

California Weather-Hydro Conditions during July 2011

As of August 1, 2011, statewide hydrologic conditions were as follows: precipitation, 140 percent of average to date; runoff, 140 percent of average to date; and reservoir storage, 120 percent of average for the date. Sacramento River Region unimpaired runoff observed through July 31, 2011 was about 24.1 million acre-feet (MAF), which is about 136 percent of average. For comparison, on July 31, 2010, the observed Sacramento River Region unimpaired runoff through that date was about 15.2 MAF, or about 85 percent of average.

July was generally dry, up and down the State. On August 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 72.2 inches, which is about 148 percent of the seasonal average to date and 144 percent of an average water year (50.0 inches). During July, the total precipitation for the 8-Stations was 0.0 inches, compared to 0.2 of an inch for the monthly average. Last year on August 1, the seasonal total for the 8-Stations was 53.0 inches, or about 109 percent of average for the date.

On August 1, the San Joaquin 5-Station Precipitation Index Water Year total was 64.1 inches, which is about 161 percent of the seasonal average to date and 157 percent of an average water year (40.8 inches). During July, the total precipitation for the 5-Stations was 0.0 inches, compared to 0.3 of an inch for the monthly average. Last year on August 1, the seasonal total for the 5-Stations to date was 44.7 inches, or about 112 percent of average for the date.

Selected Cities Precipitation Accumulation as of 07/31/2011 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2011 - 2011 (in inches)	% Avg	Jul 1 to Date 2010 - 2010 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2011- 2012
Eureka	0.17	106	0.04	25	0
Redding	0.15	300	0.00	0	0
Sacramento	0.00	0	0.00	0	0
San Francisco	0.08	200	0.00	0	0
Fresno	0.00	0	0.00	0	0
Bakersfield	0.00	0	0.00	0	0
Los Angeles	0.00	0	0.00	0	0
San Diego	0.00	0	0.02	67	0

Key Reservoir Storage (1,000 AF) as of 07/31/2011								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,377	1,992	119	2,448	97	---	71
Shasta Lake	Sacramento	4,035	3,322	121	4,552	89	-517	517
Lake Oroville	Feather	3,499	2,638	133	3,538	99	-39	39
New Bullards Bar Res	Yuba	866	752	115	966	90	-100	100
Folsom Lake	American	932	709	131	977	95	-45	45
New Melones Res	Stanislaus	2,276	1,454	157	2,420	94	-144	144
Don Pedro Res	Tuolumne	2,016	1,537	131	2,030	99	-14	14
Lake McClure	Merced	981	681	144	1,025	96	-44	44
Millerton Lake	San Joaquin	492	326	151	520	95	-28	28
Pine Flat Res	Kings	910	519	175	1,000	91	-90	90
Isabella	Kern	337	269	125	568	59	-24	231
San Luis Res	(Offstream)	1,686	1,037	163	2,039	83	---	353

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for August 2011, issued July 31, 2011, suggests no tendency for above or below average rainfall for all of California.