

California Weather-Hydro Conditions during July 2013

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, 80 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2013, observed through July 31, 2013 was about 11.2 million acre-feet (MAF), which is about 64 percent of average. For comparison during Water Year 2012, the observed Sacramento River Region unimpaired runoff through July 31, 2012 was about 11.1 MAF, or about 64 percent of average.

On July 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 44.3 inches, which is about 91 percent of the seasonal average to date and 89 percent of an average water year (50.0 inches). During July, the total precipitation for the 8-Stations was 0.0 inches. Last year on July 31, the seasonal total for the 8-Stations was 41.5 inches, or about 85 percent of average for the date. The combined total January through May precipitation, in Water Year 2013, is the driest in about 90 years of record.

On July 31, the San Joaquin 5-Station Precipitation Index Water Year total was 26.2 inches, which is about 66 percent of the seasonal average to date and 64 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 was 24.7 inches, or about 62 percent of average for the date. The combined total January through May precipitation, in Water Year 2013, is the driest in about 90 years of record.

Selected Cities Precipitation Accumulation as of 07/31/2013 (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	0.00	0	0.67	372	0
Redding	0.00	0	0.00	0	0
Sacramento	0.00	0	0.03	0	0
San Francisco	0.00	0	0.01	0	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.00	0	0.02	0	0
Los Angeles	0.03	100	0.00	0	0
San Diego	0.05	167	0.00	0	0

Key Reservoir Storage (1,000 AF) as of 07/31/2013								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,590	1,992	80	2,448	65	---	858
Shasta Lake	Sacramento	2,434	3,322	73	4,552	53	-2,118	2,118
Lake Oroville	Feather	2,144	2,638	81	3,538	61	-1,394	1,394
New Bullards Bar Res	Yuba	654	752	87	966	68	-312	312
Folsom Lake	American	525	709	74	977	54	-452	452
New Melones Res	Stanislaus	1,159	1,454	80	2,420	48	-1,261	1,261
Don Pedro Res	Tuolumne	1,253	1,537	82	2,030	62	-777	777
Lake McClure	Merced	433	681	64	1,025	42	-592	592
Millerton Lake	San Joaquin	360	326	110	520	69	-161	160
Pine Flat Res	Kings	189	519	36	1,000	19	-811	811
Isabella	Kern	71	269	26	568	12	-291	497
San Luis Res	(Offstream)	319	1,037	31	2,039	16	---	1,720

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