

## California Weather-Hydro Conditions during September 2009

As of September 30, 2009, the end of Water Year 2009, statewide hydrologic conditions were as follows: precipitation, 80 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 80 percent of average for the date. Sacramento River unimpaired runoff observed through September 30, 2009 was about 12.9 million acre-feet (MAF), which is about 69 percent of average. (On September 30, 2008, the observed Sacramento River unimpaired runoff through that date was about 10.3 MAF, or about 55 percent of average.)

As of September 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 46.6 inches, 93 percent of an average water year (50 inches). Last year on September 30 (the end of Water Year 2008), the seasonal total to date was 34.9 inches, 70 percent of an average water year.

Selected Cities Precipitation Accumulation as of 9/30/2009 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2008 - 2009 (in inches)	% Avg	Jul 1 to Date 2007 - 2008 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2008 - 2009
Eureka	1.11	79	0.54	39	3
Redding	0.12	16	0.01	1	0
Sacramento	0.14	30	0.00	0	1
San Francisco	0.27	90	0.01	3	1
Fresno	0.01	4	0.01	4	0
Bakersfield	0.01	4	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 9/30/2009								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	919	1,700	54	2,448	38	---	1,529
Shasta Lake	Sacramento	1,774	2,810	63	4,552	39	-2,778	2,778
Lake Oroville	Feather	1,337	2,252	59	3,538	38	-2,014	2,201
New Bullards Bar Res	Yuba	614	590	104	966	64	-297	352
Folsom Lake	American	412	558	74	977	42	-565	565
New Melones Res	Stanislaus	1,108	1,331	83	2,420	46	-1,165	1,312
Don Pedro Res	Tuolumne	1,443	1,363	106	2,030	71	-329	587
Lake McClure	Merced	432	509	85	1,025	42	-420	593
Millerton Lake	San Joaquin	350	203	173	520	67	-170	170
Pine Flat Res	Kings	200	348	57	1,000	20	-800	800
Isabella	Kern	102	184	55	568	18	-202	466
San Luis Res	(Offstream)	421	993	42	2,039	21	---	1,618

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for October 2009, issued September 30, 2009, forecasts average precipitation for all of California.