

As of April 30, 2018, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; snow water content, 25 percent of average to date; runoff, 75 percent of average to date; and reservoir storage, 110 percent of average to date.

Sacramento River Region unimpaired runoff, for Water Year 2018, observed through April 30, 2018 was about 9.8 million acre-feet (MAF), which is about 75 percent of average. In comparison to Water Year 2017, the observed Sacramento River Region unimpaired runoff through April 30, 2017 was about 31.1 MAF, or about 238 percent of average. San Joaquin River Region unimpaired runoff, for Water Year 2018, observed through April 30, 2018 was about 3.8 MAF, which is about 109 percent of average. In comparison to Water Year 2017, the observed San Joaquin River Region unimpaired runoff through April 30, 2017 was about 10.7 MAF, or about 307 percent of average. Tulare Lake Region unimpaired runoff, for Water Year 2018, observed through April 30, 2018 was about 1.1 MAF, which is about 89 percent of average. In comparison to Water Year 2017, the observed Tulare Lake Region unimpaired runoff through April 30, 2017 was about 3.4 MAF, or about 267 percent of average.

On April 30, 2018, the Northern Sierra 8-Station Precipitation Index Water Year total was 38.7 inches, which is about 81 percent of the seasonal average to date and 74 percent of an average water year (51.8 inches). During April, the total precipitation for the 8-Stations was 4.8 inches, or about 126 percent of average for the month. Last year on April 30, 2017, the Water Year 2017 seasonal total for the 8-Stations was 93.0 inches, or about 197 percent of average.

On April 30, 2018, the San Joaquin 5-Station Precipitation Index Water Year total was 29.4 inches, which is about 79 percent of the seasonal average to date and 72 percent of an average water year (40.2 inches). During April, the total precipitation for the 5-Stations was 3.7 inches, or about 105 percent of average for the month. Last year on April 30, 2017, the Water Year 2017 seasonal total for the 5-Stations was 71.0 inches, or about 193 percent of average.

On April 30, 2018, the Tulare Basin 6-Station Precipitation Index Water Year total was 17.3 inches, which is about 65 percent of the seasonal average to date and 60 percent of an average water year (28.8 inches). During April, the total precipitation for the 6-Stations was 2.4 inches, or about 96 percent of average for the month. Last year on April 30, 2017, the Water Year 2017 seasonal total for the 6-Stations was 45.8 inches, or about 180 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 04/30/2018					
Station	Water Year 2018 to Apr 30, 2018	% Average	Water Year 2017 to April 30, 2017	% Average	WY 2018% of Avg Water Year (Oct 1 – Sep 30)
Mount Shasta	17.02	44	57.60	149	39
Eureka	34.53	94	49.73	135	86
Redding	18.98	61	44.70	143	55
South Lake Tahoe	17.22	100	45.79	267	84
Sacramento Executive Airport	14.46	84	32.82	190	78
Santa Rosa (Sonoma Co AP)	24.07	70	57.91	169	66
San Francisco	17.37	77	31.96	142	73
Stockton	9.09	69	21.52	164	65
Yosemite	26.62	77	73.46	213	70
Monterey	13.17	86	24.11	158	82
Paso Robles	9.35	77	14.01	115	73
Fresno	6.73	63	17.08	160	59
Bakersfield	3.93	65	7.74	127	61
Death Valley	0.62	33	1.28	68	26
Los Angeles	4.49	31	17.54	123	30
Riverside	3.59	31	11.86	102	29
Palm Springs	1.69	37	6.96	151	29
San Diego	3.19	32	11.67	117	31

Key Reservoir Storage (1,000 AF) as of 04/30/2018								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,930	2,020	96	2,448	79	---	518
Shasta Lake	Sacramento	4,195	3,924	107	4,552	92	-357	357
Lake Oroville	Feather	2,433	2,877	85	3,538	69	-943	1,105
New Bullards Bar Res	Yuba	932	767	121	966	96	33	34
Folsom Lake	American	866	729	119	977	89	58	111
New Melones Res	Stanislaus	2,062	1,505	137	2,400	86	-164	358
Don Pedro Res	Tuolumne	1,880	1,487	126	2,030	93	154	150
Lake McClure	Merced	914	607	151	1,025	89	60	111
Millerton Lake	San Joaquin	451	366	123	520	87	-38	69
Pine Flat Res	Kings	875	613	143	1,000	88	-125	125
Isabella	Kern	251	231	109	568	44	-110	317
San Luis Res	(Offstream)	1,756	1,822	96	2,041	86	---	283

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for June 2018, issued May 17, 2018, suggests average precipitation for all of California, except for the extreme northeastern area of the State where below-average precipitation is expected.