

California Weather-Hydro Conditions during November 2010

As of November 30, 2010, statewide hydrologic conditions were as follows: precipitation, 155 percent of average to date; runoff, 115 percent of average to date; and reservoir storage, 105 percent of average for the date. Sacramento River unimpaired runoff observed through November 30, 2010 was about 1.4 million acre-feet (MAF), which is about 97 percent of average. For comparison, on November 30, 2009, the observed Sacramento River unimpaired runoff through that date was about 0.9 MAF, or about 65 percent of average.

On December 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 15.5 inches, which is about 167 percent of the seasonal average to date and 31 percent of an average water year (50.0 inches). Last year on December 1, the seasonal total for the 8-Stations was 6.8 inches, or about 73 percent of average for the date.

On December 1, the San Joaquin 5-Station Precipitation Index Water Year total was 14.2 inches, which is about 212 percent of the seasonal average to date and 35 percent of an average water year (40.8 inches). Last year on December 1, the seasonal total for the 5-Stations to date was 6.4 inches, or about 96 percent of average for the date.

Selected Cities Precipitation Accumulation as of 11/30/2010 (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	10.52	110	7.21	76	28
Redding	7.38	106	2.78	40	22
Sacramento	3.83	108	3.64	103	21
San Francisco	3.26	85	3.43	90	16
Fresno	2.24	110	1.60	79	20
Bakersfield	1.43	128	0.19	17	22
Los Angeles	2.15	112	1.31	68	16
San Diego	3.11	169	0.12	7	29

Key Reservoir Storage (1,000 AF) as of 11/30/2010								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,536	1,614	95	2,448	63	---	912
Shasta Lake	Sacramento	3,224	2,777	116	4,552	71	-28	1,328
Lake Oroville	Feather	1,638	2,192	75	3,538	46	-1,422	1,900
New Bullards Bar Res	Yuba	626	523	120	966	65	-170	340
Folsom Lake	American	550	467	118	977	56	-27	427
New Melones Res	Stanislaus	1,317	1,318	100	2,420	54	-653	1,103
Don Pedro Res	Tuolumne	1,666	1,311	127	2,030	82	-24	364
Lake McClure	Merced	664	449	148	1,025	65	-10	361
Millerton Lake	San Joaquin	292	218	134	520	56	-144	228
Pine Flat Res	Kings	409	376	109	1,000	41	-213	591
Isabella	Kern	158	150	105	568	28	-12	410
San Luis Res	(Offstream)	1,143	1,247	92	2,039	56	---	896

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month weather precipitation outlook for December 2010, issued November 2010, suggests above average rainfall for Northern California and below average rainfall for the southern portion of the State. No tendency for above or below average rainfall is suggested for Central California.