

Select Month: February

City of Calistoga Monthly Summary of the Kimball Reservoir Bypass - February, 2014

Notes	Month	Day	Water Surface Elevation (ft)	5-day Average Inflow (cfs)	Bypass Target Flow (cfs)	70% of Bypass Target Flow (cfs)	Bypass Actual Flow (cfs)	3-day Average Bypass Actual Flow (cfs)	3-day Average Bypass Target Flow (cfs)	Reservoir Spilling (yes/no)
	1	31	539.59	0.02	0.00	0.00	0.00	0.00	0.00	No
1	2	1	542.24	0.58	0.00	0.00	0.00	0.00	0.00	No
	2	2	542.26	0.58	0.00	0.00	0.00	0.00	0.00	No
	2	3	542.31	0.58	0.00	0.00	0.00	0.00	0.00	No
	2	4	542.33	0.58	0.00	0.00	0.00	0.00	0.00	No
	2	5	542.35	0.59	0.00	0.00	0.00	0.00	0.00	No
	2	6	542.45	0.61	0.00	0.00	2.79	0.93	0.00	No
	2	7	542.51	0.62	0.00	0.00	0.00	0.93	0.00	No
	2	8	546.14	1.73	0.00	0.00	0.00	0.93	0.00	No
	2	9	575.52	23.49	0.00	0.00	0.00	0.00	0.00	No
	2	10	577.86	31.05	0.00	0.00	21.95	7.32	0.00	Yes
	2	11	577.72	31.54	3.20	2.24	6.37	9.44	1.07	Yes
2	2	12	577.64	31.81	3.20	2.24	2.00	10.11	2.13	Yes
	2	13	577.31	30.83	3.20	2.24	2.94	3.77	3.20	No
	2	14	577.32	9.70	3.20	2.24	3.07	2.67	3.20	No
	2	15	576.88	2.39	3.20	2.24	4.21	3.41	3.20	No
	2	16	576.40	1.31	1.43	1.00	3.04	3.44	2.61	No
	2	17	575.84	1.03	0.79	0.55	1.83	3.03	1.81	No
	2	18	575.22	0.88	0.62	0.43	2.45	2.44	0.95	No
	2	19	575.22	0.32	0.53	0.37	0.33	1.54	0.65	No
	2	20	575.24	0.22	0.19	0.13	0.58	1.12	0.45	No
	2	21	575.31	0.36	0.13	0.09	0.22	0.38	0.28	No
	2	22	575.37	0.49	0.22	0.15	0.21	0.34	0.18	No
	2	23	575.39	0.59	0.29	0.20	0.35	0.26	0.21	No
	2	24	575.38	0.60	0.35	0.25	0.46	0.34	0.29	No
	2	25	575.38	0.54	0.36	0.25	0.41	0.41	0.33	No
	2	26	575.37	0.46	0.32	0.22	0.38	0.42	0.34	No
	2	27	576.59	2.04	0.28	0.20	0.38	0.39	0.32	No
	2	28	577.82	6.99	1.22	0.85	16.86	5.88	0.61	Yes

Total Monthly Target: 14,689,763 gallons
Total Monthly Actual: 45,780,456 gallons

- Notes**
1. Began using new By-Pass Spreadsheet which takes into consideration new field and bathometric survey data, revised reservoir volumetric calculations, converts elevations from NGVD 29 to NAVD 88 vertical datum.
 2. Corrected spillway elevation from 577.60' to 577.63'. The spreadsheet previously erroneously rounded down the elevation "dropping" 0.03 feet. This rounding error resulted in Bypass Actual Flow for Feb 12 being less than 70% of the Bypass Target Flow, and the 3-Day Average Bypass Actual Flow being less than the 3-Day Average Bypass Target Flow on Feb 14.