

As of February 28, 2018, statewide hydrologic conditions were as follows: precipitation, 50 percent of average to date; snow water content based on snow pillows, 25 percent of average to date and 20 percent of the April 1 average; snow water content based on snow courses, 20 percent of average to date and 15 percent of the April 1 average; runoff, 45 percent of average to date; and reservoir storage, 100 percent of average to date.

Sacramento River Region unimpaired runoff, for Water Year 2018, observed through February 28, 2018 was about 4.1 million acre-feet (MAF), which is about 52 percent of average. In comparison to Water Year 2017, the observed Sacramento River Region unimpaired runoff through February 28, 2017 was about 22.1 MAF, or about 282 percent of average. San Joaquin River Region unimpaired runoff, for Water Year 2018, observed through February 28, 2018 was about 0.9 MAF, which is about 52 percent of average. In comparison to Water Year 2017, the observed San Joaquin River Region unimpaired runoff through February 28, 2017 was about 7.1 MAF, or about 426 percent of average. Tulare Lake Region unimpaired runoff, for Water Year 2018, observed through February 28, 2018 was about 0.3 MAF, which is about 52 percent of average. In comparison to Water Year 2017, the observed Tulare Lake Region unimpaired runoff through February 28, 2017 was about 1.8 MAF, or about 310 percent of average.

On February 28, 2018, the Northern Sierra 8-Station Precipitation Index Water Year total was 21.3 inches, which is about 59 percent of the seasonal average to date and 41 percent of an average water year (51.8 inches). During February, the total precipitation for the 8-Stations was 1.7 inches, or about 20 percent of average for the month. Last year on February 28, 2017, the Water Year 2017 seasonal total for the 8-Stations was 76.5 inches, or about 213 percent of average.

On February 28, 2018, the San Joaquin 5-Station Precipitation Index Water Year total was 10.4 inches, which is about 38 percent of the seasonal average to date and 25 percent of an average water year (40.2 inches). During February, the total precipitation for the 5-Stations was 1.1 inches, or about 16 percent of average for the month. Last year on February 28, 2017, the Water Year 2017 seasonal total for the 5-Stations was 60.7 inches, or about 222 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 02/28/2018					
Station	Water Year 2018 to Feb 28, 2018	% Average	Water Year 2017 to Feb 28, 2017	% Average	WY 2018% of Avg Water Year (Oct 1 – Sep 30)
Mount Shasta	10.12	34	43.76	148	23
Eureka	20.74	74	38.68	138	51
Redding	10.64	44	36.55	150	31
South Lake Tahoe	8.61	65	39.68	299	42
Sacramento Executive Airport	7.65	57	27.52	206	41
Santa Rosa (Sonoma Co AP)	12.62	46	49.86	183	35
San Francisco	8.71	49	25.75	145	37
Stockton	4.96	50	17.48	175	35
Yosemite	8.89	34	62.74	242	23
Monterey	5.62	49	20.31	178	35
Paso Robles	2.61	29	12.57	140	20
Fresno	1.90	25	12.58	164	17
Bakersfield	1.32	30	7.23	166	20
Death Valley	0.47	32	1.27	88	20
Los Angeles	1.89	17	17.37	159	13
Riverside	1.94	22	11.61	132	16
Palm Springs	1.45	37	6.96	179	25
San Diego	2.23	30	11.58	157	22

Key Reservoir Storage (1,000 AF) as of 02/28/2018

Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,787	1,816	98	2,448	73	---	661
Shasta Lake	Sacramento	3,414	3,326	103	4,552	75	-855	1,138
Lake Oroville	Feather	1,460	2,466	59	3,538	41	-1,703	2,078
New Bullards Bar Res	Yuba	770	626	123	966	80	-26	196
Folsom Lake	American	526	543	97	977	54	-103	451
New Melones Res	Stanislaus	1,920	1,468	131	2,400	80	-50	500
Don Pedro Res	Tuolumne	1,668	1,442	116	2,030	82	-22	362
Lake McClure	Merced	676	534	127	1,025	66	2	349
Millerton Lake	San Joaquin	329	341	96	520	63	-107	191
Pine Flat Res	Kings	525	530	99	1,000	52	-298	475
Isabella	Kern	172	184	93	568	30	-73	396
San Luis Res	(Offstream)	1,538	1,738	88	2,041	75	---	501

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for April 2018, issued March 15, 2018, suggests below-average precipitation for all of California, except for the northern third of the State where average precipitation is indicated.