

During May, the Northern Sierra 8-Station Index gained 1.4" of rainfall, which is 67% of the month's average. This is the first month since October that had below average precipitation for the 8-Station Index. The 8-station's seasonal total to date, as of June 1, was 79.7", which is 167% of the seasonal normal to date and 159% of a normal Water Year (50"). (Last year at this time, the 8-Stations had 54.5", or 114% of the seasonal normal.) Water Year 2006 is now the fifth wettest year for 8-Station precipitation on record. Most other locations in California (and the Pacific Northwest) also have above average seasonal precipitation, although Southern California is still below normal, as in much of the American Southwest. During May, snowmelt rates greatly increased in the Sierra because of the warm weather. Many basins in Arizona and New Mexico are now snow-free.

Selected Cities Precipitation Accumulation as of 06/01/2006					
	Jul 1 to Date 2005 - 2006 (in inches)	% Avg	Jul 1 to Date 2004 - 2005 (in inches)	% Avg	% Avg Jul 1 to Jun 30 2005 - 2006
Eureka	58.49	156	41.34	110	153
Redding	45.03	137	37.99	116	134
Sacramento	25.63	130	23.84	121	128
San Jose	22.54	150	24.27	162	149
Fresno	14.56	132	15.83	144	129
Bakersfield	6.85	108	9.20	144	105
Los Angeles	13.19	87	37.25	247	87
San Diego	5.42	51	22.47	210	50

Key Reservoir Storage (1,000 AF) as of 06/01/2006 midnight								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,429	2,157	113	2,448	99	---	19
Shasta Lake	Sacramento	4,467	3,947	113	4,552	98	-85	85
Lake Oroville	Feather	3,480	3,056	114	3,538	98	-58	58
New Bullards Bar Res	Yuba	937	828	113	966	97	-29	29
Folsom Lake	American	928	837	111	977	95	-49	49
New Melones Res	Stanislaus	2,287	1,468	156	2,420	95	-133	133
Don Pedro Res	Tuolumne	1,884	1,500	126	2,030	93	-118	146
Lake McClure	Merced	932	701	133	1,025	91	26	93
Millerton Lake	San Joaquin	473	401	118	520	91	144	47
Pine Flat Res	Kings	919	720	128	1,000	92	168	81
Isabella	Kern	413	279	148	568	73	-155	155
San Luis Res	(Offstream)	1,897	1,706	111	2,039	93	---	142

On June 1, Water Year 2006 (October 1, 2005 through May 31, 2006) statewide conditions were as follows: precipitation, 140% of average to date; runoff, 170% of average to date; and reservoir storage, 120% for the date. As of May 30, the forecast median April-July runoff indicated the following percent of historical average: Shasta through American River, 186%; Mokelumne through San Joaquin River, 178%; and the Kings through Kern River, 172%. Water Year 2006 unimpaired runoff observed for the Sacramento River Region was 27.8 million acre-feet (MAF), which is 171% of average. (In contract, on May 31, 2005, the observed Sacramento River Region unimpaired runoff since October 1, 2004 was 15.1 MAF.) The median Sacramento and San Joaquin Valley Water Year Type indices are both classified as "Wet."

The latest National Weather Service, Climate Prediction Center, long-range weather forecast maps for June, issued May 31, suggest average precipitation for all of the California, except for the far northwestern corner, which is forecast to be above normal. Above normal rainfall is also forecast for much of the Pacific Northwest. Temperatures are forecast to be above normal for all of the American Southwest and most of eastern California, including the Sierra.