

California Weather-Hydro Conditions during July 2012

As of July 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 July 31, 2012 was about 11.1 million acre-feet (MAF), which is about 64 percent of average. For comparison, on July 31, 2011, the observed Sacramento River Region unimpaired runoff through that date was about 24.2 MAF, or about 139 percent of average.

On July 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 41.5 inches, which is about 85 percent of the seasonal average to date and 83 percent of an average water year (50.0 inches). During July, the total precipitation for the 8-Stations was 0.2 inches, which is about 100 percent of the monthly average. Last year on July 31, the seasonal total for the 8-Stations was 72.2 inches, or about 148 percent of average for the date.

On July 31, the San Joaquin 5-Station Precipitation Index Water Year total was 24.7 inches, which is about 62 percent of the seasonal average to date and 61 percent of an average water year (40.8 inches). During July, the total precipitation for the 5-Stations was 0.0 inches. Last year on July 31, the seasonal total for the 5-Stations to date was 64.4 inches, or about 162 percent of average for the date.

Selected Cities Precipitation Accumulation as of 07/31/2012 (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	0.67	372	0.17	94	2
Redding	0.00	0	0.15	167	0
Sacramento	0.03	0	0.00	0	0
San Francisco	0.01	0	0.08	0	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.02	0	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 07/31/2012								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,079	1,992	104	2,448	85	---	369
Shasta Lake	Sacramento	3,271	3,322	98	4,552	72	-1,281	1,281
Lake Oroville	Feather	2,673	2,638	101	3,538	76	-865	865
New Bullards Bar Res	Yuba	790	752	105	966	82	-176	176
Folsom Lake	American	622	709	88	977	64	-355	355
New Melones Res	Stanislaus	1,638	1,454	113	2,420	68	-782	782
Don Pedro Res	Tuolumne	1,430	1,537	93	2,030	70	-600	600
Lake McClure	Merced	595	681	87	1,025	58	-429	430
Millerton Lake	San Joaquin	323	326	99	520	62	-197	197
Pine Flat Res	Kings	314	519	60	1,000	31	-686	686
Isabella	Kern	120	269	44	568	21	-242	448
San Luis Res	(Offstream)	678	1,037	65	2,039	33	---	1,361

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for August 2012, issued July 31, 2012, suggests no tendency for above or below average rainfall for California, except the southeastern portion of the State where above average rainfall is indicated.