

As of September 30, which is the end of Water Year 2016, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 95 percent of average to date; and reservoir storage, 80 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through September 30, 2016 was about 17.4 million acre-feet (MAF), which is about 98 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through September 30, 2015 was about 9.2 MAF, or about 51 percent of average.

On September 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 57.9 inches, which is about 116 percent of the seasonal average to date and 116 percent of an average water year (50.0 inches). During September, the total precipitation for the 8-Stations was 0.0 inches. Last year on September 30, the Water Year 2015 seasonal total for the 8-Stations was 37.2 inches, or about 74 percent of average.

On September 30, the San Joaquin 5-Station Precipitation Index Water Year total was 40.0 inches, which is about 98 percent of the seasonal average to date and 98 percent of an average water year (40.8 inches). During September, the total precipitation for the 5-Stations was 0.0 inches. Last year on September 30, the Water Year 2015 seasonal total for the 5-Stations was 19.0 inches, or about 47 percent of average.

On September 30, the Tulare Basin 6-Station Precipitation Index Water Year total was 25.8 inches, which is about 88 percent of the seasonal average to date and 88 percent of an average water year (29.3 inches). During September, the total precipitation for the 6-Stations was 0.0 inches. Last year on September 30, the Water Year 2015 seasonal total for the 6-Stations was 13.5 inches, or about 46 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 09/30/2016						
Station	Oct 1 to Date 2015 - 2016	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30	
Mount Shasta	40.97	94	35.32	81	94	
Eureka	44.02	109	30.74	76	109	
Redding	37.30	108	23.67	68	108	
South Lake Tahoe	22.22	109	14.01	69	109	
Sacramento Executive Airport	16.14	87	15.45	84	87	
Santa Rosa (Sonoma Co AP)	30.43	84	22.77	63	84	
San Francisco	22.16	94	17.70	75	94	
Stockton	16.60	118	10.68	76	118	
Yosemite	36.10	95	18.50	49	95	
Monterey	21.54	134	14.61	91	134	
Paso Robles	7.37	58	8.45	66	58	
Fresno	14.33	125	6.62	58	125	
Bakersfield	5.44	84	5.29	82	84	
Death Valley	1.68	71	1.05	45	71	
Los Angeles	6.35	43	11.06	74	43	
Riverside	5.17	42	7.70	62	42	
Palm Springs	3.41	59	2.64	46	59	
San Diego	8.05	78	11.27	109	78	

Key Reservoir Storage (1,000 AF) as of 09/30/2016								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	969	1,666	58	2,448	40	---	1,479
Shasta Lake	Sacramento	2,811	2,725	103	4,552	62	-1,741	1,741
Lake Oroville	Feather	1,619	2,188	74	3,538	46	-1,732	1,919
New Bullards Bar Res	Yuba	645	593	109	966	67	-266	321
Folsom Lake	American	306	554	55	977	31	-671	671
New Melones Res	Stanislaus	528	1,343	39	2,400	22	-1,745	1,892
Don Pedro Res	Tuolumne	1,319	1,371	96	2,030	65	-453	711
Lake McClure	Merced	387	464	83	1,025	38	-465	638
Millerton Lake	San Joaquin	231	210	110	520	44	-290	289
Pine Flat Res	Kings	160	338	47	1,000	16	-840	840
Isabella	Kern	96	187	51	568	17	-208	472
San Luis Res	(Offstream)	510	955	53	2,041	25	---	1,529

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2016, issued October 20, 2016, suggests average precipitation for Northern and part of Central California. Below average precipitation is expected for Southern and part of Central California.