

City of Calistoga Monthly Summary of the Kimball Reservoir Bypass - May, 2019

| 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 | 3-day | Reservoir Spilling (yes/no) |
|-------|-----|------------------------------|----------------------------|--------------------------|---------------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------|
| | | | | | | | Average Bypass Actual Flow (cfs) | Average Bypass Target Flow (cfs) | |
| 4 | 30 | 580.83 | 2.13 | 1.35 | 0.95 | 1.66 | 1.70 | 1.45 | No |
| 5 | 1 | 580.74 | 1.98 | 1.28 | 0.90 | 1.65 | 1.66 | 1.36 | No |
| 5 | 2 | 580.66 | 1.84 | 1.19 | 0.83 | 1.65 | 1.65 | 1.27 | No |
| 5 | 3 | 580.57 | 1.71 | 1.10 | 0.77 | 1.62 | 1.64 | 1.19 | No |
| 5 | 4 | 580.47 | 1.62 | 1.03 | 0.72 | 1.62 | 1.63 | 1.11 | No |
| 5 | 5 | 580.37 | 1.49 | 0.97 | 0.68 | 1.63 | 1.62 | 1.03 | No |
| 5 | 6 | 580.28 | 1.45 | 0.89 | 0.62 | 1.62 | 1.62 | 0.96 | No |
| 5 | 7 | 580.18 | 1.43 | 0.87 | 0.61 | 1.62 | 1.62 | 0.91 | No |
| 5 | 8 | 580.05 | 1.40 | 0.86 | 0.60 | 1.78 | 1.68 | 0.87 | No |
| 5 | 9 | 579.92 | 1.34 | 0.84 | 0.59 | 1.62 | 1.68 | 0.86 | No |
| 5 | 10 | 579.80 | 1.34 | 0.80 | 0.56 | 1.62 | 1.68 | 0.83 | No |
| 5 | 11 | 579.65 | 1.26 | 0.80 | 0.56 | 1.62 | 1.62 | 0.81 | No |
| 5 | 12 | 579.49 | 1.16 | 0.76 | 0.53 | 1.62 | 1.62 | 0.79 | No |
| 5 | 13 | 579.34 | 1.09 | 0.70 | 0.49 | 1.62 | 1.62 | 0.75 | No |
| 5 | 14 | 579.19 | 1.08 | 0.65 | 0.46 | 1.62 | 1.62 | 0.70 | No |
| 5 | 15 | 579.03 | 1.02 | 0.65 | 0.46 | 1.62 | 1.62 | 0.67 | No |
| 5 | 16 | 579.84 | 2.15 | 0.61 | 0.43 | 0.00 | 1.08 | 0.64 | No |
| 5 | 17 | 581.12 | 4.41 | 1.29 | 0.90 | 1.45 | 1.03 | 0.85 | No |
| 5 | 18 | 581.56 | 6.73 | 2.65 | 1.86 | 8.57 | 3.34 | 1.52 | Yes |
| 5 | 19 | 581.64 | 10.55 | 3.20 | 2.24 | 19.11 | 9.71 | 2.38 | Yes |
| 5 | 20 | 581.63 | 13.91 | 3.20 | 2.24 | 17.39 | 15.02 | 3.02 | Yes |
| 5 | 21 | 581.63 | 16.49 | 3.20 | 2.24 | 18.98 | 18.49 | 3.20 | Yes |
| 5 | 22 | 581.57 | 16.28 | 3.20 | 2.24 | 11.08 | 15.82 | 3.20 | Yes |
| 5 | 23 | 581.55 | 15.48 | 3.20 | 2.24 | 8.51 | 12.86 | 3.20 | Yes |
| 5 | 24 | 581.50 | 12.35 | 3.20 | 2.24 | 4.57 | 8.06 | 3.20 | Yes |
| 5 | 25 | 581.45 | 9.57 | 3.20 | 2.24 | 3.71 | 5.60 | 3.20 | No |
| 5 | 26 | 581.37 | 6.27 | 3.20 | 2.24 | 3.24 | 3.84 | 3.20 | No |
| 5 | 27 | 581.25 | 4.63 | 3.20 | 2.24 | 3.41 | 3.45 | 3.20 | No |
| 5 | 28 | 581.12 | 3.39 | 2.78 | 1.95 | 2.92 | 3.19 | 3.06 | No |
| 5 | 29 | 580.98 | 2.65 | 2.03 | 1.42 | 1.49 | 2.61 | 2.67 | No |
| 5 | 30 | 580.83 | 2.64 | 1.59 | 1.11 | 4.50 | 2.97 | 2.13 | No |
| 5 | 31 | 580.76 | 2.47 | 1.58 | 1.11 | 2.22 | 2.74 | 1.73 | No |

Total Monthly Target: 35,364,004 gallons

Total Monthly Actual: 87,721,481 gallons