2012, issued August 31, 2012, suggests no tendency for above or below average rainfall for Northern and most of Central California. Above average rainfall is indicated for the southeastern portion and part of the central region of the State.