

California Weather-Hydro Conditions during January 2009

As of January 31, 2009, statewide hydrologic conditions were as follows: precipitation, 65 percent of average to date; runoff, 35 percent of average to date; and reservoir storage, 65 percent of average for the date. The snowpack was at about 60 percent of its average value for the date. Sacramento River unimpaired runoff observed through January 31, 2009 was about 2.1 million acre-feet (MAF), which is about 36 percent of average. (On January 31, 2008, the observed Sacramento River unimpaired runoff through that date was about 2.9 MAF or about 51 percent of average.)

For California statewide, January 2009 was the eighth driest January on record, with precipitation at about 30 percent of average for the month. In general, temperatures were significantly above average. On February 1, 2009, the Northern Sierra 8-station Precipitation Index had accumulated a seasonal total of 17.7 inches, which is 66% of the seasonal average to date and 35% of an average Water Year (50.0 inches). During January 2009, the 8-Station Index received only 3.1 inches, about 34% of average. Last year at this time, the 8-Station Index had 25.1 inches for the seasonal total.

Selected Cities Precipitation Accumulation as of 2/01/2009 (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	13.76	62	26.10	118	36
Redding	8.39	46	19.76	108	25
Sacramento	6.14	62	11.81	118	34
San Francisco	5.70	50	13.25	117	28
Fresno	3.72	66	6.00	107	33
Bakersfield	2.07	67	1.50	48	32
Los Angeles	4.52	66	7.95	117	34
San Diego	6.13	111	5.53	100	57

Key Reservoir Storage (1,000 AF) as of 2/01/2009								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	982	1,766	56	2,448	40	---	1,466
Shasta Lake	Sacramento	1,416	3,141	45	4,552	31	-2,434	3,136
Lake Oroville	Feather	1,022	2,388	43	3,538	29	-2,141	2,516
New Bullards Bar Res	Yuba	477	583	82	966	49	-319	489
Folsom Lake	American	247	517	48	977	25	-330	730
New Melones Res	Stanislaus	1,169	1,393	84	2,420	48	-801	1,251
Don Pedro Res	Tuolumne	1,101	1,387	79	2,030	54	-589	929
Lake McClure	Merced	285	502	57	1,025	28	-389	740
Millerton Lake	San Joaquin	230	340	67	520	44	-191	290
Pine Flat Res	Kings	229	480	48	1,000	23	-511	771
Isabella	Kern	125	169	74	568	22	-120	443
San Luis Res	(Offstream)	704	1,631	43	2,039	35	---	1,335

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for February 2009, issued January 31, 2009, forecasts average precipitation for all of California.