

City of Calistoga Monthly Summary of the Kimball Reservoir Bypass - December, 2013

Month	Day (See Note 1)	Water Surface Elevation (see Note 2 below)	5 day Average Inflow (cfs) (See Note 3 below)	Bypass Target Flow (cfs). (See Note 4 below)	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
Nov	30	538.79	0.00	0.00	0.00	0.03			No
	1	538.79	0.00	0.00	0.00	0.03			No
	2	538.78	0.00	0.00	0.00	0.04	0.03	0.00	No
	3	538.77	0.00	0.00	0.00	0.03	0.03	0.00	No
	4	538.76	0.00	0.00	0.00	0.03	0.03	0.00	No
	5	538.74	0.00	0.00	0.00	0.03	0.03	0.00	No
	6	538.74	0.00	0.00	0.00	0.03	0.03	0.00	No
	7	538.79	0.01	0.00	0.00	0.04	0.03	0.00	No
	8	538.79	0.01	0.00	0.00	0.03	0.03	0.00	No
	9	538.79	0.01	0.00	0.00	0.03	0.03	0.00	No
	10	538.74	0.01	0.00	0.00	0.03	0.03	0.00	No
	11	538.73	0.01	0.00	0.00	0.02	0.03	0.00	No
	12	538.73	0.00	0.00	0.00	0.05	0.03	0.00	No
	13	538.72	0.00	0.00	0.00	0.04	0.04	0.00	No
December	14	538.71	0.00	0.00	0.00	0.04	0.04	0.00	No
	15	538.71	0.00	0.00	0.00	0.03	0.04	0.00	No
	16	538.71	0.00	0.00	0.00	0.03	0.03	0.00	No
	17	538.72	0.00	0.00	0.00	0.02	0.03	0.00	No
	18	538.73	0.00	0.00	0.00	0.02	0.02	0.00	No
	19	538.78	0.01	0.00	0.00	0.02	0.02	0.00	No
	20	538.77	0.01	0.00	0.00	0.00	0.01	0.00	No
	21	538.76	0.01	0.00	0.00	0.00	0.01	0.00	No
	22	538.80	0.01	0.00	0.00	0.00	0.00	0.00	No
	23	538.81	0.01	0.00	0.00	0.00	0.00	0.00	No
	24	538.84	0.00	0.00	0.00	0.00	0.00	0.00	No
	25	538.87	0.00	0.00	0.00	0.00	0.00	0.00	No
	26	538.88	0.00	0.00	0.00	0.00	0.00	0.00	No
	27	538.89	0.00	0.00	0.00	0.00	0.00	0.00	No
	28	538.90	0.00	0.00	0.00	0.00	0.00	0.00	No
	29	538.91	0.00	0.00	0.00	0.00	0.00	0.00	No
	30	538.95	0.00	0.00	0.00	0.00	0.00	0.00	No
	31	538.98	0.00	0.00	0.00	0.00	0.00	0.00	No

Monthly Target = 0.0 gallons

Monthly Actual = 400,689 gallons

Notes

1. October 31, 2013 started reading new transducer.
2. Water Surface Elevation is based on readings from new transducer installed October 31. This number is subject to revision per note 3.
3. Calculated five day average inflow is determined using historical reservoir volumetric data which the City is in the process of updating. The calculated average inflows do not reflect changes in water surface elevation determined with the transducer and are "transitional" discrepancies which are expected to be rectified by the February posting.
4. From November 1 - July 1, from the date water first spills over the spillway the City will bypass the greater of the uncontrolled bypass (spill over the spillway) or 60 percent of the inflow up to a maximum of 3.2 cfs.