

## California Weather-Hydro Conditions during July 2010

As of July 31, 2010, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 90 percent of average to date; and reservoir storage, 105 percent of average for the date. Sacramento River unimpaired runoff observed through July 31, 2010 was about 15.2 million acre-feet (MAF), which is about 85 percent of average. For comparison, on July 31, 2009, the observed Sacramento River unimpaired runoff through that date was about 12.4 MAF, or about 69 percent of average.

In general, July was a continuation of this year's cool spring and summer. On August 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 53.0 inches, which is about 108 percent of the seasonal average to date and about 106 percent of an average water year (50 inches). During July, the precipitation total for the 8-Stations was 0.07 inches, or about 35 percent of average. Last year on August 1, the seasonal total for the 8-Stations to date was 46.5 inches, or about 95 percent of the seasonal average to date.

Selected Cities Precipitation Accumulation as of 7/31/2010 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2010 - 2010 (in inches)	% Avg	Jul 1 to Date 2009 - 2009 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2010 - 2011
Eureka	0.04	0	0.06	0	0
Redding	0.00	0	0.00	0	0
Sacramento	0.00	0	0.00	0	0
San Francisco	0.00	0	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	0.02	0	0.00	0	0

Key Reservoir Storage (1,000 AF) as of 7/31/2010								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,734	1,992	87	2,448	71	---	714
Shasta Lake	Sacramento	3,841	3,322	116	4,552	84	-711	711
Lake Oroville	Feather	2,408	2,638	91	3,538	68	-1,130	1,130
New Bullards Bar Res	Yuba	784	752	104	966	81	-182	182
Folsom Lake	American	754	709	106	977	77	-223	223
New Melones Res	Stanislaus	1,372	1,454	94	2,420	57	-1,048	1,048
Don Pedro Res	Tuolumne	1,904	1,537	124	2,030	94	-126	126
Lake McClure	Merced	888	681	130	1,025	87	-137	137
Millerton Lake	San Joaquin	424	326	130	520	82	-97	96
Pine Flat Res	Kings	712	519	137	1,000	71	-288	288
Isabella	Kern	294	269	109	568	52	-274	274
San Luis Res	(Offstream)	904	1,037	87	2,039	44	---	1,135

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month weather precipitation outlook for August 2010, issued July 31, 2010, suggests no tendency for above or below average rainfall for most of Northern California and below average rainfall for most of Southern California.