

B120UP.201505 (05/28/15 1249)DEPARTMENT OF WATER RESOURCES
California Cooperative Snow SurveysWATER SUPPLY FORECAST UPDATE
2015 April-July Unimpaired Runoff (1,000 Acre-feet)

	May 1	%Avg	May 12	%Avg	May 19	%Avg	May 26	%Avg

Shasta Lake, Total Inflow								1806
90% Exceedance	600	33%	620	34%	640	35%	680	38%
50% Exceedance	710	39%	700	39%	715	40%	730	40%
10% Exceedance	860	48%	790	44%	800	44%	800	44%
Sacramento River, above Bend Bridge (near Red Bluff)								2485
90% Exceedance	800	32%	780	31%	870	35%	920	37%
50% Exceedance	970	39%	960	39%	990	40%	990	40%
10% Exceedance	1140	46%	1050	42%	1120	45%	1070	43%
Feather River at Oroville								1758
90% Exceedance	270	15%	290	16%	285	16%	285	16%
50% Exceedance	340	19%	320	18%	310	18%	310	18%
10% Exceedance	500	28%	410	23%	370	21%	340	19%
Yuba River near Smartsville								996
90% Exceedance	130	13%	105	11%	112	11%	130	13%
50% Exceedance	165	17%	133	13%	130	13%	140	14%
10% Exceedance	230	23%	170	17%	160	16%	155	16%
American River, below Folsom Lake								1231
90% Exceedance	145	12%	135	11%	145	12%	165	13%
50% Exceedance	175	14%	157	13%	165	13%	175	14%
10% Exceedance	250	20%	190	15%	190	15%	195	16%
Mokelumne River, Inflow to Pardee Reservoir								468
90% Exceedance	60	13%	55	12%	59	13%	64	14%
50% Exceedance	75	16%	67	14%	67	14%	69	15%
10% Exceedance	100	21%	80	17%	80	17%	80	17%
Stanislaus River, below Goodwin Res. (blw New Melones)								699
90% Exceedance	70	10%	69	10%	88	13%	100	14%
50% Exceedance	95	14%	95	14%	100	14%	110	16%
10% Exceedance	160	23%	140	20%	135	19%	135	19%
Tuolumne River, below La Grange Res. (blw Don Pedro)								1221
90% Exceedance	190	16%	175	14%	215	18%	235	19%
50% Exceedance	240	20%	227	19%	240	20%	255	21%
10% Exceedance	300	25%	290	24%	280	23%	280	23%
Merced River, below Merced Falls (blw Lake McClure)								636
90% Exceedance	65	10%	65	10%	73	11%	83	13%
50% Exceedance	85	13%	80	13%	85	13%	90	14%
10% Exceedance	140	22%	110	17%	105	17%	100	16%
San Joaquin River, below Millerton Lake								1258
90% Exceedance	105	8%	100	8%	115	9%	140	11%
50% Exceedance	130	10%	139	11%	143	11%	160	13%
10% Exceedance	210	17%	185	15%	180	14%	185	15%
Kings River, below Pine Flat Reservoir								1236
90% Exceedance	110	9%	105	8%	115	9%	140	11%
50% Exceedance	135	11%	135	11%	140	11%	160	13%
10% Exceedance	210	17%	190	15%	180	15%	185	15%
Kaweah River, below Terminus Reservoir								290
90% Exceedance	30	10%	21	7%	23	8%	27	9%
50% Exceedance	38	13%	26	9%	27	9%	31	11%
10% Exceedance	55	19%	38	13%	34	12%	37	13%
Tule River, below Lake Success								64
90% Exceedance	1	2%	1.0	2%	1.3	2%	1.4	2%
50% Exceedance	2	3%	1.2	2%	1.5	2%	1.6	3%
10% Exceedance	11	17%	6.0	9%	3.0	5%	2.0	3%
Kern River, inflow to Isabella Lake								465
90% Exceedance	35	8%	32	7%	37	8%	43	9%
50% Exceedance	45	10%	47	10%	46	10%	50	11%
10% Exceedance	90	19%	80	17%	66	14%	64	14%

Questions regarding this forecast:

John King: (916) 574-2637 (e-mail John.J.King@water.ca.gov)Steve Nemeth: (916) 574-2634 (e-mail Stephen.Nemeth@water.ca.gov)

Dave Rizzardo: (916) 574-2983 (e-mail David.Rizzardo@water.ca.gov)
Andy Reising: (916) 574-2181 (e-mail Andrew.Reising@water.ca.gov)
Sean de Guzman: (916) 574-2208 (e-mail Sean.deGuzman@water.ca.gov)

Runoff forecasts are unimpaired (full natural) flows which represent the natural water production of the river basin, unaltered by upstream diversions, storage, or export or import of water to or from other watersheds. The median (50%) forecast assumes median conditions after the date of forecast. Runoff exceedance levels are derived from historical data. The 90 percent exceedance level and the 10 percent exceedance level together comprise a range about the median forecast in which the actual runoff should fall 8 times out of 10. Forecasts are stated in 1,000's of acre-feet and percent of (50-year) average. The averages are for the period 1961 to 2010.

[Back](#)