Fut_NoAction_Vs_Prop_Base Condtion_Additional

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Folsom Reservoir Storage

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	487.7	485.2	-2.4	-0.5
1923	BN	628.9	612.2	-16.7	-2.7
1924	C	600.0	597.7	-2.3	-0.4
1925	D	251.8	213.3	-38.5	-15.3
1926	D	573.8	481.8	-92.0	-16.0
1927	W	300.0	298.2	-1.8	-0.6
1928	AN	659.3	611.5	-47.8	-7.2
1929	C	515.5	400.0	-115.5	-22.4
1930	D	356.3	286.1	-70.2	-19.7
1931	C	491.7	365.8	-125.9	-25.6
1932	D	247.6	179.1	-68.5	-27.7
1933	C	545.9	510.2	-35.7	-6.5
1934	C	309.5	275.2	-34.2	-11.1
1935	BN	220.8	90.0	-130.8	-59.2
1936	BN	606.3	594.0	-12.3	-2.0
1937	BN	616.1	556.7	-59.4	-9.6
1938	W	530.1	481.5	-48.5	-9.2
1939	D	724.9	634.2	-90.7	-12.5
1940	AN	370.0	326.6	-43.4	-11.7
1941	W	614.1	587.3	-26.8	-4.4
1942	W	656.9	630.7	-26.2	-4.0
1943	W	737.7	623.4	-114.3	-15.5
1944	D	631.3	589.4	-41.9	-6.6
1945	BN	469.6	465.9	-3.8	-0.8
1946	BN	618.2	593.5	-24.7	-4.0
1947	D	563.7	537.9	-25.8	-4.6
1948	BN	405.5	369.4	-36.1	-8.9
1949	D	698.0	621.3	-76.7	-11.0
1950	BN	531.4	486.1	-45.3	-8.5
1951	AN	604.0	597.2	-6.8	-1.1
1952	W	600.0	629.6	29.6	4.9
1953	W	752.5	642.2	-110.3	-14.7
1954	AN	695.5	624.9	-70.7	-10.2
1955	D	469.1	498.4	29.3	6.2
1956	W	458.3	360.1	-98.2	-21.4
1957	AN	752.5	648.7	-103.8	-13.8
1958	W	541.2	593.1	51.9	9.6
1959	BN	752.5	619.7	-132.8	-17.6
1960	D	323.4	247.3	-76.1	-23.5
1961	D	360.2	342.2	-18.0	-5.0
1962	BN	263.2	114.5	-148.6	-56.5
1963	W	752.5	720.0	-32.5	-4.3
1964	D	624.2	640.6	16.4	2.6
1965	W	335.4	300.0	-35.4	-10.6
1966	BN	655.9	600.0	-55.9	-8.5
1967	W	380.0	421.5	41.5	10.9
1968	BN	752.5	638.6	-113.9	-15.1
1969	W	386.9	291.8	-95.1	-24.6
1970	W	651.0	644.5	-6.5	-1.0
1971	W	457.6	400.0	-57.6	-12.6
1972	BN	724.9	625.4	-99.5	-13.7
1973	AN	467.2	306.5	-160.7	-34.4
1974	W	619.7	556.9	-62.8	-10.1
1975	W	752.5	629.9	-122.6	-16.3
1976	C	752.5	680.3	-72.2	-9.6
1977	C	428.8	393.2	-35.5	-8.3
1978	AN	90.0	90.0	0.0	0.0
1979	BN	517.1	535.8	18.7	3.6
1980	AN	592.0	500.3	-91.6	-15.5
1981	D	752.5	588.1	-164.4	-21.8
1982	W	405.1	371.3	-33.8	-8.3
1983	W	745.1	720.0	-25.1	-3.4
1984	W	727.6	716.2	-11.4	-1.6
1985	D	687.5	591.4	-96.1	-14.0
1986	W	300.0	330.8	30.8	10.3
1987	D	648.8	589.4	-59.4	-9.2
1988	C	362.8	341.1	-21.7	-6.0
1989	D	289.5	303.6	14.1	4.9
1990	C	485.7	464.1	-21.6	-4.4
1991	C	332.2	297.9	-34.3	-10.3
1992	C	372.9	323.6	-49.3	-13.2
1993	AN	272.5	246.7	-25.8	-9.5
	Mean:	525.8	476.1	-49.7	-10.1
	Median:	543.5	505.3	-40.2	-9.2
	Min:	90.0	90.0	-164.4	-59.2
	Max:	752.5	720.0	51.9	10.9

Folsom Reservoir Storage

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	453.2	440.0	-13.2	-2.9
1923	BN	531.0	575.0	44.0	8.3
1924	C	493.4	529.7	36.3	7.4
1925	D	299.4	244.2	-55.2	-18.4
1926	D	525.3	452.2	-73.1	-13.9
1927	W	487.2	458.8	-28.3	-5.8
1928	AN	531.1	575.0	43.9	8.3
1929	C	466.7	361.0	-105.7	-22.6
1930	D	301.3	261.7	-39.6	-13.1
1931	C	438.5	331.0	-107.4	-24.5
1932	D	270.7	188.9	-81.7	-30.2
1933	C	393.8	435.1	41.3	10.5
1934	C	285.5	267.6	-17.9	-6.3
1935	BN	293.4	145.7	-147.7	-50.3
1936	BN	533.5	560.0	26.4	4.9
1937	BN	531.5	499.4	-32.1	-6.0
1938	W	519.0	463.8	-55.2	-10.6
1939	D	530.9	575.0	44.1	8.3
1940	AN	310.5	307.8	-2.7	-0.9
1941	W	537.5	540.0	2.4	0.4
1942	W	538.5	575.0	36.5	6.8
1943	W	531.0	575.0	44.0	8.3
1944	D	525.0	536.0	11.0	2.1
1945	BN	501.0	513.9	12.9	2.6
1946	BN	546.7	575.0	28.3	5.2
1947	D	536.0	459.0	-77.0	-14.4
1948	BN	381.4	362.9	-18.5	-4.8
1949	D	542.5	575.0	32.5	6.0
1950	BN	484.7	431.5	-53.2	-11.0
1951	AN	427.5	382.0	-45.5	-10.6
1952	W	546.6	575.0	28.4	5.2
1953	W	531.2	575.0	43.8	8.2
1954	AN	542.0	575.0	33.0	6.1
1955	D	429.4	448.9	19.6	4.6
1956	W	420.0	326.2	-93.8	-22.3
1957	AN	531.6	572.5	41.0	7.7
1958	W	504.6	549.4	44.7	8.9
1959	BN	531.5	572.5	41.0	7.7
1960	D	280.8	241.2	-39.5	-14.1
1961	D	337.3	327.6	-9.7	-2.9
1962	BN	284.8	117.6	-167.1	-58.7
1963	W	530.0	575.0	45.0	8.5
1964	D	532.1	575.0	42.9	8.1
1965	W	347.1	316.6	-30.4	-8.8
1966	BN	530.9	575.0	44.1	8.3
1967	W	390.9	440.3	49.4	12.6
1968	BN	531.0	575.0	44.0	8.3
1969	W	403.6	351.0	-52.7	-13.1
1970	W	530.7	575.0	44.3	8.3
1971	W	542.1	510.7	-31.4	-5.8
1972	BN	535.4	575.0	39.6	7.4
1973	AN	487.4	374.6	-112.8	-23.1
1974	W	543.1	575.0	31.9	5.9
1975	W	530.1	575.0	44.9	8.5
1976	C	531.8	575.0	43.2	8.1
1977	C	351.9	368.9	17.0	4.8
1978	AN	100.2	94.4	-5.8	-5.8
1979	BN	483.0	513.7	30.7	6.4
1980	AN	545.0	489.2	-55.8	-10.2
1981	D	531.6	551.5	19.8	3.7
1982	W	568.1	549.0	-19.1	-3.4
1983	W	530.0	573.0	43.0	8.1
1984	W	401.1	377.0	-24.1	-6.0
1985	D	536.8	575.0	38.2	7.1
1986	W	378.8	354.7	-24.1	-6.4
1987	D	537.2	528.7	-8.5	-1.6
1988	C	324.3	308.2	-16.1	-5.0
1989	D	379.5	380.2	0.8	0.2
1990	C	440.3	423.8	-16.5	-3.7
1991	C	276.0	251.5	-24.5	-8.9
1992	C	322.8	319.1	-3.6	-1.1
1993	AN	268.9	218.2	-50.7	-18.9
	Mean:	453.2	446.1	-7.0	-3.1
	Median:	502.8	476.5	-1.0	-0.4
	Min:	100.2	94.4	-167.1	-58.7
	Max:	568.1	575.0	49.4	12.6

Folsom Reservoir Storage

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	524.0	492.4	-31.6	-6.0
1923	BN	551.5	575.0	23.5	4.3
1924	C	377.8	457.8	80.0	21.2
1925	D	366.6	299.5	-67.1	-18.3
1926	D	495.1	418.0	-77.1	-15.6
1927	W	575.0	565.5	-9.5	-1.7
1928	AN	545.8	575.0	29.2	5.4
1929	C	437.8	325.6	-112.2	-25.6
1930	D	406.9	397.7	-9.2	-2.3
1931	C	388.5	278.1	-110.3	-28.4
1932	D	421.3	319.3	-102.1	-24.2
1933	C	354.8	381.3	26.6	7.5
1934	C	396.2	367.8	-28.4	-7.2
1935	BN	349.5	190.1	-159.4	-45.6
1936	BN	473.1	511.1	38.0	8.0
1937	BN	464.8	441.2	-23.6	-5.1
1938	W	560.2	575.0	14.8	2.6
1939	D	496.2	530.2	34.0	6.9
1940	AN	343.9	302.9	-41.0	-11.9
1941	W	557.2	575.0	17.8	3.2
1942	W	555.5	575.0	19.5	3.5
1943	W	548.3	575.0	26.7	4.9
1944	D	480.2	482.7	2.5	0.5
1945	BN	540.3	546.0	5.6	1.0
1946	BN	557.6	575.0	17.4	3.1
1947	D	536.4	456.7	-79.7	-14.9
1948	BN	356.7	336.5	-20.2	-5.7
1949	D	525.1	548.5	23.4	4.5
1950	BN	444.0	376.1	-67.9	-15.3
1951	AN	352.0	305.0	-47.0	-13.4
1952	W	562.9	575.0	12.1	2.1
1953	W	552.8	575.0	22.2	4.0
1954	AN	530.8	555.9	25.1	4.7
1955	D	484.3	482.5	-1.8	-0.4
1956	W	560.1	531.0	-29.1	-5.2
1957	AN	504.6	534.4	29.8	5.9
1958	W	535.8	567.5	31.7	5.9
1959	BN	478.6	509.2	30.6	6.4
1960	D	303.0	246.3	-56.7	-18.7
1961	D	328.9	314.5	-14.4	-4.4
1962	BN	339.2	157.4	-181.9	-53.6
1963	W	546.1	575.0	28.9	5.3
1964	D	538.7	571.0	32.3	6.0
1965	W	525.1	364.0	-161.1	-30.7
1966	BN	534.4	565.2	30.7	5.7
1967	W	563.8	575.0	11.2	2.0
1968	BN	523.4	566.3	42.9	8.2
1969	W	473.9	457.0	-16.9	-3.6
1970	W	552.5	575.0	22.5	4.1
1971	W	555.0	575.0	20.0	3.6
1972	BN	554.5	575.0	20.5	3.7
1973	AN	560.8	528.9	-31.9	-5.7
1974	W	540.1	575.0	34.9	6.5
1975	W	518.3	555.8	37.5	7.2
1976	C	503.8	540.1	36.3	7.2
1977	C	262.7	323.9	61.1	23.3
1978	AN	250.6	222.9	-27.7	-11.1
1979	BN	444.2	470.2	26.0	5.9
1980	AN	560.3	501.8	-58.5	-10.4
1981	D	499.2	507.1	7.9	1.6
1982	W	389.9	370.0	-19.9	-5.1
1983	W	535.9	573.0	37.1	6.9
1984	W	370.1	329.0	-41.1	-11.1
1985	D	551.0	575.0	24.0	4.4
1986	W	454.3	437.2	-17.0	-3.7
1987	D	485.4	465.9	-19.5	-4.0
1988	C	355.6	349.6	-6.0	-1.7
1989	D	378.3	434.4	56.1	14.8
1990	C	378.3	377.1	-1.1	-0.3
1991	C	275.4	201.5	-73.9	-26.8
1992	C	283.4	323.2	39.8	14.0
1993	AN	345.0	284.7	-60.2	-17.5
	Mean:	464.9	454.8	-10.1	-3.0
	Median:	495.6	487.6	6.8	1.3
	Min:	250.6	157.4	-181.9	-53.6
	Max:	575.0	575.0	80.0	23.3

Folsom Reservoir Storage

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	573.2	506.0	-67.2	-11.7
1923	BN	560.8	575.0	14.2	2.5
1924	C	326.9	399.0	72.1	22.1
1925	D	342.4	314.4	-28.0	-8.2
1926	D	447.9	376.7	-71.3	-15.9
1927	W	575.0	575.0	0.0	0.0
1928	AN	545.4	575.0	29.6	5.4
1929	C	415.3	264.6	-150.7	-36.3
1930	D	487.9	475.7	-12.2	-2.5
1931	C	380.9	248.5	-132.4	-34.8
1932	D	487.0	431.9	-55.0	-11.3
1933	C	341.8	342.0	0.2	0.1
1934	C	527.9	473.7	-54.2	-10.3
1935	BN	432.5	306.4	-126.0	-29.1
1936	BN	570.4	575.0	4.6	0.8
1937	BN	433.4	405.0	-28.5	-6.6
1938	W	551.7	575.0	23.3	4.2
1939	D	480.6	496.2	15.6	3.2
1940	AN	575.0	572.0	-3.0	-0.5
1941	W	570.7	575.0	4.3	0.8
1942	W	559.5	572.0	12.5	2.2
1943	W	552.7	565.0	12.3	2.2
1944	D	476.0	460.2	-15.8	-3.3
1945	BN	563.9	542.5	-21.3	-3.8
1946	BN	560.7	571.0	10.3	1.8
1947	D	509.7	410.9	-98.7	-19.4
1948	BN	434.7	398.0	-36.7	-8.4
1949	D	501.8	503.8	2.1	0.4
1950	BN	575.0	574.5	-0.5	-0.1
1951	AN	305.6	320.0	14.4	4.7
1952	W	573.6	575.0	1.4	0.2
1953	W	569.3	574.0	4.7	0.8
1954	AN	556.6	575.0	18.4	3.3
1955	D	531.8	529.3	-2.5	-0.5
1956	W	386.0	393.0	7.0	1.8
1957	AN	499.6	508.2	8.6	1.7
1958	W	575.0	575.0	0.0	0.0
1959	BN	534.2	567.0	32.8	6.1
1960	D	314.9	283.9	-31.0	-9.8
1961	D	301.9	257.7	-44.2	-14.6
1962	BN	318.7	172.9	-145.8	-45.7
1963	W	554.2	554.0	-0.2	0.0
1964	D	561.5	575.0	13.5	2.4
1965	W	318.7	360.0	41.3	13.0
1966	BN	556.9	575.0	18.1	3.3
1967	W	566.3	571.0	4.7	0.8
1968	BN	542.7	575.0	32.3	6.0
1969	W	575.0	550.0	-25.0	-4.3
1970	W	460.1	387.0	-73.1	-15.9
1971	W	566.4	575.0	8.6	1.5
1972	BN	563.7	575.0	11.3	2.0
1973	AN	562.7	567.0	4.3	0.8
1974	W	530.8	495.0	-35.8	-6.7
1975	W	514.1	547.8	33.7	6.6
1976	C	468.9	481.1	12.1	2.6
1977	C	251.9	291.0	39.0	15.5
1978	AN	575.0	569.0	-6.0	-1.0
1979	BN	515.7	540.5	24.8	4.8
1980	AN	550.0	433.0	-117.0	-21.3
1981	D	521.8	516.2	-5.6	-1.1
1982	W	339.2	392.0	52.8	15.6
1983	W	544.9	564.0	19.1	3.5
1984	W	332.3	338.0	5.7	1.7
1985	D	518.9	547.2	28.3	5.5
1986	W	575.0	559.0	-16.0	-2.8
1987	D	463.8	433.6	-30.2	-6.5
1988	C	442.4	412.6	-29.8	-6.7
1989	D	371.0	468.1	97.1	26.2
1990	C	372.0	374.9	2.9	0.8
1991	C	264.2	147.5	-116.7	-44.2
1992	C	292.2	313.7	21.5	7.4
1993	AN	575.0	571.0	-4.0	-0.7
	Mean:	481.6	470.1	-11.5	-2.8
	Median:	520.4	507.1	1.8	0.3
	Min:	251.9	147.5	-150.7	-45.7
	Max:	575.0	575.0	97.1	26.2

Folsom Reservoir Storage

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	575.0	575.0	0.0	0.0
1923	BN	570.9	575.0	4.1	0.7
1924	C	389.8	405.0	15.2	3.9
1925	D	575.0	561.0	-14.0	-2.4
1926	D	575.0	542.2	-32.8	-5.7
1927	W	575.0	562.0	-13.0	-2.3
1928	AN	572.8	575.0	2.2	0.4
1929	C	484.1	276.5	-207.6	-42.9
1930	D	516.2	539.7	23.4	4.5
1931	C	359.8	241.9	-118.0	-32.8
1932	D	575.0	575.0	0.0	0.0
1933	C	372.3	316.0	-56.3	-15.1
1934	C	575.0	567.8	-7.2	-1.3
1935	BN	474.4	404.1	-70.3	-14.8
1936	BN	575.0	570.0	-5.0	-0.9
1937	BN	575.0	575.0	0.0	0.0
1938	W	566.0	575.0	9.0	1.6
1939	D	452.6	484.9	32.4	7.2
1940	AN	572.8	559.0	-13.8	-2.4
1941	W	575.0	574.0	-1.0	-0.2
1942	W	562.7	563.0	0.3	0.1
1943	W	552.5	537.0	-15.5	-2.8
1944	D	519.6	515.0	-4.6	-0.9
1945	BN	575.0	565.0	-10.0	-1.7
1946	BN	524.2	509.7	-14.5	-2.8
1947	D	558.9	453.7	-105.2	-18.8
1948	BN	406.2	378.1	-28.0	-6.9
1949	D	493.3	504.5	11.2	2.3
1950	BN	575.0	572.0	-3.0	-0.5
1951	AN	305.6	341.0	35.4	11.6
1952	W	575.0	574.0	-1.0	-0.2
1953	W	571.9	568.0	-3.9	-0.7
1954	AN	575.0	575.0	0.0	0.0
1955	D	505.4	497.9	-7.5	-1.5
1956	W	341.7	391.0	49.3	14.4
1957	AN	575.0	571.0	-4.0	-0.7
1958	W	575.0	565.0	-10.0	-1.7
1959	BN	575.0	575.0	0.0	0.0
1960	D	575.0	560.9	-14.1	-2.5
1961	D	375.5	278.5	-97.1	-25.9
1962	BN	575.0	515.5	-59.5	-10.3
1963	W	544.2	475.0	-69.2	-12.7
1964	D	537.3	569.5	32.2	6.0
1965	W	326.7	377.0	50.3	15.4
1966	BN	556.9	575.0	18.1	3.3
1967	W	569.1	560.0	-9.1	-1.6
1968	BN	575.0	554.0	-21.0	-3.7
1969	W	532.9	535.0	2.1	0.4
1970	W	366.9	380.0	13.1	3.6
1971	W	529.6	533.5	3.9	0.7
1972	BN	575.0	575.0	0.0	0.0
1973	AN	562.0	563.0	1.0	0.2
1974	W	517.7	480.0	-37.7	-7.3
1975	W	575.0	575.0	0.0	0.0
1976	C	495.9	453.7	-42.3	-8.5
1977	C	240.2	260.6	20.3	8.5
1978	AN	564.0	557.0	-7.0	-1.2
1979	BN	575.0	575.0	0.0	0.0
1980	AN	355.7	390.0	34.3	9.6
1981	D	529.1	527.0	-2.0	-0.4
1982	W	305.6	338.0	32.4	10.6
1983	W	554.6	551.0	-3.6	-0.6
1984	W	311.7	360.0	48.3	15.5
1985	D	541.8	573.1	31.3	5.8
1986	W	498.5	357.0	-141.5	-28.4
1987	D	545.6	467.0	-78.6	-14.4
1988	C	439.5	402.0	-37.5	-8.5
1989	D	389.4	423.3	33.8	8.7
1990	C	398.7	381.8	-16.9	-4.2
1991	C	256.5	116.2	-140.2	-54.7
1992	C	484.3	483.9	-0.4	-0.1
1993	AN	573.5	555.0	-18.5	-3.2
	Mean:	503.2	488.7	-14.4	-3.0
	Median:	549.1	538.3	-3.3	-0.6
	Min:	240.2	116.2	-207.6	-54.7
	Max:	575.0	575.0	50.3	15.5

Folsom Reservoir Storage

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	680.5	674.0	-6.5	-1.0
1923	BN	598.9	637.3	38.4	6.4
1924	C	380.7	377.7	-3.0	-0.8
1925	D	521.6	476.7	-44.8	-8.6
1926	D	599.5	603.0	3.5	0.6
1927	W	679.0	661.0	-18.0	-2.7
1928	AN	680.5	638.0	-42.5	-6.2
1929	C	570.4	315.1	-255.3	-44.8
1930	D	680.5	672.0	-8.5	-1.2
1931	C	393.1	294.8	-98.3	-25.0
1932	D	654.6	673.0	18.4	2.8
1933	C	410.8	359.1	-51.7	-12.6
1934	C	617.7	620.7	3.0	0.5
1935	BN	601.0	496.5	-104.5	-17.4
1936	BN	680.5	667.0	-13.5	-2.0
1937	BN	680.5	675.0	-5.5	-0.8
1938	W	680.5	674.0	-6.5	-1.0
1939	D	572.9	610.0	37.2	6.5
1940	AN	678.4	618.0	-60.4	-8.9
1941	W	680.5	672.0	-8.5	-1.2
1942	W	677.2	665.0	-12.2	-1.8
1943	W	671.4	618.0	-53.4	-8.0
1944	D	653.8	621.7	-32.0	-4.9
1945	BN	679.0	672.0	-7.0	-1.0
1946	BN	679.3	663.0	-16.3	-2.4
1947	D	680.5	608.3	-72.2	-10.6
1948	BN	504.1	410.1	-94.0	-18.6
1949	D	680.5	675.0	-5.5	-0.8
1950	BN	680.5	672.0	-8.5	-1.2
1951	AN	577.0	587.0	10.0	1.7
1952	W	680.5	674.0	-6.5	-1.0
1953	W	657.9	640.9	-17.0	-2.6
1954	AN	680.5	672.0	-8.5	-1.2
1955	D	556.0	512.5	-43.6	-7.8
1956	W	552.0	592.3	40.3	7.3
1957	AN	679.5	667.0	-12.5	-1.8
1958	W	678.3	671.0	-7.3	-1.1
1959	BN	617.7	619.2	1.6	0.3
1960	D	680.5	669.0	-11.5	-1.7
1961	D	450.6	332.0	-118.6	-26.3
1962	BN	680.5	627.8	-52.7	-7.7
1963	W	597.6	592.5	-5.1	-0.9
1964	D	573.7	562.0	-11.8	-2.1
1965	W	507.4	517.9	10.5	2.1
1966	BN	635.7	674.0	38.3	6.0
1967	W	678.5	642.0	-36.5	-5.4
1968	BN	673.0	650.0	-23.0	-3.4
1969	W	668.6	645.0	-23.6	-3.5
1970	W	592.2	594.0	1.8	0.3
1971	W	678.8	663.0	-15.8	-2.3
1972	BN	680.5	660.0	-20.5	-3.0
1973	AN	673.5	669.0	-4.5	-0.7
1974	W	651.0	606.0	-45.0	-6.9
1975	W	680.5	674.0	-6.5	-1.0
1976	C	531.7	487.0	-44.7	-8.4
1977	C	231.4	265.7	34.3	14.8
1978	AN	673.4	623.0	-50.4	-7.5
1979	BN	680.5	672.0	-8.5	-1.2
1980	AN	595.6	602.0	6.4	1.1
1981	D	671.8	674.0	2.2	0.3
1982	W	571.7	581.0	9.3	1.6
1983	W	673.4	622.0	-51.4	-7.6
1984	W	579.8	589.0	9.2	1.6
1985	D	634.0	640.6	6.6	1.0
1986	W	571.7	570.0	-1.7	-0.3
1987	D	663.7	586.0	-77.8	-11.7
1988	C	459.3	443.3	-16.1	-3.5
1989	D	676.5	611.0	-65.5	-9.7
1990	C	521.1	481.7	-39.5	-7.6
1991	C	481.3	310.7	-170.5	-35.4
1992	C	586.9	633.5	46.5	7.9
1993	AN	677.2	621.0	-56.2	-8.3
	Mean:	614.1	589.5	-24.5	-4.2
	Median:	660.8	621.9	-11.7	-1.8
	Min:	231.4	265.7	-255.3	-44.8
	Max:	680.5	675.0	46.5	14.8

Folsom Reservoir Storage

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	800.0	800.0	0.0	0.0
1923	BN	800.0	800.0	0.0	0.0
1924	C	401.0	387.1	-13.9	-3.5
1925	D	800.0	785.8	-14.2	-1.8
1926	D	800.0	800.0	0.0	0.0
1927	W	800.0	800.0	0.0	0.0
1928	AN	800.0	800.0	0.0	0.0
1929	C	574.4	363.5	-210.9	-36.7
1930	D	800.0	771.0	-29.0	-3.6
1931	C	380.6	312.3	-68.4	-18.0
1932	D	776.0	792.4	16.4	2.1
1933	C	360.5	347.3	-13.1	-3.6
1934	C	525.7	516.2	-9.4	-1.8
1935	BN	800.0	800.0	0.0	0.0
1936	BN	800.0	800.0	0.0	0.0
1937	BN	800.0	800.0	0.0	0.0
1938	W	800.0	800.0	0.0	0.0
1939	D	648.5	658.1	9.6	1.5
1940	AN	800.0	800.0	0.0	0.0
1941	W	800.0	800.0	0.0	0.0
1942	W	800.0	800.0	0.0	0.0
1943	W	800.0	800.0	0.0	0.0
1944	D	706.7	663.7	-43.0	-6.1
1945	BN	800.0	800.0	0.0	0.0
1946	BN	800.0	800.0	0.0	0.0
1947	D	678.7	622.0	-56.7	-8.4
1948	BN	800.0	734.8	-65.2	-8.2
1949	D	800.0	800.0	0.0	0.0
1950	BN	800.0	800.0	0.0	0.0
1951	AN	800.0	800.0	0.0	0.0
1952	W	800.0	800.0	0.0	0.0
1953	W	800.0	800.0	0.0	0.0
1954	AN	800.0	800.0	0.0	0.0
1955	D	636.2	567.8	-68.4	-10.8
1956	W	780.0	800.0	20.0	2.6
1957	AN	722.3	720.6	-1.6	-0.2
1958	W	800.0	800.0	0.0	0.0
1959	BN	691.1	704.5	13.4	1.9
1960	D	688.7	677.3	-11.4	-1.7
1961	D	475.3	393.4	-81.9	-17.2
1962	BN	800.0	800.0	0.0	0.0
1963	W	800.0	800.0	0.0	0.0
1964	D	629.2	613.5	-15.8	-2.5
1965	W	800.0	800.0	0.0	0.0
1966	BN	773.2	800.0	26.8	3.5
1967	W	800.0	800.0	0.0	0.0
1968	BN	725.9	712.9	-13.1	-1.8
1969	W	800.0	800.0	0.0	0.0
1970	W	684.0	671.0	-13.0	-1.9
1971	W	780.6	766.7	-14.0	-1.8
1972	BN	782.1	754.2	-27.9	-3.6
1973	AN	800.0	800.0	0.0	0.0
1974	W	800.0	800.0	0.0	0.0
1975	W	771.4	800.0	28.6	3.7
1976	C	567.7	510.5	-57.1	-10.1
1977	C	221.9	265.8	43.9	19.8
1978	AN	800.0	800.0	0.0	0.0
1979	BN	800.0	799.6	-0.4	-0.1
1980	AN	800.0	800.0	0.0	0.0
1981	D	721.6	767.2	45.5	6.3
1982	W	800.0	800.0	0.0	0.0
1983	W	800.0	800.0	0.0	0.0
1984	W	749.2	755.4	6.2	0.8
1985	D	726.7	800.0	73.3	10.1
1986	W	800.0	800.0	0.0	0.0
1987	D	658.7	633.9	-24.8	-3.8
1988	C	508.2	487.6	-20.6	-4.1
1989	D	800.0	800.0	0.0	0.0
1990	C	535.5	483.0	-52.5	-9.8
1991	C	619.0	430.3	-188.6	-30.5
1992	C	530.8	560.8	30.1	5.7
1993	AN	800.0	800.0	0.0	0.0
	Mean:	722.7	711.5	-11.1	-1.9
	Median:	800.0	800.0	0.0	0.0
	Min:	221.9	265.8	-210.9	-36.7
	Max:	800.0	800.0	73.3	19.8

Folsom Reservoir Storage

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	975.0	975.0	0.0	0.0
1923	BN	975.0	975.0	0.0	0.0
1924	C	412.5	389.5	-23.0	-5.6
1925	D	975.0	975.0	0.0	0.0
1926	D	764.3	762.0	-2.3	-0.3
1927	W	975.0	975.0	0.0	0.0
1928	AN	892.7	891.7	-1.0	-0.1
1929	C	629.2	408.8	-220.5	-35.0
1930	D	849.0	789.7	-59.3	-7.0
1931	C	429.8	337.1	-92.8	-21.6
1932	D	975.0	975.0	0.0	0.0
1933	C	517.3	440.3	-77.0	-14.9
1934	C	512.8	503.7	-9.1	-1.8
1935	BN	943.6	938.9	-4.7	-0.5
1936	BN	975.0	975.0	0.0	0.0
1937	BN	975.0	975.0	0.0	0.0
1938	W	975.0	975.0	0.0	0.0
1939	D	640.3	677.7	37.4	5.8
1940	AN	975.0	975.0	0.0	0.0
1941	W	975.0	975.0	0.0	0.0
1942	W	975.0	975.0	0.0	0.0
1943	W	965.9	975.0	9.1	0.9
1944	D	752.1	747.0	-5.1	-0.7
1945	BN	975.0	975.0	0.0	0.0
1946	BN	975.0	975.0	0.0	0.0
1947	D	663.0	631.8	-31.2	-4.7
1948	BN	975.0	975.0	0.0	0.0
1949	D	933.4	975.0	41.6	4.5
1950	BN	975.0	975.0	0.0	0.0
1951	AN	975.0	975.0	0.0	0.0
1952	W	975.0	975.0	0.0	0.0
1953	W	975.0	975.0	0.0	0.0
1954	AN	842.0	860.4	18.4	2.2
1955	D	714.7	680.4	-34.4	-4.8
1956	W	975.0	975.0	0.0	0.0
1957	AN	975.0	975.0	0.0	0.0
1958	W	975.0	975.0	0.0	0.0
1959	BN	672.4	722.1	49.7	7.4
1960	D	709.2	711.2	2.0	0.3
1961	D	510.8	459.1	-51.7	-10.1
1962	BN	864.2	929.0	64.8	7.5
1963	W	975.0	975.0	0.0	0.0
1964	D	726.3	698.1	-28.3	-3.9
1965	W	961.0	957.3	-3.7	-0.4
1966	BN	748.4	836.3	88.0	11.8
1967	W	975.0	975.0	0.0	0.0
1968	BN	744.9	722.8	-22.1	-3.0
1969	W	975.0	975.0	0.0	0.0
1970	W	748.9	785.6	36.7	4.9
1971	W	975.0	975.0	0.0	0.0
1972	BN	885.9	862.1	-23.7	-2.7
1973	AN	975.0	975.0	0.0	0.0
1974	W	975.0	975.0	0.0	0.0
1975	W	975.0	975.0	0.0	0.0
1976	C	599.1	539.4	-59.6	-9.9
1977	C	220.9	274.9	54.1	24.5
1978	AN	975.0	975.0	0.0	0.0
1979	BN	975.0	975.0	0.0	0.0
1980	AN	975.0	975.0	0.0	0.0
1981	D	696.3	795.2	98.9	14.2
1982	W	975.0	975.0	0.0	0.0
1983	W	975.0	975.0	0.0	0.0
1984	W	975.0	975.0	0.0	0.0
1985	D	717.9	824.2	106.4	14.8
1986	W	975.0	975.0	0.0	0.0
1987	D	641.8	648.1	6.2	1.0
1988	C	463.8	493.7	30.0	6.5
1989	D	830.9	854.8	23.9	2.9
1990	C	567.1	494.3	-72.8	-12.8
1991	C	715.2	561.6	-153.5	-21.5
1992	C	472.9	554.8	82.0	17.3
1993	AN	975.0	975.0	0.0	0.0
	Mean:	834.2	831.0	-3.1	-0.5
	Median:	970.5	975.0	0.0	0.0
	Min:	220.9	274.9	-220.5	-35.0
	Max:	975.0	975.0	106.4	24.5

Folsom Reservoir Storage

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	975.0	975.0	0.0	0.0
1923	BN	975.0	975.0	0.0	0.0
1924	C	355.5	345.7	-9.8	-2.8
1925	D	852.0	820.8	-31.1	-3.7
1926	D	529.9	568.2	38.2	7.2
1927	W	975.0	975.0	0.0	0.0
1928	AN	782.2	785.0	2.8	0.4
1929	C	558.5	425.1	-133.3	-23.9
1930	D	807.9	675.6	-132.3	-16.4
1931	C	356.4	346.9	-9.5	-2.7
1932	D	945.3	938.0	-7.3	-0.8
1933	C	501.3	441.5	-59.7	-11.9
1934	C	405.4	397.3	-8.1	-2.0
1935	BN	975.0	975.0	0.0	0.0
1936	BN	975.0	975.0	0.0	0.0
1937	BN	889.3	867.3	-22.0	-2.5
1938	W	975.0	975.0	0.0	0.0
1939	D	531.5	561.8	30.3	5.7
1940	AN	958.9	951.5	-7.5	-0.8
1941	W	975.0	964.4	-10.6	-1.1
1942	W	975.0	975.0	0.0	0.0
1943	W	975.0	975.0	0.0	0.0
1944	D	686.1	684.1	-2.1	-0.3
1945	BN	922.2	917.4	-4.8	-0.5
1946	BN	900.8	878.9	-22.0	-2.4
1947	D	582.1	566.9	-15.2	-2.6
1948	BN	975.0	975.0	0.0	0.0
1949	D	799.8	815.2	15.4	1.9
1950	BN	975.0	975.0	0.0	0.0
1951	AN	947.5	954.7	7.2	0.8
1952	W	975.0	975.0	0.0	0.0
1953	W	975.0	975.0	0.0	0.0
1954	AN	773.3	787.7	14.4	1.9
1955	D	600.0	600.0	0.0	0.0
1956	W	975.0	975.0	0.0	0.0
1957	AN	932.5	914.4	-18.1	-1.9
1958	W	975.0	975.0	0.0	0.0
1959	BN	600.0	600.0	0.0	0.0
1960	D	600.0	600.0	0.0	0.0
1961	D	481.8	455.7	-26.2	-5.4
1962	BN	903.8	934.6	30.8	3.4
1963	W	975.0	965.7	-9.3	-1.0
1964	D	687.3	687.9	0.6	0.1
1965	W	975.0	975.0	0.0	0.0
1966	BN	600.0	666.9	66.9	11.2
1967	W	975.0	975.0	0.0	0.0
1968	BN	661.6	603.3	-58.3	-8.8
1969	W	975.0	975.0	0.0	0.0
1970	W	769.9	777.4	7.5	1.0
1971	W	975.0	975.0	0.0	0.0
1972	BN	686.8	626.8	-60.0	-8.7
1973	AN	868.1	837.9	-30.1	-3.5
1974	W	975.0	975.0	0.0	0.0
1975	W	975.0	975.0	0.0	0.0
1976	C	595.0	522.5	-72.5	-12.2
1977	C	197.0	251.6	54.6	27.7
1978	AN	975.0	975.0	0.0	0.0
1979	BN	800.0	750.5	-49.6	-6.2
1980	AN	975.0	975.0	0.0	0.0
1981	D	600.0	600.0	0.0	0.0
1982	W	975.0	975.0	0.0	0.0
1983	W	975.0	975.0	0.0	0.0
1984	W	933.8	934.8	1.0	0.1
1985	D	582.5	664.3	81.8	14.0
1986	W	975.0	975.0	0.0	0.0
1987	D	527.5	549.0	21.4	4.1
1988	C	393.3	467.4	74.1	18.8
1989	D	737.1	690.1	-47.0	-6.4
1990	C	503.6	485.0	-18.6	-3.7
1991	C	722.1	577.2	-144.9	-20.1
1992	C	398.0	460.0	62.0	15.6
1993	AN	975.0	975.0	0.0	0.0
	Mean:	788.4	781.5	-7.0	-0.5
	Median:	895.0	873.1	0.0	0.0
	Min:	197.0	251.6	-144.9	-23.9
	Max:	975.0	975.0	81.8	27.7

Folsom Reservoir Storage

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	873.3	862.9	-10.5	-1.2
1923	BN	809.6	788.5	-21.1	-2.6
1924	C	314.7	307.7	-7.1	-2.3
1925	D	659.0	596.7	-62.2	-9.4
1926	D	409.7	407.4	-2.3	-0.6
1927	W	793.4	771.9	-21.5	-2.7
1928	AN	572.2	559.7	-12.6	-2.2
1929	C	460.5	384.2	-76.3	-16.6
1930	D	554.6	513.4	-41.3	-7.4
1931	C	317.3	323.7	6.4	2.0
1932	D	783.1	746.5	-36.6	-4.7
1933	C	372.1	355.9	-16.2	-4.4
1934	C	335.2	319.0	-16.2	-4.8
1935	BN	792.3	762.7	-29.6	-3.7
1936	BN	809.7	788.9	-20.8	-2.6
1937	BN	694.4	651.2	-43.2	-6.2
1938	W	972.8	950.0	-22.8	-2.3
1939	D	414.2	424.0	9.8	2.4
1940	AN	749.9	721.2	-28.7	-3.8
1941	W	937.3	900.0	-37.3	-4.0
1942	W	850.6	876.4	25.8	3.0
1943	W	802.3	780.7	-21.6	-2.7
1944	D	580.1	585.8	5.7	1.0
1945	BN	735.4	708.7	-26.7	-3.6
1946	BN	695.4	652.5	-42.8	-6.2
1947	D	450.5	457.8	7.4	1.6
1948	BN	831.4	822.3	-9.1	-1.1
1949	D	600.0	600.0	0.0	0.0
1950	BN	800.9	779.0	-21.9	-2.7
1951	AN	710.5	697.5	-13.0	-1.8
1952	W	948.6	950.0	1.4	0.1
1953	W	865.0	844.2	-20.8	-2.4
1954	AN	600.0	600.0	0.0	0.0
1955	D	497.6	482.8	-14.8	-3.0
1956	W	939.5	950.0	10.5	1.1
1957	AN	729.1	688.8	-40.3	-5.5
1958	W	975.0	950.0	-25.0	-2.6
1959	BN	320.0	314.5	-5.5	-1.7
1960	D	457.9	476.5	18.6	4.1
1961	D	224.3	215.3	-8.9	-4.0
1962	BN	679.4	685.7	6.2	0.9
1963	W	780.1	748.3	-31.8	-4.1
1964	D	527.2	532.4	5.2	1.0
1965	W	817.3	795.9	-21.5	-2.6
1966	BN	447.7	540.4	92.7	20.7
1967	W	975.0	950.0	-25.0	-2.6
1968	BN	434.2	354.3	-79.9	-18.4
1969	W	842.8	872.1	29.3	3.5
1970	W	559.2	545.6	-13.5	-2.4
1971	W	822.2	801.4	-20.8	-2.5
1972	BN	444.7	366.6	-78.1	-17.6
1973	AN	647.9	600.0	-47.9	-7.4
1974	W	958.5	950.0	-8.5	-0.9
1975	W	923.5	861.6	-62.0	-6.7
1976	C	491.3	471.3	-20.0	-4.1
1977	C	149.2	159.1	9.9	6.6
1978	AN	806.7	775.9	-30.8	-3.8
1979	BN	600.0	598.4	-1.6	-0.3
1980	AN	941.5	915.0	-26.6	-2.8
1981	D	421.4	445.9	24.5	5.8
1982	W	975.0	948.3	-26.7	-2.7
1983	W	975.0	950.0	-25.0	-2.6
1984	W	735.0	722.3	-12.7	-1.7
1985	D	450.9	484.3	33.4	7.4
1986	W	779.7	758.8	-20.8	-2.7
1987	D	408.8	449.9	41.1	10.1
1988	C	318.9	410.6	91.8	28.8
1989	D	503.0	506.6	3.6	0.7
1990	C	396.7	414.5	17.8	4.5
1991	C	601.8	472.3	-129.5	-21.5
1992	C	338.1	378.4	40.3	11.9
1993	AN	861.0	839.4	-21.6	-2.5
	Mean:	650.7	637.1	-13.6	-1.5
	Median:	686.9	651.9	-16.2	-2.5
	Min:	149.2	159.1	-129.5	-21.5
	Max:	975.0	950.0	92.7	28.8

Folsom Reservoir Storage

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	665.3	799.9	134.6	20.2
1923	BN	737.4	758.5	21.0	2.8
1924	C	320.6	281.9	-38.7	-12.1
1925	D	548.9	553.7	4.8	0.9
1926	D	354.1	323.7	-30.4	-8.6
1927	W	786.1	745.7	-40.4	-5.1
1928	AN	520.1	485.9	-34.1	-6.6
1929	C	410.4	336.5	-73.9	-18.0
1930	D	531.7	482.8	-49.0	-9.2
1931	C	305.1	303.7	-1.4	-0.5
1932	D	652.6	623.0	-29.6	-4.5
1933	C	346.3	316.8	-29.5	-8.5
1934	C	300.7	215.7	-85.0	-28.3
1935	BN	703.7	669.2	-34.4	-4.9
1936	BN	744.5	670.2	-74.3	-10.0
1937	BN	571.6	540.4	-31.1	-5.4
1938	W	798.8	737.5	-61.3	-7.7
1939	D	400.7	343.1	-57.6	-14.4
1940	AN	723.8	664.1	-59.7	-8.2
1941	W	743.0	694.9	-48.1	-6.5
1942	W	814.7	800.0	-14.7	-1.8
1943	W	795.7	761.0	-34.7	-4.4
1944	D	531.7	558.7	27.0	5.1
1945	BN	723.3	653.0	-70.3	-9.7
1946	BN	691.3	624.3	-67.0	-9.7
1947	D	451.7	398.1	-53.5	-11.8
1948	BN	778.0	788.0	10.0	1.3
1949	D	600.0	562.1	-37.9	-6.3
1950	BN	776.6	710.4	-66.1	-8.5
1951	AN	660.1	674.2	14.1	2.1
1952	W	872.2	800.0	-72.2	-8.3
1953	W	800.2	799.5	-0.7	-0.1
1954	AN	543.8	570.9	27.1	5.0
1955	D	463.8	456.1	-7.7	-1.7
1956	W	918.2	800.0	-118.2	-12.9
1957	AN	629.3	629.9	0.7	0.1
1958	W	925.9	800.0	-125.9	-13.6
1959	BN	327.1	255.5	-71.6	-21.9
1960	D	423.3	430.6	7.3	1.7
1961	D	222.0	142.9	-79.2	-35.7
1962	BN	652.3	642.8	-9.5	-1.5
1963	W	688.4	718.0	29.6	4.3
1964	D	509.7	440.8	-68.9	-13.5
1965	W	817.9	788.9	-29.0	-3.5
1966	BN	456.7	498.7	42.0	9.2
1967	W	893.7	800.0	-93.7	-10.5
1968	BN	423.7	331.4	-92.3	-21.8
1969	W	656.6	673.3	16.7	2.5
1970	W	530.4	507.4	-23.0	-4.3
1971	W	787.2	778.6	-8.6	-1.1
1972	BN	457.9	329.4	-128.5	-28.1
1973	AN	643.1	568.8	-74.3	-11.6
1974	W	888.3	800.0	-88.3	-9.9
1975	W	886.8	800.0	-86.8	-9.8
1976	C	499.7	442.3	-57.4	-11.5
1977	C	133.1	90.0	-43.1	-32.4
1978	AN	600.0	600.0	0.0	0.0
1979	BN	600.0	552.7	-47.3	-7.9
1980	AN	911.5	786.8	-124.7	-13.7
1981	D	401.0	403.2	2.2	0.5
1982	W	822.5	736.1	-86.4	-10.5
1983	W	975.0	800.0	-175.0	-17.9
1984	W	728.1	598.7	-129.4	-17.8
1985	D	403.2	431.6	28.4	7.0
1986	W	749.7	600.0	-149.7	-20.0
1987	D	401.2	381.8	-19.4	-4.8
1988	C	271.1	343.7	72.7	26.8
1989	D	487.6	468.5	-19.1	-3.9
1990	C	410.6	379.8	-30.8	-7.5
1991	C	476.6	396.9	-79.7	-16.7
1992	C	304.1	315.4	11.3	3.7
1993	AN	757.4	779.8	22.4	3.0
	Mean:	601.9	563.2	-38.8	-6.8
	Median:	614.6	584.8	-36.3	-7.1
	Min:	133.1	90.0	-175.0	-35.7
	Max:	975.0	800.0	134.6	26.8

Folsom Reservoir Storage

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	650.5	650.0	-0.5	-0.1
1923	BN	732.4	650.0	-82.4	-11.3
1924	C	275.8	215.3	-60.5	-21.9
1925	D	609.9	528.4	-81.5	-13.4
1926	D	347.7	312.5	-35.2	-10.1
1927	W	807.9	650.0	-157.9	-19.5
1928	AN	561.6	452.5	-109.2	-19.4
1929	C	406.0	310.6	-95.4	-23.5
1930	D	575.6	469.2	-106.4	-18.5
1931	C	285.3	287.1	1.8	0.6
1932	D	640.1	600.8	-39.3	-6.1
1933	C	343.4	270.2	-73.2	-21.3
1934	C	291.6	195.7	-95.9	-32.9
1935	BN	689.5	650.0	-39.5	-5.7
1936	BN	705.1	603.6	-101.5	-14.4
1937	BN	556.2	503.4	-52.8	-9.5
1938	W	787.5	650.0	-137.5	-17.5
1939	D	407.3	337.7	-69.6	-17.1
1940	AN	707.5	647.7	-59.9	-8.5
1941	W	688.8	650.0	-38.8	-5.6
1942	W	813.5	650.0	-163.5	-20.1
1943	W	769.3	650.0	-119.3	-15.5
1944	D	564.7	515.6	-49.1	-8.7
1945	BN	691.1	624.5	-66.6	-9.6
1946	BN	736.0	608.8	-127.3	-17.3
1947	D	421.2	365.6	-55.6	-13.2
1948	BN	765.6	650.0	-115.6	-15.1
1949	D	574.0	534.9	-39.1	-6.8
1950	BN	769.5	650.0	-119.5	-15.5
1951	AN	645.8	650.0	4.2	0.7
1952	W	839.9	650.0	-189.9	-22.6
1953	W	749.9	650.0	-99.9	-13.3
1954	AN	514.2	548.2	34.0	6.6
1955	D	507.3	424.6	-82.7	-16.3
1956	W	913.6	650.0	-263.6	-28.9
1957	AN	562.2	609.7	47.5	8.4
1958	W	896.7	650.0	-246.7	-27.5
1959	BN	367.4	253.4	-114.0	-31.0
1960	D	404.7	397.2	-7.5	-1.9
1961	D	251.1	123.2	-127.8	-50.9
1962	BN	627.8	620.0	-7.7	-1.2
1963	W	635.6	650.0	14.4	2.3
1964	D	458.4	385.6	-72.7	-15.9
1965	W	842.3	650.0	-192.3	-22.8
1966	BN	429.3	472.4	43.0	10.0
1967	W	892.9	650.0	-242.9	-27.2
1968	BN	455.6	304.9	-150.7	-33.1
1969	W	655.0	650.0	-5.0	-0.8
1970	W	508.4	439.9	-68.5	-13.5
1971	W	796.8	650.0	-146.8	-18.4
1972	BN	498.6	314.2	-184.4	-37.0
1973	AN	634.6	565.3	-69.2	-10.9
1974	W	848.8	650.0	-198.8	-23.4
1975	W	841.8	650.0	-191.8	-22.8
1976	C	499.4	411.8	-87.6	-17.5
1977	C	130.3	90.0	-40.3	-30.9
1978	AN	553.4	580.7	27.3	4.9
1979	BN	614.1	510.3	-103.7	-16.9
1980	AN	901.1	650.0	-251.1	-27.9
1981	D	429.7	392.3	-37.5	-8.7
1982	W	839.3	650.0	-189.3	-22.6
1983	W	975.0	650.0	-325.0	-33.3
1984	W	714.6	589.7	-124.9	-17.5
1985	D	385.2	373.5	-11.7	-3.0
1986	W	746.7	603.4	-143.3	-19.2
1987	D	424.0	383.5	-40.5	-9.6
1988	C	284.3	316.3	31.9	11.2
1989	D	534.5	468.0	-66.6	-12.5
1990	C	395.6	352.6	-43.0	-10.9
1991	C	437.4	322.7	-114.8	-26.2
1992	C	289.1	279.8	-9.3	-3.2
1993	AN	691.7	650.0	-41.7	-6.0
	Mean:	594.4	505.8	-88.6	-14.4
	Median:	612.0	573.0	-77.4	-15.3
	Min:	130.3	90.0	-325.0	-50.9
	Max:	975.0	650.0	47.5	11.2

Folsom Reservoir Water Surface Elevation

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	413.5	413.2	-0.3	-0.1
1923	BN	431.0	428.9	-2.1	-0.5
1924	C	427.4	427.1	-0.3	-0.1
1925	D	378.1	369.8	-8.3	-2.2
1926	D	424.2	412.8	-11.3	-2.7
1927	W	387.0	386.7	-0.3	-0.1
1928	AN	434.7	428.8	-5.9	-1.4
1929	C	417.0	402.7	-14.3	-3.4
1930	D	396.1	384.7	-11.5	-2.9
1931	C	414.0	397.7	-16.3	-3.9
1932	D	377.3	361.4	-15.9	-4.2
1933	C	420.7	416.3	-4.4	-1.0
1934	C	388.5	382.6	-5.9	-1.5
1935	BN	371.5	330.0	-41.4	-11.1
1936	BN	428.2	426.7	-1.5	-0.4
1937	BN	429.4	422.1	-7.3	-1.7
1938	W	418.8	412.8	-6.0	-1.4
1939	D	441.6	431.6	-9.9	-2.2
1940	AN	398.4	391.3	-7.1	-1.8
1941	W	429.1	425.8	-3.3	-0.8
1942	W	434.4	431.2	-3.2	-0.7
1943	W	442.8	430.3	-12.5	-2.8
1944	D	431.3	426.1	-5.2	-1.2
1945	BN	411.3	410.8	-0.5	-0.1
1946	BN	429.6	426.6	-3.1	-0.7
1947	D	422.9	419.7	-3.2	-0.8
1948	BN	403.4	398.3	-5.1	-1.3
1949	D	439.0	430.0	-8.9	-2.0
1950	BN	418.9	413.3	-5.6	-1.3
1951	AN	427.9	427.0	-0.8	-0.2
1952	W	427.4	431.0	3.6	0.8
1953	W	444.2	432.6	-11.6	-2.6
1954	AN	438.7	430.5	-8.3	-1.9
1955	D	411.2	414.9	3.6	0.9
1956	W	409.9	396.8	-13.1	-3.2
1957	AN	444.2	433.4	-10.8	-2.4
1958	W	420.1	426.5	6.4	1.5
1959	BN	444.2	429.8	-14.4	-3.2
1960	D	390.8	377.2	-13.6	-3.5
1961	D	396.8	393.8	-2.9	-0.7
1962	BN	380.3	340.2	-40.1	-10.5
1963	W	444.2	441.1	-3.2	-0.7
1964	D	430.4	432.4	2.0	0.5
1965	W	392.7	387.0	-5.8	-1.5
1966	BN	434.3	427.4	-6.9	-1.6
1967	W	400.0	405.4	5.4	1.3
1968	BN	444.2	432.2	-12.1	-2.7
1969	W	401.1	385.6	-15.5	-3.9
1970	W	433.7	432.9	-0.8	-0.2
1971	W	409.8	402.7	-7.1	-1.7
1972	BN	441.6	430.5	-11.0	-2.5
1973	AN	411.0	388.0	-23.0	-5.6
1974	W	429.8	422.1	-7.8	-1.8
1975	W	444.2	431.1	-13.1	-2.9
1976	C	444.2	437.2	-7.0	-1.6
1977	C	406.3	401.9	-4.4	-1.1
1978	AN	330.0	330.0	0.0	0.0
1979	BN	417.2	419.5	2.3	0.6
1980	AN	426.4	415.1	-11.3	-2.7
1981	D	444.2	425.9	-18.3	-4.1
1982	W	403.3	398.6	-4.8	-1.2
1983	W	443.5	441.1	-2.4	-0.5
1984	W	441.8	440.7	-1.1	-0.2
1985	D	437.9	426.3	-11.6	-2.6
1986	W	387.0	392.0	5.0	1.3
1987	D	433.4	426.1	-7.3	-1.7
1988	C	397.2	393.7	-3.5	-0.9
1989	D	385.3	387.6	2.3	0.6
1990	C	413.3	410.6	-2.7	-0.7
1991	C	392.2	386.6	-5.6	-1.4
1992	C	398.9	390.8	-8.0	-2.0
1993	AN	382.0	377.1	-4.9	-1.3
	Mean:	416.6	409.6	-7.0	-1.7
	Median:	420.4	415.7	-5.9	-1.4
	Min:	330.0	330.0	-41.4	-11.1
	Max:	444.2	441.1	6.4	1.5

Folsom Reservoir Water Surface Elevation

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	409.3	407.6	-1.6	-0.4
1923	BN	418.9	424.3	5.4	1.3
1924	C	414.2	418.7	4.5	1.1
1925	D	386.9	376.6	-10.2	-2.6
1926	D	418.2	409.2	-9.0	-2.2
1927	W	413.5	410.0	-3.5	-0.8
1928	AN	418.9	424.3	5.4	1.3
1929	C	410.9	396.9	-14.0	-3.4
1930	D	387.2	380.0	-7.2	-1.9
1931	C	407.5	392.0	-15.4	-3.8
1932	D	381.7	364.1	-17.6	-4.6
1933	C	401.9	407.0	5.1	1.3
1934	C	384.5	381.1	-3.4	-0.9
1935	BN	385.9	351.9	-34.0	-8.8
1936	BN	419.2	422.5	3.3	0.8
1937	BN	418.9	415.0	-4.0	-1.0
1938	W	417.4	410.6	-6.8	-1.6
1939	D	418.9	424.3	5.4	1.3
1940	AN	388.7	388.2	-0.4	-0.1
1941	W	419.7	420.0	0.3	0.1
1942	W	419.8	424.3	4.5	1.1
1943	W	418.9	424.3	5.4	1.3
1944	D	418.1	419.5	1.4	0.3
1945	BN	415.2	416.8	1.6	0.4
1946	BN	420.8	424.3	3.5	0.8
1947	D	419.5	410.0	-9.5	-2.3
1948	BN	400.2	397.2	-3.0	-0.7
1949	D	420.3	424.3	4.0	1.0
1950	BN	413.2	406.6	-6.6	-1.6
1951	AN	406.1	400.3	-5.8	-1.4
1952	W	420.8	424.3	3.5	0.8
1953	W	418.9	424.3	5.4	1.3
1954	AN	420.2	424.3	4.1	1.0
1955	D	406.3	408.8	2.4	0.6
1956	W	405.2	391.2	-13.9	-3.4
1957	AN	419.0	424.0	5.1	1.2
1958	W	415.6	421.1	5.5	1.3
1959	BN	418.9	424.0	5.1	1.2
1960	D	383.6	376.1	-7.6	-2.0
1961	D	393.0	391.5	-1.6	-0.4
1962	BN	384.4	341.4	-43.0	-11.2
1963	W	418.8	424.3	5.6	1.3
1964	D	419.0	424.3	5.3	1.3
1965	W	394.6	389.7	-5.0	-1.3
1966	BN	418.9	424.3	5.4	1.3
1967	W	401.6	407.7	6.1	1.5
1968	BN	418.9	424.3	5.4	1.3
1969	W	403.2	395.3	-7.9	-2.0
1970	W	418.8	424.3	5.5	1.3
1971	W	420.3	416.4	-3.9	-0.9
1972	BN	419.4	424.3	4.9	1.2
1973	AN	413.5	399.1	-14.4	-3.5
1974	W	420.4	424.3	3.9	0.9
1975	W	418.8	424.3	5.5	1.3
1976	C	419.0	424.3	5.3	1.3
1977	C	395.4	398.2	2.8	0.7
1978	AN	334.7	332.4	-2.2	-0.7
1979	BN	413.0	416.7	3.8	0.9
1980	AN	420.6	413.7	-6.9	-1.6
1981	D	419.0	421.4	2.4	0.6
1982	W	423.5	421.1	-2.4	-0.6
1983	W	418.8	424.1	5.3	1.3
1984	W	402.9	399.5	-3.3	-0.8
1985	D	419.6	424.3	4.7	1.1
1986	W	399.8	395.9	-3.9	-1.0
1987	D	419.6	418.6	-1.0	-0.2
1988	C	390.9	388.3	-2.6	-0.7
1989	D	399.9	400.0	0.1	0.0
1990	C	407.7	405.7	-2.0	-0.5
1991	C	382.7	378.0	-4.7	-1.2
1992	C	390.7	390.1	-0.6	-0.2
1993	AN	381.4	370.9	-10.5	-2.8
	Mean:	408.1	406.2	-1.9	-0.5
	Median:	415.4	412.2	-0.2	-0.1
	Min:	334.7	332.4	-43.0	-11.2
	Max:	423.5	424.3	6.1	1.5

Folsom Reservoir Water Surface Elevation

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	418.0	414.1	-3.9	-0.9
1923	BN	421.4	424.3	2.9	0.7
1924	C	399.6	409.8	10.2	2.6
1925	D	397.8	386.9	-10.9	-2.7
1926	D	414.4	404.9	-9.5	-2.3
1927	W	424.3	423.1	-1.2	-0.3
1928	AN	420.7	424.3	3.6	0.9
1929	C	407.4	391.1	-16.2	-4.0
1930	D	403.6	402.4	-1.1	-0.3
1931	C	401.3	383.1	-18.2	-4.5
1932	D	405.3	390.1	-15.2	-3.7
1933	C	395.9	400.2	4.3	1.1
1934	C	402.2	398.0	-4.2	-1.0
1935	BN	395.0	364.5	-30.6	-7.7
1936	BN	411.7	416.4	4.7	1.1
1937	BN	410.7	407.8	-2.9	-0.7
1938	W	422.5	424.3	1.8	0.4
1939	D	414.6	418.8	4.2	1.0
1940	AN	394.1	387.4	-6.7	-1.7
1941	W	422.1	424.3	2.2	0.5
1942	W	421.9	424.3	2.4	0.6
1943	W	421.0	424.3	3.3	0.8
1944	D	412.6	412.9	0.3	0.1
1945	BN	420.0	420.7	0.7	0.2
1946	BN	422.2	424.3	2.1	0.5
1947	D	419.6	409.7	-9.8	-2.3
1948	BN	396.2	392.9	-3.3	-0.8
1949	D	418.2	421.0	2.9	0.7
1950	BN	408.1	399.4	-8.8	-2.2
1951	AN	395.4	387.8	-7.7	-1.9
1952	W	422.8	424.3	1.5	0.4
1953	W	421.6	424.3	2.7	0.6
1954	AN	418.9	422.0	3.1	0.7
1955	D	413.1	412.9	-0.2	0.0
1956	W	422.5	418.9	-3.6	-0.9
1957	AN	415.6	419.3	3.7	0.9
1958	W	419.5	423.4	3.9	0.9
1959	BN	412.4	416.2	3.8	0.9
1960	D	387.4	377.0	-10.4	-2.7
1961	D	391.7	389.3	-2.3	-0.6
1962	BN	393.4	355.2	-38.2	-9.7
1963	W	420.7	424.3	3.6	0.9
1964	D	419.8	423.8	4.0	1.0
1965	W	418.2	397.4	-20.8	-5.0
1966	BN	419.3	423.1	3.8	0.9
1967	W	422.9	424.3	1.4	0.3
1968	BN	417.9	423.2	5.3	1.3
1969	W	411.8	409.7	-2.1	-0.5
1970	W	421.5	424.3	2.8	0.7
1971	W	421.8	424.3	2.5	0.6
1972	BN	421.8	424.3	2.5	0.6
1973	AN	422.6	418.6	-3.9	-0.9
1974	W	420.0	424.3	4.3	1.0
1975	W	417.3	421.9	4.6	1.1
1976	C	415.5	420.0	4.5	1.1
1977	C	380.2	390.9	10.7	2.8
1978	AN	377.8	371.9	-5.9	-1.6
1979	BN	408.2	411.4	3.2	0.8
1980	AN	422.5	415.3	-7.2	-1.7
1981	D	415.0	415.9	1.0	0.2
1982	W	401.5	398.4	-3.1	-0.8
1983	W	419.5	424.1	4.6	1.1
1984	W	398.4	391.7	-6.7	-1.7
1985	D	421.4	424.3	3.0	0.7
1986	W	409.4	407.3	-2.1	-0.5
1987	D	413.3	410.8	-2.4	-0.6
1988	C	396.0	395.1	-1.0	-0.3
1989	D	399.7	407.0	7.2	1.8
1990	C	399.7	399.5	-0.2	-0.1
1991	C	382.6	367.1	-15.5	-4.1
1992	C	384.1	390.7	6.6	1.7
1993	AN	394.3	384.4	-9.9	-2.5
	Mean:	410.2	408.1	-2.0	-0.5
	Median:	414.5	413.5	0.9	0.2
	Min:	377.8	355.2	-38.2	-9.7
	Max:	424.3	424.3	10.7	2.8

Folsom Reservoir Water Surface Elevation

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	424.1	415.8	-8.3	-2.0
1923	BN	422.6	424.3	1.8	0.4
1924	C	391.3	402.6	11.3	2.9
1925	D	393.9	389.3	-4.6	-1.2
1926	D	408.6	399.5	-9.2	-2.3
1927	W	424.3	424.3	0.0	0.0
1928	AN	420.7	424.3	3.6	0.9
1929	C	404.6	380.5	-24.1	-6.0
1930	D	413.6	412.1	-1.5	-0.4
1931	C	400.1	377.4	-22.7	-5.7
1932	D	413.4	406.7	-6.8	-1.6
1933	C	393.8	393.8	0.0	0.0
1934	C	418.5	411.8	-6.7	-1.6
1935	BN	406.7	388.0	-18.7	-4.6
1936	BN	423.7	424.3	0.6	0.1
1937	BN	406.8	403.3	-3.5	-0.9
1938	W	421.4	424.3	2.9	0.7
1939	D	412.7	414.6	1.9	0.5
1940	AN	424.3	423.9	-0.4	-0.1
1941	W	423.8	424.3	0.5	0.1
1942	W	422.4	423.9	1.5	0.4
1943	W	421.6	423.1	1.5	0.4
1944	D	412.1	410.1	-1.9	-0.5
1945	BN	422.9	420.3	-2.6	-0.6
1946	BN	422.5	423.8	1.3	0.3
1947	D	416.2	404.1	-12.2	-2.9
1948	BN	407.0	402.5	-4.5	-1.1
1949	D	415.3	415.5	0.3	0.1
1950	BN	424.3	424.3	-0.1	0.0
1951	AN	387.9	390.2	2.3	0.6
1952	W	424.1	424.3	0.2	0.0
1953	W	423.6	424.2	0.6	0.1
1954	AN	422.0	424.3	2.3	0.5
1955	D	419.0	418.7	-0.3	-0.1
1956	W	401.0	401.9	0.9	0.2
1957	AN	415.0	416.1	1.1	0.3
1958	W	424.3	424.3	0.0	0.0
1959	BN	419.3	423.3	4.1	1.0
1960	D	389.4	384.2	-5.2	-1.3
1961	D	387.3	379.2	-8.1	-2.1
1962	BN	390.0	359.6	-30.4	-7.8
1963	W	421.7	421.7	0.0	0.0
1964	D	422.6	424.3	1.7	0.4
1965	W	390.0	396.7	6.7	1.7
1966	BN	422.1	424.3	2.2	0.5
1967	W	423.2	423.8	0.6	0.1
1968	BN	420.3	424.3	4.0	1.0
1969	W	424.3	421.2	-3.1	-0.7
1970	W	410.1	401.1	-9.0	-2.2
1971	W	423.2	424.3	1.1	0.3
1972	BN	422.9	424.3	1.4	0.3
1973	AN	422.8	423.3	0.5	0.1
1974	W	418.9	414.4	-4.4	-1.1
1975	W	416.8	421.0	4.2	1.0
1976	C	411.2	412.7	1.5	0.4
1977	C	378.1	385.5	7.4	2.0
1978	AN	424.3	423.6	-0.7	-0.2
1979	BN	417.0	420.1	3.1	0.7
1980	AN	421.2	406.8	-14.4	-3.4
1981	D	417.8	417.1	-0.7	-0.2
1982	W	393.4	401.7	8.4	2.1
1983	W	420.6	423.0	2.4	0.6
1984	W	392.2	393.2	0.9	0.2
1985	D	417.4	420.9	3.5	0.8
1986	W	424.3	422.3	-2.0	-0.5
1987	D	410.6	406.9	-3.7	-0.9
1988	C	407.9	404.3	-3.7	-0.9
1989	D	398.5	411.1	12.6	3.2
1990	C	398.7	399.2	0.5	0.1
1991	C	380.5	352.4	-28.1	-7.4
1992	C	385.7	389.2	3.5	0.9
1993	AN	424.3	423.8	-0.5	-0.1
	Mean:	412.2	410.3	-1.9	-0.5
	Median:	417.6	415.9	0.3	0.1
	Min:	378.1	352.4	-30.4	-7.8
	Max:	424.3	424.3	12.6	3.2

Folsom Reservoir Water Surface Elevation

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	424.3	424.3	0.0	0.0
1923	BN	423.8	424.3	0.5	0.1
1924	C	401.5	403.3	1.9	0.5
1925	D	424.3	422.6	-1.7	-0.4
1926	D	424.3	420.3	-4.0	-0.9
1927	W	424.3	422.7	-1.6	-0.4
1928	AN	424.0	424.3	0.3	0.1
1929	C	413.1	382.8	-30.3	-7.3
1930	D	417.1	419.9	2.9	0.7
1931	C	396.7	376.2	-20.5	-5.2
1932	D	424.3	424.3	0.0	0.0
1933	C	398.8	389.6	-9.2	-2.3
1934	C	424.3	423.4	-0.9	-0.2
1935	BN	411.9	403.2	-8.7	-2.1
1936	BN	424.3	423.7	-0.6	-0.1
1937	BN	424.3	424.3	0.0	0.0
1938	W	423.2	424.3	1.1	0.3
1939	D	409.2	413.2	4.0	1.0
1940	AN	424.0	422.3	-1.7	-0.4
1941	W	424.3	424.2	-0.1	0.0
1942	W	422.8	422.8	0.0	0.0
1943	W	421.5	419.6	-1.9	-0.5
1944	D	417.5	416.9	-0.6	-0.1
1945	BN	424.3	423.1	-1.2	-0.3
1946	BN	418.0	416.2	-1.8	-0.4
1947	D	422.3	409.3	-13.0	-3.1
1948	BN	403.5	399.7	-3.8	-0.9
1949	D	414.2	415.6	1.4	0.3
1950	BN	424.3	423.9	-0.4	-0.1
1951	AN	387.9	393.6	5.8	1.5
1952	W	424.3	424.2	-0.1	0.0
1953	W	423.9	423.4	-0.5	-0.1
1954	AN	424.3	424.3	0.0	0.0
1955	D	415.7	414.8	-0.9	-0.2
1956	W	393.8	401.6	7.8	2.0
1957	AN	424.3	423.8	-0.5	-0.1
1958	W	424.3	423.1	-1.2	-0.3
1959	BN	424.3	424.3	0.0	0.0
1960	D	424.3	422.6	-1.7	-0.4
1961	D	399.3	383.2	-16.1	-4.0
1962	BN	424.3	417.0	-7.3	-1.7
1963	W	420.5	412.0	-8.5	-2.0
1964	D	419.7	423.6	4.0	1.0
1965	W	391.3	399.5	8.2	2.1
1966	BN	422.1	424.3	2.2	0.5
1967	W	423.6	422.5	-1.1	-0.3
1968	BN	424.3	421.7	-2.6	-0.6
1969	W	419.1	419.4	0.3	0.1
1970	W	397.9	400.0	2.1	0.5
1971	W	418.7	419.2	0.5	0.1
1972	BN	424.3	424.3	0.0	0.0
1973	AN	422.7	422.8	0.1	0.0
1974	W	417.2	412.6	-4.7	-1.1
1975	W	424.3	424.3	0.0	0.0
1976	C	414.6	409.3	-5.2	-1.3
1977	C	375.8	379.8	3.9	1.0
1978	AN	422.9	422.1	-0.9	-0.2
1979	BN	424.3	424.3	0.0	0.0
1980	AN	396.0	401.5	5.4	1.4
1981	D	418.6	418.4	-0.2	0.0
1982	W	387.9	393.2	5.3	1.4
1983	W	421.8	421.3	-0.4	-0.1
1984	W	388.9	396.7	7.9	2.0
1985	D	420.2	424.1	3.9	0.9
1986	W	414.9	396.3	-18.6	-4.5
1987	D	420.7	411.0	-9.7	-2.3
1988	C	407.6	403.0	-4.6	-1.1
1989	D	401.4	405.6	4.2	1.0
1990	C	402.6	400.3	-2.3	-0.6
1991	C	379.0	340.8	-38.1	-10.1
1992	C	413.1	413.1	-0.1	0.0
1993	AN	424.1	421.8	-2.3	-0.5
	Mean:	415.0	412.9	-2.2	-0.5
	Median:	421.1	419.8	-0.4	-0.1
	Min:	375.8	340.8	-38.1	-10.1
	Max:	424.3	424.3	8.2	2.1

Folsom Reservoir Water Surface Elevation

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	437.3	436.5	-0.7	-0.2
1923	BN	427.3	432.0	4.7	1.1
1924	C	400.1	399.6	-0.5	-0.1
1925	D	417.7	412.2	-5.5	-1.3
1926	D	427.3	427.8	0.4	0.1
1927	W	437.1	434.9	-2.2	-0.5
1928	AN	437.3	432.1	-5.2	-1.2
1929	C	423.7	389.4	-34.3	-8.1
1930	D	437.3	436.3	-1.0	-0.2
1931	C	401.9	386.1	-15.7	-3.9
1932	D	434.1	436.4	2.3	0.5
1933	C	404.1	396.6	-7.4	-1.8
1934	C	429.6	430.0	0.4	0.1
1935	BN	427.5	414.6	-12.9	-3.0
1936	BN	437.3	435.7	-1.6	-0.4
1937	BN	437.3	436.6	-0.6	-0.1
1938	W	437.3	436.5	-0.7	-0.2
1939	D	424.0	428.6	4.6	1.1
1940	AN	437.1	429.6	-7.4	-1.7
1941	W	437.3	436.3	-1.0	-0.2
1942	W	436.9	435.4	-1.5	-0.3
1943	W	436.2	429.6	-6.6	-1.5
1944	D	434.0	430.1	-4.0	-0.9
1945	BN	437.1	436.3	-0.8	-0.2
1946	BN	437.1	435.2	-2.0	-0.5
1947	D	437.3	428.4	-8.8	-2.0
1948	BN	415.6	404.0	-11.6	-2.8
1949	D	437.3	436.6	-0.6	-0.1
1950	BN	437.3	436.3	-1.0	-0.2
1951	AN	424.6	425.8	1.2	0.3
1952	W	437.3	436.5	-0.7	-0.2
1953	W	434.5	432.4	-2.1	-0.5
1954	AN	437.3	436.3	-1.0	-0.2
1955	D	422.0	416.6	-5.4	-1.3
1956	W	421.5	426.4	5.0	1.2
1957	AN	437.2	435.7	-1.5	-0.3
1958	W	437.0	436.2	-0.9	-0.2
1959	BN	429.6	429.8	0.2	0.0
1960	D	437.3	435.9	-1.4	-0.3
1961	D	409.0	392.2	-16.8	-4.1
1962	BN	437.3	430.8	-6.4	-1.5
1963	W	427.1	426.5	-0.6	-0.1
1964	D	424.2	422.7	-1.5	-0.4
1965	W	416.0	417.3	1.3	0.3
1966	BN	431.8	436.5	4.7	1.1
1967	W	437.1	432.6	-4.5	-1.0
1968	BN	436.4	433.6	-2.8	-0.6
1969	W	435.9	432.9	-2.9	-0.7
1970	W	426.4	426.7	0.2	0.0
1971	W	437.1	435.2	-1.9	-0.4
1972	BN	437.3	434.8	-2.5	-0.6
1973	AN	436.5	435.9	-0.6	-0.1
1974	W	433.7	428.1	-5.6	-1.3
1975	W	437.3	436.5	-0.7	-0.2
1976	C	419.0	413.4	-5.5	-1.3
1977	C	373.9	380.7	6.9	1.8
1978	AN	436.5	430.2	-6.2	-1.4
1979	BN	437.3	436.3	-1.0	-0.2
1980	AN	426.9	427.6	0.8	0.2
1981	D	436.3	436.5	0.3	0.1
1982	W	423.9	425.1	1.1	0.3
1983	W	436.5	430.1	-6.3	-1.4
1984	W	424.9	426.0	1.1	0.3
1985	D	431.6	432.4	0.8	0.2
1986	W	423.9	423.7	-0.2	0.0
1987	D	435.3	425.7	-9.6	-2.2
1988	C	410.0	408.1	-2.0	-0.5
1989	D	436.8	428.8	-8.1	-1.9
1990	C	417.7	412.8	-4.9	-1.2
1991	C	412.7	388.7	-24.0	-5.8
1992	C	425.8	431.5	5.7	1.3
1993	AN	436.9	430.0	-6.9	-1.6
	Mean:	429.0	425.9	-3.1	-0.7
	Median:	434.9	430.1	-1.5	-0.3
	Min:	373.9	380.7	-34.3	-8.1
	Max:	437.3	436.6	6.9	1.8

Folsom Reservoir Water Surface Elevation

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	448.8	448.8	0.0	0.0
1923	BN	448.8	448.8	0.0	0.0
1924	C	402.8	401.1	-1.7	-0.4
1925	D	448.8	447.5	-1.4	-0.3
1926	D	448.8	448.8	0.0	0.0
1927	W	448.8	448.8	0.0	0.0
1928	AN	448.8	448.8	0.0	0.0
1929	C	424.2	397.3	-26.9	-6.3
1930	D	448.8	446.0	-2.8	-0.6
1931	C	400.1	389.0	-11.1	-2.8
1932	D	446.5	448.1	1.6	0.4
1933	C	396.8	394.7	-2.1	-0.5
1934	C	418.2	417.1	-1.2	-0.3
1935	BN	448.8	448.8	0.0	0.0
1936	BN	448.8	448.8	0.0	0.0
1937	BN	448.8	448.8	0.0	0.0
1938	W	448.8	448.8	0.0	0.0
1939	D	433.4	434.6	1.2	0.3
1940	AN	448.8	448.8	0.0	0.0
1941	W	448.8	448.8	0.0	0.0
1942	W	448.8	448.8	0.0	0.0
1943	W	448.8	448.8	0.0	0.0
1944	D	439.8	435.3	-4.5	-1.0
1945	BN	448.8	448.8	0.0	0.0
1946	BN	448.8	448.8	0.0	0.0
1947	D	437.1	430.1	-7.0	-1.6
1948	BN	448.8	442.5	-6.3	-1.4
1949	D	448.8	448.8	0.0	0.0
1950	BN	448.8	448.8	0.0	0.0
1951	AN	448.8	448.8	0.0	0.0
1952	W	448.8	448.8	0.0	0.0
1953	W	448.8	448.8	0.0	0.0
1954	AN	448.8	448.8	0.0	0.0
1955	D	431.9	423.4	-8.4	-1.9
1956	W	446.9	448.8	1.9	0.4
1957	AN	441.3	441.1	-0.2	0.0
1958	W	448.8	448.8	0.0	0.0
1959	BN	438.3	439.6	1.3	0.3
1960	D	438.1	436.9	-1.1	-0.3
1961	D	412.0	401.9	-10.1	-2.5
1962	BN	448.8	448.8	0.0	0.0
1963	W	448.8	448.8	0.0	0.0
1964	D	431.0	429.1	-1.9	-0.4
1965	W	448.8	448.8	0.0	0.0
1966	BN	446.2	448.8	2.6	0.6
1967	W	448.8	448.8	0.0	0.0
1968	BN	441.7	440.4	-1.3	-0.3
1969	W	448.8	448.8	0.0	0.0
1970	W	437.6	436.2	-1.4	-0.3
1971	W	447.0	445.6	-1.4	-0.3
1972	BN	447.1	444.4	-2.7	-0.6
1973	AN	448.8	448.8	0.0	0.0
1974	W	448.8	448.8	0.0	0.0
1975	W	446.1	448.8	2.8	0.6
1976	C	423.4	416.4	-7.1	-1.7
1977	C	371.7	380.8	9.0	2.4
1978	AN	448.8	448.8	0.0	0.0
1979	BN	448.8	448.8	0.0	0.0
1980	AN	448.8	448.8	0.0	0.0
1981	D	441.2	445.7	4.4	1.0
1982	W	448.8	448.8	0.0	0.0
1983	W	448.8	448.8	0.0	0.0
1984	W	443.9	444.5	0.6	0.1
1985	D	441.7	448.8	7.1	1.6
1986	W	448.8	448.8	0.0	0.0
1987	D	434.6	431.6	-3.1	-0.7
1988	C	416.1	413.5	-2.5	-0.6
1989	D	448.8	448.8	0.0	0.0
1990	C	419.4	413.0	-6.5	-1.5
1991	C	429.7	406.5	-23.3	-5.4
1992	C	418.9	422.6	3.7	0.9
1993	AN	448.8	448.8	0.0	0.0
	Mean:	440.3	438.9	-1.4	-0.3
	Median:	448.8	448.8	0.0	0.0
	Min:	371.7	380.8	-26.9	-6.3
	Max:	448.8	448.8	9.0	2.4

Folsom Reservoir Water Surface Elevation

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	465.8	465.8	0.0	0.0
1923	BN	465.8	465.8	0.0	0.0
1924	C	404.3	401.4	-2.8	-0.7
1925	D	465.8	465.8	0.0	0.0
1926	D	445.4	445.2	-0.2	0.0
1927	W	465.8	465.8	0.0	0.0
1928	AN	457.8	457.7	-0.1	0.0
1929	C	431.0	403.8	-27.2	-6.3
1930	D	453.6	447.8	-5.7	-1.3
1931	C	406.4	393.0	-13.4	-3.3
1932	D	465.8	465.8	0.0	0.0
1933	C	417.2	407.7	-9.5	-2.3
1934	C	416.6	415.5	-1.1	-0.3
1935	BN	462.8	462.3	-0.5	-0.1
1936	BN	465.8	465.8	0.0	0.0
1937	BN	465.8	465.8	0.0	0.0
1938	W	465.8	465.8	0.0	0.0
1939	D	432.4	437.0	4.6	1.1
1940	AN	465.8	465.8	0.0	0.0
1941	W	465.8	465.8	0.0	0.0
1942	W	465.8	465.8	0.0	0.0
1943	W	464.9	465.8	0.9	0.2
1944	D	444.2	443.7	-0.5	-0.1
1945	BN	465.8	465.8	0.0	0.0
1946	BN	465.8	465.8	0.0	0.0
1947	D	435.2	431.3	-3.9	-0.9
1948	BN	465.8	465.8	0.0	0.0
1949	D	461.8	465.8	4.0	0.9
1950	BN	465.8	465.8	0.0	0.0
1951	AN	465.8	465.8	0.0	0.0
1952	W	465.8	465.8	0.0	0.0
1953	W	465.8	465.8	0.0	0.0
1954	AN	452.9	454.7	1.8	0.4
1955	D	440.6	437.2	-3.3	-0.7
1956	W	465.8	465.8	0.0	0.0
1957	AN	465.8	465.8	0.0	0.0
1958	W	465.8	465.8	0.0	0.0
1959	BN	436.3	441.3	5.0	1.1
1960	D	440.0	440.2	0.2	0.0
1961	D	416.4	410.0	-6.4	-1.5
1962	BN	455.1	461.4	6.3	1.4
1963	W	465.8	465.8	0.0	0.0
1964	D	441.7	439.0	-2.7	-0.6
1965	W	464.5	464.1	-0.4	-0.1
1966	BN	443.8	452.4	8.5	1.9
1967	W	465.8	465.8	0.0	0.0
1968	BN	443.5	441.4	-2.1	-0.5
1969	W	465.8	465.8	0.0	0.0
1970	W	443.9	447.5	3.6	0.8
1971	W	465.8	465.8	0.0	0.0
1972	BN	457.2	454.9	-2.3	-0.5
1973	AN	465.8	465.8	0.0	0.0
1974	W	465.8	465.8	0.0	0.0
1975	W	465.8	465.8	0.0	0.0
1976	C	427.3	419.9	-7.4	-1.7
1977	C	371.5	382.5	11.0	3.0
1978	AN	465.8	465.8	0.0	0.0
1979	BN	465.8	465.8	0.0	0.0
1980	AN	465.8	465.8	0.0	0.0
1981	D	438.8	448.4	9.6	2.2
1982	W	465.8	465.8	0.0	0.0
1983	W	465.8	465.8	0.0	0.0
1984	W	465.8	465.8	0.0	0.0
1985	D	440.9	451.2	10.3	2.3
1986	W	465.8	465.8	0.0	0.0
1987	D	432.6	433.3	0.8	0.2
1988	C	410.6	414.3	3.7	0.9
1989	D	451.8	454.2	2.3	0.5
1990	C	423.3	414.4	-9.0	-2.1
1991	C	440.6	422.7	-18.0	-4.1
1992	C	411.7	421.8	10.1	2.5
1993	AN	465.8	465.8	0.0	0.0
	Mean:	451.2	450.7	-0.5	-0.1
	Median:	465.4	465.8	0.0	0.0
	Min:	371.5	382.5	-27.2	-6.3
	Max:	465.8	465.8	11.0	3.0

Folsom Reservoir Water Surface Elevation

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	465.8	465.8	0.0	0.0
1923	BN	465.8	465.8	0.0	0.0
1924	C	396.0	394.4	-1.6	-0.4
1925	D	453.9	450.9	-3.0	-0.7
1926	D	418.7	423.5	4.7	1.1
1927	W	465.8	465.8	0.0	0.0
1928	AN	447.1	447.4	0.3	0.1
1929	C	422.3	405.8	-16.5	-3.9
1930	D	449.6	436.7	-12.9	-2.9
1931	C	396.2	394.6	-1.5	-0.4
1932	D	462.9	462.2	-0.7	-0.2
1933	C	415.2	407.8	-7.4	-1.8
1934	C	403.4	402.4	-1.0	-0.2
1935	BN	465.8	465.8	0.0	0.0
1936	BN	465.8	465.8	0.0	0.0
1937	BN	457.5	455.4	-2.1	-0.5
1938	W	465.8	465.8	0.0	0.0
1939	D	418.9	422.7	3.7	0.9
1940	AN	464.3	463.5	-0.7	-0.2
1941	W	465.8	464.8	-1.0	-0.2
1942	W	465.8	465.8	0.0	0.0
1943	W	465.8	465.8	0.0	0.0
1944	D	437.8	437.6	-0.2	0.0
1945	BN	460.7	460.2	-0.5	-0.1
1946	BN	458.6	456.5	-2.1	-0.5
1947	D	425.2	423.3	-1.9	-0.4
1948	BN	465.8	465.8	0.0	0.0
1949	D	448.8	450.3	1.5	0.3
1950	BN	465.8	465.8	0.0	0.0
1951	AN	463.1	463.8	0.7	0.2
1952	W	465.8	465.8	0.0	0.0
1953	W	465.8	465.8	0.0	0.0
1954	AN	446.3	447.6	1.4	0.3
1955	D	427.4	427.4	0.0	0.0
1956	W	465.8	465.8	0.0	0.0
1957	AN	461.7	459.9	-1.8	-0.4
1958	W	465.8	465.8	0.0	0.0
1959	BN	427.4	427.4	0.0	0.0
1960	D	427.4	427.4	0.0	0.0
1961	D	412.8	409.6	-3.2	-0.8
1962	BN	458.9	461.9	3.0	0.7
1963	W	465.8	464.9	-0.9	-0.2
1964	D	437.9	438.0	0.1	0.0
1965	W	465.8	465.8	0.0	0.0
1966	BN	427.4	435.6	8.2	1.9
1967	W	465.8	465.8	0.0	0.0
1968	BN	435.0	427.8	-7.2	-1.7
1969	W	465.8	465.8	0.0	0.0
1970	W	445.9	446.7	0.7	0.2
1971	W	465.8	465.8	0.0	0.0
1972	BN	437.9	430.7	-7.2	-1.6
1973	AN	455.4	452.5	-2.9	-0.6
1974	W	465.8	465.8	0.0	0.0
1975	W	465.8	465.8	0.0	0.0
1976	C	426.8	417.8	-8.9	-2.1
1977	C	366.1	378.0	11.9	3.3
1978	AN	465.8	465.8	0.0	0.0
1979	BN	448.8	444.0	-4.8	-1.1
1980	AN	465.8	465.8	0.0	0.0
1981	D	427.4	427.4	0.0	0.0
1982	W	465.8	465.8	0.0	0.0
1983	W	465.8	465.8	0.0	0.0
1984	W	461.8	461.9	0.1	0.0
1985	D	425.2	435.3	10.1	2.4
1986	W	465.8	465.8	0.0	0.0
1987	D	418.5	421.1	2.6	0.6
1988	C	401.9	411.0	9.1	2.3
1989	D	442.7	438.2	-4.6	-1.0
1990	C	415.5	413.2	-2.3	-0.6
1991	C	441.3	424.6	-16.7	-3.8
1992	C	402.5	410.1	7.7	1.9
1993	AN	465.8	465.8	0.0	0.0
	Mean:	446.2	445.5	-0.7	-0.1
	Median:	458.1	455.9	0.0	0.0
	Min:	366.1	378.0	-16.7	-3.9
	Max:	465.8	465.8	11.9	3.3

Folsom Reservoir Water Surface Elevation

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	456.0	454.9	-1.0	-0.2
1923	BN	449.8	447.7	-2.0	-0.4
1924	C	389.4	388.2	-1.2	-0.3
1925	D	434.7	427.0	-7.7	-1.8
1926	D	403.9	403.6	-0.3	-0.1
1927	W	448.2	446.1	-2.1	-0.5
1928	AN	424.0	422.4	-1.5	-0.4
1929	C	410.2	400.7	-9.5	-2.3
1930	D	421.8	416.7	-5.1	-1.2
1931	C	389.8	390.8	1.0	0.3
1932	D	447.2	443.7	-3.6	-0.8
1933	C	398.7	396.1	-2.6	-0.7
1934	C	392.7	390.1	-2.6	-0.7
1935	BN	448.1	445.2	-2.9	-0.6
1936	BN	449.8	447.8	-2.0	-0.4
1937	BN	438.6	433.7	-4.9	-1.1
1938	W	465.6	463.4	-2.2	-0.5
1939	D	404.5	405.7	1.2	0.3
1940	AN	444.0	441.2	-2.8	-0.6
1941	W	462.2	458.5	-3.6	-0.8
1942	W	453.7	456.2	2.5	0.6
1943	W	449.1	447.0	-2.1	-0.5
1944	D	424.9	425.6	0.7	0.2
1945	BN	442.6	440.0	-2.6	-0.6
1946	BN	438.7	433.9	-4.8	-1.1
1947	D	408.9	409.9	0.9	0.2
1948	BN	451.9	451.0	-0.9	-0.2
1949	D	427.4	427.4	0.0	0.0
1950	BN	448.9	446.8	-2.1	-0.5
1951	AN	440.2	438.9	-1.3	-0.3
1952	W	463.3	463.4	0.1	0.0
1953	W	455.1	453.1	-2.0	-0.4
1954	AN	427.4	427.4	0.0	0.0
1955	D	414.8	412.9	-1.8	-0.4
1956	W	462.4	463.4	1.0	0.2
1957	AN	442.0	438.1	-3.9	-0.9
1958	W	465.8	463.4	-2.4	-0.5
1959	BN	390.2	389.3	-0.9	-0.2
1960	D	409.9	412.2	2.3	0.6
1961	D	372.3	370.2	-2.0	-0.5
1962	BN	437.2	437.8	0.6	0.1
1963	W	446.9	443.8	-3.1	-0.7
1964	D	418.4	419.1	0.6	0.1
1965	W	450.5	448.4	-2.1	-0.5
1966	BN	408.6	420.0	11.4	2.8
1967	W	465.8	463.4	-2.4	-0.5
1968	BN	406.9	395.8	-11.1	-2.7
1969	W	453.0	455.8	2.8	0.6
1970	W	422.4	420.7	-1.7	-0.4
1971	W	451.0	449.0	-2.0	-0.4
1972	BN	408.2	397.8	-10.4	-2.5
1973	AN	433.3	427.4	-5.9	-1.4
1974	W	464.2	463.4	-0.8	-0.2
1975	W	460.8	454.8	-6.0	-1.3
1976	C	414.0	411.5	-2.5	-0.6
1977	C	352.9	355.7	2.8	0.8
1978	AN	449.5	446.5	-3.0	-0.7
1979	BN	427.4	427.2	-0.2	0.0
1980	AN	462.6	460.0	-2.6	-0.6
1981	D	405.4	408.4	3.0	0.7
1982	W	465.8	463.2	-2.6	-0.6
1983	W	465.8	463.4	-2.4	-0.5
1984	W	442.5	441.3	-1.2	-0.3
1985	D	409.0	413.1	4.1	1.0
1986	W	446.9	444.9	-2.0	-0.4
1987	D	403.8	408.9	5.1	1.3
1988	C	390.0	404.0	14.0	3.6
1989	D	415.4	415.9	0.4	0.1
1990	C	402.3	404.5	2.2	0.5
1991	C	427.6	411.6	-16.0	-3.7
1992	C	393.2	399.7	6.6	1.7
1993	AN	454.8	452.7	-2.1	-0.5
	Mean:	430.9	429.5	-1.4	-0.3
	Median:	437.9	433.8	-2.0	-0.4
	Min:	352.9	355.7	-16.0	-3.7
	Max:	465.8	463.4	14.0	3.6

Folsom Reservoir Water Surface Elevation

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	435.5	448.8	13.4	3.1
1923	BN	442.8	444.8	2.0	0.5
1924	C	390.3	383.8	-6.5	-1.7
1925	D	421.1	421.7	0.6	0.1
1926	D	395.8	390.8	-4.9	-1.2
1927	W	447.5	443.6	-3.9	-0.9
1928	AN	417.5	413.3	-4.2	-1.0
1929	C	404.0	392.9	-11.1	-2.7
1930	D	419.0	412.9	-6.0	-1.4
1931	C	387.8	387.6	-0.2	-0.1
1932	D	433.9	430.2	-3.7	-0.9
1933	C	394.5	389.7	-4.8	-1.2
1934	C	387.1	370.3	-16.7	-4.3
1935	BN	439.5	435.9	-3.6	-0.8
1936	BN	443.5	436.1	-7.4	-1.7
1937	BN	423.9	420.0	-3.8	-0.9
1938	W	448.7	442.8	-5.9	-1.3
1939	D	402.8	394.0	-8.8	-2.2
1940	AN	441.5	435.3	-6.1	-1.4
1941	W	443.3	438.7	-4.7	-1.1
1942	W	450.3	448.8	-1.4	-0.3
1943	W	448.4	445.1	-3.4	-0.8
1944	D	419.0	422.3	3.3	0.8
1945	BN	441.4	433.9	-7.5	-1.7
1946	BN	438.3	430.4	-7.9	-1.8
1947	D	409.1	402.5	-6.6	-1.6
1948	BN	446.7	447.7	1.0	0.2
1949	D	427.4	422.7	-4.7	-1.1
1950	BN	446.6	440.2	-6.4	-1.4
1951	AN	434.8	436.6	1.7	0.4
1952	W	455.8	448.8	-7.0	-1.5
1953	W	448.9	448.8	-0.1	0.0
1954	AN	420.5	423.8	3.3	0.8
1955	D	410.6	409.6	-1.0	-0.2
1956	W	460.3	448.8	-11.5	-2.5
1957	AN	431.0	431.1	0.1	0.0
1958	W	461.0	448.8	-12.2	-2.6
1959	BN	391.4	378.8	-12.6	-3.2
1960	D	405.6	406.5	0.9	0.2
1961	D	371.8	351.1	-20.7	-5.6
1962	BN	433.9	432.7	-1.2	-0.3
1963	W	438.0	440.9	2.9	0.7
1964	D	416.3	407.7	-8.5	-2.0
1965	W	450.6	447.8	-2.8	-0.6
1966	BN	409.7	414.9	5.2	1.3
1967	W	457.9	448.8	-9.1	-2.0
1968	BN	405.6	392.1	-13.6	-3.4
1969	W	434.4	436.4	2.1	0.5
1970	W	418.8	416.0	-2.8	-0.7
1971	W	447.6	446.8	-0.8	-0.2
1972	BN	409.9	391.8	-18.1	-4.4
1973	AN	432.7	423.5	-9.2	-2.1
1974	W	457.4	448.8	-8.6	-1.9
1975	W	457.3	448.8	-8.4	-1.8
1976	C	415.0	407.9	-7.1	-1.7
1977	C	347.3	330.0	-17.3	-5.0
1978	AN	427.4	427.4	0.0	0.0
1979	BN	427.4	421.6	-5.8	-1.4
1980	AN	459.7	447.6	-12.1	-2.6
1981	D	402.8	403.1	0.3	0.1
1982	W	451.0	442.6	-8.4	-1.9
1983	W	465.8	448.8	-17.0	-3.6
1984	W	441.9	427.2	-14.6	-3.3
1985	D	403.1	406.6	3.5	0.9
1986	W	444.0	427.4	-16.6	-3.7
1987	D	402.9	400.3	-2.6	-0.6
1988	C	381.8	394.1	12.3	3.2
1989	D	413.5	411.2	-2.4	-0.6
1990	C	404.0	400.0	-4.1	-1.0
1991	C	412.2	402.3	-9.8	-2.4
1992	C	387.6	389.5	1.8	0.5
1993	AN	444.7	446.9	2.2	0.5
	Mean:	425.6	420.7	-4.9	-1.1
	Median:	429.2	425.5	-4.7	-1.1
	Min:	347.3	330.0	-20.7	-5.6
	Max:	465.8	448.8	13.4	3.2

Folsom Reservoir Water Surface Elevation

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	433.6	433.6	-0.1	0.0
1923	BN	442.3	433.6	-8.7	-2.0
1924	C	382.7	370.2	-12.4	-3.2
1925	D	428.6	418.6	-10.1	-2.4
1926	D	394.7	389.0	-5.7	-1.4
1927	W	449.6	433.6	-16.0	-3.6
1928	AN	422.7	409.2	-13.5	-3.2
1929	C	403.5	388.7	-14.8	-3.7
1930	D	424.4	411.3	-13.1	-3.1
1931	C	384.5	384.8	0.3	0.1
1932	D	432.3	427.5	-4.8	-1.1
1933	C	394.0	381.6	-12.4	-3.1
1934	C	385.6	365.8	-19.8	-5.1
1935	BN	438.1	433.6	-4.6	-1.0
1936	BN	439.6	427.8	-11.8	-2.7
1937	BN	422.0	415.5	-6.5	-1.5
1938	W	447.6	433.6	-14.1	-3.1
1939	D	403.6	393.1	-10.5	-2.6
1940	AN	439.9	433.3	-6.6	-1.5
1941	W	438.1	433.6	-4.5	-1.0
1942	W	450.2	433.6	-16.6	-3.7
1943	W	445.9	433.6	-12.3	-2.8
1944	D	423.0	417.0	-6.1	-1.4
1945	BN	438.3	430.4	-7.9	-1.8
1946	BN	442.6	428.5	-14.2	-3.2
1947	D	405.3	397.7	-7.7	-1.9
1948	BN	445.5	433.6	-11.9	-2.7
1949	D	424.2	419.4	-4.8	-1.1
1950	BN	445.9	433.6	-12.3	-2.8
1951	AN	433.0	433.6	0.5	0.1
1952	W	452.7	433.6	-19.2	-4.2
1953	W	444.0	433.6	-10.4	-2.3
1954	AN	416.8	421.0	4.2	1.0
1955	D	416.0	405.7	-10.2	-2.5
1956	W	459.9	433.6	-26.3	-5.7
1957	AN	422.7	428.6	5.9	1.4
1958	W	458.2	433.6	-24.7	-5.4
1959	BN	398.0	378.4	-19.6	-4.9
1960	D	403.3	402.4	-0.9	-0.2
1961	D	377.9	343.6	-34.4	-9.1
1962	BN	430.8	429.9	-1.0	-0.2
1963	W	431.8	433.6	1.8	0.4
1964	D	409.9	400.9	-9.0	-2.2
1965	W	452.9	433.6	-19.4	-4.3
1966	BN	406.3	411.6	5.3	1.3
1967	W	457.8	433.6	-24.3	-5.3
1968	BN	409.6	387.8	-21.8	-5.3
1969	W	434.2	433.6	-0.6	-0.1
1970	W	416.1	407.6	-8.4	-2.0
1971	W	448.5	433.6	-15.0	-3.3
1972	BN	414.9	389.3	-25.6	-6.2
1973	AN	431.7	423.1	-8.5	-2.0
1974	W	453.6	433.6	-20.0	-4.4
1975	W	452.9	433.6	-19.3	-4.3
1976	C	415.0	404.2	-10.8	-2.6
1977	C	346.3	330.0	-16.2	-4.7
1978	AN	421.6	425.0	3.4	0.8
1979	BN	429.1	416.3	-12.8	-3.0
1980	AN	458.6	433.6	-25.1	-5.5
1981	D	406.4	401.8	-4.6	-1.1
1982	W	452.6	433.6	-19.1	-4.2
1983	W	465.8	433.6	-32.2	-6.9
1984	W	440.6	426.1	-14.4	-3.3
1985	D	400.9	398.9	-1.9	-0.5
1986	W	443.7	427.8	-15.9	-3.6
1987	D	405.7	400.6	-5.1	-1.3
1988	C	384.3	389.6	5.3	1.4
1989	D	419.3	411.1	-8.2	-2.0
1990	C	402.2	395.5	-6.6	-1.6
1991	C	407.3	390.7	-16.7	-4.1
1992	C	385.2	383.4	-1.7	-0.4
1993	AN	438.3	433.6	-4.8	-1.1
	Mean:	424.8	414.1	-10.7	-2.5
	Median:	428.9	424.1	-10.5	-2.6
	Min:	346.3	330.0	-34.4	-9.1
	Max:	465.8	433.6	5.9	1.4

Folsom Reservoir Water Surface Area

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7653.9	7631.4	-22.5	-0.3
1923	BN	8960.9	8809.9	-151.0	-1.7
1924	C	8943.5	8680.3	-263.3	-2.9
1925	D	5048.4	4375.5	-672.8	-13.3
1926	D	8447.1	7599.8	-847.3	-10.0
1927	W	5691.6	5670.6	-21.0	-0.4
1928	AN	9296.0	8804.0	-492.1	-5.3
1929	C	7910.4	6846.2	-1064.2	-13.5
1930	D	6442.6	5526.5	-916.2	-14.2
1931	C	7690.7	6530.7	-1160.0	-15.1
1932	D	5017.8	4135.7	-882.1	-17.6
1933	C	8190.3	7861.4	-329.0	-4.0
1934	C	5804.7	5371.3	-433.4	-7.5
1935	BN	4694.4	2092.3	-2602.1	-55.4
1936	BN	8890.6	8646.6	-243.9	-2.7
1937	BN	9006.0	8290.2	-715.7	-7.9
1938	W	8044.4	7597.5	-446.9	-5.6
1939	D	9685.7	9007.6	-678.1	-7.0
1940	AN	6570.2	6009.3	-560.8	-8.5
1941	W	9002.6	8578.2	-424.4	-4.7
1942	W	9245.9	8975.8	-270.2	-2.9
1943	W	9761.7	8910.7	-851.0	-8.7
1944	D	9129.4	8605.1	-524.3	-5.7
1945	BN	7487.6	7453.1	-34.6	-0.5
1946	BN	8978.1	8628.7	-349.4	-3.9
1947	D	8728.0	8116.6	-611.4	-7.0
1948	BN	6897.0	6519.0	-377.9	-5.5
1949	D	9525.8	8891.7	-634.1	-6.7
1950	BN	8057.0	7639.7	-417.4	-5.2
1951	AN	8967.1	8675.0	-292.0	-3.3
1952	W	8689.5	8966.0	276.5	3.2
1953	W	9849.5	9079.4	-770.1	-7.8
1954	AN	9511.1	8923.8	-587.3	-6.2
1955	D	7482.5	7752.4	269.9	3.6
1956	W	7383.3	6478.6	-904.7	-12.3
1957	AN	9849.5	9137.5	-712.0	-7.2
1958	W	8146.9	8625.3	478.4	5.9
1959	BN	9849.5	8877.2	-972.4	-9.9
1960	D	5970.7	4982.3	-988.4	-16.6
1961	D	6474.7	6280.6	-194.1	-3.0
1962	BN	5209.3	2558.3	-2651.0	-50.9
1963	W	10093.8	9794.4	-299.4	-3.0
1964	D	8911.3	9064.7	153.4	1.7
1965	W	6251.1	5805.0	-446.1	-7.1
1966	BN	9275.8	8700.5	-575.2	-6.2
1967	W	6662.0	7044.4	382.4	5.7
1968	BN	9849.5	9046.7	-802.9	-8.2
1969	W	6725.7	5593.8	-1131.9	-16.8
1970	W	9160.6	9099.7	-61.0	-0.7
1971	W	7376.9	6846.2	-530.7	-7.2
1972	BN	9685.5	8928.5	-756.9	-7.8
1973	AN	7465.3	5769.0	-1696.3	-22.7
1974	W	8870.0	8291.3	-578.7	-6.5
1975	W	9849.5	8969.4	-880.2	-8.9
1976	C	9849.5	9421.9	-427.7	-4.3
1977	C	7111.3	6783.9	-327.4	-4.6
1978	AN	2088.6	2090.9	2.3	0.1
1979	BN	7925.2	8097.7	172.5	2.2
1980	AN	8614.7	7770.4	-844.3	-9.8
1981	D	9849.5	8593.4	-1256.2	-12.8
1982	W	6892.9	6562.1	-330.8	-4.8
1983	W	9805.7	9778.0	-27.7	-0.3
1984	W	9701.7	9744.3	42.6	0.4
1985	D	9463.4	8609.5	-853.9	-9.0
1986	W	5802.0	6077.2	275.2	4.7
1987	D	9233.6	8591.4	-642.1	-7.0
1988	C	6503.9	6231.6	-272.3	-4.2
1989	D	5565.9	5734.7	168.8	3.0
1990	C	7635.7	7437.1	-198.6	-2.6
1991	C	6177.3	5666.6	-510.7	-8.3
1992	C	6596.9	5973.0	-623.9	-9.5
1993	AN	5348.6	4988.5	-360.1	-6.7
	Mean:	7924.0	7406.2	-517.8	-7.1
	Median:	8168.6	7815.9	-469.5	-6.2
	Min:	2088.6	2090.9	-2651.0	-55.4
	Max:	10093.8	9794.4	478.4	5.9

Folsom Reservoir Water Surface Area

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7336.0	7214.4	-121.7	-1.7
1923	BN	8052.7	8458.5	405.7	5.0
1924	C	7706.3	8040.9	334.6	4.3
1925	D	5723.3	4956.1	-767.2	-13.4
1926	D	8000.4	7326.9	-673.5	-8.4
1927	W	7959.8	7634.6	-325.2	-4.1
1928	AN	8145.9	8458.5	312.5	3.8
1929	C	7460.4	6470.4	-990.0	-13.3
1930	D	5707.1	5204.1	-503.0	-8.8
1931	C	7200.5	6061.7	-1138.8	-15.8
1932	D	5333.4	3921.3	-1412.2	-26.5
1933	C	6788.8	7169.2	380.4	5.6
1934	C	5519.0	5265.6	-253.4	-4.6
1935	BN	5879.1	3123.9	-2755.2	-46.9
1936	BN	8076.5	8320.0	243.6	3.0
1937	BN	8057.9	7762.3	-295.6	-3.7
1938	W	7942.5	7433.8	-508.7	-6.4
1939	D	8532.7	8458.5	-74.2	-0.9
1940	AN	5827.2	5784.8	-42.4	-0.7
1941	W	8113.1	8135.6	22.5	0.3
1942	W	8192.6	8458.5	265.9	3.2
1943	W	8533.8	8458.5	-75.3	-0.9
1944	D	7997.8	8099.3	101.5	1.3
1945	BN	7776.3	7895.5	119.2	1.5
1946	BN	8197.9	8458.5	260.6	3.2
1947	D	8099.3	7389.9	-709.4	-8.8
1948	BN	6673.9	6442.4	-231.4	-3.5
1949	D	8494.2	8458.5	-35.7	-0.4
1950	BN	7627.0	7136.5	-490.5	-6.4
1951	AN	7099.5	6680.3	-419.2	-5.9
1952	W	8196.6	8458.5	261.8	3.2
1953	W	8534.5	8458.5	-76.0	-0.9
1954	AN	8475.6	8458.5	-17.1	-0.2
1955	D	7116.6	7297.0	180.3	2.5
1956	W	7030.0	6003.5	-1026.5	-14.6
1957	AN	8537.0	8448.2	-88.8	-1.0
1958	W	7810.3	8222.4	412.0	5.3
1959	BN	8536.3	8435.4	-101.0	-1.2
1960	D	5462.3	4891.3	-571.0	-10.5
1961	D	6136.6	6021.1	-115.6	-1.9
1962	BN	5503.6	2617.0	-2886.6	-52.4
1963	W	8527.7	8795.0	267.3	3.1
1964	D	8063.3	8458.5	395.2	4.9
1965	W	6252.6	5893.0	-359.5	-5.7
1966	BN	8120.0	8458.5	338.5	4.2
1967	W	6765.1	7217.2	452.1	6.7
1968	BN	8533.4	8458.5	-74.9	-0.9
1969	W	6901.4	6342.6	-558.8	-8.1
1970	W	8084.4	8458.5	374.1	4.6
1971	W	8155.4	7912.0	-243.5	-3.0
1972	BN	8559.9	8458.5	-101.5	-1.2
1973	AN	7651.6	6580.9	-1070.8	-14.0
1974	W	8165.0	8458.5	293.5	3.6
1975	W	8528.3	8458.5	-69.8	-0.8
1976	C	8538.3	8635.3	97.0	1.1
1977	C	6402.9	6539.0	136.1	2.1
1978	AN	2279.9	2172.7	-107.2	-4.7
1979	BN	7610.9	7893.5	282.6	3.7
1980	AN	8181.8	7667.8	-514.0	-6.3
1981	D	8537.4	8241.6	-295.8	-3.5
1982	W	8408.7	8611.6	202.8	2.4
1983	W	8527.7	8783.1	255.5	3.0
1984	W	7761.9	7618.7	-143.2	-1.8
1985	D	8390.5	8458.5	68.0	0.8
1986	W	6646.6	6344.2	-302.4	-4.5
1987	D	8129.6	8032.1	-97.5	-1.2
1988	C	5981.9	5789.6	-192.3	-3.2
1989	D	6718.8	6648.4	-70.4	-1.0
1990	C	7217.1	7065.3	-151.8	-2.1
1991	C	5405.3	5097.8	-307.5	-5.7
1992	C	5983.0	5919.4	-63.6	-1.1
1993	AN	5283.2	4541.9	-741.3	-14.0
	Mean:	7384.8	7166.7	-218.2	-3.7
	Median:	7876.4	7651.2	-93.2	-1.2
	Min:	2279.9	2172.7	-2886.6	-52.4
	Max:	8559.9	8795.0	452.1	6.7

Folsom Reservoir Water Surface Area

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7988.5	7697.8	-290.7	-3.6
1923	BN	8241.9	8458.5	216.6	2.6
1924	C	6641.2	7378.6	737.4	11.1
1925	D	6501.1	5807.0	-694.0	-10.7
1926	D	7722.1	7011.8	-710.2	-9.2
1927	W	8458.5	8371.2	-87.2	-1.0
1928	AN	8189.0	8458.5	269.4	3.3
1929	C	7194.7	5996.8	-1197.9	-16.6
1930	D	6978.0	7073.6	95.5	1.4
1931	C	6740.1	5431.1	-1309.0	-19.4
1932	D	7402.4	6286.5	-1115.9	-15.1
1933	C	6397.2	6674.2	277.0	4.3
1934	C	6961.9	6657.8	-304.1	-4.4
1935	BN	6316.9	3958.8	-2358.1	-37.3
1936	BN	7520.0	7870.0	350.0	4.7
1937	BN	7443.5	7225.8	-217.7	-2.9
1938	W	8322.4	8458.5	136.1	1.6
1939	D	7732.6	8045.7	313.1	4.0
1940	AN	6215.0	5725.6	-489.4	-7.9
1941	W	8294.4	8458.5	164.1	2.0
1942	W	8279.1	8458.5	179.4	2.2
1943	W	8212.8	8458.5	245.7	3.0
1944	D	7585.5	7608.1	22.6	0.3
1945	BN	8139.2	8191.2	52.0	0.6
1946	BN	8298.1	8458.5	160.4	1.9
1947	D	8103.1	7368.9	-734.2	-9.1
1948	BN	6393.1	6126.6	-266.4	-4.2
1949	D	7999.0	8214.1	215.1	2.7
1950	BN	7251.6	6626.2	-625.4	-8.6
1951	AN	6404.3	5833.2	-571.0	-8.9
1952	W	8347.0	8458.5	111.4	1.3
1953	W	8253.6	8458.5	204.8	2.5
1954	AN	8051.2	8282.3	231.1	2.9
1955	D	7622.8	7606.3	-16.5	-0.2
1956	W	8321.2	8445.7	124.5	1.5
1957	AN	7809.9	8084.6	274.7	3.5
1958	W	8097.2	8389.0	291.9	3.6
1959	BN	7570.2	7852.3	282.2	3.7
1960	D	5746.0	4980.5	-765.6	-13.3
1961	D	6036.0	5864.4	-171.6	-2.8
1962	BN	6218.8	3377.4	-2841.4	-45.7
1963	W	8192.0	8458.5	266.5	3.3
1964	D	8124.1	8421.3	297.2	3.7
1965	W	8375.4	6454.7	-1920.7	-22.9
1966	BN	8084.9	8367.7	282.9	3.5
1967	W	8531.7	8458.5	-73.2	-0.9
1968	BN	7983.3	8378.2	394.9	4.9
1969	W	7539.2	7563.4	24.2	0.3
1970	W	8251.2	8458.5	207.3	2.5
1971	W	8274.0	8458.5	184.5	2.2
1972	BN	8269.4	8458.5	189.0	2.3
1973	AN	8327.5	8339.5	12.0	0.1
1974	W	8137.1	8458.5	321.4	3.9
1975	W	7936.3	8281.9	345.6	4.4
1976	C	7802.4	8136.8	334.3	4.3
1977	C	5247.3	5980.4	733.1	14.0
1978	AN	5160.3	4597.4	-563.0	-10.9
1979	BN	7253.2	7492.6	239.4	3.3
1980	AN	8322.9	7783.9	-539.0	-6.5
1981	D	7760.6	7833.1	72.5	0.9
1982	W	6752.8	6569.8	-183.0	-2.7
1983	W	8097.9	8440.0	342.1	4.2
1984	W	6560.6	6071.0	-489.5	-7.5
1985	D	8237.6	8458.5	220.9	2.7
1986	W	7467.9	7327.9	-140.0	-1.9
1987	D	7632.9	7453.1	-179.8	-2.4
1988	C	6354.9	6283.6	-71.3	-1.1
1989	D	6626.1	7243.5	617.4	9.3
1990	C	6646.0	6635.6	-10.4	-0.2
1991	C	5374.1	4327.1	-1047.0	-19.5
1992	C	5493.3	5968.3	475.0	8.6
1993	AN	6340.6	5716.3	-624.3	-9.8
	Mean:	7432.8	7292.6	-140.2	-2.3
	Median:	7727.3	7653.0	84.0	1.1
	Min:	5160.3	3377.4	-2841.4	-45.7
	Max:	8531.7	8458.5	737.4	14.0

Folsom Reservoir Water Surface Area

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8441.9	7822.7	-619.2	-7.3
1923	BN	8327.3	8458.5	131.2	1.6
1924	C	6050.5	6837.1	786.6	13.0
1925	D	6197.5	5866.5	-331.1	-5.3
1926	D	7287.9	6631.4	-656.5	-9.0
1927	W	8458.5	8458.5	0.0	0.0
1928	AN	8186.2	8458.5	272.3	3.3
1929	C	6986.8	5269.3	-1717.5	-24.6
1930	D	7656.3	7588.1	-68.2	-0.9
1931	C	6660.9	5007.7	-1653.2	-24.8
1932	D	7647.4	7264.7	-382.7	-5.0
1933	C	6189.4	6232.0	42.6	0.7
1934	C	8112.1	7762.0	-350.0	-4.3
1935	BN	7271.1	6060.3	-1210.8	-16.7
1936	BN	8415.8	8458.5	42.7	0.5
1937	BN	7154.3	6891.9	-262.3	-3.7
1938	W	8243.5	8458.5	215.0	2.6
1939	D	7588.9	7732.6	143.7	1.9
1940	AN	8970.3	8938.9	-31.4	-0.4
1941	W	8419.0	8458.5	39.5	0.5
1942	W	8315.7	8430.8	115.2	1.4
1943	W	8252.7	8366.3	113.7	1.4
1944	D	7546.3	7401.0	-145.3	-1.9
1945	BN	8356.1	8159.4	-196.7	-2.4
1946	BN	8326.6	8421.6	95.0	1.1
1947	D	7856.6	6947.0	-909.6	-11.6
1948	BN	7297.5	6859.7	-437.8	-6.0
1949	D	7783.6	7802.8	19.1	0.2
1950	BN	8458.5	8838.2	379.7	4.5
1951	AN	5758.4	5930.1	171.7	3.0
1952	W	8445.6	8458.5	12.8	0.2
1953	W	8406.4	8449.3	42.9	0.5
1954	AN	8288.8	8458.5	169.6	2.0
1955	D	8060.5	8037.3	-23.2	-0.3
1956	W	6717.4	6781.7	64.3	1.0
1957	AN	7763.5	7843.0	79.6	1.0
1958	W	8458.5	8458.5	0.0	0.0
1959	BN	8082.4	8384.9	302.5	3.7
1960	D	5869.5	5542.9	-326.6	-5.6
1961	D	5714.1	5187.4	-526.8	-9.2
1962	BN	5914.9	3635.4	-2279.5	-38.5
1963	W	8267.1	8265.0	-2.1	0.0
1964	D	8333.8	8458.5	124.6	1.5
1965	W	6097.1	6407.0	309.8	5.1
1966	BN	8291.9	8458.5	166.6	2.0
1967	W	8377.9	8421.6	43.7	0.5
1968	BN	8160.8	8458.5	297.7	3.6
1969	W	8458.5	8228.1	-230.3	-2.7
1970	W	7400.3	6726.4	-673.9	-9.1
1971	W	8379.3	8458.5	79.2	0.9
1972	BN	8354.2	8458.5	104.3	1.2
1973	AN	8345.4	8384.8	39.4	0.5
1974	W	8050.8	7721.4	-329.4	-4.1
1975	W	7897.6	8207.6	310.1	3.9
1976	C	7481.4	7593.0	111.6	1.5
1977	C	5047.1	5583.8	536.6	10.6
1978	AN	9720.9	11052.0	1331.1	13.7
1979	BN	7912.4	8140.6	228.2	2.9
1980	AN	8228.3	7150.2	-1078.1	-13.1
1981	D	7968.7	7916.7	-52.0	-0.7
1982	W	6231.0	6784.6	553.6	8.9
1983	W	8180.9	8357.1	176.3	2.2
1984	W	6084.2	6144.7	60.4	1.0
1985	D	7941.4	8202.4	261.0	3.3
1986	W	8458.5	8311.1	-147.4	-1.7
1987	D	7434.0	7155.4	-278.6	-3.7
1988	C	7389.0	7034.2	-354.8	-4.8
1989	D	6543.7	7473.9	930.1	14.2
1990	C	6555.1	6586.1	31.1	0.5
1991	C	5218.5	3141.2	-2077.3	-39.8
1992	C	5601.1	5854.7	253.6	4.5
1993	AN	8970.3	9264.0	293.7	3.3
	Mean:	7601.7	7492.4	-109.3	-1.8
	Median:	7955.1	7832.9	41.1	0.5
	Min:	5047.1	3141.2	-2279.5	-39.8
	Max:	9720.9	11052.0	1331.1	14.2

Folsom Reservoir Water Surface Area

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8458.5	8458.5	0.0	0.0
1923	BN	8421.0	8458.5	37.5	0.4
1924	C	6762.3	6894.8	132.5	2.0
1925	D	8970.3	8803.4	-166.9	-1.9
1926	D	8458.5	8466.7	8.2	0.1
1927	W	8458.5	8338.7	-119.8	-1.4
1928	AN	8438.0	8458.5	20.5	0.2
1929	C	7621.1	5388.6	-2232.6	-29.3
1930	D	7916.9	8132.8	216.0	2.7
1931	C	6425.6	4900.8	-1524.8	-23.7
1932	D	8458.5	8458.5	0.0	0.0
1933	C	6553.9	5882.9	-671.0	-10.2
1934	C	8458.5	8391.8	-66.7	-0.8
1935	BN	7531.8	6932.7	-599.0	-8.0
1936	BN	8458.5	8412.4	-46.1	-0.5
1937	BN	8458.5	8474.1	15.6	0.2
1938	W	8375.4	8458.5	83.1	1.0
1939	D	7330.4	7628.6	298.2	4.1
1940	AN	8437.9	8311.1	-126.8	-1.5
1941	W	8458.5	8449.3	-9.2	-0.1
1942	W	8344.8	8347.9	3.1	0.0
1943	W	8251.4	8108.4	-143.1	-1.7
1944	D	7947.8	7905.6	-42.1	-0.5
1945	BN	8458.5	8366.3	-92.1	-1.1
1946	BN	7990.1	7856.5	-133.7	-1.7
1947	D	8310.4	7341.0	-969.4	-11.7
1948	BN	6903.0	6633.8	-269.2	-3.9
1949	D	7705.7	7808.6	102.9	1.3
1950	BN	8458.5	8430.8	-27.6	-0.3
1951	AN	5758.4	6180.4	422.1	7.3
1952	W	8458.5	8449.3	-9.2	-0.1
1953	W	8430.2	8394.0	-36.2	-0.4
1954	AN	8458.5	8458.5	0.0	0.0
1955	D	7816.9	7748.1	-68.8	-0.9
1956	W	6248.6	6761.5	512.9	8.2
1957	AN	8458.5	8421.6	-36.9	-0.4
1958	W	8458.5	8366.3	-92.1	-1.1
1959	BN	8458.5	8458.5	0.0	0.0
1960	D	8970.3	9147.2	176.9	2.0
1961	D	6597.7	5415.9	-1181.8	-17.9
1962	BN	8970.3	9745.1	774.8	8.6
1963	W	8174.5	7537.2	-637.3	-7.8
1964	D	8111.0	8407.9	296.9	3.7
1965	W	6009.9	6609.6	599.7	10.0
1966	BN	8291.8	8458.5	166.7	2.0
1967	W	8404.2	8320.3	-83.9	-1.0
1968	BN	8458.5	8265.0	-193.5	-2.3
1969	W	8071.0	8089.9	19.0	0.2
1970	W	6541.5	6652.9	111.3	1.7
1971	W	8040.5	8076.4	35.9	0.4
1972	BN	8458.5	8458.5	0.0	0.0
1973	AN	8338.3	8347.9	9.6	0.1
1974	W	7931.0	7583.2	-347.8	-4.4
1975	W	8458.5	8458.5	0.0	0.0
1976	C	7729.9	7340.6	-389.4	-5.0
1977	C	4880.7	5197.5	316.8	6.5
1978	AN	8356.7	8292.6	-64.1	-0.8
1979	BN	8458.5	8458.5	0.0	0.0
1980	AN	6437.9	6754.0	316.1	4.9
1981	D	8035.2	8016.7	-18.5	-0.2
1982	W	5758.4	6223.9	465.5	8.1
1983	W	8270.9	8237.4	-33.6	-0.4
1984	W	5831.1	6407.0	575.9	9.9
1985	D	8152.5	8440.7	288.3	3.5
1986	W	7753.3	6450.0	-1303.3	-16.8
1987	D	8187.8	7463.7	-724.0	-8.8
1988	C	7210.0	6864.9	-345.2	-4.8
1989	D	6753.4	7060.6	307.2	4.5
1990	C	6859.2	6663.1	-196.1	-2.9
1991	C	5110.3	2617.7	-2492.5	-48.8
1992	C	8024.3	7884.1	-140.2	-1.7
1993	AN	8444.7	8274.2	-170.5	-2.0
	Mean:	7797.9	7666.1	-131.8	-1.9
	Median:	8219.6	8185.1	-13.9	-0.2
	Min:	4880.7	2617.7	-2492.5	-48.8
	Max:	8970.3	9745.1	774.8	10.0

Folsom Reservoir Water Surface Area

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9430.6	9370.6	-60.1	-0.6
1923	BN	8679.1	9032.6	353.5	4.1
1924	C	6658.7	6638.3	-20.5	-0.3
1925	D	7966.1	7553.2	-412.9	-5.2
1926	D	8684.3	8716.8	32.5	0.4
1927	W	9416.9	9250.8	-166.1	-1.8
1928	AN	9430.6	9038.9	-391.7	-4.2
1929	C	8416.5	5919.2	-2497.3	-29.7
1930	D	9430.6	9352.1	-78.5	-0.8
1931	C	6801.3	5761.9	-1039.4	-15.3
1932	D	9191.9	9361.4	169.4	1.8
1933	C	6999.2	6396.6	-602.7	-8.6
1934	C	8851.7	8879.8	28.1	0.3
1935	BN	8697.8	7748.8	-949.0	-10.9
1936	BN	9430.6	9306.1	-124.6	-1.3
1937	BN	9430.6	9379.8	-50.8	-0.5
1938	W	9430.6	9370.6	-60.1	-0.6
1939	D	8438.8	8781.2	342.4	4.1
1940	AN	9411.5	8854.6	-556.8	-5.9
1941	W	9430.6	9352.1	-78.5	-0.8
1942	W	9399.8	9287.7	-112.2	-1.2
1943	W	9347.0	8854.6	-492.4	-5.3
1944	D	9184.3	8889.2	-295.1	-3.2
1945	BN	9416.7	9352.2	-64.5	-0.7
1946	BN	9419.7	9269.2	-150.5	-1.6
1947	D	9430.6	8765.1	-665.5	-7.1
1948	BN	7806.8	6979.0	-827.9	-10.6
1949	D	9430.6	9379.8	-50.8	-0.5
1950	BN	9430.6	9352.1	-78.5	-0.8
1951	AN	8994.3	9113.4	119.1	1.3
1952	W	9430.6	9370.6	-60.1	-0.6
1953	W	9222.5	9065.7	-156.8	-1.7
1954	AN	9430.6	9352.1	-78.5	-0.8
1955	D	8283.8	7882.5	-401.3	-4.8
1956	W	8696.6	8822.2	125.7	1.4
1957	AN	9421.0	9306.1	-114.9	-1.2
1958	W	9410.3	9342.9	-67.4	-0.7
1959	BN	8851.8	8866.1	14.3	0.2
1960	D	9430.6	9324.5	-106.1	-1.1
1961	D	7443.0	6143.9	-1299.2	-17.5
1962	BN	9430.6	8944.7	-485.9	-5.2
1963	W	8666.3	8619.4	-46.9	-0.5
1964	D	8446.9	8338.3	-108.7	-1.3
1965	W	8163.8	8190.6	26.8	0.3
1966	BN	9017.7	9370.6	352.9	3.9
1967	W	9412.1	9075.8	-336.3	-3.6
1968	BN	9361.7	9149.5	-212.2	-2.3
1969	W	9320.6	9103.4	-217.2	-2.3
1970	W	9176.0	8999.8	-176.1	-1.9
1971	W	9415.2	9269.2	-145.9	-1.5
1972	BN	9430.6	9241.6	-189.0	-2.0
1973	AN	9366.0	9324.5	-41.5	-0.4
1974	W	9158.7	8744.1	-414.6	-4.5
1975	W	9430.6	9370.6	-60.1	-0.6
1976	C	8059.2	7647.3	-411.9	-5.1
1977	C	4735.3	5238.3	503.0	10.6
1978	AN	9365.2	8900.7	-464.4	-5.0
1979	BN	9430.6	9352.1	-78.5	-0.8
1980	AN	9215.8	8936.8	-279.0	-3.0
1981	D	9350.5	9370.6	20.1	0.2
1982	W	8931.3	9041.9	110.6	1.2
1983	W	9365.1	8891.5	-473.6	-5.1
1984	W	9028.0	9137.2	109.2	1.2
1985	D	9002.5	9062.9	60.4	0.7
1986	W	8428.3	8910.7	482.4	5.7
1987	D	9275.7	8559.4	-716.3	-7.7
1988	C	7392.9	7256.4	-136.5	-1.8
1989	D	9715.3	8790.1	-925.2	-9.5
1990	C	8023.5	7752.7	-270.8	-3.4
1991	C	8235.4	6311.4	-1924.0	-23.4
1992	C	8568.5	8997.3	428.7	5.0
1993	AN	9399.8	8882.3	-517.5	-5.5
	Mean:	8875.4	8632.9	-242.6	-2.8
	Median:	9249.1	8998.6	-113.6	-1.3
	Min:	4735.3	5238.3	-2497.3	-29.7
	Max:	9715.3	9379.8	503.0	10.6

Folsom Reservoir Water Surface Area

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	10311.8	10348.8	37.0	0.4
1923	BN	10531.4	10531.4	0.0	0.0
1924	C	6875.6	6722.5	-153.1	-2.2
1925	D	10531.4	10400.9	-130.5	-1.2
1926	D	10531.4	10531.4	0.0	0.0
1927	W	10322.8	10419.9	97.1	0.9
1928	AN	10311.8	10531.4	219.6	2.1
1929	C	8452.8	6448.1	-2004.7	-23.7
1930	D	10311.8	10130.2	-181.6	-1.8
1931	C	6656.7	5847.0	-809.7	-12.2
1932	D	10252.9	10294.1	41.3	0.4
1933	C	6481.9	6256.1	-225.8	-3.5
1934	C	8003.9	7916.9	-87.0	-1.1
1935	BN	10531.4	10531.4	0.0	0.0
1936	BN	10311.8	10384.6	72.8	0.7
1937	BN	10311.8	10344.2	32.3	0.3
1938	W	10311.8	10348.8	37.0	0.4
1939	D	9135.6	9224.4	88.8	1.0
1940	AN	10327.1	10531.4	204.3	2.0
1941	W	10311.8	10358.4	46.6	0.5
1942	W	10334.5	10395.9	61.4	0.6
1943	W	10361.2	10531.4	170.2	1.6
1944	D	9649.0	9275.5	-373.5	-3.9
1945	BN	10322.9	10358.4	35.5	0.3
1946	BN	10320.5	10407.7	87.2	0.8
1947	D	9408.1	8891.3	-516.8	-5.5
1948	BN	10531.4	9931.0	-600.4	-5.7
1949	D	10311.8	10344.2	32.3	0.3
1950	BN	10311.8	10358.4	46.6	0.5
1951	AN	10531.4	10531.4	0.0	0.0
1952	W	10311.8	10348.8	37.0	0.4
1953	W	10439.8	10531.4	91.7	0.9
1954	AN	10311.8	10358.4	46.6	0.5
1955	D	9022.4	8392.1	-630.3	-7.0
1956	W	10347.3	10531.4	184.2	1.8
1957	AN	9736.7	9741.0	4.4	0.0
1958	W	10328.0	10363.4	35.4	0.3
1959	BN	9528.5	9652.0	123.5	1.3
1960	D	9483.0	9390.8	-92.2	-1.0
1961	D	7539.6	6805.0	-734.6	-9.7
1962	BN	10311.8	10531.4	219.6	2.1
1963	W	10531.4	10531.4	0.0	0.0
1964	D	8958.2	8812.8	-145.4	-1.6
1965	W	10531.4	10531.4	0.0	0.0
1966	BN	10284.5	10348.8	64.3	0.6
1967	W	10326.6	10531.4	204.8	2.0
1968	BN	9774.9	9713.8	-61.0	-0.6
1969	W	10376.0	10531.4	155.4	1.5
1970	W	9462.8	9343.2	-119.6	-1.3
1971	W	10178.4	10130.7	-47.7	-0.5
1972	BN	10178.5	10038.4	-140.2	-1.4
1973	AN	10351.1	10373.8	22.6	0.2
1974	W	10488.7	10531.4	42.7	0.4
1975	W	10098.5	10348.8	250.3	2.5
1976	C	8391.0	7864.5	-526.5	-6.3
1977	C	4541.9	5240.6	698.7	15.4
1978	AN	10351.6	10531.4	179.8	1.7
1979	BN	10311.8	10355.0	43.2	0.4
1980	AN	10531.4	10531.4	0.0	0.0
1981	D	9742.4	10093.9	351.4	3.6
1982	W	10531.4	10531.4	0.0	0.0
1983	W	10351.6	10531.4	179.8	1.7
1984	W	10063.5	10120.2	56.7	0.6
1985	D	9856.2	10531.4	675.3	6.9
1986	W	10531.4	10531.4	0.0	0.0
1987	D	9234.0	9000.8	-233.2	-2.5
1988	C	7843.0	7653.7	-189.4	-2.4
1989	D	10337.5	10531.4	194.0	1.9
1990	C	8094.1	7610.6	-483.5	-6.0
1991	C	8863.4	7245.6	-1617.8	-18.3
1992	C	8050.8	8327.7	276.9	3.4
1993	AN	10334.5	10531.4	196.9	1.9
	Mean:	9718.9	9657.0	-61.9	-0.8
	Median:	10311.8	10348.8	33.9	0.3
	Min:	4541.9	5240.6	-2004.7	-23.7
	Max:	10531.4	10531.4	698.7	15.4

Folsom Reservoir Water Surface Area

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	11171.4	11171.4	0.0	0.0
1923	BN	11171.4	11171.4	0.0	0.0
1924	C	6965.6	6753.0	-212.6	-3.1
1925	D	11171.4	11171.4	0.0	0.0
1926	D	9919.7	9906.1	-13.5	-0.1
1927	W	11171.4	11171.4	0.0	0.0
1928	AN	10682.3	10676.3	-6.0	-0.1
1929	C	8958.2	6988.6	-1969.6	-22.0
1930	D	10422.8	10070.5	-352.2	-3.4
1931	C	7192.0	6133.7	-1058.3	-14.7
1932	D	11171.4	11171.4	0.0	0.0
1933	C	8282.2	7364.3	-917.9	-11.1
1934	C	7885.3	7801.8	-83.5	-1.1
1935	BN	10984.5	10956.7	-27.9	-0.3
1936	BN	11171.4	11171.4	0.0	0.0
1937	BN	11171.4	11171.4	0.0	0.0
1938	W	11171.4	11171.4	0.0	0.0
1939	D	9061.3	9391.5	330.2	3.6
1940	AN	11171.4	11171.4	0.0	0.0
1941	W	11171.4	11171.4	0.0	0.0
1942	W	11171.4	11171.4	0.0	0.0
1943	W	11117.4	11171.4	54.0	0.5
1944	D	9860.8	9965.2	104.4	1.1
1945	BN	11171.4	11171.4	0.0	0.0
1946	BN	11171.4	11171.4	0.0	0.0
1947	D	9293.1	8981.9	-311.2	-3.3
1948	BN	11171.4	11171.4	0.0	0.0
1949	D	10924.5	11171.4	246.9	2.3
1950	BN	11171.4	11171.4	0.0	0.0
1951	AN	11171.4	11171.4	0.0	0.0
1952	W	11171.4	11171.4	0.0	0.0
1953	W	11171.4	11171.4	0.0	0.0
1954	AN	10381.3	10490.7	109.5	1.1
1955	D	9746.0	9429.3	-316.7	-3.2
1956	W	11171.4	11171.4	0.0	0.0
1957	AN	11171.4	11171.4	0.0	0.0
1958	W	11171.4	11171.4	0.0	0.0
1959	BN	9354.8	9676.0	321.2	3.4
1960	D	9615.4	9659.0	43.6	0.5
1961	D	7866.8	7446.6	-420.2	-5.3
1962	BN	10513.2	10898.2	384.9	3.7
1963	W	11171.4	11171.4	0.0	0.0
1964	D	9852.8	9592.3	-260.4	-2.6
1965	W	11088.3	11066.5	-21.8	-0.2
1966	BN	9824.9	10347.5	522.6	5.3
1967	W	11171.4	11171.4	0.0	0.0
1968	BN	9804.7	9673.7	-131.0	-1.3
1969	W	11171.4	11171.4	0.0	0.0
1970	W	9915.2	10249.7	334.5	3.4
1971	W	11171.4	11171.4	0.0	0.0
1972	BN	10641.8	10500.9	-140.9	-1.3
1973	AN	11171.4	11171.4	0.0	0.0
1974	W	11171.4	11171.4	0.0	0.0
1975	W	11171.4	11171.4	0.0	0.0
1976	C	8680.1	8130.8	-549.3	-6.3
1977	C	4517.5	5367.0	849.5	18.8
1978	AN	11171.4	11171.4	0.0	0.0
1979	BN	11171.4	11171.4	0.0	0.0
1980	AN	11171.4	11171.4	0.0	0.0
1981	D	9515.4	10103.0	587.6	6.2
1982	W	11171.4	11171.4	0.0	0.0
1983	W	11171.4	11171.4	0.0	0.0
1984	W	11171.4	11171.4	0.0	0.0
1985	D	9643.7	10275.6	631.9	6.6
1986	W	11171.4	11171.4	0.0	0.0
1987	D	9085.7	9131.8	46.0	0.5
1988	C	7433.6	7709.8	276.2	3.7
1989	D	10315.5	10457.4	142.0	1.4
1990	C	8385.8	7715.1	-670.6	-8.0
1991	C	9750.1	8335.5	-1414.6	-14.5
1992	C	7517.4	8272.7	755.3	10.0
1993	AN	11171.4	11171.4	0.0	0.0
	Mean:	10238.5	10194.9	-43.6	-0.4
	Median:	11144.4	11171.4	0.0	0.0
	Min:	4517.5	5367.0	-1969.6	-22.0
	Max:	11171.4	11171.4	849.5	18.8

Folsom Reservoir Water Surface Area

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	11171.4	11171.4	0.0	0.0
1923	BN	11171.4	11171.4	0.0	0.0
1924	C	6436.0	6297.2	-138.7	-2.2
1925	D	10440.6	10255.6	-185.1	-1.8
1926	D	8527.2	8754.4	227.1	2.7
1927	W	11171.4	11171.4	0.0	0.0
1928	AN	10026.1	10042.7	16.6	0.2
1929	C	8306.2	7077.7	-1228.5	-14.8
1930	D	10178.7	9392.6	-786.1	-7.7
1931	C	6444.1	6250.6	-193.5	-3.0
1932	D	10995.1	10951.9	-43.2	-0.4
1933	C	7779.4	7229.0	-550.5	-7.1
1934	C	6895.6	6821.3	-74.3	-1.1
1935	BN	11171.4	11171.4	0.0	0.0
1936	BN	11171.4	11171.4	0.0	0.0
1937	BN	10662.0	10531.5	-130.5	-1.2
1938	W	11171.4	11171.4	0.0	0.0
1939	D	8057.7	8525.7	468.0	5.8
1940	AN	11075.9	11031.5	-44.4	-0.4
1941	W	11171.4	11108.6	-62.7	-0.6
1942	W	11171.4	11171.4	0.0	0.0
1943	W	11171.4	11171.4	0.0	0.0
1944	D	9455.3	9443.0	-12.2	-0.1
1945	BN	10857.4	10828.9	-28.5	-0.3
1946	BN	10730.7	10600.2	-130.4	-1.2
1947	D	8597.0	8383.4	-213.6	-2.5
1948	BN	11171.4	11171.4	0.0	0.0
1949	D	10130.5	10222.1	91.6	0.9
1950	BN	11171.4	11171.4	0.0	0.0
1951	AN	11008.0	11051.0	43.0	0.4
1952	W	11171.4	11171.4	0.0	0.0
1953	W	11171.4	11171.4	0.0	0.0
1954	AN	9973.1	10058.5	85.4	0.9
1955	D	8943.5	8821.8	-121.7	-1.4
1956	W	11171.4	11171.4	0.0	0.0
1957	AN	10918.7	10811.2	-107.5	-1.0
1958	W	11171.4	11171.4	0.0	0.0
1959	BN	8788.1	8943.5	155.4	1.8
1960	D	8923.0	8932.4	9.4	0.1
1961	D	7600.2	7359.2	-241.0	-3.2
1962	BN	10748.5	10931.4	182.9	1.7
1963	W	11171.4	11116.0	-55.4	-0.5
1964	D	9462.3	9458.8	-3.5	0.0
1965	W	11171.4	11171.4	0.0	0.0
1966	BN	8943.5	9340.7	397.2	4.4
1967	W	11171.4	11171.4	0.0	0.0
1968	BN	9309.5	8963.1	-346.4	-3.7
1969	W	11171.4	11171.4	0.0	0.0
1970	W	9953.1	9997.7	44.5	0.4
1971	W	11171.4	11171.4	0.0	0.0
1972	BN	9459.4	9103.0	-356.3	-3.8
1973	AN	10536.1	10357.1	-179.0	-1.7
1974	W	11171.4	11171.4	0.0	0.0
1975	W	11171.4	11171.4	0.0	0.0
1976	C	8642.8	7974.8	-668.0	-7.7
1977	C	4069.2	5043.3	974.0	23.9
1978	AN	11171.4	11171.4	0.0	0.0
1979	BN	10132.0	9837.4	-294.6	-2.9
1980	AN	11171.4	11171.4	0.0	0.0
1981	D	8869.3	8943.5	74.2	0.8
1982	W	11171.4	11171.4	0.0	0.0
1983	W	11171.4	11171.4	0.0	0.0
1984	W	10926.7	10932.4	5.8	0.1
1985	D	8839.6	9325.5	485.9	5.5
1986	W	11171.4	11171.4	0.0	0.0
1987	D	8021.0	8231.7	210.7	2.6
1988	C	6784.0	7466.9	682.9	10.1
1989	D	9758.0	9478.7	-279.4	-2.9
1990	C	7800.8	7629.2	-171.5	-2.2
1991	C	9668.9	8478.9	-1190.0	-12.3
1992	C	6827.8	7399.1	571.3	8.4
1993	AN	11171.4	11171.4	0.0	0.0
	Mean:	9907.0	9863.8	-43.2	-0.2
	Median:	10696.3	10565.8	0.0	0.0
	Min:	4069.2	5043.3	-1228.5	-14.8
	Max:	11171.4	11171.4	974.0	23.9

Folsom Reservoir Water Surface Area

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	10567.4	10505.2	-62.2	-0.6
1923	BN	10188.9	10063.7	-125.3	-1.2
1924	C	5867.4	5783.1	-84.3	-1.4
1925	D	9293.8	8924.0	-369.8	-4.0
1926	D	6935.5	6914.2	-21.3	-0.3
1927	W	10092.7	9964.9	-127.8	-1.3
1928	AN	8778.6	8704.0	-74.6	-0.8
1929	C	7403.6	6700.5	-703.1	-9.5
1930	D	8673.9	8138.3	-535.7	-6.2
1931	C	5897.5	5974.0	76.5	1.3
1932	D	10031.1	9813.6	-217.5	-2.2
1933	C	6589.5	6440.0	-149.5	-2.3
1934	C	6244.4	6053.3	-191.1	-3.1
1935	BN	10086.2	9910.4	-175.9	-1.7
1936	BN	10189.5	10065.7	-123.8	-1.2
1937	BN	9504.5	9247.6	-256.9	-2.7
1938	W	11158.1	11022.9	-135.3	-1.2
1939	D	6977.0	7067.7	90.7	1.3
1940	AN	9834.3	9663.5	-170.8	-1.7
1941	W	10947.1	10725.8	-221.3	-2.0
1942	W	10432.1	10585.5	153.4	1.5
1943	W	10145.5	10017.3	-128.2	-1.3
1944	D	8693.7	8727.5	33.8	0.4
1945	BN	9747.8	9589.2	-158.5	-1.6
1946	BN	9510.1	9255.7	-254.5	-2.7
1947	D	7311.3	7379.1	67.9	0.9
1948	BN	10318.5	10264.4	-54.1	-0.5
1949	D	8943.5	8943.5	0.0	0.0
1950	BN	10137.1	10007.0	-130.1	-1.3
1951	AN	9599.7	9522.8	-77.0	-0.8
1952	W	11014.7	11022.9	8.2	0.1
1953	W	10517.8	10394.4	-123.5	-1.2
1954	AN	8943.5	8943.5	0.0	0.0
1955	D	7745.1	7609.2	-136.0	-1.8
1956	W	10960.7	11022.9	62.1	0.6
1957	AN	9710.5	9471.0	-239.5	-2.5
1958	W	11171.4	11022.9	-148.5	-1.3
1959	BN	6109.2	6058.5	-50.7	-0.8
1960	D	7379.9	7550.9	171.0	2.3
1961	D	5227.4	5144.9	-82.5	-1.6
1962	BN	9415.3	9452.4	37.1	0.4
1963	W	10013.8	9824.6	-189.2	-1.9
1964	D	8321.5	8362.1	40.6	0.5
1965	W	10234.6	10107.1	-127.5	-1.2
1966	BN	7285.6	8278.7	993.1	13.6
1967	W	11171.4	11022.9	-148.5	-1.3
1968	BN	7351.0	6425.5	-925.4	-12.6
1969	W	10386.1	10560.3	174.2	1.7
1970	W	8701.1	8620.6	-80.5	-0.9
1971	W	10263.6	10140.0	-123.6	-1.2
1972	BN	7728.1	6538.2	-1189.9	-15.4
1973	AN	9228.2	8943.5	-284.6	-3.1
1974	W	11073.6	11022.9	-50.7	-0.5
1975	W	10865.6	10497.4	-368.2	-3.4
1976	C	7687.6	7503.5	-184.1	-2.4
1977	C	3182.8	3721.4	538.5	16.9
1978	AN	10171.7	9988.5	-183.2	-1.8
1979	BN	8943.5	8933.7	-9.8	-0.1
1980	AN	10972.6	10814.7	-157.9	-1.4
1981	D	7043.3	7268.9	225.6	3.2
1982	W	11171.4	11012.8	-158.6	-1.4
1983	W	11171.4	11022.9	-148.5	-1.3
1984	W	9745.5	9670.3	-75.2	-0.8
1985	D	7314.9	7796.8	482.0	6.6
1986	W	10011.0	9887.2	-123.8	-1.2
1987	D	6927.5	7306.1	378.7	5.5
1988	C	6034.5	6944.3	909.8	15.1
1989	D	8367.2	8194.8	-172.4	-2.1
1990	C	6816.1	6979.9	163.9	2.4
1991	C	8954.4	7512.6	-1441.7	-16.1
1992	C	6243.3	6647.3	404.0	6.5
1993	AN	10493.9	10365.6	-128.2	-1.2
	Mean:	8919.1	8827.5	-91.5	-0.7
	Median:	9459.9	9251.6	-123.8	-1.2
	Min:	3182.8	3721.4	-1441.7	-16.1
	Max:	11171.4	11022.9	993.1	16.9

Folsom Reservoir Water Surface Area

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9331.6	10131.2	799.7	8.6
1923	BN	9760.1	9885.0	125.0	1.3
1924	C	5937.5	5475.7	-461.9	-7.8
1925	D	8295.0	8262.4	-32.6	-0.4
1926	D	6423.1	6143.4	-279.7	-4.4
1927	W	10049.3	9809.2	-240.1	-2.4
1928	AN	7952.5	7638.0	-314.5	-4.0
1929	C	6941.8	6185.2	-756.6	-10.9
1930	D	8060.0	7608.6	-451.3	-5.6
1931	C	5752.1	5735.6	-16.5	-0.3
1932	D	9256.2	9080.1	-176.1	-1.9
1933	C	6252.1	5892.0	-360.1	-5.8
1934	C	5699.8	4686.4	-1013.4	-17.8
1935	BN	9559.4	9354.8	-204.5	-2.1
1936	BN	9801.9	9360.6	-441.3	-4.5
1937	BN	8669.6	8172.7	-496.9	-5.7
1938	W	10124.5	9760.6	-363.9	-3.6
1939	D	6852.7	6321.6	-531.1	-7.8
1940	AN	9678.9	9324.5	-354.4	-3.7
1941	W	9792.8	9507.1	-285.7	-2.9
1942	W	10219.1	10131.7	-87.4	-0.9
1943	W	10106.3	9899.9	-206.4	-2.0
1944	D	8059.5	8307.9	248.4	3.1
1945	BN	9675.8	9246.4	-429.4	-4.4
1946	BN	9482.5	8922.9	-559.6	-5.9
1947	D	7322.3	6829.0	-493.3	-6.7
1948	BN	10001.0	10060.3	59.2	0.6
1949	D	8688.8	8339.9	-348.9	-4.0
1950	BN	9992.6	9599.6	-393.0	-3.9
1951	AN	9294.1	9367.9	73.8	0.8
1952	W	10560.9	10131.7	-429.2	-4.1
1953	W	10132.7	10128.8	-3.9	0.0
1954	AN	8170.6	8420.5	249.9	3.1
1955	D	7434.1	7363.0	-71.1	-1.0
1956	W	10834.1	10131.7	-702.4	-6.5
1957	AN	9117.5	9055.7	-61.8	-0.7
1958	W	10879.6	10131.7	-747.9	-6.9
1959	BN	6014.7	5161.0	-853.8	-14.2
1960	D	7060.8	7127.7	66.9	0.9
1961	D	4539.9	3054.1	-1485.8	-32.7
1962	BN	9212.2	9143.8	-68.4	-0.7
1963	W	9468.8	9644.8	176.0	1.9
1964	D	7857.1	7221.9	-635.2	-8.1
1965	W	10238.1	10065.8	-172.3	-1.7
1966	BN	7368.9	7755.7	386.8	5.2
1967	W	10688.4	10131.7	-556.7	-5.2
1968	BN	7064.2	6065.8	-998.4	-14.1
1969	W	9279.5	9378.9	99.3	1.1
1970	W	8047.2	7835.6	-211.6	-2.6
1971	W	10055.6	10004.7	-50.8	-0.5
1972	BN	7379.6	6042.3	-1337.4	-18.1
1973	AN	9086.1	8401.0	-685.1	-7.5
1974	W	10656.2	10131.7	-524.5	-4.9
1975	W	10647.1	10131.7	-515.4	-4.8
1976	C	7764.7	7235.6	-529.1	-6.8
1977	C	2923.6	2156.8	-766.7	-26.2
1978	AN	8943.5	8943.5	0.0	0.0
1979	BN	8688.8	8253.0	-435.8	-5.0
1980	AN	10794.4	10053.3	-741.1	-6.9
1981	D	6855.7	6875.7	20.0	0.3
1982	W	10265.6	9752.1	-513.4	-5.0
1983	W	11171.4	10131.7	-1039.7	-9.3
1984	W	9704.6	8935.6	-768.9	-7.9
1985	D	6875.4	7137.3	261.9	3.8
1986	W	9833.0	8943.5	-889.4	-9.0
1987	D	6857.2	6678.8	-178.4	-2.6
1988	C	5346.5	6327.8	981.3	18.4
1989	D	7653.3	7477.6	-175.7	-2.3
1990	C	6952.7	6660.1	-292.5	-4.2
1991	C	7552.3	6817.8	-734.4	-9.7
1992	C	5740.8	5926.1	185.3	3.2
1993	AN	9878.6	10011.7	133.1	1.3
	Mean:	8508.7	8194.7	-314.0	-4.1
	Median:	9014.8	8671.7	-331.7	-4.0
	Min:	2923.6	2156.8	-1485.8	-32.7
	Max:	11171.4	10131.7	981.3	18.4

Folsom Reservoir Water Surface Area

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9169.5	9240.6	71.1	0.8
1923	BN	9730.1	9240.6	-489.5	-5.0
1924	C	5403.6	4575.5	-828.2	-15.3
1925	D	8780.2	8029.5	-750.7	-8.5
1926	D	6260.5	5840.2	-420.2	-6.7
1927	W	10178.4	9240.6	-937.8	-9.2
1928	AN	8335.3	7329.4	-1005.9	-12.1
1929	C	6901.8	5818.3	-1083.5	-15.7
1930	D	8464.0	7484.0	-979.9	-11.6
1931	C	5516.8	5538.0	21.2	0.4
1932	D	9062.8	8696.1	-366.7	-4.0
1933	C	6209.3	5336.8	-872.5	-14.1
1934	C	5589.9	4044.9	-1545.0	-27.6
1935	BN	9469.1	9172.8	-296.3	-3.1
1936	BN	9567.8	8805.9	-761.9	-8.0
1937	BN	8285.1	7798.9	-486.2	-5.9
1938	W	10057.4	9240.6	-816.8	-8.1
1939	D	6916.2	6141.2	-775.0	-11.2
1940	AN	9582.4	9143.6	-438.7	-4.6
1941	W	9471.2	9203.1	-268.1	-2.8
1942	W	10212.2	9240.6	-971.6	-9.5
1943	W	9949.6	9240.6	-709.0	-7.1
1944	D	8363.7	7911.6	-452.1	-5.4
1945	BN	9484.6	8925.4	-559.2	-5.9
1946	BN	9796.5	8769.8	-1026.8	-10.5
1947	D	7041.5	6511.6	-529.9	-7.5
1948	BN	9927.1	9240.6	-686.6	-6.9
1949	D	8449.1	8088.9	-360.2	-4.3
1950	BN	9950.4	9232.4	-718.0	-7.2
1951	AN	9121.9	9184.9	62.9	0.7
1952	W	10369.0	9240.6	-1128.5	-10.9
1953	W	9834.0	9240.6	-593.4	-6.0
1954	AN	7898.0	8211.5	313.5	4.0
1955	D	7834.3	7072.6	-761.7	-9.7
1956	W	10806.5	9240.6	-1565.9	-14.5
1957	AN	8340.6	8778.1	437.5	5.2
1958	W	10706.3	9240.6	-1465.7	-13.7
1959	BN	6495.2	5067.9	-1427.3	-22.0
1960	D	6889.5	6820.6	-68.9	-1.0
1961	D	5084.3	2737.6	-2346.7	-46.2
1962	BN	8953.4	8873.4	-79.9	-0.9
1963	W	9095.3	9240.6	145.3	1.6
1964	D	7384.0	6713.9	-670.0	-9.1
1965	W	10383.2	9240.6	-1142.7	-11.0
1966	BN	7116.5	7513.0	396.6	5.6
1967	W	10683.6	9240.6	-1443.0	-13.5
1968	BN	7358.2	5749.6	-1608.7	-21.9
1969	W	9196.7	9182.4	-14.3	-0.2
1970	W	7844.6	7214.0	-630.7	-8.0
1971	W	10112.7	9240.6	-872.1	-8.6
1972	BN	7754.6	5860.4	-1894.3	-24.4
1973	AN	9007.4	8369.5	-637.9	-7.1
1974	W	10421.6	9240.6	-1181.1	-11.3
1975	W	10380.3	9240.6	-1139.7	-11.0
1976	C	7762.3	6955.1	-807.2	-10.4
1977	C	2860.1	2090.9	-769.2	-26.9
1978	AN	8259.6	8510.7	251.1	3.0
1979	BN	8818.3	7862.7	-955.6	-10.8
1980	AN	10732.3	9240.6	-1491.7	-13.9
1981	D	7129.8	6772.6	-357.2	-5.0
1982	W	10364.9	9240.6	-1124.4	-10.8
1983	W	11171.4	9240.6	-1930.8	-17.3
1984	W	9624.2	8593.6	-1030.6	-10.7
1985	D	6706.5	6602.1	-104.4	-1.6
1986	W	9815.3	8720.3	-1095.0	-11.2
1987	D	7074.6	6685.1	-389.4	-5.5
1988	C	5497.7	5885.5	387.8	7.1
1989	D	8085.7	7472.6	-613.2	-7.6
1990	C	6805.6	6343.8	-461.8	-6.8
1991	C	7191.1	6087.9	-1103.2	-15.3
1992	C	5561.6	5451.1	-110.5	-2.0
1993	AN	9488.1	9240.6	-247.6	-2.6
	Mean:	8446.5	7747.7	-698.8	-8.6
	Median:	8799.2	8440.1	-713.5	-8.0
	Min:	2860.1	2090.9	-2346.7	-46.2
	Max:	11171.4	9240.6	437.5	7.1

Lower American River Flow Below Nimbus Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1631.6	1584.6	-47.0	-2.9
1923	BN	1756.5	1780.4	23.9	1.4
1924	C	3486.6	1901.2	-1585.4	-45.5
1925	D	1287.4	878.8	-408.6	-31.7
1926	D	2062.6	1878.0	-184.5	-8.9
1927	W	1895.4	1102.3	-793.0	-41.8
1928	AN	3917.9	1813.7	-2104.2	-53.7
1929	C	1750.0	1500.0	-250.0	-14.3
1930	D	1750.0	1083.9	-666.1	-38.1
1931	C	2316.5	2350.3	33.8	1.5
1932	D	1371.0	2439.2	1068.2	77.9
1933	C	2846.9	2402.5	-444.4	-15.6
1934	C	1717.1	889.0	-828.1	-48.2
1935	BN	2138.3	2554.1	415.8	19.4
1936	BN	2834.7	2193.9	-640.8	-22.6
1937	BN	2833.9	1784.5	-1049.4	-37.0
1938	W	1750.0	1500.0	-250.0	-14.3
1939	D	2562.4	1500.0	-1062.4	-41.5
1940	AN	1750.0	1214.6	-535.4	-30.6
1941	W	2791.0	2019.9	-771.1	-27.6
1942	W	1944.1	1500.0	-444.1	-22.8
1943	W	2677.1	1500.0	-1177.1	-44.0
1944	D	3606.8	2053.0	-1553.8	-43.1
1945	BN	2653.0	1696.4	-956.6	-36.1
1946	BN	2791.7	2013.8	-778.0	-27.9
1947	D	4139.9	2272.6	-1867.3	-45.1
1948	BN	1750.0	1441.4	-308.6	-17.6
1949	D	2408.9	1500.0	-908.9	-37.7
1950	BN	1782.4	1500.0	-282.4	-15.8
1951	AN	4613.5	2557.9	-2055.6	-44.6
1952	W	2243.2	1500.0	-743.2	-33.1
1953	W	3168.2	1500.0	-1668.2	-52.7
1954	AN	2299.2	1500.0	-799.2	-34.8
1955	D	1750.0	1500.0	-250.0	-14.3
1956	W	1835.9	1801.6	-34.3	-1.9
1957	AN	4367.0	1500.0	-2867.0	-65.7
1958	W	1750.0	1500.0	-250.0	-14.3
1959	BN	3715.2	1500.0	-2215.2	-59.6
1960	D	1750.0	800.0	-950.0	-54.3
1961	D	1750.0	1500.0	-250.0	-14.3
1962	BN	653.8	800.0	146.2	22.4
1963	W	4047.7	4478.9	431.2	10.7
1964	D	1750.0	1500.0	-250.0	-14.3
1965	W	3060.9	2203.7	-857.2	-28.0
1966	BN	4569.2	1990.6	-2578.5	-56.4
1967	W	1750.0	1500.0	-250.0	-14.3
1968	BN	3948.5	1500.0	-2448.5	-62.0
1969	W	2157.9	1052.9	-1105.0	-51.2
1970	W	1775.1	1500.0	-275.1	-15.5
1971	W	1893.1	1500.2	-392.8	-20.7
1972	BN	2627.6	1500.0	-1127.6	-42.9
1973	AN	1750.0	1113.3	-636.7	-36.4
1974	W	1750.0	1500.0	-250.0	-14.3
1975	W	3054.2	1500.0	-1554.2	-50.9
1976	C	3544.2	1500.0	-2044.2	-57.7
1977	C	1796.6	800.0	-996.6	-55.5
1978	AN	1130.2	500.0	-630.2	-55.8
1979	BN	1750.0	1500.0	-250.0	-14.3
1980	AN	1750.0	1500.0	-250.0	-14.3
1981	D	3857.2	2092.9	-1764.3	-45.7
1982	W	1750.0	1500.0	-250.0	-14.3
1983	W	4671.9	1927.9	-2744.0	-58.7
1984	W	6668.3	1500.0	-5168.3	-77.5
1985	D	2052.0	1500.0	-552.0	-26.9
1986	W	2428.8	1493.0	-935.7	-38.5
1987	D	3055.7	1500.0	-1555.7	-50.9
1988	C	1750.0	1421.3	-328.7	-18.8
1989	D	663.3	800.0	136.7	20.6
1990	C	2297.8	1500.0	-797.8	-34.7
1991	C	1750.0	1318.2	-431.8	-24.7
1992	C	1994.7	800.0	-1194.7	-59.9
1993	AN	666.8	800.0	133.2	20.0
	Mean:	2441.8	1591.7	-850.1	-28.3
	Median:	2057.3	1500.0	-653.5	-31.2
	Min:	653.8	500.0	-5168.3	-77.5
	Max:	6668.3	4478.9	1068.2	77.9

Lower American River Flow Below Nimbus Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1903.0	1925.0	22.0	1.2
1923	BN	3394.0	2459.6	-934.4	-27.5
1924	C	2688.2	1925.0	-763.2	-28.4
1925	D	500.0	800.0	300.0	60.0
1926	D	2103.0	1925.0	-178.0	-8.5
1927	W	556.6	1102.3	545.8	98.1
1928	AN	4622.9	3152.1	-1470.9	-31.8
1929	C	1933.9	1683.3	-250.6	-13.0
1930	D	1757.0	1083.9	-673.2	-38.3
1931	C	2162.6	1763.3	-399.4	-18.5
1932	D	603.8	800.0	196.2	32.5
1933	C	3601.8	2371.1	-1230.7	-34.2
1934	C	1547.4	1129.3	-418.1	-27.0
1935	BN	500.0	800.0	300.0	60.0
1936	BN	2543.5	1925.0	-618.5	-24.3
1937	BN	2482.5	1925.0	-557.5	-22.5
1938	W	1950.1	1925.0	-25.1	-1.3
1939	D	4634.4	2364.3	-2270.2	-49.0
1940	AN	2078.3	1214.6	-863.7	-41.6
1941	W	2793.4	2112.3	-681.1	-24.4
1942	W	3498.0	2521.6	-976.5	-27.9
1943	W	6940.9	4263.5	-2677.4	-38.6
1944	D	3000.0	1925.0	-1075.0	-35.8
1945	BN	2122.4	1925.0	-197.4	-9.3
1946	BN	4176.0	3392.5	-783.5	-18.8
1947	D	2686.8	3446.7	759.9	28.3
1948	BN	1811.7	1441.4	-370.3	-20.4
1949	D	3853.9	2090.1	-1763.8	-45.8
1950	BN	1951.6	1925.0	-26.6	-1.4
1951	AN	15867.6	16552.8	685.2	4.3
1952	W	3327.3	3286.1	-41.2	-1.2
1953	W	5378.5	2601.5	-2777.0	-51.6
1954	AN	4306.5	2736.5	-1570.0	-36.5
1955	D	1882.3	1925.0	42.7	2.3
1956	W	1870.3	1683.3	-187.0	-10.0
1957	AN	5008.1	2527.3	-2480.7	-49.5
1958	W	1962.4	1925.0	-37.4	-1.9
1959	BN	5116.4	2067.7	-3048.7	-59.6
1960	D	1617.1	800.0	-817.1	-50.5
1961	D	1761.3	1574.6	-186.7	-10.6
1962	BN	608.0	800.0	192.0	31.6
1963	W	5657.5	4260.8	-1396.7	-24.7
1964	D	5262.8	4795.1	-467.8	-8.9
1965	W	1692.1	1557.6	-134.5	-7.9
1966	BN	4230.2	2556.1	-1674.1	-39.6
1967	W	1783.3	1731.6	-51.8	-2.9
1968	BN	5786.3	3026.1	-2760.2	-47.7
1969	W	1818.9	1052.9	-766.0	-42.1
1970	W	3630.0	2698.3	-931.7	-25.7
1971	W	2042.4	1683.3	-359.1	-17.6
1972	BN	4785.3	2527.2	-2258.1	-47.2
1973	AN	1880.2	1113.3	-766.9	-40.8
1974	W	8151.8	6323.1	-1828.7	-22.4
1975	W	4997.1	2100.9	-2896.2	-58.0
1976	C	5645.9	3745.0	-1901.0	-33.7
1977	C	1840.7	800.0	-1040.7	-56.5
1978	AN	520.4	500.0	-20.4	-3.9
1979	BN	1935.7	1925.0	-10.7	-0.6
1980	AN	2593.9	1925.0	-668.9	-25.8
1981	D	5094.9	1925.0	-3169.9	-62.2
1982	W	3907.0	4370.7	463.7	11.9
1983	W	9029.7	7922.2	-1107.5	-12.3
1984	W	15756.2	15706.4	-49.7	-0.3
1985	D	6094.2	3920.3	-2173.9	-35.7
1986	W	573.1	1493.0	919.9	160.5
1987	D	3041.9	1925.0	-1116.9	-36.7
1988	C	1752.0	1421.3	-330.8	-18.9
1989	D	500.0	800.0	300.0	60.0
1990	C	2270.9	2077.4	-193.5	-8.5
1991	C	1661.2	1318.2	-343.0	-20.6
1992	C	1775.5	813.3	-962.2	-54.2
1993	AN	529.5	800.0	270.5	51.1
	Mean:	3324.2	2564.0	-760.2	-14.1
	Median:	2376.7	1925.0	-588.0	-21.5
	Min:	500.0	500.0	-3169.9	-62.2
	Max:	15867.6	16552.8	919.9	160.5

Lower American River Flow Below Nimbus Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1712.7	2000.0	287.3	16.8
1923	BN	6550.9	6782.1	231.2	3.5
1924	C	2812.3	2000.0	-812.3	-28.9
1925	D	506.8	800.0	293.2	57.9
1926	D	1892.7	2000.0	107.3	5.7
1927	W	1407.5	1102.3	-305.1	-21.7
1928	AN	2173.1	2273.3	100.2	4.6
1929	C	1740.5	1750.0	9.5	0.5
1930	D	1503.2	1083.9	-419.4	-27.9
1931	C	1716.7	1780.0	63.3	3.7
1932	D	500.0	800.0	300.0	60.0
1933	C	1734.4	2000.0	265.6	15.3
1934	C	564.6	821.1	256.5	45.4
1935	BN	607.5	800.0	192.5	31.7
1936	BN	2289.1	2000.0	-289.1	-12.6
1937	BN	2234.3	2000.0	-234.3	-10.5
1938	W	6126.3	4828.4	-1297.9	-21.2
1939	D	1936.9	2000.0	63.1	3.3
1940	AN	653.8	1214.6	560.7	85.8
1941	W	4408.1	4186.8	-221.2	-5.0
1942	W	5320.3	5536.9	216.5	4.1
1943	W	4414.3	4626.2	211.9	4.8
1944	D	1938.6	2000.0	61.4	3.2
1945	BN	1894.2	2000.0	105.8	5.6
1946	BN	8714.3	8780.6	66.2	0.8
1947	D	1944.3	2000.0	55.7	2.9
1948	BN	1630.5	1441.4	-189.1	-11.6
1949	D	1953.5	2000.0	46.5	2.4
1950	BN	1756.4	2000.0	243.6	13.9
1951	AN	16548.9	16106.0	-442.9	-2.7
1952	W	5521.2	5770.8	249.6	4.5
1953	W	2105.3	2567.9	462.6	22.0
1954	AN	1952.9	2000.0	47.1	2.4
1955	D	1694.1	2000.0	305.9	18.1
1956	W	14835.6	14539.8	-295.8	-2.0
1957	AN	1938.0	2000.0	62.0	3.2
1958	W	1766.2	2000.0	233.8	13.2
1959	BN	1937.8	2000.0	62.2	3.2
1960	D	644.9	800.0	155.1	24.0
1961	D	1585.2	1601.8	16.6	1.0
1962	BN	610.0	800.0	190.0	31.1
1963	W	3148.5	3320.5	172.0	5.5
1964	D	1938.7	2000.0	61.3	3.2
1965	W	16528.0	18992.7	2464.7	14.9
1966	BN	1937.0	2000.0	63.0	3.3
1967	W	1919.7	2563.5	643.8	33.5
1968	BN	1937.1	2000.0	62.9	3.2
1969	W	1637.0	1052.9	-584.1	-35.7
1970	W	5265.1	5571.0	305.9	5.8
1971	W	5891.6	5017.8	-873.8	-14.8
1972	BN	2494.9	2772.7	277.8	11.1
1973	AN	2621.6	1113.3	-1508.3	-57.5
1974	W	7265.9	7214.4	-51.5	-0.7
1975	W	1935.9	2000.0	64.1	3.3
1976	C	1938.3	2000.0	61.7	3.2
1977	C	1636.8	800.0	-836.8	-51.1
1978	AN	520.2	521.4	1.2	0.2
1979	BN	1868.6	2000.0	131.4	7.0
1980	AN	1957.1	2000.0	42.9	2.2
1981	D	1938.1	2000.0	61.9	3.2
1982	W	14455.9	14208.2	-247.7	-1.7
1983	W	8922.8	9063.4	140.6	1.6
1984	W	14914.5	14979.9	65.5	0.4
1985	D	2323.3	2475.9	152.6	6.6
1986	W	1697.0	1493.0	-204.0	-12.0
1987	D	1946.0	2000.0	54.0	2.8
1988	C	1533.3	1421.3	-112.1	-7.3
1989	D	1698.7	800.0	-898.7	-52.9
1990	C	2237.3	1879.8	-357.6	-16.0
1991	C	643.7	1318.2	674.5	104.8
1992	C	1556.9	800.0	-756.9	-48.6
1993	AN	536.9	800.0	263.1	49.0
	Mean:	3342.0	3346.9	4.8	4.4
	Median:	1937.9	2000.0	63.0	3.2
	Min:	500.0	521.4	-1508.3	-57.5
	Max:	16548.9	18992.7	2464.7	104.8

Lower American River Flow Below Nimbus Dam

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1284.5	1750.0	465.5	36.2
1923	BN	4454.2	4462.0	7.8	0.2
1924	C	1666.0	1700.0	34.0	2.0
1925	D	1541.5	800.0	-741.5	-48.1
1926	D	1840.1	1700.0	-140.1	-7.6
1927	W	3657.4	3403.7	-253.7	-6.9
1928	AN	1941.5	1808.6	-132.9	-6.8
1929	C	1305.4	1750.0	444.6	34.1
1930	D	1127.4	1083.9	-43.6	-3.9
1931	C	1287.5	1513.0	225.5	17.5
1932	D	1678.3	800.0	-878.3	-52.3
1933	C	1300.8	1700.0	399.2	30.7
1934	C	500.0	821.1	321.1	64.2
1935	BN	1497.6	800.0	-697.6	-46.6
1936	BN	5150.9	5610.7	459.8	8.9
1937	BN	1675.7	1700.0	24.3	1.5
1938	W	3020.1	2754.9	-265.2	-8.8
1939	D	1452.7	1700.0	247.3	17.0
1940	AN	3547.2	2882.0	-665.2	-18.8
1941	W	5596.8	5668.5	71.7	1.3
1942	W	9165.3	9149.8	-15.5	-0.2
1943	W	10594.3	10692.4	98.0	0.9
1944	D	1454.0	1700.0	246.0	16.9
1945	BN	1420.7	1750.0	329.3	23.2
1946	BN	5086.9	5050.1	-36.8	-0.7
1947	D	1458.2	1750.0	291.8	20.0
1948	BN	1222.9	1441.4	218.5	17.9
1949	D	1465.1	1750.0	284.9	19.4
1950	BN	2998.3	1700.0	-1298.3	-43.3
1951	AN	10934.7	10232.6	-702.1	-6.4
1952	W	8907.6	8932.8	25.2	0.3
1953	W	6982.1	7131.6	149.5	2.1
1954	AN	1911.6	1841.1	-70.5	-3.7
1955	D	1818.6	1750.0	-68.6	-3.8
1956	W	17057.3	16490.0	-567.2	-3.3
1957	AN	1453.5	1700.0	246.5	17.0
1958	W	2312.4	2693.9	381.5	16.5
1959	BN	1807.2	1700.0	-107.2	-5.9
1960	D	1264.9	800.0	-464.9	-36.8
1961	D	1188.9	1601.8	412.9	34.7
1962	BN	1446.1	800.0	-646.1	-44.7
1963	W	3495.3	3875.7	380.4	10.9
1964	D	2286.2	2502.6	216.4	9.5
1965	W	16285.1	13013.8	-3271.4	-20.1
1966	BN	1918.9	1924.1	5.2	0.3
1967	W	6767.5	6777.4	9.9	0.1
1968	BN	1896.8	1996.9	100.1	5.3
1969	W	14363.9	14495.3	131.4	0.9
1970	W	19204.6	20950.6	1746.0	9.1
1971	W	4625.1	4704.5	79.4	1.7
1972	BN	1959.0	1927.0	-32.0	-1.6
1973	AN	9127.7	8476.3	-651.4	-7.1
1974	W	10519.8	11590.4	1070.5	10.2
1975	W	1886.6	1750.0	-136.6	-7.2
1976	C	1453.7	1750.0	296.3	20.4
1977	C	500.0	800.0	300.0	60.0
1978	AN	2422.9	2027.6	-395.3	-16.3
1979	BN	1735.5	1700.0	-35.5	-2.0
1980	AN	15641.9	16914.1	1272.2	8.1
1981	D	1453.5	1700.0	246.5	17.0
1982	W	9228.8	8126.2	-1102.6	-11.9
1983	W	7321.9	7515.7	193.8	2.6
1984	W	6867.2	6617.3	-249.9	-3.6
1985	D	1952.0	1750.0	-202.0	-10.3
1986	W	2742.5	2642.1	-100.4	-3.7
1987	D	1459.5	1700.0	240.5	16.5
1988	C	1150.0	1421.3	271.3	23.6
1989	D	1570.7	800.0	-770.7	-49.1
1990	C	1678.0	1597.8	-80.2	-4.8
1991	C	500.0	1120.4	620.4	124.1
1992	C	500.0	800.0	300.0	60.0
1993	AN	4368.4	3317.4	-1051.1	-24.1
	Mean:	4088.3	4046.5	-41.8	3.5
	Median:	1904.2	1750.0	24.8	0.6
	Min:	500.0	800.0	-3271.4	-52.3
	Max:	19204.6	20950.6	1746.0	124.1

Lower American River Flow Below Nimbus Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6390.5	4928.2	-1462.3	-22.9
1923	BN	2968.4	2964.1	-4.3	-0.1
1924	C	500.0	1445.0	945.0	189.0
1925	D	5117.8	4569.7	-548.1	-10.7
1926	D	2255.9	1445.0	-810.9	-35.9
1927	W	13495.8	13372.4	-123.4	-0.9
1928	AN	1940.9	2214.0	273.1	14.1
1929	C	526.8	1487.5	960.7	182.4
1930	D	1825.9	1083.9	-742.0	-40.6
1931	C	1610.5	1286.0	-324.5	-20.1
1932	D	4239.7	2946.1	-1293.6	-30.5
1933	C	500.0	1445.0	945.0	189.0
1934	C	1745.1	821.1	-924.0	-52.9
1935	BN	1971.8	800.0	-1171.8	-59.4
1936	BN	13987.3	13427.9	-559.5	-4.0
1937	BN	3405.2	2721.6	-683.6	-20.1
1938	W	9747.0	9680.8	-66.2	-0.7
1939	D	1811.2	1445.0	-366.2	-20.2
1940	AN	10868.8	10490.1	-378.7	-3.5
1941	W	8050.8	7936.0	-114.7	-1.4
1942	W	10108.7	9895.6	-213.1	-2.1
1943	W	7030.2	7116.6	86.4	1.2
1944	D	1819.4	1445.0	-374.4	-20.6
1945	BN	8985.4	8590.2	-395.2	-4.4
1946	BN	3261.7	3482.3	220.6	6.8
1947	D	1869.3	1750.0	-119.3	-6.4
1948	BN	1711.7	1441.4	-270.3	-15.8
1949	D	1853.5	1559.7	-293.8	-15.9
1950	BN	5774.8	5492.6	-282.2	-4.9
1951	AN	8330.9	8236.2	-94.8	-1.1
1952	W	10323.1	9503.1	-820.0	-7.9
1953	W	2340.9	2234.4	-106.5	-4.5
1954	AN	3071.6	3363.9	292.3	9.5
1955	D	2241.7	2212.8	-28.8	-1.3
1956	W	7433.0	6256.9	-1176.1	-15.8
1957	AN	3054.1	3190.8	136.7	4.5
1958	W	10292.8	9998.8	-294.0	-2.9
1959	BN	2501.8	2952.3	450.6	18.0
1960	D	1368.6	800.0	-568.6	-41.5
1961	D	500.0	1361.5	861.5	172.3
1962	BN	2359.5	800.0	-1559.5	-66.1
1963	W	10576.4	11772.4	1196.0	11.3
1964	D	2241.9	1750.0	-491.9	-21.9
1965	W	5527.1	5439.4	-87.7	-1.6
1966	BN	1963.8	1853.4	-110.4	-5.6
1967	W	4670.0	4362.4	-307.6	-6.6
1968	BN	6047.2	6729.6	682.4	11.3
1969	W	10292.0	9200.3	-1091.6	-10.6
1970	W	7622.8	6175.1	-1447.7	-19.0
1971	W	4081.9	3923.9	-158.0	-3.9
1972	BN	2980.9	3024.9	43.9	1.5
1973	AN	7165.1	7088.0	-77.1	-1.1
1974	W	4877.6	4446.1	-431.5	-8.8
1975	W	3141.2	3719.1	577.9	18.4
1976	C	621.0	1487.5	866.5	139.5
1977	C	500.0	800.0	300.0	60.0
1978	AN	5118.9	4832.0	-286.9	-5.6
1979	BN	2661.0	2944.2	283.1	10.6
1980	AN	16284.4	13362.9	-2921.5	-17.9
1981	D	1893.7	1700.0	-193.7	-10.2
1982	W	15827.0	15287.6	-539.4	-3.4
1983	W	12818.5	12326.0	-492.5	-3.8
1984	W	6400.0	5748.4	-651.6	-10.2
1985	D	1887.8	1750.0	-137.8	-7.3
1986	W	30675.9	32815.6	2139.6	7.0
1987	D	611.9	1445.0	833.1	136.1
1988	C	1351.8	1421.3	69.5	5.1
1989	D	1552.5	2480.1	927.7	59.8
1990	C	1203.9	1492.0	288.1	23.9
1991	C	500.0	952.4	452.4	90.5
1992	C	500.0	800.0	300.0	60.0
1993	AN	6651.0	6058.8	-592.3	-8.9
	Mean:	5103.3	4935.9	-167.5	10.3
	Median:	3062.9	2994.5	-147.9	-3.7
	Min:	500.0	800.0	-2921.5	-66.1
	Max:	30675.9	32815.6	2139.6	189.0

Lower American River Flow Below Nimbus Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3511.4	3271.8	-239.6	-6.8
1923	BN	2603.9	1750.0	-853.9	-32.8
1924	C	720.9	1119.8	398.9	55.3
1925	D	5000.0	5000.0	0.0	0.0
1926	D	1691.9	996.5	-695.4	-41.1
1927	W	5004.2	4463.9	-540.3	-10.8
1928	AN	11821.0	12669.6	848.6	7.2
1929	C	775.1	1487.5	712.4	91.9
1930	D	1811.5	2228.0	416.5	23.0
1931	C	1207.9	902.5	-305.4	-25.3
1932	D	2682.5	2084.2	-598.3	-22.3
1933	C	1603.2	1445.0	-158.2	-9.9
1934	C	1878.6	1675.6	-203.1	-10.8
1935	BN	1478.9	1750.0	271.1	18.3
1936	BN	4504.4	4066.8	-437.5	-9.7
1937	BN	4408.1	4336.5	-71.6	-1.6
1938	W	11136.3	10921.7	-214.6	-1.9
1939	D	971.6	800.0	-171.6	-17.7
1940	AN	10195.6	10696.5	500.9	4.9
1941	W	4934.5	4731.6	-202.8	-4.1
1942	W	2744.2	2331.7	-412.5	-15.0
1943	W	12106.2	12453.5	347.3	2.9
1944	D	1364.6	1750.0	385.4	28.2
1945	BN	2248.1	1905.4	-342.7	-15.2
1946	BN	2329.4	2029.0	-300.3	-12.9
1947	D	2057.4	1393.9	-663.6	-32.3
1948	BN	768.2	1750.0	981.8	127.8
1949	D	2342.4	2454.8	112.4	4.8
1950	BN	3383.0	2996.0	-387.0	-11.4
1951	AN	3317.8	3674.6	356.8	10.8
1952	W	6790.5	6081.9	-708.6	-10.4
1953	W	1755.7	1750.0	-5.7	-0.3
1954	AN	4295.5	4319.4	23.9	0.6
1955	D	1309.4	1750.0	440.6	33.6
1956	W	2385.4	1750.0	-635.4	-26.6
1957	AN	4415.2	4339.2	-76.1	-1.7
1958	W	7353.4	6590.0	-763.5	-10.4
1959	BN	1697.3	1556.3	-141.0	-8.3
1960	D	3701.9	3673.0	-28.8	-0.8
1961	D	744.8	1043.0	298.2	40.0
1962	BN	2012.0	1750.0	-262.0	-13.0
1963	W	3332.9	1937.7	-1395.1	-41.9
1964	D	1116.6	1750.0	633.4	56.7
1965	W	1885.7	1963.1	77.3	4.1
1966	BN	1507.8	1076.9	-430.9	-28.6
1967	W	6415.1	5969.5	-445.6	-6.9
1968	BN	2073.8	2053.2	-20.6	-1.0
1969	W	4199.0	3649.2	-549.8	-13.1
1970	W	2170.3	2296.7	126.3	5.8
1971	W	3362.8	3340.6	-22.2	-0.7
1972	BN	3712.5	4014.8	302.3	8.1
1973	AN	3529.8	3343.7	-186.2	-5.3
1974	W	9341.6	9237.7	-103.9	-1.1
1975	W	4681.8	4517.6	-164.1	-3.5
1976	C	726.5	800.0	73.5	10.1
1977	C	507.0	335.3	-171.8	-33.9
1978	AN	5733.7	5939.3	205.6	3.6
1979	BN	3288.4	3294.1	5.7	0.2
1980	AN	3421.0	3458.7	37.6	1.1
1981	D	996.1	841.8	-154.3	-15.5
1982	W	7315.9	7548.9	233.0	3.2
1983	W	16459.6	16333.3	-126.3	-0.8
1984	W	1986.9	2452.5	465.6	23.4
1985	D	1246.0	1553.9	307.9	24.7
1986	W	13799.9	10972.1	-2827.8	-20.5
1987	D	815.6	800.0	-15.6	-1.9
1988	C	1138.3	800.0	-338.3	-29.7
1989	D	6606.3	7978.1	1371.9	20.8
1990	C	843.5	1133.2	289.7	34.3
1991	C	513.7	952.4	438.6	85.4
1992	C	1086.3	375.4	-710.9	-65.4
1993	AN	7640.5	7427.9	-212.6	-2.8
	Mean:	3729.4	3637.3	-92.1	1.5
	Median:	2494.6	2262.3	-90.0	-1.7
	Min:	507.0	335.3	-2827.8	-65.4
	Max:	16459.6	16333.3	1371.9	127.8

Lower American River Flow Below Nimbus Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4851.1	4290.6	-560.4	-11.6
1923	BN	3970.7	4387.5	416.8	10.5
1924	C	643.1	800.0	156.9	24.4
1925	D	2434.6	1750.0	-684.6	-28.1
1926	D	2593.2	2580.4	-12.8	-0.5
1927	W	8306.9	7670.2	-636.6	-7.7
1928	AN	5293.2	4574.4	-718.8	-13.6
1929	C	2407.1	1487.5	-919.6	-38.2
1930	D	1575.2	1750.0	174.8	11.1
1931	C	1430.7	902.5	-528.2	-36.9
1932	D	2078.3	1750.0	-328.3	-15.8
1933	C	3546.4	2658.1	-888.2	-25.0
1934	C	3318.1	3385.8	67.7	2.0
1935	BN	7643.7	5664.2	-1979.5	-25.9
1936	BN	5910.4	5374.2	-536.2	-9.1
1937	BN	4596.3	4178.4	-417.9	-9.1
1938	W	8317.8	7790.4	-527.5	-6.3
1939	D	1363.7	1574.6	210.9	15.5
1940	AN	6458.6	5761.8	-696.8	-10.8
1941	W	4053.6	3616.7	-436.9	-10.8
1942	W	6423.7	5886.4	-537.3	-8.4
1943	W	5278.7	4820.8	-457.9	-8.7
1944	D	1770.8	1750.0	-20.8	-1.2
1945	BN	2709.0	2176.9	-532.1	-19.6
1946	BN	4243.3	3569.1	-674.3	-15.9
1947	D	2964.0	2488.6	-475.3	-16.0
1948	BN	2643.9	1750.0	-893.9	-33.8
1949	D	3613.0	3190.0	-423.0	-11.7
1950	BN	5112.1	4591.8	-520.3	-10.2
1951	AN	2846.5	2812.5	-34.0	-1.2
1952	W	9784.5	8554.1	-1230.4	-12.6
1953	W	3221.4	2459.2	-762.2	-23.7
1954	AN	4652.2	4291.5	-360.7	-7.8
1955	D	1476.1	1750.0	273.9	18.6
1956	W	2368.4	2358.3	-10.1	-0.4
1957	AN	2471.0	2017.6	-453.3	-18.3
1958	W	11054.6	10217.4	-837.2	-7.6
1959	BN	1420.8	986.3	-434.5	-30.6
1960	D	3551.9	3339.5	-212.3	-6.0
1961	D	1750.0	1043.0	-707.0	-40.4
1962	BN	4204.9	2899.1	-1305.8	-31.1
1963	W	6309.9	6122.9	-187.0	-3.0
1964	D	1941.1	1750.0	-191.1	-9.8
1965	W	4782.3	4614.7	-167.6	-3.5
1966	BN	1837.8	1831.6	-6.3	-0.3
1967	W	5479.0	3823.7	-1655.2	-30.2
1968	BN	1835.9	1442.8	-393.1	-21.4
1969	W	7361.8	6358.8	-1003.0	-13.6
1970	W	1908.7	1750.0	-158.7	-8.3
1971	W	3499.4	3011.0	-488.4	-14.0
1972	BN	1903.0	1750.0	-153.0	-8.0
1973	AN	2803.5	2323.1	-480.3	-17.1
1974	W	7140.5	6002.2	-1138.3	-15.9
1975	W	3000.0	2013.5	-986.5	-32.9
1976	C	651.3	800.0	148.7	22.8
1977	C	500.0	308.8	-191.2	-38.2
1978	AN	4571.2	3586.9	-984.3	-21.5
1979	BN	2254.6	1804.7	-449.9	-20.0
1980	AN	2628.8	2417.9	-210.9	-8.0
1981	D	1751.4	841.8	-909.6	-51.9
1982	W	14142.8	14279.5	136.7	1.0
1983	W	7994.9	6408.8	-1586.1	-19.8
1984	W	2251.9	2044.3	-207.6	-9.2
1985	D	3053.0	1661.8	-1391.2	-45.6
1986	W	2339.5	2480.5	141.0	6.0
1987	D	2077.9	941.4	-1136.6	-54.7
1988	C	776.7	800.0	23.3	3.0
1989	D	4817.2	3167.5	-1649.7	-34.2
1990	C	2266.9	2298.9	31.9	1.4
1991	C	1245.5	1316.2	70.7	5.7
1992	C	2979.8	3174.4	194.6	6.5
1993	AN	4959.2	3459.6	-1499.6	-30.2
	Mean:	3825.3	3326.2	-499.1	-13.0
	Median:	2989.9	2534.5	-455.6	-10.8
	Min:	500.0	308.8	-1979.5	-54.7
	Max:	14142.8	14279.5	416.8	24.4

Lower American River Flow Below Nimbus Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9664.8	9180.1	-484.7	-5.0
1923	BN	4215.2	4280.8	65.6	1.6
1924	C	745.8	800.0	54.2	7.3
1925	D	4328.3	3594.0	-734.4	-17.0
1926	D	2094.0	1932.7	-161.3	-7.7
1927	W	4343.7	4498.2	154.4	3.6
1928	AN	2858.0	2557.2	-300.8	-10.5
1929	C	1504.7	1487.5	-17.2	-1.1
1930	D	1783.1	1750.0	-33.1	-1.9
1931	C	634.7	902.5	267.8	42.2
1932	D	3280.2	2999.8	-280.4	-8.5
1933	C	611.6	1445.0	833.4	136.3
1934	C	1077.8	912.4	-165.4	-15.3
1935	BN	4781.8	4322.1	-459.8	-9.6
1936	BN	3288.3	3777.0	488.7	14.9
1937	BN	3648.4	3666.4	18.0	0.5
1938	W	9465.0	9354.5	-110.5	-1.2
1939	D	1431.2	800.0	-631.2	-44.1
1940	AN	3359.0	2924.9	-434.1	-12.9
1941	W	4983.6	4763.9	-219.7	-4.4
1942	W	6598.6	6454.7	-143.9	-2.2
1943	W	3000.0	2333.0	-667.0	-22.2
1944	D	2546.1	1750.0	-796.1	-31.3
1945	BN	3530.2	3224.7	-305.5	-8.7
1946	BN	3403.7	3414.7	11.0	0.3
1947	D	2006.9	1393.8	-613.0	-30.5
1948	BN	4366.3	2281.5	-2084.8	-47.7
1949	D	3000.0	2216.1	-783.9	-26.1
1950	BN	3457.2	3826.9	369.7	10.7
1951	AN	3932.8	3275.7	-657.1	-16.7
1952	W	10297.0	11163.9	866.9	8.4
1953	W	3255.4	2633.4	-622.0	-19.1
1954	AN	3000.0	2403.2	-596.8	-19.9
1955	D	2578.1	1750.0	-828.1	-32.1
1956	W	6453.1	6646.5	193.3	3.0
1957	AN	2628.5	2429.8	-198.7	-7.6
1958	W	9375.6	9787.5	411.9	4.4
1959	BN	1939.7	986.3	-953.4	-49.2
1960	D	2134.2	1741.8	-392.4	-18.4
1961	D	1874.5	1043.0	-831.5	-44.4
1962	BN	3000.0	1750.0	-1250.0	-41.7
1963	W	7113.3	6837.3	-276.1	-3.9
1964	D	1852.2	1750.0	-102.2	-5.5
1965	W	4151.1	3794.5	-356.5	-8.6
1966	BN	2406.0	1076.9	-1329.0	-55.2
1967	W	8170.1	8166.2	-3.9	0.0
1968	BN	1766.2	1442.8	-323.4	-18.3
1969	W	8196.5	8936.7	740.2	9.0
1970	W	3000.0	1750.0	-1250.0	-41.7
1971	W	3391.1	2801.1	-590.0	-17.4
1972	BN	2107.2	1750.0	-357.2	-17.0
1973	AN	4216.6	4067.9	-148.7	-3.5
1974	W	4512.1	4611.0	98.8	2.2
1975	W	5416.6	4940.6	-476.0	-8.8
1976	C	896.2	800.0	-96.2	-10.7
1977	C	500.0	296.0	-204.0	-40.8
1978	AN	4029.5	3258.3	-771.2	-19.1
1979	BN	4111.4	4037.0	-74.4	-1.8
1980	AN	3254.3	2710.9	-543.4	-16.7
1981	D	2081.2	841.8	-1239.4	-59.6
1982	W	9729.9	9135.3	-594.6	-6.1
1983	W	9693.1	10250.1	556.9	5.7
1984	W	2854.2	2265.6	-588.6	-20.6
1985	D	2366.7	1553.9	-812.9	-34.3
1986	W	2896.9	2586.4	-310.5	-10.7
1987	D	1389.3	800.0	-589.3	-42.4
1988	C	1760.5	800.0	-960.5	-54.6
1989	D	3573.8	2646.7	-927.1	-25.9
1990	C	952.8	1133.2	180.4	18.9
1991	C	1741.7	952.4	-789.4	-45.3
1992	C	1678.2	613.8	-1064.4	-63.4
1993	AN	4901.5	5110.0	208.6	4.3
	Mean:	3683.2	3335.7	-347.4	-12.7
	Median:	3127.1	2571.8	-317.0	-10.1
	Min:	500.0	296.0	-2084.8	-63.4
	Max:	10297.0	11163.9	866.9	136.3

Lower American River Flow Below Nimbus Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8958.4	9073.2	114.9	1.3
1923	BN	3218.4	2565.7	-652.7	-20.3
1924	C	1536.2	1180.0	-356.2	-23.2
1925	D	5000.0	5000.0	0.0	0.0
1926	D	4424.2	3560.9	-863.2	-19.5
1927	W	5191.7	5036.3	-155.4	-3.0
1928	AN	3144.6	2383.0	-761.6	-24.2
1929	C	2623.4	1170.0	-1453.4	-55.4
1930	D	2169.9	2937.8	767.9	35.4
1931	C	2155.7	641.4	-1514.2	-70.2
1932	D	5000.0	5000.0	0.0	0.0
1933	C	3002.1	2593.6	-408.5	-13.6
1934	C	2113.2	2123.1	9.9	0.5
1935	BN	3883.2	3331.2	-552.0	-14.2
1936	BN	4683.9	4495.0	-189.0	-4.0
1937	BN	4187.6	3729.8	-457.8	-10.9
1938	W	8391.5	8553.1	161.7	1.9
1939	D	2285.6	2336.0	50.4	2.2
1940	AN	2484.1	1997.7	-486.3	-19.6
1941	W	3408.3	3184.7	-223.6	-6.6
1942	W	6655.9	6992.3	336.4	5.1
1943	W	3095.9	2692.1	-403.8	-13.0
1944	D	2953.7	2500.9	-452.8	-15.3
1945	BN	3726.8	3337.2	-389.6	-10.5
1946	BN	3507.7	3303.4	-204.3	-5.8
1947	D	2400.0	1894.9	-505.1	-21.0
1948	BN	4632.8	4847.5	214.7	4.6
1949	D	4251.9	3898.0	-353.9	-8.3
1950	BN	4105.4	3726.1	-379.3	-9.2
1951	AN	2665.0	1750.0	-915.0	-34.3
1952	W	9816.4	10161.5	345.1	3.5
1953	W	5801.2	5969.4	168.2	2.9
1954	AN	2422.5	2078.6	-344.0	-14.2
1955	D	3856.4	2944.5	-911.8	-23.6
1956	W	6005.0	5566.1	-438.9	-7.3
1957	AN	3949.1	3593.5	-355.6	-9.0
1958	W	7184.3	7434.4	250.1	3.5
1959	BN	1773.8	2648.5	874.7	49.3
1960	D	3182.8	2727.3	-455.4	-14.3
1961	D	1421.9	951.3	-470.6	-33.1
1962	BN	1994.9	1995.2	0.3	0.0
1963	W	3398.6	3051.3	-347.4	-10.2
1964	D	2726.8	1750.0	-976.8	-35.8
1965	W	3456.7	3027.6	-429.1	-12.4
1966	BN	2840.4	3033.8	193.4	6.8
1967	W	9240.6	10174.7	934.1	10.1
1968	BN	2248.1	2477.8	229.6	10.2
1969	W	6376.1	6293.8	-82.3	-1.3
1970	W	2013.4	1750.0	-263.4	-13.1
1971	W	4744.9	4664.6	-80.4	-1.7
1972	BN	5000.0	5000.0	0.0	0.0
1973	AN	4164.6	3919.1	-245.5	-5.9
1974	W	4187.5	3874.0	-313.5	-7.5
1975	W	5823.5	5980.3	156.8	2.7
1976	C	697.4	800.0	102.6	14.7
1977	C	443.3	340.4	-102.9	-23.2
1978	AN	4537.1	3795.5	-741.7	-16.3
1979	BN	5000.0	5000.0	0.0	0.0
1980	AN	3298.9	2903.7	-395.2	-12.0
1981	D	1824.3	3510.2	1686.0	92.4
1982	W	6280.7	5817.2	-463.4	-7.4
1983	W	13709.5	14127.0	417.5	3.0
1984	W	3386.7	2760.3	-626.4	-18.5
1985	D	3195.5	3171.1	-24.4	-0.8
1986	W	3681.5	2990.1	-691.4	-18.8
1987	D	2106.1	1756.9	-349.2	-16.6
1988	C	1478.6	800.0	-678.6	-45.9
1989	D	3515.1	3836.8	321.7	9.2
1990	C	2183.6	1133.2	-1050.4	-48.1
1991	C	2066.5	1750.0	-316.5	-15.3
1992	C	1187.3	1626.1	438.7	36.9
1993	AN	5162.3	5108.8	-53.5	-1.0
	Mean:	3933.9	3724.0	-209.9	-7.2
	Median:	3432.5	3111.2	-288.5	-7.5
	Min:	443.3	340.4	-1514.2	-70.2
	Max:	13709.5	14127.0	1686.0	92.4

Lower American River Flow Below Nimbus Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4075.4	3894.6	-180.7	-4.4
1923	BN	5000.0	5000.0	0.0	0.0
1924	C	1168.8	975.4	-193.4	-16.5
1925	D	5000.0	5000.0	0.0	0.0
1926	D	2449.6	2919.4	469.8	19.2
1927	W	5000.0	5000.0	0.0	0.0
1928	AN	4198.1	4154.0	-44.1	-1.1
1929	C	2138.6	1170.0	-968.6	-45.3
1930	D	5000.0	3252.1	-1747.9	-35.0
1931	C	1330.4	808.0	-522.5	-39.3
1932	D	5000.0	5000.0	0.0	0.0
1933	C	2946.8	2028.5	-918.3	-31.2
1934	C	1481.2	1372.4	-108.9	-7.4
1935	BN	5000.0	5000.0	0.0	0.0
1936	BN	5000.0	5000.0	0.0	0.0
1937	BN	5000.0	5000.0	0.0	0.0
1938	W	3102.6	3123.0	20.4	0.7
1939	D	2231.4	2267.0	35.6	1.6
1940	AN	5000.0	5000.0	0.0	0.0
1941	W	2778.9	2842.1	63.2	2.3
1942	W	5000.0	4219.0	-781.0	-15.6
1943	W	5000.0	5000.0	0.0	0.0
1944	D	2974.5	2590.6	-383.9	-12.9
1945	BN	5000.0	5000.0	0.0	0.0
1946	BN	5000.0	5000.0	0.0	0.0
1947	D	2713.2	2132.1	-581.1	-21.4
1948	BN	4482.3	4255.8	-226.5	-5.1
1949	D	4269.8	4300.3	30.4	0.7
1950	BN	5000.0	5000.0	0.0	0.0
1951	AN	5000.0	5000.0	0.0	0.0
1952	W	4448.3	4095.4	-352.9	-7.9
1953	W	5000.0	5000.0	0.0	0.0
1954	AN	3592.8	3541.3	-51.5	-1.4
1955	D	2787.7	2779.3	-8.4	-0.3
1956	W	3323.4	2808.3	-515.2	-15.5
1957	AN	5000.0	5000.0	0.0	0.0
1958	W	2721.4	2774.4	53.1	2.0
1959	BN	5000.0	5000.0	0.0	0.0
1960	D	2934.1	2234.0	-700.1	-23.9
1961	D	4273.1	3878.7	-394.4	-9.2
1962	BN	5000.0	5000.0	0.0	0.0
1963	W	5000.0	5000.0	0.0	0.0
1964	D	3519.9	3170.7	-349.2	-9.9
1965	W	5000.0	5000.0	0.0	0.0
1966	BN	2911.3	2258.6	-652.7	-22.4
1967	W	3693.2	3739.4	46.2	1.3
1968	BN	4169.0	4273.6	104.6	2.5
1969	W	4668.9	3846.6	-822.3	-17.6
1970	W	5000.0	5000.0	0.0	0.0
1971	W	5000.0	5000.0	0.0	0.0
1972	BN	5000.0	5000.0	0.0	0.0
1973	AN	5000.0	4942.5	-57.5	-1.2
1974	W	3178.2	3016.3	-161.9	-5.1
1975	W	3306.2	3963.3	657.1	19.9
1976	C	2263.5	1190.3	-1073.2	-47.4
1977	C	676.4	1251.3	574.9	85.0
1978	AN	5000.0	5000.0	0.0	0.0
1979	BN	4684.2	3570.2	-1114.0	-23.8
1980	AN	3144.7	3248.9	104.2	3.3
1981	D	3303.1	2722.6	-580.5	-17.6
1982	W	2870.4	2926.4	55.9	1.9
1983	W	5827.5	5708.9	-118.6	-2.0
1984	W	5119.5	5000.0	-119.5	-2.3
1985	D	2660.6	3188.6	528.0	19.8
1986	W	5000.0	5000.0	0.0	0.0
1987	D	2040.7	1453.2	-587.5	-28.8
1988	C	1226.0	800.0	-426.0	-34.7
1989	D	4766.3	3400.8	-1365.6	-28.7
1990	C	2164.5	1407.3	-757.2	-35.0
1991	C	3302.2	2860.0	-442.2	-13.4
1992	C	1020.4	1127.1	106.6	10.4
1993	AN	5000.0	5000.0	0.0	0.0
	Mean:	3846.4	3645.6	-200.8	-5.7
	Median:	4271.5	3886.7	0.0	0.0
	Min:	676.4	800.0	-1747.9	-47.4
	Max:	5827.5	5708.9	657.1	85.0

Lower American River Flow Below Nimbus Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4803.4	2204.5	-2598.9	-54.1
1923	BN	2668.4	1750.0	-918.4	-34.4
1924	C	500.0	731.2	231.2	46.2
1925	D	3328.2	1750.0	-1578.2	-47.4
1926	D	1736.6	1855.6	119.0	6.9
1927	W	1708.9	1750.0	41.1	2.4
1928	AN	2028.8	2190.7	161.8	8.0
1929	C	1836.6	1170.0	-666.6	-36.3
1930	D	1813.6	1750.0	-63.6	-3.5
1931	C	966.0	641.4	-324.6	-33.6
1932	D	3704.3	3221.2	-483.1	-13.0
1933	C	1818.9	1750.0	-68.9	-3.8
1934	C	978.6	1453.5	474.9	48.5
1935	BN	2997.7	2825.6	-172.0	-5.7
1936	BN	2689.8	3302.2	612.4	22.8
1937	BN	3561.3	3140.2	-421.2	-11.8
1938	W	4630.2	5000.0	369.8	8.0
1939	D	869.5	1229.2	359.7	41.4
1940	AN	1925.3	2207.4	282.1	14.7
1941	W	4791.7	4724.4	-67.4	-1.4
1942	W	2411.0	2774.7	363.7	15.1
1943	W	1764.5	1750.0	-14.5	-0.8
1944	D	2297.2	1762.0	-535.2	-23.3
1945	BN	1688.7	2166.9	478.2	28.3
1946	BN	1577.5	1750.0	172.5	10.9
1947	D	1244.4	1734.7	490.3	39.4
1948	BN	2401.6	1840.9	-560.7	-23.3
1949	D	1437.6	1756.6	319.0	22.2
1950	BN	1991.1	2443.7	452.6	22.7
1951	AN	2385.8	1750.0	-635.8	-26.6
1952	W	3501.9	4420.3	918.4	26.2
1953	W	2884.6	2321.3	-563.2	-19.5
1954	AN	2387.5	1750.0	-637.5	-26.7
1955	D	2055.0	1750.0	-305.0	-14.8
1956	W	2139.7	3979.4	1839.7	86.0
1957	AN	3142.4	2245.5	-896.9	-28.5
1958	W	2695.4	4059.4	1364.0	50.6
1959	BN	511.8	986.3	474.5	92.7
1960	D	1554.7	1741.8	187.1	12.0
1961	D	505.9	951.3	445.5	88.1
1962	BN	1718.6	1750.0	31.4	1.8
1963	W	3000.0	1750.1	-1249.9	-41.7
1964	D	1726.5	2761.5	1035.1	60.0
1965	W	1858.3	1750.0	-108.3	-5.8
1966	BN	719.2	1135.9	416.7	57.9
1967	W	3173.9	4005.8	831.9	26.2
1968	BN	1277.1	1442.8	165.7	13.0
1969	W	4702.5	4647.2	-55.3	-1.2
1970	W	1817.5	1778.3	-39.2	-2.2
1971	W	2200.2	1750.0	-450.2	-20.5
1972	BN	997.7	1750.0	752.3	75.4
1973	AN	1516.9	1750.0	233.1	15.4
1974	W	3000.0	4018.9	1018.9	34.0
1975	W	2286.9	2482.2	195.3	8.5
1976	C	500.0	800.0	300.0	60.0
1977	C	366.7	1193.5	826.8	225.5
1978	AN	4758.1	3784.8	-973.2	-20.5
1979	BN	1335.8	1895.1	559.2	41.9
1980	AN	2251.4	3585.8	1334.4	59.3
1981	D	1096.6	841.8	-254.8	-23.2
1982	W	4320.6	5000.0	679.4	15.7
1983	W	2543.7	4676.8	2133.1	83.9
1984	W	1632.4	3324.4	1692.0	103.6
1985	D	1991.9	1862.2	-129.7	-6.5
1986	W	2042.1	3944.7	1902.7	93.2
1987	D	588.3	882.5	294.2	50.0
1988	C	1105.2	800.0	-305.2	-27.6
1989	D	1613.4	1776.1	162.7	10.1
1990	C	946.8	1165.1	218.4	23.1
1991	C	3100.8	1955.7	-1145.1	-36.9
1992	C	842.0	736.9	-105.1	-12.5
1993	AN	3000.0	2005.1	-994.9	-33.2
	Mean:	2138.4	2244.2	105.8	15.4
	Median:	1958.2	1769.0	164.2	8.3
	Min:	366.7	641.4	-2598.9	-54.1
	Max:	4803.4	5000.0	2133.1	225.5

Lower American River Flow Below Nimbus Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1622.2	3579.3	1957.1	120.6
1923	BN	1668.1	3134.6	1466.5	87.9
1924	C	1380.8	1440.9	60.1	4.4
1925	D	582.2	1611.9	1029.6	176.8
1926	D	1306.5	996.5	-310.0	-23.7
1927	W	1312.3	2896.2	1583.9	120.7
1928	AN	573.8	1533.3	959.6	167.2
1929	C	1229.9	1170.0	-59.9	-4.9
1930	D	568.3	1533.3	965.0	169.8
1931	C	1077.6	678.7	-398.9	-37.0
1932	D	1750.0	1533.3	-216.7	-12.4
1933	C	1259.1	1533.3	274.3	21.8
1934	C	987.6	800.0	-187.6	-19.0
1935	BN	1750.0	1543.9	-206.1	-11.8
1936	BN	2326.8	2409.3	82.5	3.5
1937	BN	1678.9	1832.3	153.4	9.1
1938	W	1945.7	2857.6	911.9	46.9
1939	D	987.0	800.0	-187.0	-18.9
1940	AN	1750.0	1533.3	-216.7	-12.4
1941	W	2500.0	2060.7	-439.3	-17.6
1942	W	1750.0	3860.5	2110.5	120.6
1943	W	2031.8	3149.0	1117.3	55.0
1944	D	714.0	1650.1	936.1	131.1
1945	BN	1987.4	1663.4	-324.0	-16.3
1946	BN	749.5	1535.8	786.3	104.9
1947	D	1719.2	1393.8	-325.4	-18.9
1948	BN	1704.9	3514.0	1809.1	106.1
1949	D	1750.0	1642.3	-107.7	-6.2
1950	BN	1750.0	2286.4	536.4	30.7
1951	AN	1685.7	1630.7	-55.0	-3.3
1952	W	2500.0	4129.6	1629.6	65.2
1953	W	2500.0	3824.8	1324.8	53.0
1954	AN	1839.7	1533.3	-306.4	-16.7
1955	D	561.5	1533.3	971.8	173.1
1956	W	1750.0	3845.8	2095.8	119.8
1957	AN	2500.0	1533.3	-966.7	-38.7
1958	W	2245.0	3894.0	1649.0	73.5
1959	BN	515.4	986.3	470.9	91.4
1960	D	1458.0	1594.5	136.5	9.4
1961	D	549.6	951.3	401.7	73.1
1962	BN	1750.0	1533.3	-216.7	-12.4
1963	W	2500.0	2468.9	-31.1	-1.2
1964	D	2050.1	1822.8	-227.4	-11.1
1965	W	1312.4	3689.6	2377.2	181.1
1966	BN	1533.8	1076.9	-456.9	-29.8
1967	W	1862.6	4068.7	2206.1	118.4
1968	BN	577.4	1442.8	865.4	149.9
1969	W	1750.0	1729.6	-20.4	-1.2
1970	W	1750.0	2416.9	666.9	38.1
1971	W	1352.7	3312.2	1959.5	144.9
1972	BN	543.6	1533.3	989.7	182.1
1973	AN	1750.0	1533.3	-216.7	-12.4
1974	W	2500.0	3965.8	1465.8	58.6
1975	W	2245.6	3754.7	1509.2	67.2
1976	C	583.6	800.0	216.4	37.1
1977	C	413.3	330.9	-82.4	-19.9
1978	AN	2500.0	1533.3	-966.7	-38.7
1979	BN	1028.8	1839.9	811.2	78.9
1980	AN	1786.1	3538.3	1752.2	98.1
1981	D	604.2	841.8	237.6	39.3
1982	W	1834.1	3292.5	1458.4	79.5
1983	W	2521.4	4768.1	2246.7	89.1
1984	W	1750.0	1546.8	-203.2	-11.6
1985	D	1609.0	1848.8	239.8	14.9
1986	W	1750.0	1533.3	-216.7	-12.4
1987	D	841.0	830.7	-10.3	-1.2
1988	C	495.6	800.0	304.4	61.4
1989	D	733.5	1533.3	799.8	109.0
1990	C	1448.7	1133.2	-315.5	-21.8
1991	C	1349.8	1533.3	183.6	13.6
1992	C	488.0	471.4	-16.6	-3.4
1993	AN	2500.0	3253.3	753.3	30.1
	Mean:	1503.2	2047.3	544.1	45.7
	Median:	1682.3	1570.6	257.1	30.4
	Min:	413.3	330.9	-966.7	-38.7
	Max:	2521.4	4768.1	2377.2	182.1

Lower American River Flow at Watt Ave

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1589.7	1542.6	-47.0	-3.0
1923	BN	1722.6	1729.2	6.5	0.4
1924	C	3437.5	1839.1	-1598.4	-46.5
1925	D	1295.9	886.8	-409.1	-31.6
1926	D	2020.6	1821.2	-199.4	-9.9
1927	W	1873.8	1084.3	-789.5	-42.1
1928	AN	3883.2	1765.1	-2118.1	-54.5
1929	C	1704.7	1440.7	-264.0	-15.5
1930	D	1695.0	1029.3	-665.6	-39.3
1931	C	2277.8	2297.5	19.7	0.9
1932	D	1330.2	2406.1	1075.9	80.9
1933	C	2784.2	2341.6	-442.6	-15.9
1934	C	1682.9	852.5	-830.5	-49.3
1935	BN	2092.6	2512.3	419.7	20.1
1936	BN	2796.3	2157.3	-639.0	-22.9
1937	BN	2772.5	1722.5	-1050.0	-37.9
1938	W	1696.0	1444.6	-251.4	-14.8
1939	D	2519.2	1448.8	-1070.4	-42.5
1940	AN	1714.0	1182.5	-531.5	-31.0
1941	W	2744.4	1975.2	-769.2	-28.0
1942	W	1897.7	1457.4	-440.2	-23.2
1943	W	2619.2	1423.6	-1195.6	-45.6
1944	D	3544.7	1981.1	-1563.6	-44.1
1945	BN	2629.3	1660.4	-968.9	-36.8
1946	BN	2772.3	1997.2	-775.1	-28.0
1947	D	4097.5	2219.7	-1877.7	-45.8
1948	BN	1728.0	1422.3	-305.7	-17.7
1949	D	2357.9	1433.0	-924.9	-39.2
1950	BN	1719.5	1438.1	-281.4	-16.4
1951	AN	4597.8	2537.5	-2060.3	-44.8
1952	W	2215.1	1472.3	-742.7	-33.5
1953	W	3098.9	1416.5	-1682.4	-54.3
1954	AN	2238.0	1427.1	-810.9	-36.2
1955	D	1686.4	1439.0	-247.4	-14.7
1956	W	1800.6	1752.0	-48.6	-2.7
1957	AN	4333.4	1448.2	-2885.2	-66.6
1958	W	1714.8	1473.2	-241.6	-14.1
1959	BN	3652.9	1423.4	-2229.6	-61.0
1960	D	1703.9	744.6	-959.3	-56.3
1961	D	1689.7	1438.5	-251.2	-14.9
1962	BN	608.6	746.9	138.3	22.7
1963	W	4136.1	4569.2	433.1	10.5
1964	D	1709.9	1460.1	-249.8	-14.6
1965	W	3026.3	2171.2	-855.1	-28.3
1966	BN	4511.8	1912.4	-2599.4	-57.6
1967	W	1688.9	1443.0	-245.9	-14.6
1968	BN	3891.3	1423.5	-2467.8	-63.4
1969	W	2123.8	1005.7	-1118.1	-52.6
1970	W	1730.4	1455.4	-275.0	-15.9
1971	W	1851.3	1452.6	-398.7	-21.5
1972	BN	2573.1	1428.3	-1144.8	-44.5
1973	AN	1739.3	1088.1	-651.1	-37.4
1974	W	1719.6	1471.6	-248.1	-14.4
1975	W	3002.7	1435.8	-1566.9	-52.2
1976	C	3525.8	1468.4	-2057.4	-58.4
1977	C	1750.7	749.9	-1000.8	-57.2
1978	AN	1089.2	469.4	-619.8	-56.9
1979	BN	1680.8	1439.2	-241.6	-14.4
1980	AN	1734.4	1477.0	-257.4	-14.8
1981	D	3797.3	2017.7	-1779.6	-46.9
1982	W	1743.0	1488.1	-254.9	-14.6
1983	W	4687.8	1910.3	-2777.5	-59.2
1984	W	6635.7	1420.6	-5215.0	-78.6
1985	D	2016.8	1466.7	-550.1	-27.3
1986	W	2381.8	1443.9	-937.8	-39.4
1987	D	2996.1	1442.5	-1553.7	-51.9
1988	C	1708.7	1380.3	-328.4	-19.2
1989	D	619.4	749.9	130.5	21.1
1990	C	2281.7	1473.2	-808.6	-35.4
1991	C	1694.6	1265.5	-429.0	-25.3
1992	C	1958.2	761.8	-1196.4	-61.1
1993	AN	647.4	780.9	133.5	20.6
	Mean:	2402.7	1546.6	-856.1	-28.9
	Median:	2018.7	1448.5	-658.4	-31.3
	Min:	608.6	469.4	-5215.0	-78.6
	Max:	6635.7	4569.2	1075.9	80.9

Lower American River Flow at Watt Ave

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1864.1	1886.6	22.5	1.2
1923	BN	3413.1	2475.1	-937.9	-27.5
1924	C	2615.8	1867.2	-748.7	-28.6
1925	D	461.0	766.9	305.8	66.3
1926	D	2058.6	1882.4	-176.2	-8.6
1927	W	606.2	1159.1	552.9	91.2
1928	AN	4590.0	3135.3	-1454.7	-31.7
1929	C	1920.9	1672.7	-248.2	-12.9
1930	D	1692.0	1024.9	-667.1	-39.4
1931	C	2122.6	1723.1	-399.6	-18.8
1932	D	584.2	770.7	186.5	31.9
1933	C	3537.0	2310.3	-1226.7	-34.7
1934	C	1482.7	1074.1	-408.6	-27.6
1935	BN	508.7	804.9	296.2	58.2
1936	BN	2488.8	1876.1	-612.7	-24.6
1937	BN	2407.8	1859.8	-548.0	-22.8
1938	W	1948.9	1926.1	-22.8	-1.2
1939	D	4573.9	2313.4	-2260.5	-49.4
1940	AN	2014.9	1156.0	-858.9	-42.6
1941	W	2754.3	2080.2	-674.1	-24.5
1942	W	3463.9	2489.1	-974.8	-28.1
1943	W	6931.4	4246.4	-2685.0	-38.7
1944	D	2933.3	1872.5	-1060.8	-36.2
1945	BN	2121.4	1932.8	-188.6	-8.9
1946	BN	4145.3	3368.8	-776.5	-18.7
1947	D	2650.5	3427.4	776.9	29.3
1948	BN	1775.3	1407.8	-367.5	-20.7
1949	D	3803.1	2047.7	-1755.4	-46.2
1950	BN	1906.5	1882.4	-24.0	-1.3
1951	AN	15870.8	16574.7	703.9	4.4
1952	W	3299.9	3265.4	-34.5	-1.0
1953	W	5337.7	2576.0	-2761.7	-51.7
1954	AN	4273.5	2710.9	-1562.6	-36.6
1955	D	1874.5	1919.4	44.9	2.4
1956	W	1834.7	1648.1	-186.6	-10.2
1957	AN	4919.4	2464.8	-2454.6	-49.9
1958	W	1906.1	1870.7	-35.4	-1.9
1959	BN	5058.1	2008.5	-3049.6	-60.3
1960	D	1551.9	746.6	-805.3	-51.9
1961	D	1773.6	1589.2	-184.4	-10.4
1962	BN	606.2	795.3	189.1	31.2
1963	W	5585.1	4184.5	-1400.6	-25.1
1964	D	5290.3	4824.8	-465.5	-8.8
1965	W	1675.8	1549.0	-126.8	-7.6
1966	BN	4210.2	2559.7	-1650.5	-39.2
1967	W	1837.7	1788.1	-49.5	-2.7
1968	BN	5725.0	2987.1	-2737.9	-47.8
1969	W	1815.6	1059.8	-755.8	-41.6
1970	W	3583.3	2654.1	-929.2	-25.9
1971	W	2110.6	1755.1	-355.5	-16.8
1972	BN	4732.5	2484.8	-2247.8	-47.5
1973	AN	1909.2	1148.2	-761.0	-39.9
1974	W	8209.5	6383.0	-1826.5	-22.2
1975	W	4953.4	2065.2	-2888.2	-58.3
1976	C	5574.8	3692.5	-1882.3	-33.8
1977	C	1786.9	758.3	-1028.7	-57.6
1978	AN	502.9	494.4	-8.5	-1.7
1979	BN	1936.3	1927.8	-8.5	-0.4
1980	AN	2564.1	1897.6	-666.5	-26.0
1981	D	5014.2	1860.4	-3153.8	-62.9
1982	W	3964.6	4430.6	466.0	11.8
1983	W	9103.7	7968.4	-1135.3	-12.5
1984	W	15834.9	15780.1	-54.8	-0.3
1985	D	6142.4	3973.6	-2168.9	-35.3
1986	W	606.2	1534.6	928.4	153.2
1987	D	2971.8	1869.0	-1102.8	-37.1
1988	C	1727.3	1399.5	-327.8	-19.0
1989	D	491.2	788.5	297.3	60.5
1990	C	2227.7	2041.6	-186.1	-8.4
1991	C	1609.6	1270.5	-339.1	-21.1
1992	C	1715.0	766.7	-948.3	-55.3
1993	AN	482.0	749.7	267.7	55.5
	Mean:	3299.7	2545.2	-754.4	-14.2
	Median:	2317.7	1884.5	-580.4	-21.7
	Min:	461.0	494.4	-3153.8	-62.9
	Max:	15870.8	16574.7	928.4	153.2

Lower American River Flow at Watt Ave

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1773.7	2050.2	276.5	15.6
1923	BN	6672.6	6870.8	198.2	3.0
1924	C	2795.4	1948.6	-846.8	-30.3
1925	D	549.1	836.1	287.0	52.3
1926	D	1860.9	1969.8	108.8	5.8
1927	W	1385.5	1066.2	-319.2	-23.0
1928	AN	2167.6	2233.9	66.3	3.1
1929	C	1724.8	1736.5	11.7	0.7
1930	D	1524.9	1111.4	-413.5	-27.1
1931	C	1655.1	1721.9	66.8	4.0
1932	D	606.9	903.1	296.2	48.8
1933	C	1700.9	1977.3	276.3	16.2
1934	C	606.0	866.1	260.1	42.9
1935	BN	606.0	792.5	186.6	30.8
1936	BN	2251.9	1968.2	-283.8	-12.6
1937	BN	2222.0	1992.5	-229.5	-10.3
1938	W	6126.8	4829.1	-1297.7	-21.2
1939	D	1893.9	1954.5	60.6	3.2
1940	AN	606.0	1174.2	568.3	93.8
1941	W	4492.3	4276.9	-215.3	-4.8
1942	W	5404.6	5592.4	187.8	3.5
1943	W	4421.9	4606.3	184.5	4.2
1944	D	1920.6	1969.8	49.2	2.6
1945	BN	1868.8	1976.2	107.4	5.7
1946	BN	8737.3	8805.8	68.5	0.8
1947	D	1918.9	1967.8	48.9	2.5
1948	BN	1583.4	1397.5	-185.9	-11.7
1949	D	1972.2	2005.7	33.5	1.7
1950	BN	1722.7	1966.5	243.8	14.2
1951	AN	16458.4	16009.3	-449.1	-2.7
1952	W	5543.7	5793.7	249.9	4.5
1953	W	2164.0	2616.3	452.2	20.9
1954	AN	1881.6	1939.8	58.2	3.1
1955	D	1714.6	2020.1	305.5	17.8
1956	W	14958.7	14664.6	-294.2	-2.0
1957	AN	1862.6	1935.2	72.6	3.9
1958	W	1787.8	1987.6	199.9	11.2
1959	BN	1912.8	1949.0	36.2	1.9
1960	D	606.0	771.0	165.0	27.2
1961	D	1540.1	1558.3	18.2	1.2
1962	BN	606.0	792.2	186.2	30.7
1963	W	3093.8	3278.1	184.3	6.0
1964	D	1887.2	1918.5	31.3	1.7
1965	W	16584.5	19050.3	2465.8	14.9
1966	BN	1906.3	1983.7	77.5	4.1
1967	W	1923.2	2567.5	644.2	33.5
1968	BN	1897.9	1945.4	47.5	2.5
1969	W	1635.3	1057.9	-577.4	-35.3
1970	W	5291.5	5592.5	301.0	5.7
1971	W	5912.3	5041.7	-870.6	-14.7
1972	BN	2488.4	2785.9	297.5	12.0
1973	AN	2606.4	1104.8	-1501.6	-57.6
1974	W	7228.2	7192.7	-35.5	-0.5
1975	W	1947.1	1992.6	45.5	2.3
1976	C	1871.7	1932.6	60.9	3.3
1977	C	1584.6	759.6	-824.9	-52.1
1978	AN	549.1	550.4	1.4	0.3
1979	BN	1823.6	1955.1	131.5	7.2
1980	AN	1961.6	2010.4	48.7	2.5
1981	D	1889.9	1979.5	89.6	4.7
1982	W	14447.3	14195.5	-251.8	-1.7
1983	W	8944.7	9014.7	70.0	0.8
1984	W	14935.2	14915.0	-20.2	-0.1
1985	D	2258.9	2421.6	162.7	7.2
1986	W	1700.6	1482.8	-217.8	-12.8
1987	D	1927.5	1956.7	29.3	1.5
1988	C	1558.2	1449.1	-109.2	-7.0
1989	D	1706.7	801.9	-904.7	-53.0
1990	C	2172.7	1814.0	-358.7	-16.5
1991	C	606.0	1283.4	677.5	111.8
1992	C	1534.5	788.6	-745.8	-48.6
1993	AN	606.0	863.7	257.7	42.5
	Mean:	3337.4	3337.4	0.0	4.1
	Median:	1895.9	1968.0	60.8	2.8
	Min:	549.1	550.4	-1501.6	-57.6
	Max:	16584.5	19050.3	2465.8	111.8

Lower American River Flow at Watt Ave

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1320.3	1771.2	450.9	34.2
1923	BN	4481.7	4437.6	-44.2	-1.0
1924	C	1710.4	1691.4	-19.0	-1.1
1925	D	1515.0	767.7	-747.3	-49.3
1926	D	1849.5	1687.0	-162.5	-8.8
1927	W	3690.6	3403.4	-287.2	-7.8
1928	AN	1983.2	1770.5	-212.7	-10.7
1929	C	1302.8	1708.2	405.5	31.1
1930	D	1149.7	1109.7	-39.9	-3.5
1931	C	1290.0	1514.9	224.9	17.4
1932	D	1663.4	779.1	-884.3	-53.2
1933	C	1313.0	1709.8	396.8	30.2
1934	C	484.1	799.9	315.9	65.3
1935	BN	1545.5	844.2	-701.3	-45.4
1936	BN	5150.1	5612.3	462.2	9.0
1937	BN	1675.3	1701.6	26.3	1.6
1938	W	2975.7	2721.9	-253.8	-8.5
1939	D	1480.9	1670.7	189.9	12.8
1940	AN	3645.1	2970.1	-674.9	-18.5
1941	W	5623.4	5686.8	63.3	1.1
1942	W	9207.0	9123.7	-83.3	-0.9
1943	W	10701.8	10713.4	11.6	0.1
1944	D	1491.1	1682.1	191.0	12.8
1945	BN	1375.4	1702.8	327.4	23.8
1946	BN	5025.1	4941.9	-83.2	-1.7
1947	D	1422.6	1694.8	272.2	19.1
1948	BN	1177.3	1397.5	220.2	18.7
1949	D	1493.3	1717.5	224.2	15.0
1950	BN	3018.3	1717.9	-1300.4	-43.1
1951	AN	10846.0	10098.5	-747.4	-6.9
1952	W	9008.6	9003.9	-4.7	-0.1
1953	W	7048.6	7125.1	76.5	1.1
1954	AN	1947.7	1833.0	-114.7	-5.9
1955	D	1846.3	1751.6	-94.7	-5.1
1956	W	17008.1	16443.4	-564.6	-3.3
1957	AN	1483.3	1677.3	193.9	13.1
1958	W	2394.7	2713.4	318.7	13.3
1959	BN	1918.9	1729.3	-189.6	-9.9
1960	D	1288.0	819.8	-468.2	-36.4
1961	D	1176.3	1589.0	412.7	35.1
1962	BN	1422.4	772.6	-649.8	-45.7
1963	W	3487.1	3865.9	378.8	10.9
1964	D	2359.4	2507.7	148.3	6.3
1965	W	16172.3	12879.3	-3293.0	-20.4
1966	BN	1925.7	1898.2	-27.5	-1.4
1967	W	6847.9	6852.1	4.2	0.1
1968	BN	1978.1	2005.1	27.0	1.4
1969	W	14490.7	14627.2	136.5	0.9
1970	W	19284.0	20977.8	1693.9	8.8
1971	W	4559.5	4632.4	72.9	1.6
1972	BN	1922.3	1873.1	-49.3	-2.6
1973	AN	9224.9	8576.7	-648.2	-7.0
1974	W	10519.5	11546.6	1027.1	9.8
1975	W	1905.9	1693.1	-212.8	-11.2
1976	C	1455.7	1693.2	237.5	16.3
1977	C	460.9	771.0	310.1	67.3
1978	AN	2552.3	2156.9	-395.3	-15.5
1979	BN	1770.7	1734.1	-36.6	-2.1
1980	AN	15682.9	16954.7	1271.8	8.1
1981	D	1515.6	1724.4	208.7	13.8
1982	W	9157.8	8051.8	-1106.0	-12.1
1983	W	7413.6	7494.8	81.2	1.1
1984	W	6829.4	6445.9	-383.6	-5.6
1985	D	1956.5	1697.2	-259.3	-13.3
1986	W	2772.2	2646.5	-125.7	-4.5
1987	D	1505.2	1678.8	173.6	11.5
1988	C	1158.9	1431.2	272.2	23.5
1989	D	1524.4	764.5	-759.9	-49.8
1990	C	1721.2	1603.7	-117.5	-6.8
1991	C	461.3	1071.1	609.7	132.2
1992	C	469.7	779.1	309.4	65.9
1993	AN	4487.8	3431.5	-1056.3	-23.5
	Mean:	4107.3	4037.1	-70.2	2.7
	Median:	1924.0	1761.1	-0.3	0.0
	Min:	460.9	764.5	-3293.0	-53.2
	Max:	19284.0	20977.8	1693.9	132.2

Lower American River Flow at Watt Ave

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6523.7	5042.7	-1481.0	-22.7
1923	BN	3007.5	2959.2	-48.3	-1.6
1924	C	600.6	1491.9	891.3	148.4
1925	D	5158.1	4620.5	-537.7	-10.4
1926	D	2381.8	1512.7	-869.1	-36.5
1927	W	13598.0	13407.3	-190.7	-1.4
1928	AN	2012.5	2184.5	172.0	8.5
1929	C	566.9	1450.3	883.4	155.8
1930	D	1799.6	1051.3	-748.3	-41.6
1931	C	1627.2	1265.5	-361.6	-22.2
1932	D	4225.2	2942.9	-1282.3	-30.3
1933	C	459.9	1401.1	941.1	204.6
1934	C	1761.0	829.9	-931.0	-52.9
1935	BN	1926.1	764.3	-1161.8	-60.3
1936	BN	14056.9	13493.1	-563.8	-4.0
1937	BN	3469.5	2785.7	-683.8	-19.7
1938	W	9845.2	9769.1	-76.1	-0.8
1939	D	1850.3	1399.3	-451.1	-24.4
1940	AN	10935.8	10563.4	-372.4	-3.4
1941	W	8114.9	7945.6	-169.3	-2.1
1942	W	10141.9	9828.3	-313.6	-3.1
1943	W	7031.5	7003.5	-28.0	-0.4
1944	D	1974.5	1517.3	-457.1	-23.2
1945	BN	9051.5	8612.4	-439.1	-4.9
1946	BN	3282.1	3408.2	126.2	3.8
1947	D	1903.0	1725.4	-177.6	-9.3
1948	BN	1707.2	1406.6	-300.5	-17.6
1949	D	1909.0	1526.1	-382.9	-20.1
1950	BN	5795.8	5495.5	-300.3	-5.2
1951	AN	8329.8	8126.8	-203.0	-2.4
1952	W	10294.0	9405.4	-888.7	-8.6
1953	W	2316.6	2114.4	-202.2	-8.7
1954	AN	3142.9	3361.8	219.0	7.0
1955	D	2259.9	2173.8	-86.1	-3.8
1956	W	7316.2	6097.7	-1218.5	-16.7
1957	AN	3147.7	3200.9	53.3	1.7
1958	W	10439.0	10053.3	-385.6	-3.7
1959	BN	2628.5	2975.0	346.5	13.2
1960	D	1394.0	814.2	-579.8	-41.6
1961	D	473.4	1329.3	856.0	180.8
1962	BN	2460.2	910.1	-1550.0	-63.0
1963	W	10587.8	11741.7	1153.9	10.9
1964	D	2264.0	1680.9	-583.1	-25.8
1965	W	5367.1	5274.4	-92.7	-1.7
1966	BN	1996.5	1821.8	-174.7	-8.8
1967	W	4564.2	4256.6	-307.6	-6.7
1968	BN	6118.0	6707.0	589.0	9.6
1969	W	10267.3	9136.5	-1130.8	-11.0
1970	W	7496.9	5944.5	-1552.5	-20.7
1971	W	4050.6	3829.5	-221.1	-5.5
1972	BN	2994.6	2987.4	-7.2	-0.2
1973	AN	7200.2	7079.1	-121.1	-1.7
1974	W	4830.7	4299.4	-531.3	-11.0
1975	W	3298.0	3777.3	479.2	14.5
1976	C	657.1	1437.7	780.6	118.8
1977	C	467.6	760.7	293.1	62.7
1978	AN	5120.0	4836.9	-283.1	-5.5
1979	BN	2676.2	2959.7	283.5	10.6
1980	AN	16257.3	13292.6	-2964.6	-18.2
1981	D	1915.7	1650.7	-265.0	-13.8
1982	W	15825.8	15218.3	-607.5	-3.8
1983	W	12969.1	12327.1	-642.0	-5.0
1984	W	6473.6	5648.8	-824.9	-12.7
1985	D	1942.0	1718.2	-223.8	-11.5
1986	W	30862.8	32938.9	2076.2	6.7
1987	D	707.5	1442.5	735.0	103.9
1988	C	1324.9	1371.0	46.1	3.5
1989	D	1506.2	2444.4	938.2	62.3
1990	C	1277.4	1492.3	214.9	16.8
1991	C	504.7	942.8	438.2	86.8
1992	C	597.4	890.7	293.3	49.1
1993	AN	6669.3	6087.2	-582.0	-8.7
	Mean:	5134.9	4916.2	-218.7	7.5
	Median:	3145.3	2981.2	-222.5	-3.9
	Min:	459.9	760.7	-2964.6	-63.0
	Max:	30862.8	32938.9	2076.2	204.6

Lower American River Flow at Watt Ave

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3538.7	3299.0	-239.7	-6.8
1923	BN	2648.7	1761.6	-887.1	-33.5
1924	C	802.5	1147.0	344.5	42.9
1925	D	4940.1	4944.9	4.7	0.1
1926	D	1706.3	941.3	-765.1	-44.8
1927	W	4952.1	4325.2	-626.8	-12.7
1928	AN	11937.1	12702.9	765.8	6.4
1929	C	849.6	1477.0	627.3	73.8
1930	D	1845.8	2229.5	383.7	20.8
1931	C	1232.9	873.0	-359.9	-29.2
1932	D	2607.6	2020.5	-587.0	-22.5
1933	C	1604.9	1432.0	-172.9	-10.8
1934	C	1820.6	1628.4	-192.2	-10.6
1935	BN	1488.9	1773.1	284.3	19.1
1936	BN	4358.8	3926.2	-432.6	-9.9
1937	BN	4456.8	4387.1	-69.7	-1.6
1938	W	11132.3	10874.0	-258.4	-2.3
1939	D	1045.8	791.9	-253.9	-24.3
1940	AN	10150.6	10631.8	481.2	4.7
1941	W	4955.5	4675.0	-280.4	-5.7
1942	W	2777.1	2248.4	-528.7	-19.0
1943	W	12191.5	12407.8	216.3	1.8
1944	D	1411.4	1711.0	299.6	21.2
1945	BN	2241.1	1841.1	-400.0	-17.8
1946	BN	2399.1	1991.9	-407.1	-17.0
1947	D	2129.2	1396.1	-733.1	-34.4
1948	BN	825.5	1758.1	932.7	113.0
1949	D	2472.3	2497.7	25.4	1.0
1950	BN	3386.2	2944.2	-442.0	-13.1
1951	AN	3344.9	3573.5	228.6	6.8
1952	W	6822.4	6023.1	-799.3	-11.7
1953	W	1829.5	1715.9	-113.6	-6.2
1954	AN	4369.6	4307.4	-62.1	-1.4
1955	D	1320.1	1688.0	367.9	27.9
1956	W	2379.3	1650.4	-728.9	-30.6
1957	AN	4472.3	4307.6	-164.7	-3.7
1958	W	7394.7	6539.4	-855.3	-11.6
1959	BN	1741.9	1502.2	-239.7	-13.8
1960	D	3720.9	3652.2	-68.7	-1.8
1961	D	779.6	1029.1	249.4	32.0
1962	BN	1995.2	1735.7	-259.5	-13.0
1963	W	3321.7	1852.2	-1469.5	-44.2
1964	D	1166.3	1708.4	542.1	46.5
1965	W	1907.8	1893.2	-14.6	-0.8
1966	BN	1526.1	1019.7	-506.3	-33.2
1967	W	6437.5	5959.0	-478.6	-7.4
1968	BN	2115.6	1992.2	-123.3	-5.8
1969	W	4183.4	3553.0	-630.4	-15.1
1970	W	2227.3	2232.4	5.1	0.2
1971	W	3404.7	3301.2	-103.5	-3.0
1972	BN	3712.5	3944.0	231.6	6.2
1973	AN	3559.9	3288.2	-271.7	-7.6
1974	W	9451.3	9236.6	-214.8	-2.3
1975	W	4790.8	4520.5	-270.3	-5.6
1976	C	788.4	760.6	-27.8	-3.5
1977	C	487.3	309.6	-177.7	-36.5
1978	AN	5738.9	5947.1	208.1	3.6
1979	BN	3266.4	3269.6	3.2	0.1
1980	AN	3373.8	3347.2	-26.6	-0.8
1981	D	1082.6	851.0	-231.7	-21.4
1982	W	7359.8	7493.1	133.3	1.8
1983	W	16614.7	16347.3	-267.4	-1.6
1984	W	2078.4	2385.4	307.0	14.8
1985	D	1334.5	1548.0	213.5	16.0
1986	W	13692.6	10772.7	-2920.0	-21.3
1987	D	939.7	813.0	-126.7	-13.5
1988	C	1136.1	746.5	-389.6	-34.3
1989	D	6690.6	8025.9	1335.3	20.0
1990	C	886.1	1088.9	202.8	22.9
1991	C	664.3	1062.0	397.8	59.9
1992	C	1095.8	379.0	-716.9	-65.4
1993	AN	7580.5	7373.0	-207.5	-2.7
	Mean:	3759.7	3602.5	-157.1	-2.4
	Median:	2539.9	2231.0	-168.8	-3.6
	Min:	487.3	309.6	-2920.0	-65.4
	Max:	16614.7	16347.3	1335.3	113.0

Lower American River Flow at Watt Ave

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4898.2	4320.9	-577.3	-11.8
1923	BN	4087.6	4476.2	388.7	9.5
1924	C	706.2	820.2	114.0	16.1
1925	D	2386.6	1691.1	-695.5	-29.1
1926	D	2707.1	2615.4	-91.7	-3.4
1927	W	8388.2	7623.6	-764.6	-9.1
1928	AN	5272.3	4480.2	-792.0	-15.0
1929	C	2464.7	1480.1	-984.6	-39.9
1930	D	1600.3	1704.2	103.8	6.5
1931	C	1451.5	850.3	-601.1	-41.4
1932	D	2030.3	1707.3	-323.0	-15.9
1933	C	3484.2	2597.6	-886.6	-25.4
1934	C	3258.7	3328.1	69.5	2.1
1935	BN	7685.4	5703.3	-1982.1	-25.8
1936	BN	5848.3	5316.0	-532.2	-9.1
1937	BN	4568.5	4110.2	-458.3	-10.0
1938	W	8281.3	7668.1	-613.3	-7.4
1939	D	1404.0	1523.0	119.0	8.5
1940	AN	6402.7	5626.4	-776.3	-12.1
1941	W	4145.3	3600.8	-544.5	-13.1
1942	W	6580.2	5902.5	-677.7	-10.3
1943	W	5306.6	4712.5	-594.1	-11.2
1944	D	1842.2	1720.5	-121.8	-6.6
1945	BN	2745.2	2116.1	-629.1	-22.9
1946	BN	4296.5	3506.7	-789.8	-18.4
1947	D	2991.1	2433.6	-557.5	-18.6
1948	BN	2735.9	1757.3	-978.7	-35.8
1949	D	3643.7	3118.6	-525.1	-14.4
1950	BN	5142.9	4539.4	-603.5	-11.7
1951	AN	2924.9	2745.7	-179.2	-6.1
1952	W	9822.3	8468.9	-1353.4	-13.8
1953	W	3308.7	2439.6	-869.1	-26.3
1954	AN	4702.6	4240.3	-462.3	-9.8
1955	D	1534.2	1725.4	191.2	12.5
1956	W	2447.3	2328.9	-118.4	-4.8
1957	AN	2520.6	1962.9	-557.7	-22.1
1958	W	11148.7	10189.8	-958.8	-8.6
1959	BN	1485.6	969.4	-516.3	-34.8
1960	D	3557.8	3275.5	-282.3	-7.9
1961	D	1770.4	1001.3	-769.1	-43.4
1962	BN	4194.4	2842.4	-1352.0	-32.2
1963	W	6400.3	6120.9	-279.4	-4.4
1964	D	1978.2	1690.1	-288.1	-14.6
1965	W	4883.4	4613.6	-269.7	-5.5
1966	BN	1868.8	1784.5	-84.4	-4.5
1967	W	5522.1	3801.4	-1720.8	-31.2
1968	BN	1891.2	1380.5	-510.7	-27.0
1969	W	7429.0	6307.4	-1121.6	-15.1
1970	W	1991.2	1682.1	-309.2	-15.5
1971	W	3528.7	2941.9	-586.9	-16.6
1972	BN	1927.7	1693.2	-234.6	-12.2
1973	AN	2841.6	2249.2	-592.4	-20.8
1974	W	7163.3	5896.4	-1266.9	-17.7
1975	W	3044.5	1943.8	-1100.7	-36.2
1976	C	690.3	768.5	78.3	11.3
1977	C	452.5	272.2	-180.3	-39.8
1978	AN	4525.8	3539.6	-986.2	-21.8
1979	BN	2212.7	1749.4	-463.4	-20.9
1980	AN	2710.1	2360.2	-349.9	-12.9
1981	D	1798.7	797.7	-1001.0	-55.7
1982	W	14271.6	14257.1	-14.5	-0.1
1983	W	8042.9	6284.7	-1758.2	-21.9
1984	W	2357.6	2005.7	-351.9	-14.9
1985	D	3105.8	1601.9	-1503.9	-48.4
1986	W	2347.0	2352.4	5.4	0.2
1987	D	2132.9	889.7	-1243.2	-58.3
1988	C	818.4	792.0	-26.3	-3.2
1989	D	4772.7	3052.9	-1719.8	-36.0
1990	C	2317.5	2252.9	-64.6	-2.8
1991	C	1263.3	1269.6	6.3	0.5
1992	C	2950.2	3151.1	200.8	6.8
1993	AN	4854.4	3355.3	-1499.1	-30.9
	Mean:	3859.3	3279.1	-580.1	-15.9
	Median:	3017.8	2518.6	-551.0	-14.1
	Min:	452.5	272.2	-1982.1	-58.3
	Max:	14271.6	14257.1	388.7	16.1

Lower American River Flow at Watt Ave

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9651.1	9149.1	-502.0	-5.2
1923	BN	4228.8	4261.5	32.7	0.8
1924	C	710.7	746.9	36.2	5.1
1925	D	4288.0	3555.8	-732.2	-17.1
1926	D	2110.8	1868.9	-241.9	-11.5
1927	W	4318.9	4388.4	69.6	1.6
1928	AN	2857.4	2510.2	-347.3	-12.2
1929	C	1469.6	1426.6	-43.0	-2.9
1930	D	1763.3	1693.7	-69.6	-3.9
1931	C	593.4	868.2	274.8	46.3
1932	D	3225.9	2948.4	-277.6	-8.6
1933	C	549.2	1390.4	841.2	153.2
1934	C	1009.3	843.3	-166.0	-16.4
1935	BN	4668.9	4226.5	-442.4	-9.5
1936	BN	3198.9	3692.3	493.4	15.4
1937	BN	3579.0	3584.1	5.1	0.1
1938	W	9425.3	9249.1	-176.2	-1.9
1939	D	1413.9	761.3	-652.6	-46.2
1940	AN	3311.2	2835.7	-475.5	-14.4
1941	W	5036.4	4714.2	-322.2	-6.4
1942	W	6651.9	6384.8	-267.1	-4.0
1943	W	3035.6	2272.9	-762.7	-25.1
1944	D	2539.6	1698.5	-841.1	-33.1
1945	BN	3515.4	3169.5	-345.9	-9.8
1946	BN	3376.7	3347.2	-29.5	-0.9
1947	D	1971.6	1327.7	-643.8	-32.7
1948	BN	4400.0	2256.0	-2144.0	-48.7
1949	D	2971.2	2152.0	-819.2	-27.6
1950	BN	3418.0	3745.7	327.7	9.6
1951	AN	3942.1	3223.2	-718.9	-18.2
1952	W	10250.6	11043.3	792.7	7.7
1953	W	3245.2	2570.8	-674.4	-20.8
1954	AN	2991.4	2323.1	-668.3	-22.3
1955	D	2557.9	1695.3	-862.7	-33.7
1956	W	6463.2	6599.4	136.2	2.1
1957	AN	2665.2	2400.6	-264.6	-9.9
1958	W	9372.0	9663.7	291.7	3.1
1959	BN	1919.6	930.5	-989.1	-51.5
1960	D	2089.1	1676.5	-412.5	-19.7
1961	D	1829.5	989.7	-839.8	-45.9
1962	BN	2918.1	1678.7	-1239.4	-42.5
1963	W	7118.1	6750.7	-367.5	-5.2
1964	D	1805.1	1695.3	-109.8	-6.1
1965	W	4130.6	3706.5	-424.0	-10.3
1966	BN	2358.9	1018.2	-1340.7	-56.8
1967	W	8159.9	8087.1	-72.9	-0.9
1968	BN	1762.0	1389.1	-372.8	-21.2
1969	W	8154.0	8833.6	679.6	8.3
1970	W	2995.1	1687.2	-1307.9	-43.7
1971	W	3360.2	2745.2	-614.9	-18.3
1972	BN	2079.7	1693.8	-385.9	-18.6
1973	AN	4201.1	4000.2	-200.9	-4.8
1974	W	4502.1	4511.4	9.3	0.2
1975	W	5417.0	4875.6	-541.3	-10.0
1976	C	852.7	748.3	-104.5	-12.3
1977	C	477.0	284.8	-192.2	-40.3
1978	AN	3942.2	3179.6	-762.6	-19.3
1979	BN	4048.2	3977.0	-71.2	-1.8
1980	AN	3274.9	2648.8	-626.0	-19.1
1981	D	2065.1	794.1	-1271.0	-61.5
1982	W	9703.3	8963.0	-740.3	-7.6
1983	W	9762.3	10154.0	391.7	4.0
1984	W	2859.6	2201.6	-658.0	-23.0
1985	D	2341.5	1491.8	-849.8	-36.3
1986	W	2957.4	2519.4	-438.0	-14.8
1987	D	1368.1	747.0	-621.0	-45.4
1988	C	1744.7	762.9	-981.8	-56.3
1989	D	3515.1	2573.5	-941.6	-26.8
1990	C	948.4	1109.4	161.0	17.0
1991	C	1689.6	898.1	-791.5	-46.8
1992	C	1604.4	538.2	-1066.2	-66.5
1993	AN	4828.8	5050.5	221.7	4.6
	Mean:	3660.6	3270.8	-389.7	-13.9
	Median:	3117.3	2514.8	-379.4	-11.9
	Min:	477.0	284.8	-2144.0	-66.5
	Max:	10250.6	11043.3	841.2	153.2

Lower American River Flow at Watt Ave

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8853.3	8944.4	91.1	1.0
1923	BN	3179.0	2492.0	-687.0	-21.6
1924	C	1483.4	1126.5	-357.0	-24.1
1925	D	4918.4	4925.0	6.6	0.1
1926	D	4390.2	3494.4	-895.9	-20.4
1927	W	5168.8	4956.9	-211.9	-4.1
1928	AN	3113.4	2312.3	-801.1	-25.7
1929	C	2578.9	1125.9	-1453.0	-56.3
1930	D	2104.2	2872.8	768.5	36.5
1931	C	2126.0	606.0	-1519.9	-71.5
1932	D	4922.8	4925.4	2.5	0.1
1933	C	2953.1	2531.5	-421.7	-14.3
1934	C	2062.8	2076.2	13.4	0.6
1935	BN	3791.2	3243.2	-548.0	-14.5
1936	BN	4610.4	4416.9	-193.4	-4.2
1937	BN	4110.5	3652.7	-457.9	-11.1
1938	W	8295.3	8419.7	124.4	1.5
1939	D	2223.3	2282.7	59.4	2.7
1940	AN	2420.0	1922.4	-497.6	-20.6
1941	W	3388.6	3092.6	-296.0	-8.7
1942	W	6644.4	6885.0	240.6	3.6
1943	W	3092.5	2625.2	-467.3	-15.1
1944	D	2891.5	2440.9	-450.5	-15.6
1945	BN	3667.9	3270.6	-397.3	-10.8
1946	BN	3440.1	3223.4	-216.7	-6.3
1947	D	2344.2	1844.9	-499.3	-21.3
1948	BN	4603.2	4787.8	184.6	4.0
1949	D	4180.1	3828.9	-351.2	-8.4
1950	BN	4036.6	3644.1	-392.5	-9.7
1951	AN	2606.8	1671.3	-935.6	-35.9
1952	W	9729.4	10020.1	290.8	3.0
1953	W	5748.8	5906.6	157.8	2.7
1954	AN	2381.0	2011.2	-369.8	-15.5
1955	D	3783.6	2879.6	-904.0	-23.9
1956	W	5922.0	5456.8	-465.2	-7.9
1957	AN	3924.4	3522.4	-402.0	-10.2
1958	W	7151.3	7302.2	151.0	2.1
1959	BN	1706.7	2591.2	884.5	51.8
1960	D	3114.2	2662.5	-451.7	-14.5
1961	D	1355.7	892.8	-462.9	-34.1
1962	BN	1918.8	1930.3	11.5	0.6
1963	W	3344.9	2940.5	-404.4	-12.1
1964	D	2667.6	1691.7	-975.8	-36.6
1965	W	3392.5	2944.3	-448.2	-13.2
1966	BN	2771.0	2976.6	205.6	7.4
1967	W	9172.2	10066.8	894.7	9.8
1968	BN	2194.0	2420.6	226.6	10.3
1969	W	6284.3	6167.3	-117.0	-1.9
1970	W	1951.7	1693.4	-258.3	-13.2
1971	W	4670.1	4591.9	-78.2	-1.7
1972	BN	4934.9	4938.4	3.5	0.1
1973	AN	4085.2	3833.1	-252.1	-6.2
1974	W	4157.6	3790.1	-367.5	-8.8
1975	W	5750.2	5888.1	137.8	2.4
1976	C	645.1	749.9	104.8	16.2
1977	C	395.9	306.6	-89.4	-22.6
1978	AN	4453.4	3718.6	-734.7	-16.5
1979	BN	4913.6	4914.3	0.6	0.0
1980	AN	3254.5	2830.1	-424.5	-13.0
1981	D	1755.9	3455.9	1700.0	96.8
1982	W	6256.1	5689.6	-566.5	-9.1
1983	W	13697.2	13987.0	289.8	2.1
1984	W	3340.6	2700.7	-639.9	-19.2
1985	D	3133.9	3111.3	-22.6	-0.7
1986	W	3667.8	2917.5	-750.2	-20.5
1987	D	2044.0	1703.4	-340.5	-16.7
1988	C	1423.3	756.6	-666.7	-46.8
1989	D	3440.3	3770.6	330.3	9.6
1990	C	2138.2	1073.9	-1064.3	-49.8
1991	C	2008.3	1700.2	-308.1	-15.3
1992	C	1134.9	1588.7	453.8	40.0
1993	AN	5087.4	5031.9	-55.5	-1.1
	Mean:	3876.4	3649.5	-226.9	-7.6
	Median:	3390.5	3034.6	-302.1	-8.8
	Min:	395.9	306.6	-1519.9	-71.5
	Max:	13697.2	13987.0	1700.0	96.8

Lower American River Flow at Watt Ave

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3949.6	3768.1	-181.5	-4.6
1923	BN	4924.1	4930.1	6.0	0.1
1924	C	1107.7	917.5	-190.3	-17.2
1925	D	4908.8	4908.8	-0.1	0.0
1926	D	2363.0	2840.7	477.7	20.2
1927	W	4914.7	4908.5	-6.2	-0.1
1928	AN	4122.8	4085.6	-37.1	-0.9
1929	C	2068.0	1112.2	-955.8	-46.2
1930	D	4933.5	3178.8	-1754.7	-35.6
1931	C	1263.9	759.5	-504.4	-39.9
1932	D	4908.7	4908.7	0.0	0.0
1933	C	2872.8	1958.2	-914.6	-31.8
1934	C	1415.1	1306.2	-109.0	-7.7
1935	BN	4918.7	4923.5	4.8	0.1
1936	BN	4911.5	4913.2	1.7	0.0
1937	BN	4915.9	4919.9	4.0	0.1
1938	W	2981.8	3001.0	19.3	0.6
1939	D	2163.8	2198.9	35.1	1.6
1940	AN	4930.7	4935.0	4.4	0.1
1941	W	2717.7	2766.9	49.2	1.8
1942	W	4930.0	4110.5	-819.5	-16.6
1943	W	4932.4	4928.9	-3.5	-0.1
1944	D	2901.1	2521.2	-379.9	-13.1
1945	BN	4919.8	4923.3	3.5	0.1
1946	BN	4921.7	4923.6	1.9	0.0
1947	D	2644.6	2068.0	-576.7	-21.8
1948	BN	4399.0	4165.8	-233.2	-5.3
1949	D	4185.1	4218.6	33.5	0.8
1950	BN	4916.5	4920.0	3.4	0.1
1951	AN	4929.0	4937.3	8.2	0.2
1952	W	4325.0	3959.5	-365.5	-8.5
1953	W	4901.6	4900.2	-1.4	0.0
1954	AN	3523.9	3475.6	-48.3	-1.4
1955	D	2706.5	2706.0	-0.5	0.0
1956	W	3223.4	2712.3	-511.1	-15.9
1957	AN	4917.5	4921.0	3.5	0.1
1958	W	2654.6	2662.3	7.7	0.3
1959	BN	4936.9	4929.2	-7.8	-0.2
1960	D	2858.7	2162.6	-696.1	-24.4
1961	D	4213.1	3824.0	-389.1	-9.2
1962	BN	4935.1	4935.0	-0.1	0.0
1963	W	4932.5	4926.1	-6.4	-0.1
1964	D	3448.5	3107.9	-340.6	-9.9
1965	W	4922.2	4926.1	3.9	0.1
1966	BN	2840.6	2186.0	-654.5	-23.0
1967	W	3573.8	3603.2	29.3	0.8
1968	BN	4101.8	4204.4	102.6	2.5
1969	W	4565.7	3744.4	-821.3	-18.0
1970	W	4934.9	4937.1	2.3	0.0
1971	W	4911.0	4911.6	0.7	0.0
1972	BN	4908.6	4908.6	0.0	0.0
1973	AN	4916.1	4860.8	-55.3	-1.1
1974	W	3118.4	2956.2	-162.2	-5.2
1975	W	3209.3	3865.2	655.9	20.4
1976	C	2213.9	1138.6	-1075.3	-48.6
1977	C	631.7	1213.0	581.2	92.0
1978	AN	4912.9	4919.3	6.4	0.1
1979	BN	4594.6	3480.6	-1114.0	-24.2
1980	AN	3076.2	3184.1	107.9	3.5
1981	D	3239.6	2644.2	-595.4	-18.4
1982	W	2823.8	2828.4	4.6	0.2
1983	W	5723.0	5538.1	-184.9	-3.2
1984	W	5042.1	4928.3	-113.8	-2.3
1985	D	2585.1	3113.3	528.2	20.4
1986	W	4920.2	4926.3	6.1	0.1
1987	D	1974.7	1390.2	-584.5	-29.6
1988	C	1165.5	748.3	-417.3	-35.8
1989	D	4688.1	3319.6	-1368.5	-29.2
1990	C	2097.7	1349.8	-747.9	-35.7
1991	C	3236.6	2797.1	-439.5	-13.6
1992	C	962.5	1065.2	102.6	10.7
1993	AN	4907.4	4907.9	0.5	0.0
	Mean:	3768.7	3566.3	-202.4	-5.9
	Median:	4199.1	3796.0	-2.5	-0.1
	Min:	631.7	748.3	-1754.7	-48.6
	Max:	5723.0	5538.1	655.9	92.0

Lower American River Flow at Watt Ave

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4720.7	2123.4	-2597.3	-55.0
1923	BN	2577.2	1658.7	-918.5	-35.6
1924	C	442.2	676.0	233.9	52.9
1925	D	3237.1	1658.8	-1578.2	-48.8
1926	D	1667.8	1782.6	114.8	6.9
1927	W	1617.7	1658.8	41.1	2.5
1928	AN	1944.6	2106.7	162.2	8.3
1929	C	1770.4	1112.1	-658.2	-37.2
1930	D	1725.4	1677.3	-48.2	-2.8
1931	C	906.9	589.4	-317.4	-35.0
1932	D	3613.2	3130.1	-483.1	-13.4
1933	C	1745.6	1684.8	-60.9	-3.5
1934	C	918.1	1394.0	475.9	51.8
1935	BN	2906.4	2734.4	-172.1	-5.9
1936	BN	2598.6	3211.0	612.4	23.6
1937	BN	3470.1	3048.9	-421.2	-12.1
1938	W	4555.9	4925.6	369.7	8.1
1939	D	802.5	1161.9	359.4	44.8
1940	AN	1833.9	2116.0	282.1	15.4
1941	W	4719.8	4652.0	-67.8	-1.4
1942	W	2319.7	2690.5	370.9	16.0
1943	W	1673.1	1658.7	-14.4	-0.9
1944	D	2223.7	1691.8	-531.9	-23.9
1945	BN	1597.5	2075.7	478.2	29.9
1946	BN	1486.3	1658.7	172.4	11.6
1947	D	1173.1	1668.4	495.3	42.2
1948	BN	2315.0	1756.3	-558.7	-24.1
1949	D	1352.8	1671.5	318.7	23.6
1950	BN	1899.9	2352.5	452.6	23.8
1951	AN	2294.5	1658.6	-635.9	-27.7
1952	W	3415.9	4337.5	921.6	27.0
1953	W	2800.0	2236.8	-563.2	-20.1
1954	AN	2310.1	1673.0	-637.1	-27.6
1955	D	1983.2	1678.2	-305.0	-15.4
1956	W	2063.3	3907.5	1844.2	89.4
1957	AN	3051.2	2154.2	-897.0	-29.4
1958	W	2625.3	3988.0	1362.7	51.9
1959	BN	420.4	895.0	474.5	112.9
1960	D	1481.5	1674.7	193.2	13.0
1961	D	420.8	869.7	448.9	106.7
1962	BN	1628.8	1660.2	31.4	1.9
1963	W	2908.6	1658.8	-1249.8	-43.0
1964	D	1648.1	2686.2	1038.1	63.0
1965	W	1776.8	1668.5	-108.3	-6.1
1966	BN	646.2	1068.6	422.4	65.4
1967	W	3094.5	3926.1	831.6	26.9
1968	BN	1196.3	1361.1	164.8	13.8
1969	W	4614.3	4566.3	-48.1	-1.0
1970	W	1726.1	1686.9	-39.2	-2.3
1971	W	2109.1	1658.8	-450.2	-21.3
1972	BN	906.5	1658.8	752.3	83.0
1973	AN	1425.7	1659.3	233.6	16.4
1974	W	2924.7	3945.0	1020.3	34.9
1975	W	2213.9	2403.5	189.6	8.6
1976	C	437.4	746.8	309.4	70.7
1977	C	317.2	1134.8	817.5	257.7
1978	AN	4666.9	3693.6	-973.3	-20.9
1979	BN	1247.4	1816.4	569.0	45.6
1980	AN	2176.4	3509.8	1333.5	61.3
1981	D	1020.1	770.5	-249.6	-24.5
1982	W	4259.0	4927.1	668.1	15.7
1983	W	2479.9	4581.7	2101.9	84.8
1984	W	1543.4	3236.3	1693.0	109.7
1985	D	1922.7	1788.4	-134.3	-7.0
1986	W	1950.8	3853.4	1902.6	97.5
1987	D	522.9	822.3	299.3	57.2
1988	C	1046.9	748.2	-298.7	-28.5
1989	D	1527.4	1702.1	174.7	11.4
1990	C	880.3	1105.2	224.9	25.5
1991	C	3027.6	1886.3	-1141.3	-37.7
1992	C	785.9	679.5	-106.4	-13.5
1993	AN	2908.9	1913.9	-994.9	-34.2
	Mean:	2058.6	2165.6	107.0	17.4
	Median:	1866.9	1689.3	168.6	8.5
	Min:	317.2	589.4	-2597.3	-55.0
	Max:	4720.7	4927.1	2101.9	257.7

Lower American River Flow at Watt Ave

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1529.7	3510.4	1980.6	129.5
1923	BN	1610.2	3085.0	1474.8	91.6
1924	C	1333.6	1388.9	55.2	4.1
1925	D	506.6	1550.5	1043.9	206.1
1926	D	1241.7	930.7	-311.0	-25.0
1927	W	1248.0	2831.5	1583.5	126.9
1928	AN	506.4	1464.5	958.1	189.2
1929	C	1164.1	1110.2	-53.9	-4.6
1930	D	506.4	1471.8	965.5	190.7
1931	C	1020.8	628.5	-392.3	-38.4
1932	D	1667.6	1455.3	-212.3	-12.7
1933	C	1195.2	1470.1	274.8	23.0
1934	C	932.3	739.4	-192.9	-20.7
1935	BN	1674.0	1469.5	-204.5	-12.2
1936	BN	2253.5	2330.5	76.9	3.4
1937	BN	1597.8	1755.0	157.2	9.8
1938	W	1859.7	2768.3	908.6	48.9
1939	D	944.2	751.5	-192.6	-20.4
1940	AN	1683.7	1464.5	-219.2	-13.0
1941	W	2407.5	1968.9	-438.7	-18.2
1942	W	1681.0	3788.1	2107.2	125.4
1943	W	1966.9	3084.3	1117.4	56.8
1944	D	644.1	1585.0	940.9	146.1
1945	BN	1923.2	1594.9	-328.3	-17.1
1946	BN	691.3	1476.1	784.7	113.5
1947	D	1658.9	1329.0	-329.9	-19.9
1948	BN	1635.9	3450.1	1814.2	110.9
1949	D	1689.7	1579.2	-110.6	-6.5
1950	BN	1689.8	2222.1	532.3	31.5
1951	AN	1615.3	1566.0	-49.3	-3.1
1952	W	2424.4	4045.6	1621.2	66.9
1953	W	2425.0	3754.9	1329.9	54.8
1954	AN	1769.1	1468.5	-300.6	-17.0
1955	D	505.6	1480.2	974.6	192.7
1956	W	1693.4	3772.5	2079.1	122.8
1957	AN	2442.8	1484.3	-958.5	-39.2
1958	W	2173.1	3809.8	1636.7	75.3
1959	BN	504.0	965.0	461.0	91.5
1960	D	1394.9	1529.6	134.7	9.7
1961	D	506.3	898.6	392.4	77.5
1962	BN	1685.6	1468.6	-217.0	-12.9
1963	W	2427.3	2407.6	-19.8	-0.8
1964	D	1985.5	1748.7	-236.8	-11.9
1965	W	1246.7	3624.9	2378.1	190.7
1966	BN	1482.5	1017.6	-464.9	-31.4
1967	W	1784.9	3983.4	2198.6	123.2
1968	BN	516.9	1380.8	863.9	167.1
1969	W	1658.5	1638.5	-20.0	-1.2
1970	W	1684.7	2351.9	667.3	39.6
1971	W	1283.9	3247.5	1963.6	152.9
1972	BN	505.3	1487.1	981.8	194.3
1973	AN	1694.1	1475.3	-218.8	-12.9
1974	W	2423.8	3880.4	1456.6	60.1
1975	W	2175.8	3683.3	1507.5	69.3
1976	C	538.4	748.3	209.9	39.0
1977	C	382.4	281.0	-101.4	-26.5
1978	AN	2414.7	1456.9	-957.8	-39.7
1979	BN	967.8	1773.8	806.0	83.3
1980	AN	1716.7	3456.8	1740.1	101.4
1981	D	552.0	794.5	242.5	43.9
1982	W	1784.4	3236.8	1452.4	81.4
1983	W	2472.1	4687.0	2214.9	89.6
1984	W	1688.0	1469.4	-218.6	-13.0
1985	D	1552.0	1793.0	241.0	15.5
1986	W	1699.4	1465.5	-233.9	-13.8
1987	D	792.2	775.7	-16.5	-2.1
1988	C	436.4	746.5	310.1	71.1
1989	D	713.7	1511.9	798.2	111.8
1990	C	1392.5	1073.5	-319.0	-22.9
1991	C	1272.7	1466.6	193.9	15.2
1992	C	433.7	419.4	-14.3	-3.3
1993	AN	2423.9	3186.3	762.3	31.4
	Mean:	1440.4	1982.9	542.5	48.9
	Median:	1612.7	1520.8	258.7	31.5
	Min:	382.4	281.0	-958.5	-39.7
	Max:	2472.1	4687.0	2378.1	206.1

Lower American River Flow at H Street

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1481.4	1430.0	-51.4	-3.5
1923	BN	1529.4	1426.2	-103.2	-6.7
1924	C	3230.5	1514.1	-1716.4	-53.1
1925	D	1217.5	808.2	-409.3	-33.6
1926	D	1810.9	1707.9	-103.1	-5.7
1927	W	1767.4	974.6	-792.8	-44.9
1928	AN	3687.9	1458.8	-2229.1	-60.4
1929	C	1596.2	1327.3	-268.8	-16.8
1930	D	1586.4	916.0	-670.4	-42.3
1931	C	2169.6	2184.7	15.2	0.7
1932	D	1222.4	2294.1	1071.7	87.7
1933	C	2574.5	2003.4	-571.1	-22.2
1934	C	1575.7	741.6	-834.1	-52.9
1935	BN	1984.6	2399.9	415.3	20.9
1936	BN	2598.4	1849.3	-749.1	-28.8
1937	BN	2563.2	1386.7	-1176.5	-45.9
1938	W	1587.8	1331.9	-255.9	-16.1
1939	D	2320.0	1136.3	-1183.7	-51.0
1940	AN	1606.6	1071.2	-535.3	-33.3
1941	W	2539.8	1654.8	-885.1	-34.8
1942	W	1703.4	1151.0	-552.4	-32.4
1943	W	2410.9	1094.0	-1316.9	-54.6
1944	D	3335.0	1644.5	-1690.5	-50.7
1945	BN	2522.3	1549.8	-972.5	-38.6
1946	BN	2570.0	1685.8	-884.1	-34.4
1947	D	3888.3	1887.7	-2000.6	-51.5
1948	BN	1621.8	1313.0	-308.8	-19.0
1949	D	2154.4	1110.9	-1043.6	-48.4
1950	BN	1610.8	1324.5	-286.3	-17.8
1951	AN	4390.8	2224.0	-2166.8	-49.3
1952	W	2031.2	1181.6	-849.6	-41.8
1953	W	2889.0	1077.9	-1811.1	-62.7
1954	AN	2028.7	1096.4	-932.3	-46.0
1955	D	1577.5	1325.2	-252.4	-16.0
1956	W	1692.6	1639.6	-53.0	-3.1
1957	AN	4141.0	1146.7	-2994.3	-72.3
1958	W	1608.3	1186.6	-421.7	-26.2
1959	BN	3443.2	1091.2	-2351.9	-68.3
1960	D	1595.2	631.1	-964.1	-60.4
1961	D	1581.0	1325.0	-256.0	-16.2
1962	BN	500.0	633.5	133.5	26.7
1963	W	3932.2	4259.1	326.9	8.3
1964	D	1519.8	1160.7	-359.1	-23.6
1965	W	2919.6	2061.1	-858.5	-29.4
1966	BN	4302.1	1574.1	-2728.0	-63.4
1967	W	1580.4	1329.7	-250.7	-15.9
1968	BN	3682.6	1093.9	-2588.7	-70.3
1969	W	2015.9	893.6	-1122.3	-55.7
1970	W	1526.5	1136.1	-390.4	-25.6
1971	W	1744.2	1341.7	-402.5	-23.1
1972	BN	2363.7	1091.7	-1272.0	-53.8
1973	AN	1632.9	978.5	-654.4	-40.1
1974	W	1537.1	1361.7	-175.3	-11.4
1975	W	2802.0	1120.3	-1681.7	-60.0
1976	C	3321.9	1155.8	-2166.1	-65.2
1977	C	1642.2	636.7	-1005.5	-61.2
1978	AN	1008.6	384.1	-624.5	-61.9
1979	BN	1571.9	1325.3	-246.6	-15.7
1980	AN	1539.0	1367.7	-171.3	-11.1
1981	D	3587.7	1680.4	-1907.3	-53.2
1982	W	1636.7	1378.7	-258.0	-15.8
1983	W	4483.9	1597.7	-2886.2	-64.4
1984	W	6429.7	1095.6	-5334.1	-83.0
1985	D	1823.5	1356.4	-467.1	-25.6
1986	W	2274.0	1332.1	-942.0	-41.4
1987	D	2786.5	1104.3	-1682.2	-60.4
1988	C	1600.8	1268.0	-332.8	-20.8
1989	D	510.8	636.4	125.7	24.6
1990	C	2175.2	1363.3	-811.9	-37.3
1991	C	1586.1	1152.4	-433.7	-27.3
1992	C	1850.9	650.8	-1200.1	-64.8
1993	AN	540.4	670.3	129.9	24.0
	Mean:	2248.3	1340.2	-908.0	-32.6
	Median:	1837.2	1324.8	-709.8	-34.6
	Min:	500.0	384.1	-5334.1	-83.0
	Max:	6429.7	4259.1	1071.7	87.7

Lower American River Flow at H Street

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1758.0	1777.3	19.4	1.1
1923	BN	3265.1	2237.0	-1028.1	-31.5
1924	C	2470.3	1630.6	-839.7	-34.0
1925	D	403.6	708.8	305.2	75.6
1926	D	1952.4	1773.1	-179.3	-9.2
1927	W	500.0	1049.8	549.8	110.0
1928	AN	4442.0	2897.2	-1544.9	-34.8
1929	C	1814.7	1563.4	-251.3	-13.8
1930	D	1584.8	913.9	-670.9	-42.3
1931	C	2016.4	1613.8	-402.7	-20.0
1932	D	478.0	661.4	183.4	38.4
1933	C	3430.4	2200.3	-1230.1	-35.9
1934	C	1375.5	963.2	-412.4	-30.0
1935	BN	402.5	695.7	293.1	72.8
1936	BN	2340.2	1637.2	-703.1	-30.0
1937	BN	2258.2	1748.8	-509.4	-22.6
1938	W	1842.7	1816.9	-25.9	-1.4
1939	D	4431.3	2081.0	-2350.4	-53.0
1940	AN	1907.8	1045.1	-862.7	-45.2
1941	W	2606.3	1842.0	-764.3	-29.3
1942	W	3315.9	2251.0	-1065.0	-32.1
1943	W	6783.4	4008.2	-2775.2	-40.9
1944	D	2789.5	1638.3	-1151.1	-41.3
1945	BN	2015.2	1823.5	-191.7	-9.5
1946	BN	3997.3	3130.7	-866.7	-21.7
1947	D	2544.3	3318.1	773.8	30.4
1948	BN	1669.1	1298.5	-370.6	-22.2
1949	D	3655.1	1809.5	-1845.6	-50.5
1950	BN	1800.3	1773.2	-27.1	-1.5
1951	AN	15722.2	16335.7	613.5	3.9
1952	W	3151.9	3027.2	-124.7	-4.0
1953	W	5189.7	2337.8	-2851.9	-55.0
1954	AN	4125.6	2472.8	-1652.8	-40.1
1955	D	1768.3	1810.1	41.9	2.4
1956	W	1728.5	1538.8	-189.6	-11.0
1957	AN	4769.8	2223.7	-2546.1	-53.4
1958	W	1799.4	1634.0	-165.4	-9.2
1959	BN	4909.4	1767.6	-3141.8	-64.0
1960	D	1444.8	635.6	-809.1	-56.0
1961	D	1667.5	1479.9	-187.5	-11.2
1962	BN	500.0	686.0	186.0	37.2
1963	W	5437.1	3946.5	-1490.6	-27.4
1964	D	5142.4	4586.7	-555.7	-10.8
1965	W	1569.6	1439.7	-129.9	-8.3
1966	BN	4062.3	2321.5	-1740.7	-42.9
1967	W	1731.5	1678.9	-52.6	-3.0
1968	BN	5577.0	2748.9	-2828.1	-50.7
1969	W	1709.4	950.5	-758.8	-44.4
1970	W	3435.3	2415.9	-1019.4	-29.7
1971	W	2004.4	1645.8	-358.6	-17.9
1972	BN	4584.6	2246.6	-2338.0	-51.0
1973	AN	1803.0	1038.9	-764.1	-42.4
1974	W	8061.5	6273.8	-1787.8	-22.2
1975	W	4805.5	1827.1	-2978.4	-62.0
1976	C	5433.3	3461.6	-1971.7	-36.3
1977	C	1680.5	648.5	-1032.0	-61.4
1978	AN	445.4	436.3	-9.1	-2.0
1979	BN	1830.1	1818.5	-11.6	-0.6
1980	AN	2416.2	1788.3	-627.9	-26.0
1981	D	4864.9	1619.7	-3245.2	-66.7
1982	W	3858.4	4321.3	463.0	12.0
1983	W	8955.7	7730.2	-1225.5	-13.7
1984	W	15686.9	15541.9	-145.0	-0.9
1985	D	5994.5	3735.6	-2258.9	-37.7
1986	W	500.0	1425.3	925.3	185.1
1987	D	2824.4	1629.6	-1194.8	-42.3
1988	C	1621.1	1290.2	-330.9	-20.4
1989	D	385.0	679.2	294.2	76.4
1990	C	2121.5	1932.3	-189.2	-8.9
1991	C	1503.2	1160.8	-342.4	-22.8
1992	C	1608.2	656.4	-951.8	-59.2
1993	AN	375.0	639.0	264.0	70.4
	Mean:	3175.8	2381.8	-793.9	-14.6
	Median:	2189.9	1773.1	-591.8	-22.4
	Min:	375.0	436.3	-3245.2	-66.7
	Max:	15722.2	16335.7	925.3	185.1

Lower American River Flow at H Street

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1667.7	1941.2	273.5	16.4
1923	BN	6566.6	6761.8	195.2	3.0
1924	C	2689.4	1839.6	-849.8	-31.6
1925	D	500.0	785.7	285.7	57.1
1926	D	1754.9	1860.8	105.8	6.0
1927	W	1279.5	957.3	-322.2	-25.2
1928	AN	2061.6	2124.9	63.3	3.1
1929	C	1618.8	1627.5	8.7	0.5
1930	D	1418.9	1002.4	-416.5	-29.4
1931	C	1549.1	1612.9	63.8	4.1
1932	D	500.9	794.1	293.2	58.5
1933	C	1595.0	1868.3	273.3	17.1
1934	C	500.0	757.1	257.1	51.4
1935	BN	500.0	683.6	183.6	36.7
1936	BN	2145.9	1859.2	-286.8	-13.4
1937	BN	2116.0	1883.5	-232.5	-11.0
1938	W	6020.8	4720.1	-1300.7	-21.6
1939	D	1787.9	1845.5	57.6	3.2
1940	AN	500.0	1065.3	565.3	113.1
1941	W	4386.3	4168.0	-218.3	-5.0
1942	W	5298.6	5483.4	184.9	3.5
1943	W	4315.9	4497.4	181.5	4.2
1944	D	1814.6	1860.8	46.2	2.5
1945	BN	1762.8	1867.3	104.4	5.9
1946	BN	8631.3	8696.8	65.5	0.8
1947	D	1813.0	1858.8	45.9	2.5
1948	BN	1477.4	1288.5	-188.9	-12.8
1949	D	1866.2	1896.7	30.5	1.6
1950	BN	1616.7	1857.5	240.8	14.9
1951	AN	16352.4	15900.3	-452.1	-2.8
1952	W	5437.8	5684.7	246.9	4.5
1953	W	2058.0	2507.3	449.2	21.8
1954	AN	1775.6	1830.9	55.2	3.1
1955	D	1608.6	1911.2	302.5	18.8
1956	W	14852.7	14555.6	-297.1	-2.0
1957	AN	1756.6	1826.2	69.6	4.0
1958	W	1681.8	1878.6	196.9	11.7
1959	BN	1806.8	1840.0	33.2	1.8
1960	D	500.0	662.0	162.0	32.4
1961	D	1434.1	1449.4	15.2	1.1
1962	BN	500.0	683.2	183.2	36.6
1963	W	2987.8	3169.2	181.3	6.1
1964	D	1781.2	1809.5	28.3	1.6
1965	W	16478.5	18941.3	2462.8	14.9
1966	BN	1800.3	1874.8	74.5	4.1
1967	W	1817.3	2458.5	641.2	35.3
1968	BN	1791.9	1836.5	44.5	2.5
1969	W	1529.3	948.9	-580.4	-38.0
1970	W	5185.5	5483.5	298.0	5.7
1971	W	5806.3	4932.7	-873.6	-15.0
1972	BN	2382.4	2677.0	294.5	12.4
1973	AN	2500.4	995.8	-1504.6	-60.2
1974	W	7122.2	7083.7	-38.5	-0.5
1975	W	1841.1	1883.6	42.5	2.3
1976	C	1765.7	1823.6	57.9	3.3
1977	C	1478.6	650.7	-827.9	-56.0
1978	AN	500.0	500.0	0.0	0.0
1979	BN	1717.6	1846.1	128.5	7.5
1980	AN	1855.7	1901.4	45.8	2.5
1981	D	1783.9	1870.6	86.6	4.9
1982	W	14341.3	14086.5	-254.8	-1.8
1983	W	8838.7	8905.7	67.0	0.8
1984	W	14829.2	14806.0	-23.2	-0.2
1985	D	2152.9	2312.7	159.7	7.4
1986	W	1594.6	1373.8	-220.8	-13.8
1987	D	1821.5	1847.7	26.3	1.4
1988	C	1452.3	1340.1	-112.2	-7.7
1989	D	1600.7	692.9	-907.7	-56.7
1990	C	2066.7	1705.0	-361.7	-17.5
1991	C	500.0	1174.5	674.5	134.9
1992	C	1428.5	679.7	-748.8	-52.4
1993	AN	500.0	754.8	254.8	51.0
	Mean:	3233.0	3230.0	-2.9	5.1
	Median:	1789.9	1859.0	57.8	2.8
	Min:	500.0	500.0	-1504.6	-60.2
	Max:	16478.5	18941.3	2462.8	134.9

Lower American River Flow at H Street

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1201.3	1642.2	440.9	36.7
1923	BN	4362.8	4308.6	-54.2	-1.2
1924	C	1591.4	1562.4	-29.0	-1.8
1925	D	1468.4	718.7	-749.6	-51.0
1926	D	1730.5	1558.0	-172.5	-10.0
1927	W	3571.7	3274.4	-297.2	-8.3
1928	AN	1864.2	1641.5	-222.7	-11.9
1929	C	1183.8	1579.3	395.4	33.4
1930	D	1030.7	980.7	-50.0	-4.9
1931	C	1171.0	1385.9	214.9	18.4
1932	D	1544.5	650.1	-894.4	-57.9
1933	C	1194.1	1580.8	386.7	32.4
1934	C	365.1	670.9	305.8	83.8
1935	BN	1426.6	715.2	-711.4	-49.9
1936	BN	5031.1	5483.3	452.2	9.0
1937	BN	1556.4	1572.6	16.3	1.0
1938	W	2856.8	2593.0	-263.8	-9.2
1939	D	1361.9	1541.8	179.8	13.2
1940	AN	3526.1	2841.2	-684.9	-19.4
1941	W	5504.5	5557.8	53.3	1.0
1942	W	9088.1	8994.7	-93.4	-1.0
1943	W	10582.9	10584.4	1.6	0.0
1944	D	1372.1	1553.1	181.0	13.2
1945	BN	1256.5	1573.8	317.4	25.3
1946	BN	4906.2	4812.9	-93.3	-1.9
1947	D	1303.7	1565.8	262.2	20.1
1948	BN	1058.4	1268.5	210.1	19.9
1949	D	1374.3	1588.5	214.2	15.6
1950	BN	2899.4	1588.9	-1310.5	-45.2
1951	AN	10727.0	9969.6	-757.5	-7.1
1952	W	8889.6	8874.9	-14.7	-0.2
1953	W	6929.6	6996.1	66.5	1.0
1954	AN	1828.8	1704.0	-124.7	-6.8
1955	D	1727.4	1622.6	-104.7	-6.1
1956	W	16889.1	16314.4	-574.7	-3.4
1957	AN	1364.4	1548.3	183.9	13.5
1958	W	2275.8	2584.4	308.6	13.6
1959	BN	1800.0	1600.3	-199.7	-11.1
1960	D	1169.0	690.8	-478.2	-40.9
1961	D	1057.3	1460.0	402.7	38.1
1962	BN	1303.5	643.6	-659.8	-50.6
1963	W	3368.2	3736.9	368.7	10.9
1964	D	2240.5	2378.8	138.3	6.2
1965	W	16053.3	12750.3	-3303.0	-20.6
1966	BN	1806.8	1769.2	-37.6	-2.1
1967	W	6729.0	6723.2	-5.8	-0.1
1968	BN	1859.1	1876.1	17.0	0.9
1969	W	14371.7	14498.2	126.5	0.9
1970	W	19165.0	20848.9	1683.8	8.8
1971	W	4440.6	4503.4	62.8	1.4
1972	BN	1803.4	1744.1	-59.3	-3.3
1973	AN	9105.9	8447.7	-658.2	-7.2
1974	W	10400.6	11417.6	1017.0	9.8
1975	W	1786.9	1564.1	-222.8	-12.5
1976	C	1336.8	1564.2	227.4	17.0
1977	C	341.9	642.0	300.1	87.8
1978	AN	2505.6	2107.9	-397.7	-15.9
1979	BN	1651.8	1605.2	-46.6	-2.8
1980	AN	15564.0	16825.8	1261.8	8.1
1981	D	1396.7	1595.4	198.7	14.2
1982	W	9038.9	7922.8	-1116.0	-12.3
1983	W	7294.6	7365.8	71.2	1.0
1984	W	6710.5	6316.9	-393.6	-5.9
1985	D	1837.5	1568.2	-269.3	-14.7
1986	W	2653.2	2517.5	-135.7	-5.1
1987	D	1386.3	1549.9	163.6	11.8
1988	C	1040.0	1302.2	262.2	25.2
1989	D	1405.5	635.5	-769.9	-54.8
1990	C	1602.2	1474.8	-127.5	-8.0
1991	C	342.4	942.1	599.7	175.1
1992	C	350.8	650.2	299.4	85.4
1993	AN	4368.8	3302.5	-1066.3	-24.4
	Mean:	3990.3	3910.4	-80.0	3.7
	Median:	1805.1	1632.1	-10.3	-0.2
	Min:	341.9	635.5	-3303.0	-57.9
	Max:	19165.0	20848.9	1683.8	175.1

Lower American River Flow at H Street

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6397.1	4912.8	-1484.3	-23.2
1923	BN	2880.9	2829.3	-51.6	-1.8
1924	C	475.8	1362.3	886.5	186.3
1925	D	5107.4	4566.4	-541.0	-10.6
1926	D	2255.2	1382.8	-872.4	-38.7
1927	W	13471.3	13277.4	-194.0	-1.4
1928	AN	1887.8	2054.9	167.1	8.9
1929	C	440.3	1320.3	880.1	199.9
1930	D	1673.0	921.3	-751.7	-44.9
1931	C	1500.5	1135.6	-365.0	-24.3
1932	D	4100.4	2813.3	-1287.1	-31.4
1933	C	333.3	1271.1	937.8	281.4
1934	C	1634.4	700.0	-934.4	-57.2
1935	BN	1799.5	634.3	-1165.1	-64.7
1936	BN	13932.2	13363.5	-568.7	-4.1
1937	BN	3342.9	2655.7	-687.2	-20.6
1938	W	9718.5	9639.2	-79.4	-0.8
1939	D	1723.6	1269.3	-454.4	-26.4
1940	AN	10811.1	10433.8	-377.3	-3.5
1941	W	7988.3	7815.7	-172.6	-2.2
1942	W	10015.3	9698.3	-316.9	-3.2
1943	W	6904.9	6873.6	-31.3	-0.5
1944	D	1849.7	1387.7	-462.0	-25.0
1945	BN	8924.9	8482.5	-442.4	-5.0
1946	BN	3155.4	3278.3	122.9	3.9
1947	D	1776.4	1595.5	-180.9	-10.2
1948	BN	1582.4	1277.0	-305.4	-19.3
1949	D	1782.4	1396.2	-386.2	-21.7
1950	BN	5669.2	5365.5	-303.6	-5.4
1951	AN	8203.2	7996.8	-206.3	-2.5
1952	W	10169.3	9275.8	-893.5	-8.8
1953	W	2190.0	1984.5	-205.5	-9.4
1954	AN	3016.2	3231.9	215.7	7.2
1955	D	2133.3	2043.9	-89.4	-4.2
1956	W	7191.4	5968.1	-1223.3	-17.0
1957	AN	3021.1	3071.0	50.0	1.7
1958	W	10312.3	9923.4	-389.0	-3.8
1959	BN	2501.9	2845.1	343.2	13.7
1960	D	1269.3	684.6	-584.7	-46.1
1961	D	346.8	1199.4	852.6	245.9
1962	BN	2333.5	780.2	-1553.3	-66.6
1963	W	10461.2	11611.7	1150.6	11.0
1964	D	2139.3	1551.4	-587.9	-27.5
1965	W	5240.5	5144.5	-96.0	-1.8
1966	BN	1869.8	1691.8	-178.0	-9.5
1967	W	4437.6	4126.7	-310.9	-7.0
1968	BN	5993.3	6577.4	584.1	9.7
1969	W	10140.7	9006.5	-1134.2	-11.2
1970	W	7370.3	5814.5	-1555.8	-21.1
1971	W	3924.0	3699.5	-224.5	-5.7
1972	BN	2869.8	2857.8	-12.0	-0.4
1973	AN	7073.5	6949.1	-124.4	-1.8
1974	W	4704.0	4169.5	-534.6	-11.4
1975	W	3171.4	3647.4	475.9	15.0
1976	C	532.2	1307.9	775.7	145.8
1977	C	340.8	630.6	289.8	85.0
1978	AN	5069.3	4782.9	-286.4	-5.6
1979	BN	2549.6	2829.7	280.2	11.0
1980	AN	16132.5	13163.0	-2969.5	-18.4
1981	D	1789.0	1520.7	-268.3	-15.0
1982	W	15699.2	15088.4	-610.8	-3.9
1983	W	12842.5	12197.1	-645.3	-5.0
1984	W	6348.9	5519.2	-829.7	-13.1
1985	D	1815.4	1588.3	-227.1	-12.5
1986	W	30736.2	32809.0	2072.8	6.7
1987	D	580.8	1312.6	731.7	126.0
1988	C	1200.1	1241.4	41.2	3.4
1989	D	1379.6	2314.5	934.9	67.8
1990	C	1150.8	1362.3	211.6	18.4
1991	C	378.1	812.9	434.8	115.0
1992	C	472.6	761.1	288.5	61.0
1993	AN	6542.6	5957.3	-585.3	-8.9
	Mean:	5010.8	4788.4	-222.4	11.7
	Median:	3018.6	2851.4	-225.8	-4.2
	Min:	333.3	630.6	-2969.5	-66.6
	Max:	30736.2	32809.0	2072.8	281.4

Lower American River Flow at H Street

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3404.3	3081.9	-322.3	-9.5
1923	BN	2511.5	1540.5	-971.0	-38.7
1924	C	749.6	1091.0	341.4	45.5
1925	D	4805.4	4727.8	-77.6	-1.6
1926	D	1578.6	809.4	-769.3	-48.7
1927	W	4817.8	4107.6	-710.2	-14.7
1928	AN	11811.1	12573.9	762.8	6.5
1929	C	723.6	1348.0	624.3	86.3
1930	D	1719.9	2100.5	380.7	22.1
1931	C	1107.5	743.7	-363.8	-32.8
1932	D	2471.7	1801.5	-670.1	-27.1
1933	C	1479.0	1303.0	-175.9	-11.9
1934	C	1693.2	1497.0	-196.2	-11.6
1935	BN	1362.9	1644.2	281.3	20.6
1936	BN	4223.6	3708.5	-515.2	-12.2
1937	BN	4330.8	4258.1	-72.7	-1.7
1938	W	10997.9	10656.9	-340.9	-3.1
1939	D	921.0	662.7	-258.3	-28.0
1940	AN	10016.2	10414.8	398.6	4.0
1941	W	4821.0	4458.0	-363.0	-7.5
1942	W	2642.7	2031.4	-611.3	-23.1
1943	W	12065.7	12278.8	213.1	1.8
1944	D	1284.8	1581.0	296.2	23.1
1945	BN	2115.2	1712.1	-403.1	-19.1
1946	BN	2264.6	1774.9	-489.7	-21.6
1947	D	2003.2	1267.1	-736.1	-36.7
1948	BN	699.5	1629.1	929.6	132.9
1949	D	2346.3	2368.7	22.4	1.0
1950	BN	3260.2	2815.2	-445.0	-13.6
1951	AN	3218.2	3443.2	225.0	7.0
1952	W	6688.0	5806.1	-881.9	-13.2
1953	W	1701.9	1584.3	-117.6	-6.9
1954	AN	4243.7	4178.5	-65.3	-1.5
1955	D	1192.6	1556.3	363.8	30.5
1956	W	2242.8	1430.4	-812.4	-36.2
1957	AN	4346.5	4178.6	-167.9	-3.9
1958	W	7260.2	6322.4	-937.8	-12.9
1959	BN	1614.7	1371.2	-243.5	-15.1
1960	D	3595.2	3523.2	-72.0	-2.0
1961	D	653.6	900.1	246.4	37.7
1962	BN	1860.7	1606.8	-253.9	-13.6
1963	W	3187.3	1723.2	-1464.1	-45.9
1964	D	1038.4	1576.2	537.8	51.8
1965	W	1780.4	1761.7	-18.7	-1.1
1966	BN	1390.0	800.4	-589.5	-42.4
1967	W	6311.7	5830.0	-481.7	-7.6
1968	BN	1989.7	1863.3	-126.5	-6.4
1969	W	4051.1	3335.9	-715.3	-17.7
1970	W	2102.9	2103.3	0.4	0.0
1971	W	3269.2	3082.9	-186.3	-5.7
1972	BN	3584.8	3812.2	227.4	6.3
1973	AN	3425.5	3071.2	-354.2	-10.3
1974	W	9316.9	9019.6	-297.3	-3.2
1975	W	4656.3	4303.4	-352.9	-7.6
1976	C	659.4	626.9	-32.5	-4.9
1977	C	432.2	250.0	-182.2	-42.2
1978	AN	5604.5	5730.0	125.6	2.2
1979	BN	3140.4	3140.6	0.2	0.0
1980	AN	3248.0	3218.2	-29.8	-0.9
1981	D	956.8	722.0	-234.8	-24.5
1982	W	7234.0	7276.1	42.1	0.6
1983	W	16480.2	16130.2	-350.0	-2.1
1984	W	1950.7	2253.5	302.8	15.5
1985	D	1208.5	1419.0	210.5	17.4
1986	W	13566.6	10643.7	-2923.0	-21.5
1987	D	813.7	684.1	-129.7	-15.9
1988	C	1007.7	613.6	-394.1	-39.1
1989	D	6564.6	7896.9	1332.3	20.3
1990	C	759.3	958.5	199.2	26.2
1991	C	538.3	933.0	394.8	73.3
1992	C	969.9	250.0	-719.9	-74.2
1993	AN	7445.8	7155.9	-289.9	-3.9
	Mean:	3632.4	3445.5	-186.9	-3.0
	Median:	2409.0	2066.0	-179.1	-5.3
	Min:	432.2	250.0	-2923.0	-74.2
	Max:	16480.2	16130.2	1332.3	132.9

Lower American River Flow at H Street

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4718.0	4032.0	-686.0	-14.5
1923	BN	3911.6	4193.9	282.3	7.2
1924	C	630.2	736.7	106.5	16.9
1925	D	2207.4	1403.6	-803.8	-36.4
1926	D	2578.0	2482.7	-95.4	-3.7
1927	W	8209.4	7336.7	-872.6	-10.6
1928	AN	5138.9	4340.7	-798.2	-15.5
1929	C	2330.2	1338.9	-991.2	-42.5
1930	D	1467.4	1565.3	97.9	6.7
1931	C	1314.6	705.7	-608.9	-46.3
1932	D	1849.9	1418.3	-431.6	-23.3
1933	C	3348.6	2454.7	-893.9	-26.7
1934	C	3122.3	3184.4	62.1	2.0
1935	BN	7512.1	5428.9	-2083.1	-27.7
1936	BN	5668.3	5027.5	-640.7	-11.3
1937	BN	4389.7	3823.3	-566.4	-12.9
1938	W	8102.7	7381.4	-721.2	-8.9
1939	D	1267.8	1379.3	111.5	8.8
1940	AN	6222.9	5338.0	-884.9	-14.2
1941	W	3970.9	3320.8	-650.1	-16.4
1942	W	6406.2	5624.0	-782.2	-12.2
1943	W	5129.5	4428.3	-701.2	-13.7
1944	D	1662.4	1579.9	-82.5	-5.0
1945	BN	2564.4	1826.3	-738.2	-28.8
1946	BN	4115.2	3216.1	-899.1	-21.8
1947	D	2810.6	2292.0	-518.6	-18.5
1948	BN	2606.9	1624.5	-982.4	-37.7
1949	D	3463.1	2829.0	-634.1	-18.3
1950	BN	4963.6	4251.7	-711.8	-14.3
1951	AN	2743.2	2454.7	-288.5	-10.5
1952	W	9643.3	8181.7	-1461.6	-15.2
1953	W	3129.7	2152.8	-976.9	-31.2
1954	AN	4525.2	3955.6	-569.6	-12.6
1955	D	1400.7	1585.8	185.1	13.2
1956	W	2267.4	2040.6	-226.7	-10.0
1957	AN	2341.4	1675.6	-665.8	-28.4
1958	W	10974.5	9910.1	-1064.4	-9.7
1959	BN	1350.7	827.7	-523.0	-38.7
1960	D	3423.1	3134.0	-289.2	-8.4
1961	D	1636.7	861.4	-775.4	-47.4
1962	BN	4013.3	2552.1	-1461.2	-36.4
1963	W	6225.0	5839.4	-385.5	-6.2
1964	D	1841.5	1545.8	-295.7	-16.1
1965	W	4752.1	4477.6	-274.6	-5.8
1966	BN	1687.4	1494.0	-193.5	-11.5
1967	W	5348.0	3521.6	-1826.4	-34.2
1968	BN	1756.5	1238.9	-517.6	-29.5
1969	W	7249.4	6019.4	-1230.0	-17.0
1970	W	1809.2	1390.4	-418.8	-23.1
1971	W	3346.9	2650.8	-696.2	-20.8
1972	BN	1792.8	1551.5	-241.3	-13.5
1973	AN	2661.2	1959.9	-701.3	-26.4
1974	W	6984.6	5609.7	-1374.9	-19.7
1975	W	2865.4	1656.5	-1208.9	-42.2
1976	C	555.6	627.2	71.7	12.9
1977	C	375.9	188.0	-187.9	-50.0
1978	AN	4349.9	3257.2	-1092.7	-25.1
1979	BN	2033.8	1462.3	-571.5	-28.1
1980	AN	2531.3	2073.3	-457.9	-18.1
1981	D	1618.7	509.0	-1109.7	-68.6
1982	W	14097.7	13982.7	-115.0	-0.8
1983	W	7868.4	6004.5	-1863.9	-23.7
1984	W	2221.5	1862.4	-359.1	-16.2
1985	D	2925.4	1312.5	-1612.9	-55.1
1986	W	2213.7	2213.0	-0.8	0.0
1987	D	1998.2	748.2	-1250.1	-62.6
1988	C	685.3	653.2	-32.1	-4.7
1989	D	4592.0	2763.0	-1829.0	-39.8
1990	C	2181.3	2109.4	-71.9	-3.3
1991	C	1129.2	1128.9	-0.3	0.0
1992	C	2816.8	3011.5	194.7	6.9
1993	AN	4674.2	3066.2	-1608.0	-34.4
	Mean:	3698.9	3053.1	-645.8	-18.8
	Median:	2841.1	2373.3	-637.4	-16.2
	Min:	375.9	188.0	-2083.1	-68.6
	Max:	14097.7	13982.7	282.3	16.9

Lower American River Flow at H Street

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9421.8	8780.5	-641.3	-6.8
1923	BN	3998.3	3891.1	-107.2	-2.7
1924	C	617.8	646.2	28.5	4.6
1925	D	4059.3	3188.2	-871.1	-21.5
1926	D	1974.8	1725.1	-249.8	-12.6
1927	W	4088.4	4018.1	-70.3	-1.7
1928	AN	2721.7	2366.7	-355.0	-13.0
1929	C	1333.8	1283.1	-50.7	-3.8
1930	D	1627.9	1550.7	-77.2	-4.7
1931	C	459.3	727.2	267.9	58.3
1932	D	2996.8	2580.1	-416.7	-13.9
1933	C	415.0	1249.3	834.3	201.0
1934	C	874.6	701.5	-173.1	-19.8
1935	BN	4437.5	3854.7	-582.8	-13.1
1936	BN	2969.5	3323.6	354.1	11.9
1937	BN	3348.5	3213.7	-134.8	-4.0
1938	W	9195.4	8879.5	-315.9	-3.4
1939	D	1280.2	621.0	-659.2	-51.5
1940	AN	3081.4	2466.4	-615.0	-20.0
1941	W	4807.6	4346.3	-461.3	-9.6
1942	W	6423.3	6017.2	-406.1	-6.3
1943	W	2805.0	1902.4	-902.6	-32.2
1944	D	2309.9	1329.4	-980.5	-42.4
1945	BN	3285.5	2799.9	-485.6	-14.8
1946	BN	3147.4	2978.6	-168.8	-5.4
1947	D	1835.6	1183.9	-651.7	-35.5
1948	BN	4172.0	1889.3	-2282.6	-54.7
1949	D	2741.9	1783.5	-958.4	-35.0
1950	BN	3187.6	3375.4	187.8	5.9
1951	AN	3713.4	2855.5	-857.9	-23.1
1952	W	10020.1	10672.9	652.9	6.5
1953	W	3015.2	2201.1	-814.1	-27.0
1954	AN	2761.0	1953.0	-808.1	-29.3
1955	D	2328.2	1326.1	-1002.1	-43.0
1956	W	6234.6	6231.9	-2.7	0.0
1957	AN	2437.3	2034.1	-403.2	-16.5
1958	W	9141.9	9294.0	152.1	1.7
1959	BN	1784.0	787.3	-996.6	-55.9
1960	D	1954.3	1534.6	-419.7	-21.5
1961	D	1694.0	846.6	-847.4	-50.0
1962	BN	2687.5	1308.1	-1379.3	-51.3
1963	W	6888.1	6381.0	-507.2	-7.4
1964	D	1670.3	1553.3	-117.0	-7.0
1965	W	3900.0	3336.0	-564.0	-14.5
1966	BN	2223.9	876.0	-1347.9	-60.6
1967	W	7928.6	7715.3	-213.2	-2.7
1968	BN	1626.6	1246.2	-380.4	-23.4
1969	W	7923.4	8463.1	539.6	6.8
1970	W	2764.8	1317.1	-1447.7	-52.4
1971	W	3131.7	2377.8	-753.8	-24.1
1972	BN	1944.2	1550.7	-393.5	-20.2
1973	AN	3970.4	3629.5	-340.9	-8.6
1974	W	4270.9	4139.9	-131.0	-3.1
1975	W	5186.0	4504.5	-681.5	-13.1
1976	C	717.6	605.8	-111.8	-15.6
1977	C	386.6	188.0	-198.6	-51.4
1978	AN	3711.3	2808.6	-902.7	-24.3
1979	BN	3817.6	3606.4	-211.2	-5.5
1980	AN	3045.0	2279.4	-765.6	-25.1
1981	D	1929.3	650.5	-1278.8	-66.3
1982	W	9470.8	8589.5	-881.3	-9.3
1983	W	9531.5	9783.1	251.5	2.6
1984	W	2724.1	2058.5	-665.6	-24.4
1985	D	2205.6	1348.1	-857.6	-38.9
1986	W	2821.6	2375.9	-445.7	-15.8
1987	D	1232.4	603.8	-628.7	-51.0
1988	C	1610.2	621.3	-988.8	-61.4
1989	D	3378.5	2428.6	-949.9	-28.1
1990	C	816.7	972.1	155.4	19.0
1991	C	1554.0	755.0	-799.1	-51.4
1992	C	1468.3	394.2	-1074.1	-73.2
1993	AN	4599.6	4682.0	82.4	1.8
	Mean:	3470.0	2993.9	-476.1	-16.7
	Median:	2895.6	2240.2	-453.5	-15.2
	Min:	386.6	188.0	-2282.6	-73.2
	Max:	10020.1	10672.9	834.3	201.0

Lower American River Flow at H Street

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8577.5	8501.4	-76.1	-0.9
1923	BN	2903.4	2049.4	-854.0	-29.4
1924	C	1372.7	1007.0	-365.8	-26.6
1925	D	4744.8	4742.7	-2.1	0.0
1926	D	4215.3	3310.0	-905.3	-21.5
1927	W	4995.6	4775.1	-220.5	-4.4
1928	AN	2940.0	2130.2	-809.8	-27.5
1929	C	2407.3	946.4	-1460.9	-60.7
1930	D	1930.2	2689.7	759.5	39.3
1931	C	1954.2	426.3	-1527.9	-78.2
1932	D	4749.9	4743.9	-6.0	-0.1
1933	C	2779.7	2349.2	-430.4	-15.5
1934	C	1890.6	1895.8	5.2	0.3
1935	BN	3615.8	3058.2	-557.6	-15.4
1936	BN	4437.5	4235.6	-201.9	-4.5
1937	BN	3937.1	3470.6	-466.5	-11.8
1938	W	8121.1	8236.4	115.3	1.4
1939	D	2049.8	2100.3	50.5	2.5
1940	AN	2246.2	1739.7	-506.5	-22.5
1941	W	3111.1	2647.1	-464.0	-14.9
1942	W	6367.0	6439.9	72.8	1.1
1943	W	2918.8	2442.6	-476.1	-16.3
1944	D	2717.9	2258.6	-459.3	-16.9
1945	BN	3494.7	3088.8	-405.9	-11.6
1946	BN	3266.7	3041.3	-225.4	-6.9
1947	D	2171.3	1663.5	-507.8	-23.4
1948	BN	4326.6	4343.7	17.1	0.4
1949	D	4006.7	3646.7	-359.9	-9.0
1950	BN	3862.2	3460.5	-401.7	-10.4
1951	AN	2331.4	1228.8	-1102.6	-47.3
1952	W	9454.5	9578.7	124.2	1.3
1953	W	5474.2	5465.6	-8.6	-0.2
1954	AN	2207.2	1828.6	-378.6	-17.2
1955	D	3610.0	2697.1	-912.8	-25.3
1956	W	5646.5	5014.3	-632.2	-11.2
1957	AN	3647.5	3077.8	-569.7	-15.6
1958	W	6875.0	6858.7	-16.3	-0.2
1959	BN	1533.6	2409.5	875.9	57.1
1960	D	2940.8	2480.4	-460.4	-15.7
1961	D	1182.2	710.5	-471.6	-39.9
1962	BN	1745.1	1747.6	2.5	0.1
1963	W	3067.8	2495.6	-572.2	-18.7
1964	D	2495.2	1511.1	-984.1	-39.4
1965	W	3218.5	2761.4	-457.1	-14.2
1966	BN	2598.4	2795.6	197.2	7.6
1967	W	8896.8	9624.7	727.9	8.2
1968	BN	2020.8	2238.8	218.0	10.8
1969	W	6009.1	5725.4	-283.8	-4.7
1970	W	1779.3	1512.7	-266.6	-15.0
1971	W	4395.2	4150.3	-244.9	-5.6
1972	BN	4761.5	4756.3	-5.3	-0.1
1973	AN	3911.4	3650.4	-261.0	-6.7
1974	W	3882.0	3347.5	-534.5	-13.8
1975	W	5474.3	5444.9	-29.4	-0.5
1976	C	472.9	569.5	96.6	20.4
1977	C	285.8	188.0	-97.8	-34.2
1978	AN	4177.2	3275.3	-902.0	-21.6
1979	BN	4739.3	4730.8	-8.6	-0.2
1980	AN	3080.8	2647.5	-433.3	-14.1
1981	D	1581.8	3272.6	1690.8	106.9
1982	W	5978.4	5243.7	-734.6	-12.3
1983	W	13420.4	13542.6	122.3	0.9
1984	W	3168.3	2520.2	-648.1	-20.5
1985	D	2960.6	2929.3	-31.3	-1.1
1986	W	3494.1	2735.0	-759.1	-21.7
1987	D	1870.6	1521.4	-349.2	-18.7
1988	C	1250.8	575.8	-674.9	-54.0
1989	D	3266.3	3587.5	321.2	9.8
1990	C	1964.5	891.4	-1073.1	-54.6
1991	C	1835.1	1518.4	-316.7	-17.3
1992	C	962.0	1407.4	445.4	46.3
1993	AN	4813.4	4591.5	-221.9	-4.6
	Mean:	3674.9	3393.1	-281.8	-9.4
	Median:	3193.4	2778.5	-333.0	-11.4
	Min:	285.8	188.0	-1527.9	-78.2
	Max:	13420.4	13542.6	1690.8	106.9

Lower American River Flow at H Street

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3637.3	3265.9	-371.4	-10.2
1923	BN	4611.6	4427.8	-183.8	-4.0
1924	C	984.1	785.0	-199.1	-20.2
1925	D	4596.1	4406.1	-190.0	-4.1
1926	D	2188.5	2337.2	148.7	6.8
1927	W	4602.2	4406.0	-196.2	-4.3
1928	AN	3810.8	3584.1	-226.7	-5.9
1929	C	1895.0	930.4	-964.6	-50.9
1930	D	4621.1	2676.6	-1944.5	-42.1
1931	C	1090.5	577.1	-513.4	-47.1
1932	D	4597.4	4408.0	-189.4	-4.1
1933	C	2699.7	1776.3	-923.4	-34.2
1934	C	1242.6	1125.1	-117.5	-9.5
1935	BN	4605.0	4419.4	-185.6	-4.0
1936	BN	4599.8	4412.0	-187.8	-4.1
1937	BN	4603.8	4418.1	-185.7	-4.0
1938	W	2669.3	2498.6	-170.7	-6.4
1939	D	1851.9	1697.3	-154.6	-8.3
1940	AN	4618.6	4433.2	-185.4	-4.0
1941	W	2403.5	2262.0	-141.5	-5.9
1942	W	4616.1	3606.0	-1010.1	-21.9
1943	W	4619.9	4426.6	-193.3	-4.2
1944	D	2588.8	2019.0	-569.7	-22.0
1945	BN	4607.2	4420.6	-186.6	-4.1
1946	BN	4610.0	4422.3	-187.7	-4.1
1947	D	2332.2	1565.5	-766.7	-32.9
1948	BN	4084.7	3660.6	-424.0	-10.4
1949	D	3873.3	3717.3	-156.0	-4.0
1950	BN	4603.7	4417.0	-186.7	-4.1
1951	AN	4617.1	4435.5	-181.5	-3.9
1952	W	4012.9	3457.7	-555.2	-13.8
1953	W	4589.4	4398.3	-191.1	-4.2
1954	AN	3211.4	2973.2	-238.1	-7.4
1955	D	2394.5	2204.4	-190.1	-7.9
1956	W	2911.4	2210.6	-700.8	-24.1
1957	AN	4604.0	4417.1	-187.0	-4.1
1958	W	2341.3	2158.7	-182.6	-7.8
1959	BN	4625.5	4428.3	-197.2	-4.3
1960	D	2546.9	1661.3	-885.7	-34.8
1961	D	3901.2	3322.5	-578.8	-14.8
1962	BN	4623.0	4433.1	-189.9	-4.1
1963	W	4618.9	4421.9	-197.0	-4.3
1964	D	3137.1	2607.1	-530.0	-16.9
1965	W	4609.9	4424.1	-185.8	-4.0
1966	BN	2529.6	1685.9	-843.7	-33.4
1967	W	3260.3	3099.2	-161.1	-4.9
1968	BN	3789.7	4022.1	232.4	6.1
1969	W	4253.7	3242.7	-1011.0	-23.8
1970	W	4623.3	4436.0	-187.3	-4.1
1971	W	4599.4	4410.7	-188.8	-4.1
1972	BN	4596.6	4406.7	-189.8	-4.1
1973	AN	4604.0	4358.8	-245.1	-5.3
1974	W	2807.7	2456.6	-351.2	-12.5
1975	W	2896.9	3362.8	465.9	16.1
1976	C	2041.7	958.1	-1083.7	-53.1
1977	C	508.7	1081.5	572.8	112.6
1978	AN	4600.1	4416.5	-183.6	-4.0
1979	BN	4282.2	2978.2	-1304.0	-30.5
1980	AN	2764.9	2683.5	-81.4	-2.9
1981	D	2927.2	2141.9	-785.3	-26.8
1982	W	2509.1	2322.6	-186.5	-7.4
1983	W	5409.4	5034.1	-375.3	-6.9
1984	W	4730.7	4427.3	-303.3	-6.4
1985	D	2273.1	2611.6	338.5	14.9
1986	W	4608.2	4424.6	-183.6	-4.0
1987	D	1801.7	889.0	-912.7	-50.7
1988	C	853.7	246.8	-606.9	-71.1
1989	D	4375.1	2816.4	-1558.8	-35.6
1990	C	1785.7	848.1	-937.6	-52.5
1991	C	2924.4	2295.1	-629.3	-21.5
1992	C	650.2	563.1	-87.1	-13.4
1993	AN	4595.0	4405.4	-189.6	-4.1
	Mean:	3475.2	3101.1	-374.0	-12.0
	Median:	3887.3	3294.2	-190.6	-6.2
	Min:	508.7	246.8	-1944.5	-71.1
	Max:	5409.4	5034.1	572.8	112.6

Lower American River Flow at H Street

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4415.4	1631.8	-2783.6	-63.0
1923	BN	2271.8	1167.0	-1104.7	-48.6
1924	C	322.5	548.4	225.9	70.0
1925	D	2931.5	1479.2	-1452.3	-49.5
1926	D	1495.9	1602.2	106.2	7.1
1927	W	1312.3	1167.0	-145.2	-11.1
1928	AN	1773.7	1927.9	154.2	8.7
1929	C	1599.7	933.5	-666.2	-41.6
1930	D	1554.6	1498.4	-56.2	-3.6
1931	C	735.9	410.3	-325.6	-44.2
1932	D	3308.6	2639.7	-668.9	-20.2
1933	C	1574.9	1506.1	-68.9	-4.4
1934	C	747.8	1215.9	468.1	62.6
1935	BN	2600.0	2241.2	-358.8	-13.8
1936	BN	2293.7	2720.2	426.5	18.6
1937	BN	3164.9	2557.6	-607.3	-19.2
1938	W	4250.5	4433.9	183.4	4.3
1939	D	631.7	983.0	351.3	55.6
1940	AN	1528.8	1624.7	96.0	6.3
1941	W	4413.0	4158.2	-254.8	-5.8
1942	W	2013.1	2197.1	184.0	9.1
1943	W	1367.7	1167.0	-200.7	-14.7
1944	D	1918.4	1200.3	-718.1	-37.4
1945	BN	1291.9	1583.6	291.8	22.6
1946	BN	1181.4	1167.9	-13.6	-1.2
1947	D	1001.8	1176.6	174.8	17.4
1948	BN	2008.0	1262.2	-745.7	-37.1
1949	D	1048.0	1180.8	132.8	12.7
1950	BN	1594.2	1860.3	266.1	16.7
1951	AN	1989.4	1167.4	-822.0	-41.3
1952	W	3110.7	3846.2	735.5	23.6
1953	W	2495.4	1746.4	-749.0	-30.0
1954	AN	2004.9	1181.7	-823.2	-41.1
1955	D	1812.3	1499.3	-313.0	-17.3
1956	W	1758.2	3416.3	1658.1	94.3
1957	AN	2745.0	1661.2	-1083.7	-39.5
1958	W	2319.1	3495.2	1176.1	50.7
1959	BN	250.0	716.7	466.7	186.7
1960	D	1310.8	1496.1	185.3	14.1
1961	D	250.0	690.9	440.9	176.4
1962	BN	1323.8	1169.2	-154.7	-11.7
1963	W	2602.2	1165.5	-1436.7	-55.2
1964	D	1343.6	2195.9	852.2	63.4
1965	W	1472.4	1178.4	-294.0	-20.0
1966	BN	476.1	578.6	102.5	21.5
1967	W	2788.2	3433.1	645.0	23.1
1968	BN	1025.8	1182.7	156.9	15.3
1969	W	4309.3	4075.1	-234.2	-5.4
1970	W	1421.4	1196.2	-225.2	-15.8
1971	W	1804.4	1168.3	-636.1	-35.3
1972	BN	735.6	1479.7	744.2	101.2
1973	AN	1120.5	1167.9	47.4	4.2
1974	W	2618.9	3452.8	833.8	31.8
1975	W	1908.7	1912.0	3.4	0.2
1976	C	267.8	569.8	302.0	112.8
1977	C	198.1	1007.9	809.8	408.9
1978	AN	4361.2	3201.6	-1159.6	-26.6
1979	BN	941.9	1636.7	694.8	73.8
1980	AN	1871.2	3018.6	1147.4	61.3
1981	D	714.7	278.8	-435.9	-61.0
1982	W	3951.8	4432.5	480.8	12.2
1983	W	2173.8	4089.0	1915.2	88.1
1984	W	1239.0	2746.2	1507.2	121.6
1985	D	1752.0	1609.7	-142.3	-8.1
1986	W	1645.7	3362.2	1716.5	104.3
1987	D	352.3	643.7	291.4	82.7
1988	C	741.9	257.3	-484.6	-65.3
1989	D	1356.2	1522.5	166.3	12.3
1990	C	709.4	926.3	216.9	30.6
1991	C	2722.7	1707.6	-1015.1	-37.3
1992	C	480.6	188.0	-292.6	-60.9
1993	AN	2603.4	1422.1	-1181.3	-45.4
	Mean:	1797.7	1779.7	-18.0	16.6
	Median:	1596.9	1497.2	71.7	4.3
	Min:	198.1	188.0	-2783.6	-65.3
	Max:	4415.4	4433.9	1915.2	408.9

Lower American River Flow at H Street

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1268.3	3088.4	1820.1	143.5
1923	BN	1349.8	2664.7	1314.9	97.4
1924	C	1232.4	1281.0	48.6	3.9
1925	D	375.0	1412.2	1037.2	276.6
1926	D	1109.7	791.6	-318.1	-28.7
1927	W	986.5	2409.3	1422.9	144.2
1928	AN	375.0	1326.5	951.5	253.7
1929	C	1032.7	972.2	-60.5	-5.9
1930	D	375.0	1333.8	958.8	255.7
1931	C	889.3	490.2	-399.0	-44.9
1932	D	1406.6	1317.6	-89.0	-6.3
1933	C	1063.9	1332.2	268.2	25.2
1934	C	801.2	601.8	-199.3	-24.9
1935	BN	1412.0	1046.6	-365.4	-25.9
1936	BN	1992.4	1908.9	-83.4	-4.2
1937	BN	1466.2	1616.7	150.5	10.3
1938	W	1598.6	2346.8	748.2	46.8
1939	D	813.5	614.7	-198.8	-24.4
1940	AN	1422.4	1042.7	-379.7	-26.7
1941	W	2145.3	1545.6	-599.8	-28.0
1942	W	1418.9	3365.2	1946.2	137.2
1943	W	1705.4	2662.3	956.8	56.1
1944	D	512.5	1446.7	934.1	182.3
1945	BN	1661.7	1172.7	-489.0	-29.4
1946	BN	430.5	1338.6	908.1	211.0
1947	D	1527.2	1190.5	-336.7	-22.0
1948	BN	1373.8	3026.9	1653.1	120.3
1949	D	1558.4	1441.3	-117.1	-7.5
1950	BN	1428.7	1800.6	371.9	26.0
1951	AN	1354.0	1144.2	-209.7	-15.5
1952	W	2163.3	3624.3	1460.9	67.5
1953	W	2163.6	3333.0	1169.4	54.0
1954	AN	1507.6	1046.4	-461.2	-30.6
1955	D	375.0	1343.4	968.4	258.2
1956	W	1432.8	3352.0	1919.1	133.9
1957	AN	2182.4	1071.4	-1111.0	-50.9
1958	W	1911.4	3387.4	1476.0	77.2
1959	BN	375.0	831.1	456.1	121.6
1960	D	1263.5	1391.7	128.2	10.1
1961	D	375.0	760.8	385.8	102.9
1962	BN	1424.3	1330.4	-93.9	-6.6
1963	W	2165.5	1984.9	-180.6	-8.3
1964	D	1854.3	1611.0	-243.3	-13.1
1965	W	985.3	3203.0	2217.7	225.1
1966	BN	1351.4	880.1	-471.3	-34.9
1967	W	1523.0	3560.7	2037.7	133.8
1968	BN	385.4	1242.6	857.2	222.4
1969	W	1397.2	1216.8	-180.5	-12.9
1970	W	1553.4	2214.0	660.7	42.5
1971	W	1022.8	2826.1	1803.3	176.3
1972	BN	375.0	1350.8	975.8	260.2
1973	AN	1563.0	1337.8	-225.2	-14.4
1974	W	2162.1	3458.0	1295.9	59.9
1975	W	1914.3	3261.2	1346.8	70.4
1976	C	407.5	611.2	203.7	50.0
1977	C	282.0	281.0	-1.0	-0.4
1978	AN	2153.7	1035.5	-1118.2	-51.9
1979	BN	836.0	1635.2	799.1	95.6
1980	AN	1455.4	3035.0	1579.7	108.5
1981	D	420.8	656.8	236.0	56.1
1982	W	1540.0	2849.2	1309.2	85.0
1983	W	2210.9	4265.3	2054.4	92.9
1984	W	1427.1	1331.8	-95.3	-6.7
1985	D	1421.2	1655.9	234.7	16.5
1986	W	1439.3	1045.7	-393.6	-27.3
1987	D	660.9	637.8	-23.1	-3.5
1988	C	305.0	324.9	19.9	6.5
1989	D	585.4	1378.8	793.4	135.5
1990	C	1261.0	935.4	-325.6	-25.8
1991	C	1141.1	1328.3	187.2	16.4
1992	C	302.1	281.0	-21.1	-7.0
1993	AN	2162.5	2764.1	601.6	27.8
	Mean:	1243.4	1714.0	470.5	57.1
	Median:	1385.5	1341.0	235.4	25.6
	Min:	282.0	281.0	-1118.2	-51.9
	Max:	2210.9	4265.3	2217.7	276.6

Lower American River Flow at the Mouth

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1481.4	1430.0	-51.4	-3.5
1923	BN	1529.4	1426.2	-103.2	-6.7
1924	C	3230.5	1514.1	-1716.4	-53.1
1925	D	1217.5	808.2	-409.3	-33.6
1926	D	1810.9	1707.9	-103.1	-5.7
1927	W	1767.4	974.6	-792.8	-44.9
1928	AN	3687.9	1458.8	-2229.1	-60.4
1929	C	1596.2	1327.3	-268.8	-16.8
1930	D	1586.4	916.0	-670.4	-42.3
1931	C	2169.6	2184.7	15.2	0.7
1932	D	1222.4	2294.1	1071.7	87.7
1933	C	2574.5	2003.4	-571.1	-22.2
1934	C	1575.7	741.6	-834.1	-52.9
1935	BN	1984.6	2399.9	415.3	20.9
1936	BN	2598.4	1849.3	-749.1	-28.8
1937	BN	2563.2	1386.7	-1176.5	-45.9
1938	W	1587.8	1331.9	-255.9	-16.1
1939	D	2320.0	1136.3	-1183.7	-51.0
1940	AN	1606.6	1071.2	-535.3	-33.3
1941	W	2539.8	1654.8	-885.1	-34.8
1942	W	1703.4	1151.0	-552.4	-32.4
1943	W	2410.9	1094.0	-1316.9	-54.6
1944	D	3335.0	1644.5	-1690.5	-50.7
1945	BN	2522.3	1549.8	-972.5	-38.6
1946	BN	2570.0	1685.8	-884.1	-34.4
1947	D	3888.3	1887.7	-2000.6	-51.5
1948	BN	1621.8	1313.0	-308.8	-19.0
1949	D	2154.4	1110.9	-1043.6	-48.4
1950	BN	1610.8	1324.5	-286.3	-17.8
1951	AN	4390.8	2224.0	-2166.8	-49.3
1952	W	2031.2	1181.6	-849.6	-41.8
1953	W	2889.0	1077.9	-1811.1	-62.7
1954	AN	2028.7	1096.4	-932.3	-46.0
1955	D	1577.5	1325.2	-252.4	-16.0
1956	W	1692.6	1639.6	-53.0	-3.1
1957	AN	4141.0	1146.7	-2994.3	-72.3
1958	W	1608.3	1186.6	-421.7	-26.2
1959	BN	3443.2	1091.2	-2351.9	-68.3
1960	D	1595.2	631.1	-964.1	-60.4
1961	D	1581.0	1325.0	-256.0	-16.2
1962	BN	500.0	633.5	133.5	26.7
1963	W	3932.2	4259.1	326.9	8.3
1964	D	1519.8	1160.7	-359.1	-23.6
1965	W	2919.6	2061.1	-858.5	-29.4
1966	BN	4302.1	1574.1	-2728.0	-63.4
1967	W	1580.4	1329.7	-250.7	-15.9
1968	BN	3682.6	1093.9	-2588.7	-70.3
1969	W	2015.9	893.6	-1122.3	-55.7
1970	W	1526.5	1136.1	-390.4	-25.6
1971	W	1744.2	1341.7	-402.5	-23.1
1972	BN	2363.7	1091.7	-1272.0	-53.8
1973	AN	1632.9	978.5	-654.4	-40.1
1974	W	1537.1	1361.7	-175.3	-11.4
1975	W	2802.0	1120.3	-1681.7	-60.0
1976	C	3321.9	1155.8	-2166.1	-65.2
1977	C	1642.2	636.7	-1005.5	-61.2
1978	AN	1008.6	384.1	-624.5	-61.9
1979	BN	1571.9	1325.3	-246.6	-15.7
1980	AN	1539.0	1367.7	-171.3	-11.1
1981	D	3587.7	1680.4	-1907.3	-53.2
1982	W	1636.7	1378.7	-258.0	-15.8
1983	W	4483.9	1597.7	-2886.2	-64.4
1984	W	6429.7	1095.6	-5334.1	-83.0
1985	D	1823.5	1356.4	-467.1	-25.6
1986	W	2274.0	1332.1	-942.0	-41.4
1987	D	2786.5	1104.3	-1682.2	-60.4
1988	C	1600.8	1268.0	-332.8	-20.8
1989	D	510.8	636.4	125.7	24.6
1990	C	2175.2	1363.3	-811.9	-37.3
1991	C	1586.1	1152.4	-433.7	-27.3
1992	C	1850.9	650.8	-1200.1	-64.8
1993	AN	540.4	670.3	129.9	24.0
	Mean:	2248.3	1340.2	-908.0	-32.6
	Median:	1837.2	1324.8	-709.8	-34.6
	Min:	500.0	384.1	-5334.1	-83.0
	Max:	6429.7	4259.1	1071.7	87.7

Lower American River Flow at the Mouth

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1758.0	1777.3	19.4	1.1
1923	BN	3265.1	2237.0	-1028.1	-31.5
1924	C	2470.3	1630.6	-839.7	-34.0
1925	D	403.6	708.8	305.2	75.6
1926	D	1952.4	1773.1	-179.3	-9.2
1927	W	500.0	1049.8	549.8	110.0
1928	AN	4442.0	2897.2	-1544.9	-34.8
1929	C	1814.7	1563.4	-251.3	-13.8
1930	D	1584.8	913.9	-670.9	-42.3
1931	C	2016.4	1613.8	-402.7	-20.0
1932	D	478.0	661.4	183.4	38.4
1933	C	3430.4	2200.3	-1230.1	-35.9
1934	C	1375.5	963.2	-412.4	-30.0
1935	BN	402.5	695.7	293.1	72.8
1936	BN	2340.2	1637.2	-703.1	-30.0
1937	BN	2258.2	1748.8	-509.4	-22.6
1938	W	1842.7	1816.9	-25.9	-1.4
1939	D	4431.3	2081.0	-2350.4	-53.0
1940	AN	1907.8	1045.1	-862.7	-45.2
1941	W	2606.3	1842.0	-764.3	-29.3
1942	W	3315.9	2251.0	-1065.0	-32.1
1943	W	6783.4	4008.2	-2775.2	-40.9
1944	D	2789.5	1638.3	-1151.1	-41.3
1945	BN	2015.2	1823.5	-191.7	-9.5
1946	BN	3997.3	3130.7	-866.7	-21.7
1947	D	2544.3	3318.1	773.8	30.4
1948	BN	1669.1	1298.5	-370.6	-22.2
1949	D	3655.1	1809.5	-1845.6	-50.5
1950	BN	1800.3	1773.2	-27.1	-1.5
1951	AN	15722.2	16335.7	613.5	3.9
1952	W	3151.9	3027.2	-124.7	-4.0
1953	W	5189.7	2337.8	-2851.9	-55.0
1954	AN	4125.6	2472.8	-1652.8	-40.1
1955	D	1768.3	1810.1	41.9	2.4
1956	W	1728.5	1538.8	-189.6	-11.0
1957	AN	4769.8	2223.7	-2546.1	-53.4
1958	W	1799.4	1634.0	-165.4	-9.2
1959	BN	4909.4	1767.6	-3141.8	-64.0
1960	D	1444.8	635.6	-809.1	-56.0
1961	D	1667.5	1479.9	-187.5	-11.2
1962	BN	500.0	686.0	186.0	37.2
1963	W	5437.1	3946.5	-1490.6	-27.4
1964	D	5142.4	4586.7	-555.7	-10.8
1965	W	1569.6	1439.7	-129.9	-8.3
1966	BN	4062.3	2321.5	-1740.7	-42.9
1967	W	1731.5	1678.9	-52.6	-3.0
1968	BN	5577.0	2748.9	-2828.1	-50.7
1969	W	1709.4	950.5	-758.8	-44.4
1970	W	3435.3	2415.9	-1019.4	-29.7
1971	W	2004.4	1645.8	-358.6	-17.9
1972	BN	4584.6	2246.6	-2338.0	-51.0
1973	AN	1803.0	1038.9	-764.1	-42.4
1974	W	8061.5	6273.8	-1787.8	-22.2
1975	W	4805.5	1827.1	-2978.4	-62.0
1976	C	5433.3	3461.6	-1971.7	-36.3
1977	C	1680.5	648.5	-1032.0	-61.4
1978	AN	445.4	436.3	-9.1	-2.0
1979	BN	1830.1	1818.5	-11.6	-0.6
1980	AN	2416.2	1788.3	-627.9	-26.0
1981	D	4864.9	1619.7	-3245.2	-66.7
1982	W	3858.4	4321.3	463.0	12.0
1983	W	8955.7	7730.2	-1225.5	-13.7
1984	W	15686.9	15541.9	-145.0	-0.9
1985	D	5994.5	3735.6	-2258.9	-37.7
1986	W	500.0	1425.3	925.3	185.1
1987	D	2824.4	1629.6	-1194.8	-42.3
1988	C	1621.1	1290.2	-330.9	-20.4
1989	D	385.0	679.2	294.2	76.4
1990	C	2121.5	1932.3	-189.2	-8.9
1991	C	1503.2	1160.8	-342.4	-22.8
1992	C	1608.2	656.4	-951.8	-59.2
1993	AN	375.0	639.0	264.0	70.4
	Mean:	3175.8	2381.8	-793.9	-14.6
	Median:	2189.9	1773.1	-591.8	-22.4
	Min:	375.0	436.3	-3245.2	-66.7
	Max:	15722.2	16335.7	925.3	185.1

Lower American River Flow at the Mouth

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1667.7	1941.2	273.5	16.4
1923	BN	6566.6	6761.8	195.2	3.0
1924	C	2689.4	1839.6	-849.8	-31.6
1925	D	500.0	785.7	285.7	57.1
1926	D	1754.9	1860.8	105.8	6.0
1927	W	1279.5	957.3	-322.2	-25.2
1928	AN	2061.6	2124.9	63.3	3.1
1929	C	1618.8	1627.5	8.7	0.5
1930	D	1418.9	1002.4	-416.5	-29.4
1931	C	1549.1	1612.9	63.8	4.1
1932	D	500.9	794.1	293.2	58.5
1933	C	1595.0	1868.3	273.3	17.1
1934	C	500.0	757.1	257.1	51.4
1935	BN	500.0	683.6	183.6	36.7
1936	BN	2145.9	1859.2	-286.8	-13.4
1937	BN	2116.0	1883.5	-232.5	-11.0
1938	W	6020.8	4720.1	-1300.7	-21.6
1939	D	1787.9	1845.5	57.6	3.2
1940	AN	500.0	1065.3	565.3	113.1
1941	W	4386.3	4168.0	-218.3	-5.0
1942	W	5298.6	5483.4	184.9	3.5
1943	W	4315.9	4497.4	181.5	4.2
1944	D	1814.6	1860.8	46.2	2.5
1945	BN	1762.8	1867.3	104.4	5.9
1946	BN	8631.3	8696.8	65.5	0.8
1947	D	1813.0	1858.8	45.9	2.5
1948	BN	1477.4	1288.5	-188.9	-12.8
1949	D	1866.2	1896.7	30.5	1.6
1950	BN	1616.7	1857.5	240.8	14.9
1951	AN	16352.4	15900.3	-452.1	-2.8
1952	W	5437.8	5684.7	246.9	4.5
1953	W	2058.0	2507.3	449.2	21.8
1954	AN	1775.6	1830.9	55.2	3.1
1955	D	1608.6	1911.2	302.5	18.8
1956	W	14852.7	14555.6	-297.1	-2.0
1957	AN	1756.6	1826.2	69.6	4.0
1958	W	1681.8	1878.6	196.9	11.7
1959	BN	1806.8	1840.0	33.2	1.8
1960	D	500.0	662.0	162.0	32.4
1961	D	1434.1	1449.4	15.2	1.1
1962	BN	500.0	683.2	183.2	36.6
1963	W	2987.8	3169.2	181.3	6.1
1964	D	1781.2	1809.5	28.3	1.6
1965	W	16478.5	18941.3	2462.8	14.9
1966	BN	1800.3	1874.8	74.5	4.1
1967	W	1817.3	2458.5	641.2	35.3
1968	BN	1791.9	1836.5	44.5	2.5
1969	W	1529.3	948.9	-580.4	-38.0
1970	W	5185.5	5483.5	298.0	5.7
1971	W	5806.3	4932.7	-873.6	-15.0
1972	BN	2382.4	2677.0	294.5	12.4
1973	AN	2500.4	995.8	-1504.6	-60.2
1974	W	7122.2	7083.7	-38.5	-0.5
1975	W	1841.1	1883.6	42.5	2.3
1976	C	1765.7	1823.6	57.9	3.3
1977	C	1478.6	650.7	-827.9	-56.0
1978	AN	500.0	500.0	0.0	0.0
1979	BN	1717.6	1846.1	128.5	7.5
1980	AN	1855.7	1901.4	45.8	2.5
1981	D	1783.9	1870.6	86.6	4.9
1982	W	14341.3	14086.5	-254.8	-1.8
1983	W	8838.7	8905.7	67.0	0.8
1984	W	14829.2	14806.0	-23.2	-0.2
1985	D	2152.9	2312.7	159.7	7.4
1986	W	1594.6	1373.8	-220.8	-13.8
1987	D	1821.5	1847.7	26.3	1.4
1988	C	1452.3	1340.1	-112.2	-7.7
1989	D	1600.7	692.9	-907.7	-56.7
1990	C	2066.7	1705.0	-361.7	-17.5
1991	C	500.0	1174.5	674.5	134.9
1992	C	1428.5	679.7	-748.8	-52.4
1993	AN	500.0	754.8	254.8	51.0
	Mean:	3233.0	3230.0	-2.9	5.1
	Median:	1789.9	1859.0	57.8	2.8
	Min:	500.0	500.0	-1504.6	-60.2
	Max:	16478.5	18941.3	2462.8	134.9

Lower American River Flow at the Mouth

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1201.3	1642.2	440.9	36.7
1923	BN	4362.8	4308.6	-54.2	-1.2
1924	C	1591.4	1562.4	-29.0	-1.8
1925	D	1468.4	718.7	-749.6	-51.0
1926	D	1730.5	1558.0	-172.5	-10.0
1927	W	3571.7	3274.4	-297.2	-8.3
1928	AN	1864.2	1641.5	-222.7	-11.9
1929	C	1183.8	1579.3	395.4	33.4
1930	D	1030.7	980.7	-50.0	-4.9
1931	C	1171.0	1385.9	214.9	18.4
1932	D	1544.5	650.1	-894.4	-57.9
1933	C	1194.1	1580.8	386.7	32.4
1934	C	365.1	670.9	305.8	83.8
1935	BN	1426.6	715.2	-711.4	-49.9
1936	BN	5031.1	5483.3	452.2	9.0
1937	BN	1556.4	1572.6	16.3	1.0
1938	W	2856.8	2593.0	-263.8	-9.2
1939	D	1361.9	1541.8	179.8	13.2
1940	AN	3526.1	2841.2	-684.9	-19.4
1941	W	5504.5	5557.8	53.3	1.0
1942	W	9088.1	8994.7	-93.4	-1.0
1943	W	10582.9	10584.4	1.6	0.0
1944	D	1372.1	1553.1	181.0	13.2
1945	BN	1256.5	1573.8	317.4	25.3
1946	BN	4906.2	4812.9	-93.3	-1.9
1947	D	1303.7	1565.8	262.2	20.1
1948	BN	1058.4	1268.5	210.1	19.9
1949	D	1374.3	1588.5	214.2	15.6
1950	BN	2899.4	1588.9	-1310.5	-45.2
1951	AN	10727.0	9969.6	-757.5	-7.1
1952	W	8889.6	8874.9	-14.7	-0.2
1953	W	6929.6	6996.1	66.5	1.0
1954	AN	1828.8	1704.0	-124.7	-6.8
1955	D	1727.4	1622.6	-104.7	-6.1
1956	W	16889.1	16314.4	-574.7	-3.4
1957	AN	1364.4	1548.3	183.9	13.5
1958	W	2275.8	2584.4	308.6	13.6
1959	BN	1800.0	1600.3	-199.7	-11.1
1960	D	1169.0	690.8	-478.2	-40.9
1961	D	1057.3	1460.0	402.7	38.1
1962	BN	1303.5	643.6	-659.8	-50.6
1963	W	3368.2	3736.9	368.7	10.9
1964	D	2240.5	2378.8	138.3	6.2
1965	W	16053.3	12750.3	-3303.0	-20.6
1966	BN	1806.8	1769.2	-37.6	-2.1
1967	W	6729.0	6723.2	-5.8	-0.1
1968	BN	1859.1	1876.1	17.0	0.9
1969	W	14371.7	14498.2	126.5	0.9
1970	W	19165.0	20848.9	1683.8	8.8
1971	W	4440.6	4503.4	62.8	1.4
1972	BN	1803.4	1744.1	-59.3	-3.3
1973	AN	9105.9	8447.7	-658.2	-7.2
1974	W	10400.6	11417.6	1017.0	9.8
1975	W	1786.9	1564.1	-222.8	-12.5
1976	C	1336.8	1564.2	227.4	17.0
1977	C	341.9	642.0	300.1	87.8
1978	AN	2505.6	2107.9	-397.7	-15.9
1979	BN	1651.8	1605.2	-46.6	-2.8
1980	AN	15564.0	16825.8	1261.8	8.1
1981	D	1396.7	1595.4	198.7	14.2
1982	W	9038.9	7922.8	-1116.0	-12.3
1983	W	7294.6	7365.8	71.2	1.0
1984	W	6710.5	6316.9	-393.6	-5.9
1985	D	1837.5	1568.2	-269.3	-14.7
1986	W	2653.2	2517.5	-135.7	-5.1
1987	D	1386.3	1549.9	163.6	11.8
1988	C	1040.0	1302.2	262.2	25.2
1989	D	1405.5	635.5	-769.9	-54.8
1990	C	1602.2	1474.8	-127.5	-8.0
1991	C	342.4	942.1	599.7	175.1
1992	C	350.8	650.2	299.4	85.4
1993	AN	4368.8	3302.5	-1066.3	-24.4
	Mean:	3990.3	3910.4	-80.0	3.7
	Median:	1805.1	1632.1	-10.3	-0.2
	Min:	341.9	635.5	-3303.0	-57.9
	Max:	19165.0	20848.9	1683.8	175.1

Lower American River Flow at the Mouth

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6397.1	4912.8	-1484.3	-23.2
1923	BN	2880.9	2829.3	-51.6	-1.8
1924	C	475.8	1362.3	886.5	186.3
1925	D	5107.4	4566.4	-541.0	-10.6
1926	D	2255.2	1382.8	-872.4	-38.7
1927	W	13471.3	13277.4	-194.0	-1.4
1928	AN	1887.8	2054.9	167.1	8.9
1929	C	440.3	1320.3	880.1	199.9
1930	D	1673.0	921.3	-751.7	-44.9
1931	C	1500.5	1135.6	-365.0	-24.3
1932	D	4100.4	2813.3	-1287.1	-31.4
1933	C	333.3	1271.1	937.8	281.4
1934	C	1634.4	700.0	-934.4	-57.2
1935	BN	1799.5	634.3	-1165.1	-64.7
1936	BN	13932.2	13363.5	-568.7	-4.1
1937	BN	3342.9	2655.7	-687.2	-20.6
1938	W	9718.5	9639.2	-79.4	-0.8
1939	D	1723.6	1269.3	-454.4	-26.4
1940	AN	10811.1	10433.8	-377.3	-3.5
1941	W	7988.3	7815.7	-172.6	-2.2
1942	W	10015.3	9698.3	-316.9	-3.2
1943	W	6904.9	6873.6	-31.3	-0.5
1944	D	1849.7	1387.7	-462.0	-25.0
1945	BN	8924.9	8482.5	-442.4	-5.0
1946	BN	3155.4	3278.3	122.9	3.9
1947	D	1776.4	1595.5	-180.9	-10.2
1948	BN	1582.4	1277.0	-305.4	-19.3
1949	D	1782.4	1396.2	-386.2	-21.7
1950	BN	5669.2	5365.5	-303.6	-5.4
1951	AN	8203.2	7996.8	-206.3	-2.5
1952	W	10169.3	9275.8	-893.5	-8.8
1953	W	2190.0	1984.5	-205.5	-9.4
1954	AN	3016.2	3231.9	215.7	7.2
1955	D	2133.3	2043.9	-89.4	-4.2
1956	W	7191.4	5968.1	-1223.3	-17.0
1957	AN	3021.1	3071.0	50.0	1.7
1958	W	10312.3	9923.4	-389.0	-3.8
1959	BN	2501.9	2845.1	343.2	13.7
1960	D	1269.3	684.6	-584.7	-46.1
1961	D	346.8	1199.4	852.6	245.9
1962	BN	2333.5	780.2	-1553.3	-66.6
1963	W	10461.2	11611.7	1150.6	11.0
1964	D	2139.3	1551.4	-587.9	-27.5
1965	W	5240.5	5144.5	-96.0	-1.8
1966	BN	1869.8	1691.8	-178.0	-9.5
1967	W	4437.6	4126.7	-310.9	-7.0
1968	BN	5993.3	6577.4	584.1	9.7
1969	W	10140.7	9006.5	-1134.2	-11.2
1970	W	7370.3	5814.5	-1555.8	-21.1
1971	W	3924.0	3699.5	-224.5	-5.7
1972	BN	2869.8	2857.8	-12.0	-0.4
1973	AN	7073.5	6949.1	-124.4	-1.8
1974	W	4704.0	4169.5	-534.6	-11.4
1975	W	3171.4	3647.4	475.9	15.0
1976	C	532.2	1307.9	775.7	145.8
1977	C	340.8	630.6	289.8	85.0
1978	AN	5069.3	4782.9	-286.4	-5.6
1979	BN	2549.6	2829.7	280.2	11.0
1980	AN	16132.5	13163.0	-2969.5	-18.4
1981	D	1789.0	1520.7	-268.3	-15.0
1982	W	15699.2	15088.4	-610.8	-3.9
1983	W	12842.5	12197.1	-645.3	-5.0
1984	W	6348.9	5519.2	-829.7	-13.1
1985	D	1815.4	1588.3	-227.1	-12.5
1986	W	30736.2	32809.0	2072.8	6.7
1987	D	580.8	1312.6	731.7	126.0
1988	C	1200.1	1241.4	41.2	3.4
1989	D	1379.6	2314.5	934.9	67.8
1990	C	1150.8	1362.3	211.6	18.4
1991	C	378.1	812.9	434.8	115.0
1992	C	472.6	761.1	288.5	61.0
1993	AN	6542.6	5957.3	-585.3	-8.9
	Mean:	5010.8	4788.4	-222.4	11.7
	Median:	3018.6	2851.4	-225.8	-4.2
	Min:	333.3	630.6	-2969.5	-66.6
	Max:	30736.2	32809.0	2072.8	281.4

Lower American River Flow at the Mouth

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3404.3	3081.9	-322.3	-9.5
1923	BN	2511.5	1540.5	-971.0	-38.7
1924	C	749.6	1091.0	341.4	45.5
1925	D	4805.4	4727.8	-77.6	-1.6
1926	D	1578.6	809.4	-769.3	-48.7
1927	W	4817.8	4107.6	-710.2	-14.7
1928	AN	11811.1	12573.9	762.8	6.5
1929	C	723.6	1348.0	624.3	86.3
1930	D	1719.9	2100.5	380.7	22.1
1931	C	1107.5	743.7	-363.8	-32.8
1932	D	2471.7	1801.5	-670.1	-27.1
1933	C	1479.0	1303.0	-175.9	-11.9
1934	C	1693.2	1497.0	-196.2	-11.6
1935	BN	1362.9	1644.2	281.3	20.6
1936	BN	4223.6	3708.5	-515.2	-12.2
1937	BN	4330.8	4258.1	-72.7	-1.7
1938	W	10997.9	10656.9	-340.9	-3.1
1939	D	921.0	662.7	-258.3	-28.0
1940	AN	10016.2	10414.8	398.6	4.0
1941	W	4821.0	4458.0	-363.0	-7.5
1942	W	2642.7	2031.4	-611.3	-23.1
1943	W	12065.7	12278.8	213.1	1.8
1944	D	1284.8	1581.0	296.2	23.1
1945	BN	2115.2	1712.1	-403.1	-19.1
1946	BN	2264.6	1774.9	-489.7	-21.6
1947	D	2003.2	1267.1	-736.1	-36.7
1948	BN	699.5	1629.1	929.6	132.9
1949	D	2346.3	2368.7	22.4	1.0
1950	BN	3260.2	2815.2	-445.0	-13.6
1951	AN	3218.2	3443.2	225.0	7.0
1952	W	6688.0	5806.1	-881.9	-13.2
1953	W	1701.9	1584.3	-117.6	-6.9
1954	AN	4243.7	4178.5	-65.3	-1.5
1955	D	1192.6	1556.3	363.8	30.5
1956	W	2242.8	1430.4	-812.4	-36.2
1957	AN	4346.5	4178.6	-167.9	-3.9
1958	W	7260.2	6322.4	-937.8	-12.9
1959	BN	1614.7	1371.2	-243.5	-15.1
1960	D	3595.2	3523.2	-72.0	-2.0
1961	D	653.6	900.1	246.4	37.7
1962	BN	1860.7	1606.8	-253.9	-13.6
1963	W	3187.3	1723.2	-1464.1	-45.9
1964	D	1038.4	1576.2	537.8	51.8
1965	W	1780.4	1761.7	-18.7	-1.1
1966	BN	1390.0	800.4	-589.5	-42.4
1967	W	6311.7	5830.0	-481.7	-7.6
1968	BN	1989.7	1863.3	-126.5	-6.4
1969	W	4051.1	3335.9	-715.3	-17.7
1970	W	2102.9	2103.3	0.4	0.0
1971	W	3269.2	3082.9	-186.3	-5.7
1972	BN	3584.8	3812.2	227.4	6.3
1973	AN	3425.5	3071.2	-354.2	-10.3
1974	W	9316.9	9019.6	-297.3	-3.2
1975	W	4656.3	4303.4	-352.9	-7.6
1976	C	659.4	626.9	-32.5	-4.9
1977	C	432.2	250.0	-182.2	-42.2
1978	AN	5604.5	5730.0	125.6	2.2
1979	BN	3140.4	3140.6	0.2	0.0
1980	AN	3248.0	3218.2	-29.8	-0.9
1981	D	956.8	722.0	-234.8	-24.5
1982	W	7234.0	7276.1	42.1	0.6
1983	W	16480.2	16130.2	-350.0	-2.1
1984	W	1950.7	2253.5	302.8	15.5
1985	D	1208.5	1419.0	210.5	17.4
1986	W	13566.6	10643.7	-2923.0	-21.5
1987	D	813.7	684.1	-129.7	-15.9
1988	C	1007.7	613.6	-394.1	-39.1
1989	D	6564.6	7896.9	1332.3	20.3
1990	C	759.3	958.5	199.2	26.2
1991	C	538.3	933.0	394.8	73.3
1992	C	969.9	250.0	-719.9	-74.2
1993	AN	7445.8	7155.9	-289.9	-3.9
	Mean:	3632.4	3445.5	-186.9	-3.0
	Median:	2409.0	2066.0	-179.1	-5.3
	Min:	432.2	250.0	-2923.0	-74.2
	Max:	16480.2	16130.2	1332.3	132.9

Lower American River Flow at the Mouth

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4718.0	4032.0	-686.0	-14.5
1923	BN	3911.6	4193.9	282.3	7.2
1924	C	630.2	736.7	106.5	16.9
1925	D	2207.4	1403.6	-803.8	-36.4
1926	D	2578.0	2482.7	-95.4	-3.7
1927	W	8209.4	7336.7	-872.6	-10.6
1928	AN	5138.9	4340.7	-798.2	-15.5
1929	C	2330.2	1338.9	-991.2	-42.5
1930	D	1467.4	1565.3	97.9	6.7
1931	C	1314.6	705.7	-608.9	-46.3
1932	D	1849.9	1418.3	-431.6	-23.3
1933	C	3348.6	2454.7	-893.9	-26.7
1934	C	3122.3	3184.4	62.1	2.0
1935	BN	7512.1	5428.9	-2083.1	-27.7
1936	BN	5668.3	5027.5	-640.7	-11.3
1937	BN	4389.7	3823.3	-566.4	-12.9
1938	W	8102.7	7381.4	-721.2	-8.9
1939	D	1267.8	1379.3	111.5	8.8
1940	AN	6222.9	5338.0	-884.9	-14.2
1941	W	3970.9	3320.8	-650.1	-16.4
1942	W	6406.2	5624.0	-782.2	-12.2
1943	W	5129.5	4428.3	-701.2	-13.7
1944	D	1662.4	1579.9	-82.5	-5.0
1945	BN	2564.4	1826.3	-738.2	-28.8
1946	BN	4115.2	3216.1	-899.1	-21.8
1947	D	2810.6	2292.0	-518.6	-18.5
1948	BN	2606.9	1624.5	-982.4	-37.7
1949	D	3463.1	2829.0	-634.1	-18.3
1950	BN	4963.6	4251.7	-711.8	-14.3
1951	AN	2743.2	2454.7	-288.5	-10.5
1952	W	9643.3	8181.7	-1461.6	-15.2
1953	W	3129.7	2152.8	-976.9	-31.2
1954	AN	4525.2	3955.6	-569.6	-12.6
1955	D	1400.7	1585.8	185.1	13.2
1956	W	2267.4	2040.6	-226.7	-10.0
1957	AN	2341.4	1675.6	-665.8	-28.4
1958	W	10974.5	9910.1	-1064.4	-9.7
1959	BN	1350.7	827.7	-523.0	-38.7
1960	D	3423.1	3134.0	-289.2	-8.4
1961	D	1636.7	861.4	-775.4	-47.4
1962	BN	4013.3	2552.1	-1461.2	-36.4
1963	W	6225.0	5839.4	-385.5	-6.2
1964	D	1841.5	1545.8	-295.7	-16.1
1965	W	4752.1	4477.6	-274.6	-5.8
1966	BN	1687.4	1494.0	-193.5	-11.5
1967	W	5348.0	3521.6	-1826.4	-34.2
1968	BN	1756.5	1238.9	-517.6	-29.5
1969	W	7249.4	6019.4	-1230.0	-17.0
1970	W	1809.2	1390.4	-418.8	-23.1
1971	W	3346.9	2650.8	-696.2	-20.8
1972	BN	1792.8	1551.5	-241.3	-13.5
1973	AN	2661.2	1959.9	-701.3	-26.4
1974	W	6984.6	5609.7	-1374.9	-19.7
1975	W	2865.4	1656.5	-1208.9	-42.2
1976	C	555.6	627.2	71.7	12.9
1977	C	375.9	188.0	-187.9	-50.0
1978	AN	4349.9	3257.2	-1092.7	-25.1
1979	BN	2033.8	1462.3	-571.5	-28.1
1980	AN	2531.3	2073.3	-457.9	-18.1
1981	D	1618.7	509.0	-1109.7	-68.6
1982	W	14097.7	13982.7	-115.0	-0.8
1983	W	7868.4	6004.5	-1863.9	-23.7
1984	W	2221.5	1862.4	-359.1	-16.2
1985	D	2925.4	1312.5	-1612.9	-55.1
1986	W	2213.7	2213.0	-0.8	0.0
1987	D	1998.2	748.2	-1250.1	-62.6
1988	C	685.3	653.2	-32.1	-4.7
1989	D	4592.0	2763.0	-1829.0	-39.8
1990	C	2181.3	2109.4	-71.9	-3.3
1991	C	1129.2	1128.9	-0.3	0.0
1992	C	2816.8	3011.5	194.7	6.9
1993	AN	4674.2	3066.2	-1608.0	-34.4
	Mean:	3698.9	3053.1	-645.8	-18.8
	Median:	2841.1	2373.3	-637.4	-16.2
	Min:	375.9	188.0	-2083.1	-68.6
	Max:	14097.7	13982.7	282.3	16.9

Lower American River Flow at the Mouth

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9421.8	8780.5	-641.3	-6.8
1923	BN	3998.3	3891.1	-107.2	-2.7
1924	C	617.8	646.2	28.5	4.6
1925	D	4059.3	3188.2	-871.1	-21.5
1926	D	1974.8	1725.1	-249.8	-12.6
1927	W	4088.4	4018.1	-70.3	-1.7
1928	AN	2721.7	2366.7	-355.0	-13.0
1929	C	1333.8	1283.1	-50.7	-3.8
1930	D	1627.9	1550.7	-77.2	-4.7
1931	C	459.3	727.2	267.9	58.3
1932	D	2996.8	2580.1	-416.7	-13.9
1933	C	415.0	1249.3	834.3	201.0
1934	C	874.6	701.5	-173.1	-19.8
1935	BN	4437.5	3854.7	-582.8	-13.1
1936	BN	2969.5	3323.6	354.1	11.9
1937	BN	3348.5	3213.7	-134.8	-4.0
1938	W	9195.4	8879.5	-315.9	-3.4
1939	D	1280.2	621.0	-659.2	-51.5
1940	AN	3081.4	2466.4	-615.0	-20.0
1941	W	4807.6	4346.3	-461.3	-9.6
1942	W	6423.3	6017.2	-406.1	-6.3
1943	W	2805.0	1902.4	-902.6	-32.2
1944	D	2309.9	1329.4	-980.5	-42.4
1945	BN	3285.5	2799.9	-485.6	-14.8
1946	BN	3147.4	2978.6	-168.8	-5.4
1947	D	1835.6	1183.9	-651.7	-35.5
1948	BN	4172.0	1889.3	-2282.6	-54.7
1949	D	2741.9	1783.5	-958.4	-35.0
1950	BN	3187.6	3375.4	187.8	5.9
1951	AN	3713.4	2855.5	-857.9	-23.1
1952	W	10020.1	10672.9	652.9	6.5
1953	W	3015.2	2201.1	-814.1	-27.0
1954	AN	2761.0	1953.0	-808.1	-29.3
1955	D	2328.2	1326.1	-1002.1	-43.0
1956	W	6234.6	6231.9	-2.7	0.0
1957	AN	2437.3	2034.1	-403.2	-16.5
1958	W	9141.9	9294.0	152.1	1.7
1959	BN	1784.0	787.3	-996.6	-55.9
1960	D	1954.3	1534.6	-419.7	-21.5
1961	D	1694.0	846.6	-847.4	-50.0
1962	BN	2687.5	1308.1	-1379.3	-51.3
1963	W	6888.1	6381.0	-507.2	-7.4
1964	D	1670.3	1553.3	-117.0	-7.0
1965	W	3900.0	3336.0	-564.0	-14.5
1966	BN	2223.9	876.0	-1347.9	-60.6
1967	W	7928.6	7715.3	-213.2	-2.7
1968	BN	1626.6	1246.2	-380.4	-23.4
1969	W	7923.4	8463.1	539.6	6.8
1970	W	2764.8	1317.1	-1447.7	-52.4
1971	W	3131.7	2377.8	-753.8	-24.1
1972	BN	1944.2	1550.7	-393.5	-20.2
1973	AN	3970.4	3629.5	-340.9	-8.6
1974	W	4270.9	4139.9	-131.0	-3.1
1975	W	5186.0	4504.5	-681.5	-13.1
1976	C	717.6	605.8	-111.8	-15.6
1977	C	386.6	188.0	-198.6	-51.4
1978	AN	3711.3	2808.6	-902.7	-24.3
1979	BN	3817.6	3606.4	-211.2	-5.5
1980	AN	3045.0	2279.4	-765.6	-25.1
1981	D	1929.3	650.5	-1278.8	-66.3
1982	W	9470.8	8589.5	-881.3	-9.3
1983	W	9531.5	9783.1	251.5	2.6
1984	W	2724.1	2058.5	-665.6	-24.4
1985	D	2205.6	1348.1	-857.6	-38.9
1986	W	2821.6	2375.9	-445.7	-15.8
1987	D	1232.4	603.8	-628.7	-51.0
1988	C	1610.2	621.3	-988.8	-61.4
1989	D	3378.5	2428.6	-949.9	-28.1
1990	C	816.7	972.1	155.4	19.0
1991	C	1554.0	755.0	-799.1	-51.4
1992	C	1468.3	394.2	-1074.1	-73.2
1993	AN	4599.6	4682.0	82.4	1.8
	Mean:	3470.0	2993.9	-476.1	-16.7
	Median:	2895.6	2240.2	-453.5	-15.2
	Min:	386.6	188.0	-2282.6	-73.2
	Max:	10020.1	10672.9	834.3	201.0

Lower American River Flow at the Mouth

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8577.5	8501.4	-76.1	-0.9
1923	BN	2903.4	2049.4	-854.0	-29.4
1924	C	1372.7	1007.0	-365.8	-26.6
1925	D	4744.8	4742.7	-2.1	0.0
1926	D	4215.3	3310.0	-905.3	-21.5
1927	W	4995.6	4775.1	-220.5	-4.4
1928	AN	2940.0	2130.2	-809.8	-27.5
1929	C	2407.3	946.4	-1460.9	-60.7
1930	D	1930.2	2689.7	759.5	39.3
1931	C	1954.2	426.3	-1527.9	-78.2
1932	D	4749.9	4743.9	-6.0	-0.1
1933	C	2779.7	2349.2	-430.4	-15.5
1934	C	1890.6	1895.8	5.2	0.3
1935	BN	3615.8	3058.2	-557.6	-15.4
1936	BN	4437.5	4235.6	-201.9	-4.5
1937	BN	3937.1	3470.6	-466.5	-11.8
1938	W	8121.1	8236.4	115.3	1.4
1939	D	2049.8	2100.3	50.5	2.5
1940	AN	2246.2	1739.7	-506.5	-22.5
1941	W	3111.1	2647.1	-464.0	-14.9
1942	W	6367.0	6439.9	72.8	1.1
1943	W	2918.8	2442.6	-476.1	-16.3
1944	D	2717.9	2258.6	-459.3	-16.9
1945	BN	3494.7	3088.8	-405.9	-11.6
1946	BN	3266.7	3041.3	-225.4	-6.9
1947	D	2171.3	1663.5	-507.8	-23.4
1948	BN	4326.6	4343.7	17.1	0.4
1949	D	4006.7	3646.7	-359.9	-9.0
1950	BN	3862.2	3460.5	-401.7	-10.4
1951	AN	2331.4	1228.8	-1102.6	-47.3
1952	W	9454.5	9578.7	124.2	1.3
1953	W	5474.2	5465.6	-8.6	-0.2
1954	AN	2207.2	1828.6	-378.6	-17.2
1955	D	3610.0	2697.1	-912.8	-25.3
1956	W	5646.5	5014.3	-632.2	-11.2
1957	AN	3647.5	3077.8	-569.7	-15.6
1958	W	6875.0	6858.7	-16.3	-0.2
1959	BN	1533.6	2409.5	875.9	57.1
1960	D	2940.8	2480.4	-460.4	-15.7
1961	D	1182.2	710.5	-471.6	-39.9
1962	BN	1745.1	1747.6	2.5	0.1
1963	W	3067.8	2495.6	-572.2	-18.7
1964	D	2495.2	1511.1	-984.1	-39.4
1965	W	3218.5	2761.4	-457.1	-14.2
1966	BN	2598.4	2795.6	197.2	7.6
1967	W	8896.8	9624.7	727.9	8.2
1968	BN	2020.8	2238.8	218.0	10.8
1969	W	6009.1	5725.4	-283.8	-4.7
1970	W	1779.3	1512.7	-266.6	-15.0
1971	W	4395.2	4150.3	-244.9	-5.6
1972	BN	4761.5	4756.3	-5.3	-0.1
1973	AN	3911.4	3650.4	-261.0	-6.7
1974	W	3882.0	3347.5	-534.5	-13.8
1975	W	5474.3	5444.9	-29.4	-0.5
1976	C	472.9	569.5	96.6	20.4
1977	C	285.8	188.0	-97.8	-34.2
1978	AN	4177.2	3275.3	-902.0	-21.6
1979	BN	4739.3	4730.8	-8.6	-0.2
1980	AN	3080.8	2647.5	-433.3	-14.1
1981	D	1581.8	3272.6	1690.8	106.9
1982	W	5978.4	5243.7	-734.6	-12.3
1983	W	13420.4	13542.6	122.3	0.9
1984	W	3168.3	2520.2	-648.1	-20.5
1985	D	2960.6	2929.3	-31.3	-1.1
1986	W	3494.1	2735.0	-759.1	-21.7
1987	D	1870.6	1521.4	-349.2	-18.7
1988	C	1250.8	575.8	-674.9	-54.0
1989	D	3266.3	3587.5	321.2	9.8
1990	C	1964.5	891.4	-1073.1	-54.6
1991	C	1835.1	1518.4	-316.7	-17.3
1992	C	962.0	1407.4	445.4	46.3
1993	AN	4813.4	4591.5	-221.9	-4.6
	Mean:	3674.9	3393.1	-281.8	-9.4
	Median:	3193.4	2778.5	-333.0	-11.4
	Min:	285.8	188.0	-1527.9	-78.2
	Max:	13420.4	13542.6	1690.8	106.9

Lower American River Flow at the Mouth

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3637.3	3265.9	-371.4	-10.2
1923	BN	4611.6	4427.8	-183.8	-4.0
1924	C	984.1	785.0	-199.1	-20.2
1925	D	4596.1	4406.1	-190.0	-4.1
1926	D	2188.5	2337.2	148.7	6.8
1927	W	4602.2	4406.0	-196.2	-4.3
1928	AN	3810.8	3584.1	-226.7	-5.9
1929	C	1895.0	930.4	-964.6	-50.9
1930	D	4621.1	2676.6	-1944.5	-42.1
1931	C	1090.5	577.1	-513.4	-47.1
1932	D	4597.4	4408.0	-189.4	-4.1
1933	C	2699.7	1776.3	-923.4	-34.2
1934	C	1242.6	1125.1	-117.5	-9.5
1935	BN	4605.0	4419.4	-185.6	-4.0
1936	BN	4599.8	4412.0	-187.8	-4.1
1937	BN	4603.8	4418.1	-185.7	-4.0
1938	W	2669.3	2498.6	-170.7	-6.4
1939	D	1851.9	1697.3	-154.6	-8.3
1940	AN	4618.6	4433.2	-185.4	-4.0
1941	W	2403.5	2262.0	-141.5	-5.9
1942	W	4616.1	3606.0	-1010.1	-21.9
1943	W	4619.9	4426.6	-193.3	-4.2
1944	D	2588.8	2019.0	-569.7	-22.0
1945	BN	4607.2	4420.6	-186.6	-4.1
1946	BN	4610.0	4422.3	-187.7	-4.1
1947	D	2332.2	1565.5	-766.7	-32.9
1948	BN	4084.7	3660.6	-424.0	-10.4
1949	D	3873.3	3717.3	-156.0	-4.0
1950	BN	4603.7	4417.0	-186.7	-4.1
1951	AN	4617.1	4435.5	-181.5	-3.9
1952	W	4012.9	3457.7	-555.2	-13.8
1953	W	4589.4	4398.3	-191.1	-4.2
1954	AN	3211.4	2973.2	-238.1	-7.4
1955	D	2394.5	2204.4	-190.1	-7.9
1956	W	2911.4	2210.6	-700.8	-24.1
1957	AN	4604.0	4417.1	-187.0	-4.1
1958	W	2341.3	2158.7	-182.6	-7.8
1959	BN	4625.5	4428.3	-197.2	-4.3
1960	D	2546.9	1661.3	-885.7	-34.8
1961	D	3901.2	3322.5	-578.8	-14.8
1962	BN	4623.0	4433.1	-189.9	-4.1
1963	W	4618.9	4421.9	-197.0	-4.3
1964	D	3137.1	2607.1	-530.0	-16.9
1965	W	4609.9	4424.1	-185.8	-4.0
1966	BN	2529.6	1685.9	-843.7	-33.4
1967	W	3260.3	3099.2	-161.1	-4.9
1968	BN	3789.7	4022.1	232.4	6.1
1969	W	4253.7	3242.7	-1011.0	-23.8
1970	W	4623.3	4436.0	-187.3	-4.1
1971	W	4599.4	4410.7	-188.8	-4.1
1972	BN	4596.6	4406.7	-189.8	-4.1
1973	AN	4604.0	4358.8	-245.1	-5.3
1974	W	2807.7	2456.6	-351.2	-12.5
1975	W	2896.9	3362.8	465.9	16.1
1976	C	2041.7	958.1	-1083.7	-53.1
1977	C	508.7	1081.5	572.8	112.6
1978	AN	4600.1	4416.5	-183.6	-4.0
1979	BN	4282.2	2978.2	-1304.0	-30.5
1980	AN	2764.9	2683.5	-81.4	-2.9
1981	D	2927.2	2141.9	-785.3	-26.8
1982	W	2509.1	2322.6	-186.5	-7.4
1983	W	5409.4	5034.1	-375.3	-6.9
1984	W	4730.7	4427.3	-303.3	-6.4
1985	D	2273.1	2611.6	338.5	14.9
1986	W	4608.2	4424.6	-183.6	-4.0
1987	D	1801.7	889.0	-912.7	-50.7
1988	C	853.7	246.8	-606.9	-71.1
1989	D	4375.1	2816.4	-1558.8	-35.6
1990	C	1785.7	848.1	-937.6	-52.5
1991	C	2924.4	2295.1	-629.3	-21.5
1992	C	650.2	563.1	-87.1	-13.4
1993	AN	4595.0	4405.4	-189.6	-4.1
	Mean:	3475.2	3101.1	-374.0	-12.0
	Median:	3887.3	3294.2	-190.6	-6.2
	Min:	508.7	246.8	-1944.5	-71.1
	Max:	5409.4	5034.1	572.8	112.6

Lower American River Flow at the Mouth

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4415.4	1631.8	-2783.6	-63.0
1923	BN	2271.8	1167.0	-1104.7	-48.6
1924	C	322.5	548.4	225.9	70.0
1925	D	2931.5	1479.2	-1452.3	-49.5
1926	D	1495.9	1602.2	106.2	7.1
1927	W	1312.3	1167.0	-145.2	-11.1
1928	AN	1773.7	1927.9	154.2	8.7
1929	C	1599.7	933.5	-666.2	-41.6
1930	D	1554.6	1498.4	-56.2	-3.6
1931	C	735.9	410.3	-325.6	-44.2
1932	D	3308.6	2639.7	-668.9	-20.2
1933	C	1574.9	1506.1	-68.9	-4.4
1934	C	747.8	1215.9	468.1	62.6
1935	BN	2600.0	2241.2	-358.8	-13.8
1936	BN	2293.7	2720.2	426.5	18.6
1937	BN	3164.9	2557.6	-607.3	-19.2
1938	W	4250.5	4433.9	183.4	4.3
1939	D	631.7	983.0	351.3	55.6
1940	AN	1528.8	1624.7	96.0	6.3
1941	W	4413.0	4158.2	-254.8	-5.8
1942	W	2013.1	2197.1	184.0	9.1
1943	W	1367.7	1167.0	-200.7	-14.7
1944	D	1918.4	1200.3	-718.1	-37.4
1945	BN	1291.9	1583.6	291.8	22.6
1946	BN	1181.4	1167.9	-13.6	-1.2
1947	D	1001.8	1176.6	174.8	17.4
1948	BN	2008.0	1262.2	-745.7	-37.1
1949	D	1048.0	1180.8	132.8	12.7
1950	BN	1594.2	1860.3	266.1	16.7
1951	AN	1989.4	1167.4	-822.0	-41.3
1952	W	3110.7	3846.2	735.5	23.6
1953	W	2495.4	1746.4	-749.0	-30.0
1954	AN	2004.9	1181.7	-823.2	-41.1
1955	D	1812.3	1499.3	-313.0	-17.3
1956	W	1758.2	3416.3	1658.1	94.3
1957	AN	2745.0	1661.2	-1083.7	-39.5
1958	W	2319.1	3495.2	1176.1	50.7
1959	BN	250.0	716.7	466.7	186.7
1960	D	1310.8	1496.1	185.3	14.1
1961	D	250.0	690.9	440.9	176.4
1962	BN	1323.8	1169.2	-154.7	-11.7
1963	W	2602.2	1165.5	-1436.7	-55.2
1964	D	1343.6	2195.9	852.2	63.4
1965	W	1472.4	1178.4	-294.0	-20.0
1966	BN	476.1	578.6	102.5	21.5
1967	W	2788.2	3433.1	645.0	23.1
1968	BN	1025.8	1182.7	156.9	15.3
1969	W	4309.3	4075.1	-234.2	-5.4
1970	W	1421.4	1196.2	-225.2	-15.8
1971	W	1804.4	1168.3	-636.1	-35.3
1972	BN	735.6	1479.7	744.2	101.2
1973	AN	1120.5	1167.9	47.4	4.2
1974	W	2618.9	3452.8	833.8	31.8
1975	W	1908.7	1912.0	3.4	0.2
1976	C	267.8	569.8	302.0	112.8
1977	C	198.1	1007.9	809.8	408.9
1978	AN	4361.2	3201.6	-1159.6	-26.6
1979	BN	941.9	1636.7	694.8	73.8
1980	AN	1871.2	3018.6	1147.4	61.3
1981	D	714.7	278.8	-435.9	-61.0
1982	W	3951.8	4432.5	480.8	12.2
1983	W	2173.8	4089.0	1915.2	88.1
1984	W	1239.0	2746.2	1507.2	121.6
1985	D	1752.0	1609.7	-142.3	-8.1
1986	W	1645.7	3362.2	1716.5	104.3
1987	D	352.3	643.7	291.4	82.7
1988	C	741.9	257.3	-484.6	-65.3
1989	D	1356.2	1522.5	166.3	12.3
1990	C	709.4	926.3	216.9	30.6
1991	C	2722.7	1707.6	-1015.1	-37.3
1992	C	480.6	188.0	-292.6	-60.9
1993	AN	2603.4	1422.1	-1181.3	-45.4
	Mean:	1797.7	1779.7	-18.0	16.6
	Median:	1596.9	1497.2	71.7	4.3
	Min:	198.1	188.0	-2783.6	-65.3
	Max:	4415.4	4433.9	1915.2	408.9

Lower American River Flow at the Mouth

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1268.3	3088.4	1820.1	143.5
1923	BN	1349.8	2664.7	1314.9	97.4
1924	C	1232.4	1281.0	48.6	3.9
1925	D	375.0	1412.2	1037.2	276.6
1926	D	1109.7	791.6	-318.1	-28.7
1927	W	986.5	2409.3	1422.9	144.2
1928	AN	375.0	1326.5	951.5	253.7
1929	C	1032.7	972.2	-60.5	-5.9
1930	D	375.0	1333.8	958.8	255.7
1931	C	889.3	490.2	-399.0	-44.9
1932	D	1406.6	1317.6	-89.0	-6.3
1933	C	1063.9	1332.2	268.2	25.2
1934	C	801.2	601.8	-199.3	-24.9
1935	BN	1412.0	1046.6	-365.4	-25.9
1936	BN	1992.4	1908.9	-83.4	-4.2
1937	BN	1466.2	1616.7	150.5	10.3
1938	W	1598.6	2346.8	748.2	46.8
1939	D	813.5	614.7	-198.8	-24.4
1940	AN	1422.4	1042.7	-379.7	-26.7
1941	W	2145.3	1545.6	-599.8	-28.0
1942	W	1418.9	3365.2	1946.2	137.2
1943	W	1705.4	2662.3	956.8	56.1
1944	D	512.5	1446.7	934.1	182.3
1945	BN	1661.7	1172.7	-489.0	-29.4
1946	BN	430.5	1338.6	908.1	211.0
1947	D	1527.2	1190.5	-336.7	-22.0
1948	BN	1373.8	3026.9	1653.1	120.3
1949	D	1558.4	1441.3	-117.1	-7.5
1950	BN	1428.7	1800.6	371.9	26.0
1951	AN	1354.0	1144.2	-209.7	-15.5
1952	W	2163.3	3624.3	1460.9	67.5
1953	W	2163.6	3333.0	1169.4	54.0
1954	AN	1507.6	1046.4	-461.2	-30.6
1955	D	375.0	1343.4	968.4	258.2
1956	W	1432.8	3352.0	1919.1	133.9
1957	AN	2182.4	1071.4	-1111.0	-50.9
1958	W	1911.4	3387.4	1476.0	77.2
1959	BN	375.0	831.1	456.1	121.6
1960	D	1263.5	1391.7	128.2	10.1
1961	D	375.0	760.8	385.8	102.9
1962	BN	1424.3	1330.4	-93.9	-6.6
1963	W	2165.5	1984.9	-180.6	-8.3
1964	D	1854.3	1611.0	-243.3	-13.1
1965	W	985.3	3203.0	2217.7	225.1
1966	BN	1351.4	880.1	-471.3	-34.9
1967	W	1523.0	3560.7	2037.7	133.8
1968	BN	385.4	1242.6	857.2	222.4
1969	W	1397.2	1216.8	-180.5	-12.9
1970	W	1553.4	2214.0	660.7	42.5
1971	W	1022.8	2826.1	1803.3	176.3
1972	BN	375.0	1350.8	975.8	260.2
1973	AN	1563.0	1337.8	-225.2	-14.4
1974	W	2162.1	3458.0	1295.9	59.9
1975	W	1914.3	3261.2	1346.8	70.4
1976	C	407.5	611.2	203.7	50.0
1977	C	282.0	281.0	-1.0	-0.4
1978	AN	2153.7	1035.5	-1118.2	-51.9
1979	BN	836.0	1635.2	799.1	95.6
1980	AN	1455.4	3035.0	1579.7	108.5
1981	D	420.8	656.8	236.0	56.1
1982	W	1540.0	2849.2	1309.2	85.0
1983	W	2210.9	4265.3	2054.4	92.9
1984	W	1427.1	1331.8	-95.3	-6.7
1985	D	1421.2	1655.9	234.7	16.5
1986	W	1439.3	1045.7	-393.6	-27.3
1987	D	660.9	637.8	-23.1	-3.5
1988	C	305.0	324.9	19.9	6.5
1989	D	585.4	1378.8	793.4	135.5
1990	C	1261.0	935.4	-325.6	-25.8
1991	C	1141.1	1328.3	187.2	16.4
1992	C	302.1	281.0	-21.1	-7.0
1993	AN	2162.5	2764.1	601.6	27.8
	Mean:	1243.4	1714.0	470.5	57.1
	Median:	1385.5	1341.0	235.4	25.6
	Min:	282.0	281.0	-1118.2	-51.9
	Max:	2210.9	4265.3	2217.7	276.6

American River Water Temperatures at Nimbus Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	56.6	56.5	-0.1	-0.2
1924	C	61.1	58.1	-3.0	-4.9
1925	D	62.9	62.2	-0.7	-1.1
1926	D	58.5	57.5	-1.0	-1.7
1927	W	62.5	61.8	-0.7	-1.1
1928	AN	58.5	55.3	-3.2	-5.5
1929	C	58.6	58.0	-0.6	-1.0
1930	D	64.0	65.6	1.6	2.5
1931	C	58.9	58.7	-0.2	-0.3
1932	D	64.3	64.2	-0.1	-0.2
1933	C	61.9	59.8	-2.1	-3.4
1934	C	66.4	66.1	-0.3	-0.5
1935	BN	65.4	64.4	-1.0	-1.5
1936	BN	57.9	57.7	-0.2	-0.3
1937	BN	60.1	59.2	-0.9	-1.5
1938	W	57.8	57.7	-0.1	-0.2
1939	D	59.0	56.9	-2.1	-3.6
1940	AN	65.3	62.8	-2.5	-3.8
1941	W	58.4	56.9	-1.5	-2.6
1942	W	56.1	56.1	0.0	0.0
1943	W	57.6	55.2	-2.4	-4.2
1944	D	58.5	57.6	-0.9	-1.5
1945	BN	59.7	57.9	-1.8	-3.0
1946	BN	58.4	57.0	-1.4	-2.4
1947	D	58.1	56.9	-1.2	-2.1
1948	BN	59.2	59.3	0.1	0.2
1949	D	56.2	55.7	-0.5	-0.9
1950	BN	57.4	57.7	0.3	0.5
1951	AN	59.3	56.4	-2.9	-4.9
1952	W	58.2	57.0	-1.2	-2.1
1953	W	59.6	56.4	-3.2	-5.4
1954	AN	58.3	57.2	-1.1	-1.9
1955	D	57.7	56.3	-1.4	-2.4
1956	W	59.8	59.7	-0.1	-0.2
1957	AN	62.2	59.2	-3.0	-4.8
1958	W	58.5	58.3	-0.2	-0.3
1959	BN	65.5	58.9	-6.6	-10.1
1960	D	65.8	65.4	-0.4	-0.6
1961	D	61.0	60.0	-1.0	-1.6
1962	BN	64.5	63.6	-0.9	-1.4
1963	W	59.3	58.8	-0.5	-0.8
1964	D	56.5	56.0	-0.5	-0.9
1965	W	59.5	59.3	-0.2	-0.3
1966	BN	60.8	57.8	-3.0	-4.9
1967	W	63.2	60.0	-3.2	-5.1
1968	BN	67.0	61.3	-5.7	-8.5
1969	W	60.6	60.1	-0.5	-0.8
1970	W	59.1	59.1	0.0	0.0
1971	W	59.8	57.9	-1.9	-3.2
1972	BN	57.9	56.6	-1.3	-2.2
1973	AN	60.2	59.8	-0.4	-0.7
1974	W	56.9	57.1	0.2	0.4
1975	W	59.5	56.5	-3.0	-5.0
1976	C	57.5	55.3	-2.2	-3.8
1977	C	67.1	66.1	-1.0	-1.5
1978	AN	65.1	64.4	-0.7	-1.1
1979	BN	57.7	57.4	-0.3	-0.5
1980	AN	59.2	58.1	-1.1	-1.9
1981	D	61.4	57.6	-3.8	-6.2
1982	W	62.5	60.8	-1.7	-2.7
1983	W	58.3	56.3	-2.0	-3.4
1984	W	61.9	57.0	-4.9	-7.9
1985	D	59.9	57.8	-2.1	-3.5
1986	W	60.0	58.4	-1.6	-2.7
1987	D	59.6	58.1	-1.5	-2.5
1988	C	65.7	63.9	-1.8	-2.7
1989	D	66.9	64.7	-2.2	-3.3
1990	C	61.7	59.7	-2.0	-3.2
1991	C	68.0	67.8	-0.2	-0.3
1992	C	67.4	68.9	1.5	2.2
1993	AN	66.5	66.8	0.3	0.5
	Mean:	60.8	59.4	-1.3	-2.2
	Median:	59.7	58.1	-1.0	-1.7
	Min:	56.1	55.2	-6.6	-10.1
	Max:	68.0	68.9	1.6	2.5

American River Water Temperatures at Nimbus Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.1	54.8	-0.3	-0.5
1924	C	55.7	55.9	0.2	0.4
1925	D	54.3	54.7	0.4	0.7
1926	D	56.7	56.7	0.0	0.0
1927	W	55.9	56.0	0.1	0.2
1928	AN	56.3	56.5	0.2	0.4
1929	C	57.0	57.2	0.2	0.4
1930	D	56.2	57.8	1.6	2.8
1931	C	56.7	57.2	0.5	0.9
1932	D	54.6	54.4	-0.2	-0.4
1933	C	56.0	55.8	-0.2	-0.4
1934	C	56.8	57.0	0.2	0.4
1935	BN	56.0	54.3	-1.7	-3.0
1936	BN	56.6	56.3	-0.3	-0.5
1937	BN	56.4	56.5	0.1	0.2
1938	W	56.6	56.7	0.1	0.2
1939	D	56.7	56.9	0.2	0.4
1940	AN	58.0	57.0	-1.0	-1.7
1941	W	57.0	56.9	-0.1	-0.2
1942	W	56.5	56.5	0.0	0.0
1943	W	56.5	56.7	0.2	0.4
1944	D	56.5	56.4	-0.1	-0.2
1945	BN	56.3	56.1	-0.2	-0.4
1946	BN	56.6	56.7	0.1	0.2
1947	D	55.8	55.8	0.0	0.0
1948	BN	53.6	53.2	-0.4	-0.7
1949	D	56.9	56.9	0.0	0.0
1950	BN	56.6	56.4	-0.2	-0.4
1951	AN	56.3	56.4	0.1	0.2
1952	W	56.7	56.8	0.1	0.2
1953	W	56.5	57.1	0.6	1.1
1954	AN	56.7	56.8	0.1	0.2
1955	D	56.7	56.8	0.1	0.2
1956	W	56.7	56.0	-0.7	-1.2
1957	AN	56.4	56.6	0.2	0.4
1958	W	57.4	57.2	-0.2	-0.3
1959	BN	56.4	56.3	-0.1	-0.2
1960	D	58.8	58.2	-0.6	-1.0
1961	D	57.1	56.9	-0.2	-0.4
1962	BN	56.0	55.0	-1.0	-1.8
1963	W	56.6	56.6	0.0	0.0
1964	D	56.8	56.8	0.0	0.0
1965	W	55.6	55.2	-0.4	-0.7
1966	BN	56.3	56.4	0.1	0.2
1967	W	56.9	56.7	-0.2	-0.4
1968	BN	56.4	56.3	-0.1	-0.2
1969	W	56.5	55.4	-1.1	-1.9
1970	W	56.5	56.5	0.0	0.0
1971	W	56.5	56.8	0.3	0.5
1972	BN	56.8	56.8	0.0	0.0
1973	AN	55.1	53.7	-1.4	-2.5
1974	W	56.2	55.8	-0.4	-0.7
1975	W	56.5	56.7	0.2	0.4
1976	C	56.5	56.2	-0.3	-0.5
1977	C	58.4	58.0	-0.4	-0.7
1978	AN	56.1	56.3	0.2	0.4
1979	BN	57.6	57.2	-0.4	-0.7
1980	AN	57.0	57.3	0.3	0.5
1981	D	56.5	56.2	-0.3	-0.5
1982	W	56.3	56.3	0.0	0.0
1983	W	56.6	56.5	-0.1	-0.2
1984	W	56.3	56.4	0.1	0.2
1985	D	56.6	56.8	0.2	0.4
1986	W	53.8	55.0	1.2	2.2
1987	D	56.3	56.4	0.1	0.2
1988	C	56.9	57.1	0.2	0.4
1989	D	56.9	57.3	0.4	0.7
1990	C	56.7	56.8	0.1	0.2
1991	C	58.9	58.5	-0.4	-0.7
1992	C	56.4	58.2	1.8	3.2
1993	AN	57.4	57.6	0.2	0.3
	Mean:	56.5	56.4	0.0	0.0
	Median:	56.5	56.6	0.0	0.0
	Min:	53.6	53.2	-1.7	-3.0
	Max:	58.9	58.5	1.8	3.2

American River Water Temperatures at Nimbus Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	47.8	47.9	0.1	0.2
1924	C	51.9	51.8	-0.1	-0.2
1925	D	45.6	46.1	0.5	1.1
1926	D	50.1	49.7	-0.4	-0.8
1927	W	50.2	49.8	-0.4	-0.8
1928	AN	49.5	49.6	0.1	0.2
1929	C	49.3	48.9	-0.4	-0.8
1930	D	51.3	50.9	-0.4	-0.8
1931	C	50.4	49.9	-0.5	-1.0
1932	D	46.7	47.0	0.3	0.6
1933	C	49.0	49.3	0.3	0.6
1934	C	47.7	48.1	0.4	0.8
1935	BN	49.1	48.3	-0.8	-1.6
1936	BN	50.4	50.3	-0.1	-0.2
1937	BN	50.4	50.1	-0.3	-0.6
1938	W	51.4	51.1	-0.3	-0.6
1939	D	50.6	50.7	0.1	0.2
1940	AN	51.5	52.1	0.6	1.2
1941	W	51.8	51.7	-0.1	-0.2
1942	W	50.3	50.4	0.1	0.2
1943	W	49.3	49.4	0.1	0.2
1944	D	51.9	51.9	0.0	0.0
1945	BN	50.2	50.2	0.0	0.0
1946	BN	49.2	49.3	0.1	0.2
1947	D	49.3	49.1	-0.2	-0.4
1948	BN	47.6	47.4	-0.2	-0.4
1949	D	48.7	48.7	0.0	0.0
1950	BN	50.4	50.2	-0.2	-0.4
1951	AN	48.6	48.4	-0.2	-0.4
1952	W	49.8	50.0	0.2	0.4
1953	W	50.8	51.0	0.2	0.4
1954	AN	51.8	51.8	0.0	0.0
1955	D	47.9	48.1	0.2	0.4
1956	W	48.6	47.7	-0.9	-1.9
1957	AN	52.0	52.1	0.1	0.2
1958	W	50.5	50.8	0.3	0.6
1959	BN	55.7	55.7	0.0	0.0
1960	D	51.4	51.5	0.1	0.2
1961	D	49.9	49.8	-0.1	-0.2
1962	BN	47.1	46.5	-0.6	-1.3
1963	W	50.9	51.1	0.2	0.4
1964	D	46.9	47.1	0.2	0.4
1965	W	47.5	47.2	-0.3	-0.6
1966	BN	48.9	49.1	0.2	0.4
1967	W	49.4	49.7	0.3	0.6
1968	BN	51.2	51.4	0.2	0.4
1969	W	48.6	47.9	-0.7	-1.4
1970	W	52.3	52.5	0.2	0.4
1971	W	49.5	49.3	-0.2	-0.4
1972	BN	49.0	49.1	0.1	0.2
1973	AN	46.2	44.9	-1.3	-2.8
1974	W	49.4	49.5	0.1	0.2
1975	W	50.5	50.6	0.1	0.2
1976	C	50.0	50.1	0.1	0.2
1977	C	53.9	53.1	-0.8	-1.5
1978	AN	49.6	49.7	0.1	0.2
1979	BN	49.1	49.2	0.1	0.2
1980	AN	52.7	52.4	-0.3	-0.6
1981	D	53.2	53.2	0.0	0.0
1982	W	50.2	50.1	-0.1	-0.2
1983	W	49.0	49.2	0.2	0.4
1984	W	48.4	48.3	-0.1	-0.2
1985	D	50.0	50.1	0.1	0.2
1986	W	46.6	46.4	-0.2	-0.4
1987	D	52.6	52.6	0.0	0.0
1988	C	50.7	50.5	-0.2	-0.4
1989	D	51.0	50.1	-0.9	-1.8
1990	C	50.8	50.6	-0.2	-0.4
1991	C	46.8	48.0	1.2	2.6
1992	C	51.4	50.6	-0.8	-1.6
1993	AN	47.1	47.4	0.3	0.6
	Mean:	49.8	49.8	-0.1	-0.1
	Median:	50.0	49.8	0.0	0.0
	Min:	45.6	44.9	-1.3	-2.8
	Max:	55.7	55.7	1.2	2.6

American River Water Temperatures at Nimbus Dam

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	44.2	44.2	0.0	0.0
1924	C	46.7	46.9	0.2	0.4
1925	D	46.3	46.1	-0.2	-0.4
1926	D	45.2	44.9	-0.3	-0.7
1927	W	47.7	47.6	-0.1	-0.2
1928	AN	47.2	47.2	0.0	0.0
1929	C	44.1	44.0	-0.1	-0.2
1930	D	46.4	46.3	-0.1	-0.2
1931	C	48.1	47.8	-0.3	-0.6
1932	D	45.7	45.2	-0.5	-1.1
1933	C	44.1	44.3	0.2	0.5
1934	C	46.8	46.8	0.0	0.0
1935	BN	47.4	46.6	-0.8	-1.7
1936	BN	47.7	47.8	0.1	0.2
1937	BN	42.9	42.8	-0.1	-0.2
1938	W	46.9	46.9	0.0	0.0
1939	D	47.6	47.7	0.1	0.2
1940	AN	48.0	47.7	-0.3	-0.6
1941	W	48.6	48.6	0.0	0.0
1942	W	46.1	46.2	0.1	0.2
1943	W	45.7	46.0	0.3	0.7
1944	D	48.2	48.3	0.1	0.2
1945	BN	46.2	46.3	0.1	0.2
1946	BN	45.6	45.7	0.1	0.2
1947	D	45.2	45.1	-0.1	-0.2
1948	BN	47.2	47.2	0.0	0.0
1949	D	42.5	42.6	0.1	0.2
1950	BN	45.2	44.8	-0.4	-0.9
1951	AN	45.1	44.8	-0.3	-0.7
1952	W	45.3	45.3	0.0	0.0
1953	W	47.7	47.8	0.1	0.2
1954	AN	48.1	48.1	0.0	0.0
1955	D	44.1	44.1	0.0	0.0
1956	W	45.7	45.6	-0.1	-0.2
1957	AN	47.6	47.8	0.2	0.4
1958	W	47.7	47.8	0.1	0.2
1959	BN	51.2	51.3	0.1	0.2
1960	D	48.1	47.6	-0.5	-1.0
1961	D	45.3	45.5	0.2	0.4
1962	BN	44.6	43.8	-0.8	-1.8
1963	W	45.6	45.7	0.1	0.2
1964	D	44.8	44.9	0.1	0.2
1965	W	44.9	44.6	-0.3	-0.7
1966	BN	46.3	46.5	0.2	0.4
1967	W	46.4	46.5	0.1	0.2
1968	BN	46.6	46.7	0.1	0.2
1969	W	44.8	44.6	-0.2	-0.4
1970	W	46.4	46.4	0.0	0.0
1971	W	45.8	45.8	0.0	0.0
1972	BN	44.4	44.5	0.1	0.2
1973	AN	44.2	44.0	-0.2	-0.5
1974	W	46.0	46.1	0.1	0.2
1975	W	45.9	46.0	0.1	0.2
1976	C	48.4	48.5	0.1	0.2
1977	C	45.9	46.9	1.0	2.2
1978	AN	47.2	47.1	-0.1	-0.2
1979	BN	46.5	46.6	0.1	0.2
1980	AN	47.5	46.6	-0.9	-1.9
1981	D	49.5	49.5	0.0	0.0
1982	W	45.2	45.1	-0.1	-0.2
1983	W	45.4	45.4	0.0	0.0
1984	W	46.1	45.8	-0.3	-0.7
1985	D	45.8	45.8	0.0	0.0
1986	W	46.4	46.4	0.0	0.0
1987	D	48.1	48.1	0.0	0.0
1988	C	48.2	48.1	-0.1	-0.2
1989	D	46.7	46.3	-0.4	-0.9
1990	C	47.9	47.8	-0.1	-0.2
1991	C	46.7	46.6	-0.1	-0.2
1992	C	45.9	46.5	0.6	1.3
1993	AN	45.4	45.1	-0.3	-0.7
	Mean:	46.3	46.3	0.0	-0.1
	Median:	46.3	46.3	0.0	0.0
	Min:	42.5	42.6	-0.9	-1.9
	Max:	51.2	51.3	1.0	2.2

American River Water Temperatures at Nimbus Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	44.1	44.1	0.0	0.0
1924	C	51.3	49.3	-2.0	-3.9
1925	D	47.3	47.4	0.1	0.2
1926	D	46.5	47.3	0.8	1.7
1927	W	47.5	47.5	0.0	0.0
1928	AN	48.0	47.9	-0.1	-0.2
1929	C	46.4	45.5	-0.9	-1.9
1930	D	48.8	49.7	0.9	1.8
1931	C	50.1	49.9	-0.2	-0.4
1932	D	46.2	46.2	0.0	0.0
1933	C	45.9	45.6	-0.3	-0.7
1934	C	48.2	49.2	1.0	2.1
1935	BN	47.9	48.5	0.6	1.3
1936	BN	46.9	47.0	0.1	0.2
1937	BN	43.7	43.8	0.1	0.2
1938	W	46.8	47.1	0.3	0.6
1939	D	47.5	47.6	0.1	0.2
1940	AN	47.7	47.8	0.1	0.2
1941	W	48.1	48.2	0.1	0.2
1942	W	45.7	45.8	0.1	0.2
1943	W	46.7	46.5	-0.2	-0.4
1944	D	48.1	48.1	0.0	0.0
1945	BN	47.0	46.7	-0.3	-0.6
1946	BN	45.5	45.5	0.0	0.0
1947	D	46.4	46.9	0.5	1.1
1948	BN	47.2	47.2	0.0	0.0
1949	D	42.7	42.8	0.1	0.2
1950	BN	45.7	45.6	-0.1	-0.2
1951	AN	46.1	46.1	0.0	0.0
1952	W	46.4	46.5	0.1	0.2
1953	W	47.9	47.9	0.0	0.0
1954	AN	47.8	47.8	0.0	0.0
1955	D	44.8	44.8	0.0	0.0
1956	W	46.3	46.3	0.0	0.0
1957	AN	48.4	48.4	0.0	0.0
1958	W	49.0	49.0	0.0	0.0
1959	BN	49.9	50.0	0.1	0.2
1960	D	48.3	48.6	0.3	0.6
1961	D	50.7	48.2	-2.5	-4.9
1962	BN	46.1	47.0	0.9	2.0
1963	W	47.3	47.4	0.1	0.2
1964	D	46.1	46.3	0.2	0.4
1965	W	46.8	46.6	-0.2	-0.4
1966	BN	47.0	47.1	0.1	0.2
1967	W	46.4	46.4	0.0	0.0
1968	BN	47.8	47.8	0.0	0.0
1969	W	45.1	45.1	0.0	0.0
1970	W	47.7	47.8	0.1	0.2
1971	W	45.8	45.8	0.0	0.0
1972	BN	45.4	45.4	0.0	0.0
1973	AN	46.4	46.3	-0.1	-0.2
1974	W	46.4	46.6	0.2	0.4
1975	W	46.3	46.3	0.0	0.0
1976	C	50.2	49.5	-0.7	-1.4
1977	C	50.9	49.8	-1.1	-2.2
1978	AN	47.5	47.5	0.0	0.0
1979	BN	47.0	47.0	0.0	0.0
1980	AN	47.0	47.1	0.1	0.2
1981	D	50.1	50.2	0.1	0.2
1982	W	46.3	46.3	0.0	0.0
1983	W	47.4	47.5	0.1	0.2
1984	W	47.4	47.2	-0.2	-0.4
1985	D	46.7	46.8	0.1	0.2
1986	W	47.1	47.0	-0.1	-0.2
1987	D	50.4	49.4	-1.0	-2.0
1988	C	50.6	50.9	0.3	0.6
1989	D	47.0	46.8	-0.2	-0.4
1990	C	48.0	47.9	-0.1	-0.2
1991	C	52.4	51.5	-0.9	-1.7
1992	C	51.5	50.5	-1.0	-1.9
1993	AN	46.2	46.1	-0.1	-0.2
	Mean:	47.4	47.3	-0.1	-0.1
	Median:	47.0	47.1	0.0	0.0
	Min:	42.7	42.8	-2.5	-4.9
	Max:	52.4	51.5	1.0	2.1

American River Water Temperatures at Nimbus Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	47.9	50.8	2.9	6.1
1924	C	52.8	52.3	-0.5	-0.9
1925	D	49.7	49.8	0.1	0.2
1926	D	51.0	52.4	1.4	2.7
1927	W	50.6	50.3	-0.3	-0.6
1928	AN	50.8	50.8	0.0	0.0
1929	C	50.0	50.3	0.3	0.6
1930	D	52.4	52.1	-0.3	-0.6
1931	C	54.0	53.9	-0.1	-0.2
1932	D	51.3	51.9	0.6	1.2
1933	C	50.3	51.7	1.4	2.8
1934	C	53.3	53.4	0.1	0.2
1935	BN	49.4	49.4	0.0	0.0
1936	BN	51.2	51.0	-0.2	-0.4
1937	BN	50.6	50.6	0.0	0.0
1938	W	49.4	49.4	0.0	0.0
1939	D	50.8	51.1	0.3	0.6
1940	AN	50.6	50.7	0.1	0.2
1941	W	51.6	51.6	0.0	0.0
1942	W	49.6	49.3	-0.3	-0.6
1943	W	50.3	50.3	0.0	0.0
1944	D	51.3	50.4	-0.9	-1.8
1945	BN	49.1	49.3	0.2	0.4
1946	BN	49.2	49.0	-0.2	-0.4
1947	D	51.7	50.9	-0.8	-1.5
1948	BN	49.3	48.9	-0.4	-0.8
1949	D	47.7	48.0	0.3	0.6
1950	BN	50.3	50.4	0.1	0.2
1951	AN	49.7	49.5	-0.2	-0.4
1952	W	49.1	49.2	0.1	0.2
1953	W	51.0	50.9	-0.1	-0.2
1954	AN	49.8	49.8	0.0	0.0
1955	D	48.9	48.5	-0.4	-0.8
1956	W	50.7	50.2	-0.5	-1.0
1957	AN	51.8	51.7	-0.1	-0.2
1958	W	50.1	50.1	0.0	0.0
1959	BN	52.9	53.1	0.2	0.4
1960	D	51.8	51.5	-0.3	-0.6
1961	D	52.5	51.9	-0.6	-1.1
1962	BN	49.9	48.7	-1.2	-2.4
1963	W	50.1	50.5	0.4	0.8
1964	D	49.4	48.5	-0.9	-1.8
1965	W	50.9	50.3	-0.6	-1.2
1966	BN	50.9	52.6	1.7	3.3
1967	W	49.9	49.9	0.0	0.0
1968	BN	52.8	52.4	-0.4	-0.8
1969	W	49.3	49.1	-0.2	-0.4
1970	W	51.4	51.2	-0.2	-0.4
1971	W	49.1	48.9	-0.2	-0.4
1972	BN	52.4	52.3	-0.1	-0.2
1973	AN	49.6	49.7	0.1	0.2
1974	W	49.8	49.7	-0.1	-0.2
1975	W	49.7	49.7	0.0	0.0
1976	C	52.0	52.1	0.1	0.2
1977	C	52.6	53.0	0.4	0.8
1978	AN	52.5	52.2	-0.3	-0.6
1979	BN	51.4	51.7	0.3	0.6
1980	AN	50.4	50.2	-0.2	-0.4
1981	D	52.8	53.0	0.2	0.4
1982	W	49.5	49.6	0.1	0.2
1983	W	49.7	49.8	0.1	0.2
1984	W	52.2	51.5	-0.7	-1.3
1985	D	49.9	50.2	0.3	0.6
1986	W	50.6	50.7	0.1	0.2
1987	D	52.3	51.9	-0.4	-0.8
1988	C	54.5	55.6	1.1	2.0
1989	D	50.2	50.2	0.0	0.0
1990	C	52.8	52.3	-0.5	-0.9
1991	C	52.2	51.0	-1.2	-2.3
1992	C	52.7	56.5	3.8	7.2
1993	AN	52.0	51.9	-0.1	-0.2
	Mean:	50.8	50.9	0.0	0.1
	Median:	50.6	50.7	0.0	0.0
	Min:	47.7	48.0	-1.2	-2.4
	Max:	54.5	56.5	3.8	7.2

American River Water Temperatures at Nimbus Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.4	54.0	-0.4	-0.7
1924	C	58.3	57.8	-0.5	-0.9
1925	D	55.0	55.2	0.2	0.4
1926	D	57.9	57.8	-0.1	-0.2
1927	W	53.2	53.3	0.1	0.2
1928	AN	53.7	53.9	0.2	0.4
1929	C	51.0	55.0	4.0	7.8
1930	D	56.3	56.3	0.0	0.0
1931	C	58.4	58.6	0.2	0.3
1932	D	55.0	54.9	-0.1	-0.2
1933	C	54.6	55.1	0.5	0.9
1934	C	55.5	55.3	-0.2	-0.4
1935	BN	53.7	53.5	-0.2	-0.4
1936	BN	54.4	54.5	0.1	0.2
1937	BN	53.2	53.2	0.0	0.0
1938	W	53.1	53.1	0.0	0.0
1939	D	58.1	59.2	1.1	1.9
1940	AN	54.2	54.4	0.2	0.4
1941	W	53.8	53.9	0.1	0.2
1942	W	52.9	53.0	0.1	0.2
1943	W	53.8	54.0	0.2	0.4
1944	D	54.6	55.0	0.4	0.7
1945	BN	53.5	53.8	0.3	0.6
1946	BN	54.0	54.2	0.2	0.4
1947	D	56.4	57.6	1.2	2.1
1948	BN	52.5	52.5	0.0	0.0
1949	D	54.8	54.9	0.1	0.2
1950	BN	54.3	54.4	0.1	0.2
1951	AN	55.0	55.2	0.2	0.4
1952	W	53.0	53.1	0.1	0.2
1953	W	54.2	54.6	0.4	0.7
1954	AN	54.5	54.6	0.1	0.2
1955	D	52.1	51.5	-0.6	-1.2
1956	W	55.3	55.8	0.5	0.9
1957	AN	55.8	56.2	0.4	0.7
1958	W	53.4	53.5	0.1	0.2
1959	BN	60.2	61.0	0.8	1.3
1960	D	55.6	55.7	0.1	0.2
1961	D	54.7	57.6	2.9	5.3
1962	BN	55.1	56.1	1.0	1.8
1963	W	52.8	52.8	0.0	0.0
1964	D	53.1	52.3	-0.8	-1.5
1965	W	53.6	53.7	0.1	0.2
1966	BN	58.0	57.2	-0.8	-1.4
1967	W	51.4	51.6	0.2	0.4
1968	BN	56.7	57.3	0.6	1.1
1969	W	53.4	53.6	0.2	0.4
1970	W	55.1	55.0	-0.1	-0.2
1971	W	53.0	53.2	0.2	0.4
1972	BN	55.8	56.1	0.3	0.5
1973	AN	54.6	54.8	0.2	0.4
1974	W	53.2	53.5	0.3	0.6
1975	W	52.0	52.3	0.3	0.6
1976	C	55.2	54.8	-0.4	-0.7
1977	C	62.0	63.3	1.3	2.1
1978	AN	54.4	54.7	0.3	0.6
1979	BN	54.9	55.1	0.2	0.4
1980	AN	55.4	55.5	0.1	0.2
1981	D	56.2	57.4	1.2	2.1
1982	W	52.8	52.8	0.0	0.0
1983	W	52.8	53.1	0.3	0.6
1984	W	55.5	55.9	0.4	0.7
1985	D	56.3	56.7	0.4	0.7
1986	W	55.9	55.9	0.0	0.0
1987	D	58.4	59.4	1.0	1.7
1988	C	58.9	58.7	-0.2	-0.3
1989	D	55.8	56.8	1.0	1.8
1990	C	55.3	56.0	0.7	1.3
1991	C	54.3	55.5	1.2	2.2
1992	C	54.7	55.1	0.4	0.7
1993	AN	54.7	55.3	0.6	1.1
	Mean:	54.9	55.2	0.3	0.6
	Median:	54.6	55.0	0.2	0.4
	Min:	51.0	51.5	-0.8	-1.5
	Max:	62.0	63.3	4.0	7.8

American River Water Temperatures at Nimbus Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	56.9	56.7	-0.2	-0.4
1924	C	65.0	65.3	0.3	0.5
1925	D	57.6	57.8	0.2	0.3
1926	D	60.4	60.4	0.0	0.0
1927	W	56.5	56.6	0.1	0.2
1928	AN	58.1	58.1	0.0	0.0
1929	C	60.2	60.5	0.3	0.5
1930	D	58.3	58.6	0.3	0.5
1931	C	66.8	67.3	0.5	0.7
1932	D	57.6	57.4	-0.2	-0.3
1933	C	60.4	58.6	-1.8	-3.0
1934	C	62.6	63.2	0.6	1.0
1935	BN	56.9	57.1	0.2	0.4
1936	BN	57.8	57.8	0.0	0.0
1937	BN	56.9	56.8	-0.1	-0.2
1938	W	57.4	57.4	0.0	0.0
1939	D	64.0	64.7	0.7	1.1
1940	AN	58.1	58.2	0.1	0.2
1941	W	56.8	56.8	0.0	0.0
1942	W	55.8	55.8	0.0	0.0
1943	W	57.6	57.9	0.3	0.5
1944	D	58.9	60.0	1.1	1.9
1945	BN	56.6	56.7	0.1	0.2
1946	BN	57.4	57.4	0.0	0.0
1947	D	63.0	64.5	1.5	2.4
1948	BN	55.2	56.0	0.8	1.4
1949	D	58.3	58.5	0.2	0.3
1950	BN	57.9	57.8	-0.1	-0.2
1951	AN	57.8	57.9	0.1	0.2
1952	W	57.5	57.5	0.0	0.0
1953	W	56.3	56.4	0.1	0.2
1954	AN	58.8	59.0	0.2	0.3
1955	D	59.4	59.8	0.4	0.7
1956	W	57.9	57.8	-0.1	-0.2
1957	AN	58.5	58.6	0.1	0.2
1958	W	57.8	57.8	0.0	0.0
1959	BN	61.2	62.0	0.8	1.3
1960	D	59.9	60.3	0.4	0.7
1961	D	58.1	59.9	1.8	3.1
1962	BN	58.2	58.8	0.6	1.0
1963	W	56.0	55.9	-0.1	-0.2
1964	D	59.3	59.7	0.4	0.7
1965	W	57.1	57.1	0.0	0.0
1966	BN	60.6	61.8	1.2	2.0
1967	W	55.9	55.9	0.0	0.0
1968	BN	59.9	60.4	0.5	0.8
1969	W	57.3	57.3	0.0	0.0
1970	W	59.7	60.4	0.7	1.2
1971	W	55.6	55.7	0.1	0.2
1972	BN	58.9	59.5	0.6	1.0
1973	AN	58.8	58.7	-0.1	-0.2
1974	W	56.7	56.7	0.0	0.0
1975	W	56.4	56.0	-0.4	-0.7
1976	C	60.0	61.0	1.0	1.7
1977	C	61.9	62.3	0.4	0.6
1978	AN	57.4	57.5	0.1	0.2
1979	BN	57.8	57.8	0.0	0.0
1980	AN	57.4	57.6	0.2	0.3
1981	D	60.8	62.2	1.4	2.3
1982	W	57.2	57.2	0.0	0.0
1983	W	56.8	56.8	0.0	0.0
1984	W	59.2	59.5	0.3	0.5
1985	D	60.2	59.9	-0.3	-0.5
1986	W	58.5	58.6	0.1	0.2
1987	D	65.1	67.0	1.9	2.9
1988	C	59.5	61.7	2.2	3.7
1989	D	59.5	59.7	0.2	0.3
1990	C	61.7	61.6	-0.1	-0.2
1991	C	60.1	59.5	-0.6	-1.0
1992	C	62.0	65.5	3.5	5.6
1993	AN	57.6	57.6	0.0	0.0
	Mean:	58.8	59.1	0.3	0.5
	Median:	58.1	58.5	0.1	0.2
	Min:	55.2	55.7	-1.8	-3.0
	Max:	66.8	67.3	3.5	5.6

American River Water Temperatures at Nimbus Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	60.2	60.2	0.0	0.0
1924	C	65.8	66.9	1.1	1.7
1925	D	61.9	61.9	0.0	0.0
1926	D	62.7	63.5	0.8	1.3
1927	W	60.7	60.7	0.0	0.0
1928	AN	62.9	62.9	0.0	0.0
1929	C	61.3	65.7	4.4	7.2
1930	D	62.7	63.2	0.5	0.8
1931	C	66.3	68.5	2.2	3.3
1932	D	61.3	61.2	-0.1	-0.2
1933	C	61.1	62.5	1.4	2.3
1934	C	64.6	64.5	-0.1	-0.2
1935	BN	61.6	61.8	0.2	0.3
1936	BN	61.4	61.4	0.0	0.0
1937	BN	61.0	60.9	-0.1	-0.2
1938	W	61.9	61.8	-0.1	-0.2
1939	D	61.0	62.6	1.6	2.6
1940	AN	63.0	62.2	-0.8	-1.3
1941	W	60.6	60.6	0.0	0.0
1942	W	59.6	59.7	0.1	0.2
1943	W	60.7	60.4	-0.3	-0.5
1944	D	63.1	63.2	0.1	0.2
1945	BN	60.2	60.3	0.1	0.2
1946	BN	60.6	60.6	0.0	0.0
1947	D	62.5	60.6	-1.9	-3.0
1948	BN	59.2	59.1	-0.1	-0.2
1949	D	61.8	61.3	-0.5	-0.8
1950	BN	61.0	61.0	0.0	0.0
1951	AN	61.9	62.4	0.5	0.8
1952	W	60.9	60.8	-0.1	-0.2
1953	W	59.2	59.2	0.0	0.0
1954	AN	62.6	62.5	-0.1	-0.2
1955	D	64.3	63.8	-0.5	-0.8
1956	W	61.4	61.3	-0.1	-0.2
1957	AN	61.4	61.5	0.1	0.2
1958	W	61.3	61.3	0.0	0.0
1959	BN	64.6	64.6	0.0	0.0
1960	D	64.0	63.9	-0.1	-0.2
1961	D	64.4	62.0	-2.4	-3.7
1962	BN	62.6	62.0	-0.6	-1.0
1963	W	60.1	60.2	0.1	0.2
1964	D	62.8	63.6	0.8	1.3
1965	W	60.4	60.4	0.0	0.0
1966	BN	64.4	63.5	-0.9	-1.4
1967	W	60.9	61.0	0.1	0.2
1968	BN	64.8	64.3	-0.5	-0.8
1969	W	60.7	60.6	-0.1	-0.2
1970	W	64.2	64.0	-0.2	-0.3
1971	W	58.7	58.7	0.0	0.0
1972	BN	62.8	63.2	0.4	0.6
1973	AN	62.4	62.4	0.0	0.0
1974	W	61.0	61.0	0.0	0.0
1975	W	60.7	60.7	0.0	0.0
1976	C	62.4	62.8	0.4	0.6
1977	C	69.6	71.1	1.5	2.2
1978	AN	61.2	61.1	-0.1	-0.2
1979	BN	61.9	61.9	0.0	0.0
1980	AN	60.1	60.1	0.0	0.0
1981	D	65.6	64.7	-0.9	-1.4
1982	W	60.6	60.5	-0.1	-0.2
1983	W	61.8	61.8	0.0	0.0
1984	W	62.4	62.4	0.0	0.0
1985	D	62.9	63.1	0.2	0.3
1986	W	61.8	61.9	0.1	0.2
1987	D	60.9	62.6	1.7	2.8
1988	C	65.2	66.0	0.8	1.2
1989	D	64.0	63.9	-0.1	-0.2
1990	C	62.9	65.4	2.5	4.0
1991	C	64.0	61.8	-2.2	-3.4
1992	C	66.9	63.5	-3.4	-5.1
1993	AN	61.1	61.2	0.1	0.2
	Mean:	62.2	62.3	0.1	0.1
	Median:	61.8	61.9	0.0	0.0
	Min:	58.7	58.7	-3.4	-5.1
	Max:	69.6	71.1	4.4	7.2

American River Water Temperatures at Nimbus Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	64.7	64.0	-0.7	-1.1
1924	C	65.8	65.6	-0.2	-0.3
1925	D	64.6	64.6	0.0	0.0
1926	D	64.8	63.7	-1.1	-1.7
1927	W	64.6	63.5	-1.1	-1.7
1928	AN	64.9	63.1	-1.8	-2.8
1929	C	64.9	65.7	0.8	1.2
1930	D	63.9	62.5	-1.4	-2.2
1931	C	64.5	68.8	4.3	6.7
1932	D	66.9	66.5	-0.4	-0.6
1933	C	66.8	65.8	-1.0	-1.5
1934	C	65.8	65.4	-0.4	-0.6
1935	BN	64.6	64.5	-0.1	-0.2
1936	BN	66.0	65.7	-0.3	-0.5
1937	BN	65.3	65.1	-0.2	-0.3
1938	W	63.9	63.7	-0.2	-0.3
1939	D	65.3	63.6	-1.7	-2.6
1940	AN	64.6	64.3	-0.3	-0.5
1941	W	61.8	61.8	0.0	0.0
1942	W	64.4	62.9	-1.5	-2.3
1943	W	64.4	63.2	-1.2	-1.9
1944	D	64.6	63.7	-0.9	-1.4
1945	BN	64.8	63.9	-0.9	-1.4
1946	BN	64.2	63.3	-0.9	-1.4
1947	D	61.9	63.4	1.5	2.4
1948	BN	63.3	63.0	-0.3	-0.5
1949	D	64.5	63.9	-0.6	-0.9
1950	BN	65.2	64.3	-0.9	-1.4
1951	AN	64.2	63.9	-0.3	-0.5
1952	W	64.8	64.3	-0.5	-0.8
1953	W	64.8	64.2	-0.6	-0.9
1954	AN	62.7	62.7	0.0	0.0
1955	D	58.9	60.7	1.8	3.1
1956	W	66.4	63.9	-2.5	-3.8
1957	AN	65.0	64.4	-0.6	-0.9
1958	W	65.9	65.8	-0.1	-0.2
1959	BN	64.2	64.0	-0.2	-0.3
1960	D	62.5	62.1	-0.4	-0.6
1961	D	66.7	67.7	1.0	1.5
1962	BN	64.9	64.5	-0.4	-0.6
1963	W	63.6	63.0	-0.6	-0.9
1964	D	62.2	62.4	0.2	0.3
1965	W	64.3	63.7	-0.6	-0.9
1966	BN	60.0	61.1	1.1	1.8
1967	W	65.7	65.5	-0.2	-0.3
1968	BN	61.9	62.2	0.3	0.5
1969	W	65.1	64.2	-0.9	-1.4
1970	W	64.2	64.1	-0.1	-0.2
1971	W	63.8	63.1	-0.7	-1.1
1972	BN	61.8	61.3	-0.5	-0.8
1973	AN	64.0	63.4	-0.6	-0.9
1974	W	65.5	63.9	-1.6	-2.4
1975	W	63.4	62.7	-0.7	-1.1
1976	C	64.3	63.9	-0.4	-0.6
1977	C	70.0	66.8	-3.2	-4.6
1978	AN	65.3	64.4	-0.9	-1.4
1979	BN	65.6	65.1	-0.5	-0.8
1980	AN	64.2	63.5	-0.7	-1.1
1981	D	63.0	61.7	-1.3	-2.1
1982	W	64.2	63.0	-1.2	-1.9
1983	W	65.2	65.1	-0.1	-0.2
1984	W	65.8	65.1	-0.7	-1.1
1985	D	62.9	62.1	-0.8	-1.3
1986	W	65.8	65.0	-0.8	-1.2
1987	D	63.9	63.9	0.0	0.0
1988	C	63.8	67.2	3.4	5.3
1989	D	63.6	62.8	-0.8	-1.3
1990	C	66.8	64.8	-2.0	-3.0
1991	C	67.1	65.9	-1.2	-1.8
1992	C	65.7	66.1	0.4	0.6
1993	AN	64.7	64.6	-0.1	-0.2
	Mean:	64.5	64.1	-0.4	-0.6
	Median:	64.6	63.9	-0.5	-0.8
	Min:	58.9	60.7	-3.2	-4.6
	Max:	70.0	68.8	4.3	6.7

American River Water Temperatures at Nimbus Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	66.6	63.1	-3.5	-5.3
1924	C	68.4	66.3	-2.1	-3.1
1925	D	64.9	63.7	-1.2	-1.8
1926	D	67.3	66.9	-0.4	-0.6
1927	W	63.6	62.2	-1.4	-2.2
1928	AN	62.6	62.8	0.2	0.3
1929	C	66.8	65.3	-1.5	-2.2
1930	D	64.0	64.5	0.5	0.8
1931	C	69.8	71.1	1.3	1.9
1932	D	67.2	66.8	-0.4	-0.6
1933	C	66.6	66.6	0.0	0.0
1934	C	64.4	66.0	1.6	2.5
1935	BN	63.6	63.1	-0.5	-0.8
1936	BN	65.8	65.0	-0.8	-1.2
1937	BN	64.0	62.8	-1.2	-1.9
1938	W	64.8	64.1	-0.7	-1.1
1939	D	63.7	65.5	1.8	2.8
1940	AN	63.0	63.4	0.4	0.6
1941	W	63.8	62.8	-1.0	-1.6
1942	W	63.8	62.8	-1.0	-1.6
1943	W	64.0	61.6	-2.4	-3.8
1944	D	62.5	62.0	-0.5	-0.8
1945	BN	63.7	63.5	-0.2	-0.3
1946	BN	61.6	61.2	-0.4	-0.6
1947	D	63.6	64.6	1.0	1.6
1948	BN	62.9	60.8	-2.1	-3.3
1949	D	61.3	60.7	-0.6	-1.0
1950	BN	64.1	63.3	-0.8	-1.2
1951	AN	64.0	61.9	-2.1	-3.3
1952	W	66.8	64.4	-2.4	-3.6
1953	W	65.9	64.3	-1.6	-2.4
1954	AN	62.6	62.1	-0.5	-0.8
1955	D	65.1	64.6	-0.5	-0.8
1956	W	66.6	64.9	-1.7	-2.6
1957	AN	64.5	63.9	-0.6	-0.9
1958	W	66.6	66.1	-0.5	-0.8
1959	BN	67.6	65.2	-2.4	-3.6
1960	D	65.2	65.1	-0.1	-0.2
1961	D	69.9	69.6	-0.3	-0.4
1962	BN	63.8	63.9	0.1	0.2
1963	W	62.7	60.9	-1.8	-2.9
1964	D	64.7	64.8	0.1	0.2
1965	W	65.2	62.1	-3.1	-4.8
1966	BN	63.5	62.3	-1.2	-1.9
1967	W	66.9	66.2	-0.7	-1.0
1968	BN	65.0	65.4	0.4	0.6
1969	W	65.4	64.3	-1.1	-1.7
1970	W	63.8	63.7	-0.1	-0.2
1971	W	62.6	60.2	-2.4	-3.8
1972	BN	60.8	63.5	2.7	4.4
1973	AN	60.6	61.3	0.7	1.2
1974	W	66.7	64.6	-2.1	-3.1
1975	W	62.0	61.6	-0.4	-0.6
1976	C	65.0	64.6	-0.4	-0.6
1977	C	74.6	72.2	-2.4	-3.2
1978	AN	64.8	64.4	-0.4	-0.6
1979	BN	62.7	62.3	-0.4	-0.6
1980	AN	66.7	64.9	-1.8	-2.7
1981	D	65.4	62.1	-3.3	-5.0
1982	W	65.0	64.0	-1.0	-1.5
1983	W	66.5	65.6	-0.9	-1.4
1984	W	63.5	64.7	1.2	1.9
1985	D	65.5	63.7	-1.8	-2.7
1986	W	65.5	65.6	0.1	0.2
1987	D	65.3	64.0	-1.3	-2.0
1988	C	67.5	66.2	-1.3	-1.9
1989	D	65.4	65.4	0.0	0.0
1990	C	63.9	64.6	0.7	1.1
1991	C	63.9	67.5	3.6	5.6
1992	C	66.1	66.3	0.2	0.3
1993	AN	64.1	63.1	-1.0	-1.6
	Mean:	64.9	64.2	-0.7	-1.0
	Median:	64.8	64.3	-0.6	-0.9
	Min:	60.6	60.2	-3.5	-5.3
	Max:	74.6	72.2	3.6	5.6

American River Water Temperatures at Nimbus Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	66.8	65.0	-1.8	-2.7
1924	C	67.4	68.3	0.9	1.3
1925	D	65.5	64.9	-0.6	-0.9
1926	D	68.7	68.4	-0.3	-0.4
1927	W	65.2	64.5	-0.7	-1.1
1928	AN	62.8	64.3	1.5	2.4
1929	C	68.6	68.5	-0.1	-0.1
1930	D	67.4	67.4	0.0	0.0
1931	C	69.7	69.8	0.1	0.1
1932	D	66.2	64.8	-1.4	-2.1
1933	C	68.9	68.5	-0.4	-0.6
1934	C	67.9	67.8	-0.1	-0.1
1935	BN	64.6	63.0	-1.6	-2.5
1936	BN	66.8	65.6	-1.2	-1.8
1937	BN	64.4	64.5	0.1	0.2
1938	W	64.2	63.6	-0.6	-0.9
1939	D	67.2	66.7	-0.5	-0.7
1940	AN	65.1	64.3	-0.8	-1.2
1941	W	63.4	62.5	-0.9	-1.4
1942	W	65.0	64.4	-0.6	-0.9
1943	W	64.3	63.7	-0.6	-0.9
1944	D	61.8	63.3	1.5	2.4
1945	BN	64.3	63.9	-0.4	-0.6
1946	BN	59.9	61.4	1.5	2.5
1947	D	65.0	64.4	-0.6	-0.9
1948	BN	63.6	63.2	-0.4	-0.6
1949	D	63.2	63.1	-0.1	-0.2
1950	BN	66.0	64.3	-1.7	-2.6
1951	AN	64.5	63.1	-1.4	-2.2
1952	W	65.8	64.0	-1.8	-2.7
1953	W	65.5	64.3	-1.2	-1.8
1954	AN	64.0	63.4	-0.6	-0.9
1955	D	62.5	65.7	3.2	5.1
1956	W	67.3	65.4	-1.9	-2.8
1957	AN	65.0	64.3	-0.7	-1.1
1958	W	68.1	66.2	-1.9	-2.8
1959	BN	69.1	68.5	-0.6	-0.9
1960	D	66.7	66.8	0.1	0.1
1961	D	68.4	68.7	0.3	0.4
1962	BN	66.0	65.8	-0.2	-0.3
1963	W	63.2	63.1	-0.1	-0.2
1964	D	67.6	66.2	-1.4	-2.1
1965	W	67.9	65.8	-2.1	-3.1
1966	BN	68.3	66.4	-1.9	-2.8
1967	W	67.6	67.2	-0.4	-0.6
1968	BN	64.2	65.3	1.1	1.7
1969	W	65.1	63.6	-1.5	-2.3
1970	W	65.4	64.7	-0.7	-1.1
1971	W	63.7	63.9	0.2	0.3
1972	BN	64.6	66.3	1.7	2.6
1973	AN	63.3	63.1	-0.2	-0.3
1974	W	66.4	65.3	-1.1	-1.7
1975	W	62.1	62.1	0.0	0.0
1976	C	67.0	67.7	0.7	1.0
1977	C	70.0	69.6	-0.4	-0.6
1978	AN	65.1	64.9	-0.2	-0.3
1979	BN	63.2	63.8	0.6	0.9
1980	AN	67.7	65.0	-2.7	-4.0
1981	D	69.1	67.3	-1.8	-2.6
1982	W	65.4	63.7	-1.7	-2.6
1983	W	66.8	65.4	-1.4	-2.1
1984	W	64.6	62.8	-1.8	-2.8
1985	D	66.6	65.4	-1.2	-1.8
1986	W	67.1	63.4	-3.7	-5.5
1987	D	67.7	67.7	0.0	0.0
1988	C	70.9	69.0	-1.9	-2.7
1989	D	67.3	67.3	0.0	0.0
1990	C	67.6	67.9	0.3	0.4
1991	C	67.0	67.3	0.3	0.4
1992	C	69.0	67.5	-1.5	-2.2
1993	AN	64.5	63.8	-0.7	-1.1
	Mean:	66.0	65.4	-0.6	-0.8
	Median:	66.0	65.0	-0.6	-0.9
	Min:	59.9	61.4	-3.7	-5.5
	Max:	70.9	69.8	3.2	5.1

American River Water Temperatures at Watt Ave

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	57.4	57.3	-0.1	-0.2
1924	C	61.2	58.8	-2.4	-3.9
1925	D	61.9	61.1	-0.8	-1.3
1926	D	59.0	58.2	-0.8	-1.4
1927	W	62.6	62.2	-0.4	-0.6
1928	AN	59.0	57.0	-2.0	-3.4
1929	C	59.2	58.8	-0.4	-0.7
1930	D	64.1	65.3	1.2	1.9
1931	C	59.4	59.2	-0.2	-0.3
1932	D	63.5	63.7	0.2	0.3
1933	C	62.0	60.3	-1.7	-2.7
1934	C	66.4	66.1	-0.3	-0.5
1935	BN	65.0	64.2	-0.8	-1.2
1936	BN	58.3	58.3	0.0	0.0
1937	BN	60.7	60.2	-0.5	-0.8
1938	W	59.0	59.1	0.1	0.2
1939	D	59.3	57.8	-1.5	-2.5
1940	AN	64.8	62.9	-1.9	-2.9
1941	W	59.1	58.0	-1.1	-1.9
1942	W	57.0	57.2	0.2	0.4
1943	W	58.5	57.2	-1.3	-2.2
1944	D	58.9	58.4	-0.5	-0.8
1945	BN	60.3	59.2	-1.1	-1.8
1946	BN	59.2	58.3	-0.9	-1.5
1947	D	58.3	57.4	-0.9	-1.5
1948	BN	59.6	59.7	0.1	0.2
1949	D	57.0	57.0	0.0	0.0
1950	BN	58.0	58.3	0.3	0.5
1951	AN	59.5	57.2	-2.3	-3.9
1952	W	58.7	57.9	-0.8	-1.4
1953	W	60.1	58.2	-1.9	-3.2
1954	AN	58.7	58.1	-0.6	-1.0
1955	D	58.3	57.3	-1.0	-1.7
1956	W	60.3	60.2	-0.1	-0.2
1957	AN	62.0	59.4	-2.6	-4.2
1958	W	58.8	58.7	-0.1	-0.2
1959	BN	65.5	60.4	-5.1	-7.8
1960	D	65.5	65.0	-0.5	-0.8
1961	D	61.6	60.9	-0.7	-1.1
1962	BN	63.7	63.2	-0.5	-0.8
1963	W	59.5	59.0	-0.5	-0.8
1964	D	57.8	57.5	-0.3	-0.5
1965	W	60.2	60.2	0.0	0.0
1966	BN	61.1	59.0	-2.1	-3.4
1967	W	63.1	60.6	-2.5	-4.0
1968	BN	66.7	61.9	-4.8	-7.2
1969	W	60.6	60.3	-0.3	-0.5
1970	W	59.3	59.3	0.0	0.0
1971	W	60.0	58.6	-1.4	-2.3
1972	BN	58.2	57.4	-0.8	-1.4
1973	AN	60.3	60.1	-0.2	-0.3
1974	W	57.9	58.2	0.3	0.5
1975	W	60.1	58.4	-1.7	-2.8
1976	C	58.2	57.2	-1.0	-1.7
1977	C	66.5	65.4	-1.1	-1.7
1978	AN	64.4	63.4	-1.0	-1.6
1979	BN	59.0	59.0	0.0	0.0
1980	AN	59.9	59.1	-0.8	-1.3
1981	D	61.5	58.4	-3.1	-5.0
1982	W	62.4	61.1	-1.3	-2.1
1983	W	58.4	57.0	-1.4	-2.4
1984	W	62.1	59.0	-3.1	-5.0
1985	D	60.2	58.7	-1.5	-2.5
1986	W	60.3	59.2	-1.1	-1.8
1987	D	60.1	59.3	-0.8	-1.3
1988	C	65.7	64.3	-1.4	-2.1
1989	D	65.9	64.7	-1.2	-1.8
1990	C	61.6	60.0	-1.6	-2.6
1991	C	67.3	67.0	-0.3	-0.4
1992	C	67.2	68.0	0.8	1.2
1993	AN	65.7	66.0	0.3	0.5
	Mean:	61.0	60.1	-0.9	-1.5
	Median:	60.2	59.1	-0.8	-1.3
	Min:	57.0	57.0	-5.1	-7.8
	Max:	67.3	68.0	1.2	1.9

American River Water Temperatures at Watt Ave

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.6	54.1	-0.5	-0.9
1924	C	55.9	56.1	0.2	0.4
1925	D	52.9	53.6	0.7	1.3
1926	D	56.1	56.0	-0.1	-0.2
1927	W	56.5	56.3	-0.2	-0.4
1928	AN	56.1	56.2	0.1	0.2
1929	C	56.3	56.4	0.1	0.2
1930	D	56.1	57.3	1.2	2.1
1931	C	56.3	56.6	0.3	0.5
1932	D	52.9	53.1	0.2	0.4
1933	C	56.2	56.1	-0.1	-0.2
1934	C	56.5	56.6	0.1	0.2
1935	BN	55.2	54.3	-0.9	-1.6
1936	BN	55.8	55.4	-0.4	-0.7
1937	BN	56.1	56.1	0.0	0.0
1938	W	56.3	56.4	0.1	0.2
1939	D	56.3	56.2	-0.1	-0.2
1940	AN	57.5	56.5	-1.0	-1.7
1941	W	56.4	56.2	-0.2	-0.4
1942	W	56.3	56.2	-0.1	-0.2
1943	W	56.3	56.4	0.1	0.2
1944	D	56.3	56.1	-0.2	-0.4
1945	BN	55.6	55.3	-0.3	-0.5
1946	BN	56.3	56.3	0.0	0.0
1947	D	55.2	55.3	0.1	0.2
1948	BN	53.1	52.7	-0.4	-0.8
1949	D	56.4	56.1	-0.3	-0.5
1950	BN	56.2	56.0	-0.2	-0.4
1951	AN	56.3	56.4	0.1	0.2
1952	W	56.3	56.4	0.1	0.2
1953	W	56.1	56.3	0.2	0.4
1954	AN	56.4	56.4	0.0	0.0
1955	D	55.8	55.9	0.1	0.2
1956	W	55.8	55.1	-0.7	-1.3
1957	AN	56.1	56.1	0.0	0.0
1958	W	56.4	56.2	-0.2	-0.4
1959	BN	56.2	55.9	-0.3	-0.5
1960	D	57.9	56.7	-1.2	-2.1
1961	D	56.3	56.1	-0.2	-0.4
1962	BN	54.3	53.9	-0.4	-0.7
1963	W	56.4	56.4	0.0	0.0
1964	D	56.4	56.4	0.0	0.0
1965	W	54.6	54.2	-0.4	-0.7
1966	BN	56.1	56.1	0.0	0.0
1967	W	56.4	56.2	-0.2	-0.4
1968	BN	56.3	56.2	-0.1	-0.2
1969	W	55.7	54.5	-1.2	-2.2
1970	W	56.2	56.1	-0.1	-0.2
1971	W	56.2	56.4	0.2	0.4
1972	BN	56.5	56.2	-0.3	-0.5
1973	AN	54.2	52.7	-1.5	-2.8
1974	W	56.0	55.6	-0.4	-0.7
1975	W	56.2	56.1	-0.1	-0.2
1976	C	56.3	56.0	-0.3	-0.5
1977	C	57.9	57.2	-0.7	-1.2
1978	AN	55.0	55.1	0.1	0.2
1979	BN	56.4	56.0	-0.4	-0.7
1980	AN	56.3	56.3	0.0	0.0
1981	D	56.2	55.7	-0.5	-0.9
1982	W	56.5	56.5	0.0	0.0
1983	W	56.2	56.1	-0.1	-0.2
1984	W	56.2	56.3	0.1	0.2
1985	D	56.4	56.5	0.1	0.2
1986	W	52.1	54.0	1.9	3.6
1987	D	56.1	56.1	0.0	0.0
1988	C	56.2	56.2	0.0	0.0
1989	D	55.2	56.0	0.8	1.4
1990	C	56.3	56.3	0.0	0.0
1991	C	57.7	57.2	-0.5	-0.9
1992	C	56.1	57.1	1.0	1.8
1993	AN	55.4	56.0	0.6	1.1
	Mean:	55.9	55.8	-0.1	-0.2
	Median:	56.2	56.1	-0.1	-0.1
	Min:	52.1	52.7	-1.5	-2.8
	Max:	57.9	57.3	1.9	3.6

American River Water Temperatures at Watt Ave

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	47.7	47.8	0.1	0.2
1924	C	51.0	50.7	-0.3	-0.6
1925	D	43.7	44.6	0.9	2.1
1926	D	49.2	48.9	-0.3	-0.6
1927	W	49.1	48.6	-0.5	-1.0
1928	AN	48.8	49.0	0.2	0.4
1929	C	48.1	47.8	-0.3	-0.6
1930	D	50.7	50.2	-0.5	-1.0
1931	C	49.4	49.0	-0.4	-0.8
1932	D	45.5	46.0	0.5	1.1
1933	C	47.6	48.0	0.4	0.8
1934	C	46.3	46.9	0.6	1.3
1935	BN	48.0	47.6	-0.4	-0.8
1936	BN	49.8	49.7	-0.1	-0.2
1937	BN	49.5	49.2	-0.3	-0.6
1938	W	51.2	50.8	-0.4	-0.8
1939	D	49.9	50.0	0.1	0.2
1940	AN	50.2	51.1	0.9	1.8
1941	W	51.6	51.5	-0.1	-0.2
1942	W	50.1	50.2	0.1	0.2
1943	W	48.9	49.1	0.2	0.4
1944	D	51.1	51.1	0.0	0.0
1945	BN	49.6	49.6	0.0	0.0
1946	BN	49.0	49.1	0.1	0.2
1947	D	48.6	48.4	-0.2	-0.4
1948	BN	47.0	46.8	-0.2	-0.4
1949	D	47.5	47.6	0.1	0.2
1950	BN	49.0	49.0	0.0	0.0
1951	AN	48.6	48.4	-0.2	-0.4
1952	W	49.4	49.6	0.2	0.4
1953	W	50.0	50.3	0.3	0.6
1954	AN	50.9	50.9	0.0	0.0
1955	D	46.9	47.2	0.3	0.6
1956	W	48.6	47.7	-0.9	-1.9
1957	AN	50.6	50.7	0.1	0.2
1958	W	49.4	49.8	0.4	0.8
1959	BN	54.6	54.6	0.0	0.0
1960	D	49.1	49.5	0.4	0.8
1961	D	48.9	48.8	-0.1	-0.2
1962	BN	45.5	45.3	-0.2	-0.4
1963	W	50.3	50.5	0.2	0.4
1964	D	45.9	46.1	0.2	0.4
1965	W	47.5	47.2	-0.3	-0.6
1966	BN	47.6	47.8	0.2	0.4
1967	W	48.6	49.1	0.5	1.0
1968	BN	49.9	50.1	0.2	0.4
1969	W	47.5	46.5	-1.0	-2.1
1970	W	51.9	52.1	0.2	0.4
1971	W	49.2	49.0	-0.2	-0.4
1972	BN	48.1	48.3	0.2	0.4
1973	AN	45.4	43.6	-1.8	-4.0
1974	W	49.2	49.3	0.1	0.2
1975	W	49.6	49.7	0.1	0.2
1976	C	49.3	49.4	0.1	0.2
1977	C	52.3	50.6	-1.7	-3.3
1978	AN	48.9	48.9	0.0	0.0
1979	BN	47.8	47.9	0.1	0.2
1980	AN	51.6	51.3	-0.3	-0.6
1981	D	51.8	51.8	0.0	0.0
1982	W	50.1	50.0	-0.1	-0.2
1983	W	48.7	48.9	0.2	0.4
1984	W	48.4	48.3	-0.1	-0.2
1985	D	49.2	49.3	0.1	0.2
1986	W	45.7	45.5	-0.2	-0.4
1987	D	51.3	51.4	0.1	0.2
1988	C	49.8	49.5	-0.3	-0.6
1989	D	49.9	48.4	-1.5	-3.0
1990	C	49.8	49.4	-0.4	-0.8
1991	C	44.3	46.3	2.0	4.5
1992	C	50.2	48.8	-1.4	-2.8
1993	AN	45.4	46.0	0.6	1.3
	Mean:	49.0	48.9	-0.1	-0.1
	Median:	49.2	49.0	0.0	0.0
	Min:	43.7	43.6	-1.8	-4.0
	Max:	54.6	54.6	2.0	4.5

American River Water Temperatures at Watt Ave

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	44.1	44.1	0.0	0.0
1924	C	46.3	46.4	0.1	0.2
1925	D	46.3	46.1	-0.2	-0.4
1926	D	44.6	44.3	-0.3	-0.7
1927	W	47.6	47.5	-0.1	-0.2
1928	AN	47.0	47.0	0.0	0.0
1929	C	43.4	43.4	0.0	0.0
1930	D	45.7	45.6	-0.1	-0.2
1931	C	47.7	47.5	-0.2	-0.4
1932	D	45.3	44.6	-0.7	-1.5
1933	C	43.5	43.8	0.3	0.7
1934	C	46.8	46.8	0.0	0.0
1935	BN	47.0	46.3	-0.7	-1.5
1936	BN	47.8	47.9	0.1	0.2
1937	BN	42.1	42.0	-0.1	-0.2
1938	W	46.6	46.6	0.0	0.0
1939	D	47.2	47.3	0.1	0.2
1940	AN	48.0	47.7	-0.3	-0.6
1941	W	48.6	48.6	0.0	0.0
1942	W	46.1	46.2	0.1	0.2
1943	W	45.7	46.0	0.3	0.7
1944	D	47.8	47.9	0.1	0.2
1945	BN	45.7	45.9	0.2	0.4
1946	BN	45.6	45.6	0.0	0.0
1947	D	44.6	44.6	0.0	0.0
1948	BN	47.2	47.2	0.0	0.0
1949	D	41.7	41.8	0.1	0.2
1950	BN	44.8	44.2	-0.6	-1.3
1951	AN	45.1	44.8	-0.3	-0.7
1952	W	45.2	45.2	0.0	0.0
1953	W	47.8	47.9	0.1	0.2
1954	AN	47.7	47.7	0.0	0.0
1955	D	43.7	43.6	-0.1	-0.2
1956	W	45.7	45.6	-0.1	-0.2
1957	AN	46.6	46.9	0.3	0.6
1958	W	47.3	47.5	0.2	0.4
1959	BN	50.7	50.7	0.0	0.0
1960	D	47.5	46.9	-0.6	-1.3
1961	D	44.5	44.8	0.3	0.7
1962	BN	43.9	43.0	-0.9	-2.1
1963	W	45.1	45.3	0.2	0.4
1964	D	44.7	44.8	0.1	0.2
1965	W	44.9	44.6	-0.3	-0.7
1966	BN	46.1	46.2	0.1	0.2
1967	W	46.3	46.4	0.1	0.2
1968	BN	46.0	46.1	0.1	0.2
1969	W	44.8	44.6	-0.2	-0.4
1970	W	46.4	46.4	0.0	0.0
1971	W	45.7	45.7	0.0	0.0
1972	BN	43.8	43.9	0.1	0.2
1973	AN	44.2	44.0	-0.2	-0.5
1974	W	46.0	46.1	0.1	0.2
1975	W	45.4	45.4	0.0	0.0
1976	C	48.0	48.1	0.1	0.2
1977	C	44.6	45.7	1.1	2.5
1978	AN	47.5	47.4	-0.1	-0.2
1979	BN	46.1	46.2	0.1	0.2
1980	AN	47.5	46.6	-0.9	-1.9
1981	D	48.8	48.9	0.1	0.2
1982	W	45.0	44.9	-0.1	-0.2
1983	W	45.3	45.3	0.0	0.0
1984	W	46.2	45.9	-0.3	-0.6
1985	D	45.2	45.1	-0.1	-0.2
1986	W	46.9	46.9	0.0	0.0
1987	D	47.3	47.4	0.1	0.2
1988	C	47.9	47.9	0.0	0.0
1989	D	46.1	45.3	-0.8	-1.7
1990	C	47.7	47.6	-0.1	-0.2
1991	C	46.6	46.5	-0.1	-0.2
1992	C	44.5	45.3	0.8	1.8
1993	AN	45.3	45.0	-0.3	-0.7
	Mean:	46.0	46.0	0.0	-0.1
	Median:	46.1	46.1	0.0	0.0
	Min:	41.7	41.8	-0.9	-2.1
	Max:	50.7	50.7	1.1	2.5

American River Water Temperatures at Watt Ave

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	45.0	45.0	0.0	0.0
1924	C	53.3	50.7	-2.6	-4.9
1925	D	47.7	47.9	0.2	0.4
1926	D	47.6	48.7	1.1	2.3
1927	W	47.7	47.7	0.0	0.0
1928	AN	48.8	48.7	-0.1	-0.2
1929	C	48.5	46.7	-1.8	-3.7
1930	D	49.8	51.0	1.2	2.4
1931	C	50.9	50.9	0.0	0.0
1932	D	46.5	46.6	0.1	0.2
1933	C	47.1	46.2	-0.9	-1.9
1934	C	49.3	50.8	1.5	3.0
1935	BN	48.4	49.3	0.9	1.9
1936	BN	47.0	47.1	0.1	0.2
1937	BN	44.3	44.5	0.2	0.5
1938	W	47.0	47.3	0.3	0.6
1939	D	47.8	47.9	0.1	0.2
1940	AN	47.9	48.0	0.1	0.2
1941	W	48.4	48.5	0.1	0.2
1942	W	45.9	46.0	0.1	0.2
1943	W	47.0	46.8	-0.2	-0.4
1944	D	48.4	48.5	0.1	0.2
1945	BN	47.3	47.0	-0.3	-0.6
1946	BN	45.8	45.8	0.0	0.0
1947	D	47.4	47.8	0.4	0.8
1948	BN	47.4	47.5	0.1	0.2
1949	D	43.4	43.6	0.2	0.5
1950	BN	46.1	46.0	-0.1	-0.2
1951	AN	46.3	46.3	0.0	0.0
1952	W	46.5	46.6	0.1	0.2
1953	W	48.4	48.5	0.1	0.2
1954	AN	48.0	48.0	0.0	0.0
1955	D	45.4	45.4	0.0	0.0
1956	W	46.4	46.4	0.0	0.0
1957	AN	48.9	48.9	0.0	0.0
1958	W	49.2	49.2	0.0	0.0
1959	BN	50.0	50.0	0.0	0.0
1960	D	49.0	49.6	0.6	1.2
1961	D	51.6	49.2	-2.4	-4.7
1962	BN	46.5	47.6	1.1	2.4
1963	W	47.7	47.8	0.1	0.2
1964	D	46.7	47.1	0.4	0.9
1965	W	47.0	46.9	-0.1	-0.2
1966	BN	47.3	47.4	0.1	0.2
1967	W	46.7	46.7	0.0	0.0
1968	BN	48.3	48.2	-0.1	-0.2
1969	W	45.2	45.3	0.1	0.2
1970	W	48.0	48.1	0.1	0.2
1971	W	46.1	46.1	0.0	0.0
1972	BN	46.2	46.2	0.0	0.0
1973	AN	46.8	46.7	-0.1	-0.2
1974	W	46.6	46.8	0.2	0.4
1975	W	46.7	46.7	0.0	0.0
1976	C	51.2	50.2	-1.0	-2.0
1977	C	52.0	51.0	-1.0	-1.9
1978	AN	47.9	47.9	0.0	0.0
1979	BN	47.4	47.4	0.0	0.0
1980	AN	47.2	47.3	0.1	0.2
1981	D	50.3	50.4	0.1	0.2
1982	W	46.4	46.4	0.0	0.0
1983	W	47.6	47.7	0.1	0.2
1984	W	47.6	47.5	-0.1	-0.2
1985	D	47.7	47.9	0.2	0.4
1986	W	47.2	47.1	-0.1	-0.2
1987	D	51.1	50.0	-1.1	-2.2
1988	C	51.6	51.8	0.2	0.4
1989	D	47.3	47.0	-0.3	-0.6
1990	C	48.4	48.3	-0.1	-0.2
1991	C	53.9	52.8	-1.1	-2.0
1992	C	52.9	51.9	-1.0	-1.9
1993	AN	46.5	46.4	-0.1	-0.2
	Mean:	47.9	47.8	-0.1	-0.1
	Median:	47.6	47.6	0.0	0.0
	Min:	43.4	43.6	-2.6	-4.9
	Max:	53.9	52.8	1.5	3.0

American River Water Temperatures at Watt Ave

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	49.7	52.5	2.8	5.6
1924	C	53.7	53.2	-0.5	-0.9
1925	D	50.4	50.5	0.1	0.2
1926	D	53.6	55.8	2.2	4.1
1927	W	51.1	50.9	-0.2	-0.4
1928	AN	51.2	51.1	-0.1	-0.2
1929	C	52.6	51.9	-0.7	-1.3
1930	D	53.7	53.3	-0.4	-0.7
1931	C	55.7	56.0	0.3	0.5
1932	D	52.6	53.4	0.8	1.5
1933	C	51.8	53.0	1.2	2.3
1934	C	55.5	55.8	0.3	0.5
1935	BN	50.3	50.2	-0.1	-0.2
1936	BN	52.0	51.9	-0.1	-0.2
1937	BN	51.3	51.3	0.0	0.0
1938	W	49.6	49.6	0.0	0.0
1939	D	52.7	53.2	0.5	0.9
1940	AN	51.0	51.1	0.1	0.2
1941	W	52.4	52.4	0.0	0.0
1942	W	50.6	50.5	-0.1	-0.2
1943	W	50.6	50.6	0.0	0.0
1944	D	53.0	52.1	-0.9	-1.7
1945	BN	49.9	50.2	0.3	0.6
1946	BN	50.4	50.4	0.0	0.0
1947	D	53.0	52.9	-0.1	-0.2
1948	BN	50.5	49.7	-0.8	-1.6
1949	D	49.0	49.2	0.2	0.4
1950	BN	50.8	51.0	0.2	0.4
1951	AN	50.5	50.2	-0.3	-0.6
1952	W	49.4	49.5	0.1	0.2
1953	W	51.8	51.8	0.0	0.0
1954	AN	50.2	50.2	0.0	0.0
1955	D	50.9	50.2	-0.7	-1.4
1956	W	51.7	51.6	-0.1	-0.2
1957	AN	52.3	52.2	-0.1	-0.2
1958	W	50.3	50.3	0.0	0.0
1959	BN	54.3	54.6	0.3	0.6
1960	D	52.6	52.4	-0.2	-0.4
1961	D	53.7	53.0	-0.7	-1.3
1962	BN	50.6	49.8	-0.8	-1.6
1963	W	50.5	51.1	0.6	1.2
1964	D	51.0	49.9	-1.1	-2.2
1965	W	51.8	51.3	-0.5	-1.0
1966	BN	52.3	53.9	1.6	3.1
1967	W	50.2	50.2	0.0	0.0
1968	BN	53.7	53.4	-0.3	-0.6
1969	W	49.9	49.8	-0.1	-0.2
1970	W	52.5	52.3	-0.2	-0.4
1971	W	49.8	49.7	-0.1	-0.2
1972	BN	53.4	53.3	-0.1	-0.2
1973	AN	50.1	50.2	0.1	0.2
1974	W	50.2	50.1	-0.1	-0.2
1975	W	50.0	50.0	0.0	0.0
1976	C	54.0	54.0	0.0	0.0
1977	C	53.1	53.4	0.3	0.6
1978	AN	53.1	52.8	-0.3	-0.6
1979	BN	52.1	52.4	0.3	0.6
1980	AN	50.9	50.7	-0.2	-0.4
1981	D	53.1	53.3	0.2	0.4
1982	W	49.8	49.8	0.0	0.0
1983	W	49.9	50.0	0.1	0.2
1984	W	53.8	53.0	-0.8	-1.5
1985	D	50.9	51.0	0.1	0.2
1986	W	51.0	51.2	0.2	0.4
1987	D	53.7	53.5	-0.2	-0.4
1988	C	56.2	57.3	1.1	2.0
1989	D	50.8	50.7	-0.1	-0.2
1990	C	54.6	54.0	-0.6	-1.1
1991	C	52.9	51.9	-1.0	-1.9
1992	C	54.5	57.5	3.0	5.5
1993	AN	52.5	52.4	-0.1	-0.2
	Mean:	51.8	51.9	0.1	0.1
	Median:	51.7	51.6	0.0	0.0
	Min:	49.0	49.2	-1.1	-2.2
	Max:	56.2	57.5	3.0	5.6

American River Water Temperatures at Watt Ave

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.2	54.8	-0.4	-0.7
1924	C	60.9	60.3	-0.6	-1.0
1925	D	56.3	56.8	0.5	0.9
1926	D	59.3	59.2	-0.1	-0.2
1927	W	53.8	53.9	0.1	0.2
1928	AN	54.5	54.8	0.3	0.6
1929	C	52.5	56.2	3.7	7.0
1930	D	58.0	57.9	-0.1	-0.2
1931	C	60.7	61.8	1.1	1.8
1932	D	56.3	56.4	0.1	0.2
1933	C	55.6	56.3	0.7	1.3
1934	C	57.3	57.1	-0.2	-0.3
1935	BN	54.3	54.3	0.0	0.0
1936	BN	55.2	55.4	0.2	0.4
1937	BN	54.1	54.2	0.1	0.2
1938	W	53.7	53.7	0.0	0.0
1939	D	60.8	61.4	0.6	1.0
1940	AN	55.0	55.2	0.2	0.4
1941	W	54.8	54.9	0.1	0.2
1942	W	53.6	53.7	0.1	0.2
1943	W	54.7	55.0	0.3	0.5
1944	D	55.9	56.2	0.3	0.5
1945	BN	55.3	55.9	0.6	1.1
1946	BN	55.2	55.5	0.3	0.5
1947	D	57.8	59.0	1.2	2.1
1948	BN	53.5	53.8	0.3	0.6
1949	D	56.1	56.4	0.3	0.5
1950	BN	55.3	55.4	0.1	0.2
1951	AN	56.1	56.3	0.2	0.4
1952	W	53.6	53.7	0.1	0.2
1953	W	55.2	55.8	0.6	1.1
1954	AN	55.6	55.8	0.2	0.4
1955	D	53.8	53.1	-0.7	-1.3
1956	W	56.6	57.0	0.4	0.7
1957	AN	57.3	57.9	0.6	1.0
1958	W	53.9	54.0	0.1	0.2
1959	BN	62.0	63.1	1.1	1.8
1960	D	56.7	56.8	0.1	0.2
1961	D	56.7	59.6	2.9	5.1
1962	BN	56.2	57.5	1.3	2.3
1963	W	53.3	53.3	0.0	0.0
1964	D	55.2	54.8	-0.4	-0.7
1965	W	54.4	54.5	0.1	0.2
1966	BN	59.8	59.3	-0.5	-0.8
1967	W	51.7	52.0	0.3	0.6
1968	BN	58.2	59.0	0.8	1.4
1969	W	54.0	54.2	0.2	0.4
1970	W	56.3	56.3	0.0	0.0
1971	W	54.0	54.4	0.4	0.7
1972	BN	57.3	57.6	0.3	0.5
1973	AN	56.2	56.6	0.4	0.7
1974	W	53.8	54.1	0.3	0.6
1975	W	52.7	53.3	0.6	1.1
1976	C	58.3	57.8	-0.5	-0.9
1977	C	63.7	64.5	0.8	1.3
1978	AN	55.0	55.4	0.4	0.7
1979	BN	56.1	56.5	0.4	0.7
1980	AN	56.7	56.9	0.2	0.4
1981	D	57.5	59.2	1.7	3.0
1982	W	53.1	53.1	0.0	0.0
1983	W	53.2	53.6	0.4	0.8
1984	W	56.8	57.3	0.5	0.9
1985	D	57.6	58.7	1.1	1.9
1986	W	57.1	57.1	0.0	0.0
1987	D	59.9	61.8	1.9	3.2
1988	C	61.1	61.0	-0.1	-0.2
1989	D	56.9	58.3	1.4	2.5
1990	C	57.5	58.1	0.6	1.0
1991	C	56.8	57.5	0.7	1.2
1992	C	56.4	56.7	0.3	0.5
1993	AN	55.5	56.3	0.8	1.4
	Mean:	56.1	56.6	0.4	0.7
	Median:	56.1	56.3	0.3	0.5
	Min:	51.7	52.0	-0.7	-1.3
	Max:	63.7	64.5	3.7	7.0

American River Water Temperatures at Watt Ave

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	58.2	58.0	-0.2	-0.3
1924	C	67.8	67.9	0.1	0.1
1925	D	58.9	59.2	0.3	0.5
1926	D	62.5	62.6	0.1	0.2
1927	W	57.9	57.9	0.0	0.0
1928	AN	60.3	60.6	0.3	0.5
1929	C	62.4	62.7	0.3	0.5
1930	D	59.8	60.1	0.3	0.5
1931	C	69.4	69.1	-0.3	-0.4
1932	D	59.2	59.2	0.0	0.0
1933	C	62.2	60.1	-2.1	-3.4
1934	C	65.8	66.5	0.7	1.1
1935	BN	58.1	58.4	0.3	0.5
1936	BN	59.8	59.6	-0.2	-0.3
1937	BN	58.9	58.8	-0.1	-0.2
1938	W	58.2	58.2	0.0	0.0
1939	D	65.7	66.9	1.2	1.8
1940	AN	60.0	60.3	0.3	0.5
1941	W	58.1	58.2	0.1	0.2
1942	W	56.6	56.6	0.0	0.0
1943	W	59.9	60.7	0.8	1.3
1944	D	60.7	62.2	1.5	2.5
1945	BN	57.9	58.1	0.2	0.3
1946	BN	59.0	59.0	0.0	0.0
1947	D	65.1	66.7	1.6	2.5
1948	BN	56.3	57.7	1.4	2.5
1949	D	59.9	60.5	0.6	1.0
1950	BN	59.5	59.3	-0.2	-0.3
1951	AN	59.3	59.6	0.3	0.5
1952	W	58.2	58.2	0.0	0.0
1953	W	57.5	57.8	0.3	0.5
1954	AN	60.6	61.1	0.5	0.8
1955	D	61.2	62.1	0.9	1.5
1956	W	58.8	58.7	-0.1	-0.2
1957	AN	60.2	60.4	0.2	0.3
1958	W	58.6	58.6	0.0	0.0
1959	BN	62.8	64.4	1.6	2.5
1960	D	61.8	62.4	0.6	1.0
1961	D	60.1	62.2	2.1	3.5
1962	BN	59.7	61.0	1.3	2.2
1963	W	56.8	56.7	-0.1	-0.2
1964	D	61.1	61.5	0.4	0.7
1965	W	58.5	58.7	0.2	0.3
1966	BN	62.5	64.7	2.2	3.5
1967	W	56.9	56.9	0.0	0.0
1968	BN	62.0	62.7	0.7	1.1
1969	W	58.3	58.2	-0.1	-0.2
1970	W	61.6	63.1	1.5	2.4
1971	W	57.1	57.5	0.4	0.7
1972	BN	61.5	62.3	0.8	1.3
1973	AN	60.6	60.6	0.0	0.0
1974	W	58.0	58.0	0.0	0.0
1975	W	58.0	57.8	-0.2	-0.3
1976	C	65.6	66.5	0.9	1.4
1977	C	62.8	63.2	0.4	0.6
1978	AN	59.1	59.5	0.4	0.7
1979	BN	59.4	59.5	0.1	0.2
1980	AN	58.8	59.2	0.4	0.7
1981	D	62.5	64.7	2.2	3.5
1982	W	57.9	57.9	0.0	0.0
1983	W	57.5	57.5	0.0	0.0
1984	W	61.7	62.5	0.8	1.3
1985	D	61.5	61.9	0.4	0.7
1986	W	60.3	60.6	0.3	0.5
1987	D	67.1	69.0	1.9	2.8
1988	C	61.8	64.6	2.8	4.5
1989	D	60.9	61.5	0.6	1.0
1990	C	64.5	64.2	-0.3	-0.5
1991	C	61.9	62.5	0.6	1.0
1992	C	65.1	69.5	4.4	6.8
1993	AN	58.8	58.8	0.0	0.0
	Mean:	60.5	61.0	0.5	0.8
	Median:	59.9	60.4	0.3	0.5
	Min:	56.3	56.6	-2.1	-3.4
	Max:	69.4	69.5	4.4	6.8

American River Water Temperatures at Watt Ave

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	61.7	62.0	0.3	0.5
1924	C	67.9	69.0	1.1	1.6
1925	D	63.4	63.4	0.0	0.0
1926	D	64.4	65.4	1.0	1.6
1927	W	62.1	62.2	0.1	0.2
1928	AN	64.7	65.2	0.5	0.8
1929	C	63.8	68.4	4.6	7.2
1930	D	65.3	65.1	-0.2	-0.3
1931	C	67.5	70.0	2.5	3.7
1932	D	62.8	62.7	-0.1	-0.2
1933	C	62.9	64.3	1.4	2.2
1934	C	66.7	66.6	-0.1	-0.1
1935	BN	63.8	64.3	0.5	0.8
1936	BN	63.1	63.1	0.0	0.0
1937	BN	62.8	62.9	0.1	0.2
1938	W	62.8	62.7	-0.1	-0.2
1939	D	64.2	65.3	1.1	1.7
1940	AN	66.0	66.0	0.0	0.0
1941	W	62.5	62.7	0.2	0.3
1942	W	61.0	61.0	0.0	0.0
1943	W	62.4	62.4	0.0	0.0
1944	D	64.4	64.7	0.3	0.5
1945	BN	62.5	62.8	0.3	0.5
1946	BN	62.4	62.5	0.1	0.2
1947	D	65.0	64.2	-0.8	-1.2
1948	BN	60.8	60.7	-0.1	-0.2
1949	D	63.6	63.3	-0.3	-0.5
1950	BN	62.4	62.6	0.2	0.3
1951	AN	63.9	65.0	1.1	1.7
1952	W	61.4	61.3	-0.1	-0.2
1953	W	60.4	60.3	-0.1	-0.2
1954	AN	64.6	64.7	0.1	0.2
1955	D	65.3	65.2	-0.1	-0.2
1956	W	62.7	62.7	0.0	0.0
1957	AN	63.7	64.0	0.3	0.5
1958	W	62.3	62.3	0.0	0.0
1959	BN	67.7	66.9	-0.8	-1.2
1960	D	66.7	66.9	0.2	0.3
1961	D	68.9	69.1	0.2	0.3
1962	BN	65.4	65.0	-0.4	-0.6
1963	W	62.2	62.4	0.2	0.3
1964	D	64.6	66.0	1.4	2.2
1965	W	61.9	62.1	0.2	0.3
1966	BN	66.3	65.5	-0.8	-1.2
1967	W	61.7	61.7	0.0	0.0
1968	BN	67.3	66.7	-0.6	-0.9
1969	W	61.7	61.7	0.0	0.0
1970	W	66.5	66.6	0.1	0.2
1971	W	60.5	60.5	0.0	0.0
1972	BN	64.2	64.6	0.4	0.6
1973	AN	64.4	64.5	0.1	0.2
1974	W	62.6	62.8	0.2	0.3
1975	W	62.3	62.2	-0.1	-0.2
1976	C	69.4	69.0	-0.4	-0.6
1977	C	72.0	72.5	0.5	0.7
1978	AN	62.6	62.8	0.2	0.3
1979	BN	63.4	63.4	0.0	0.0
1980	AN	61.7	61.9	0.2	0.3
1981	D	68.5	66.6	-1.9	-2.8
1982	W	61.4	61.4	0.0	0.0
1983	W	62.4	62.3	-0.1	-0.2
1984	W	64.3	64.6	0.3	0.5
1985	D	65.4	65.5	0.1	0.2
1986	W	63.7	64.1	0.4	0.6
1987	D	64.3	65.9	1.6	2.5
1988	C	68.2	70.0	1.8	2.6
1989	D	65.6	65.4	-0.2	-0.3
1990	C	65.6	68.7	3.1	4.7
1991	C	66.0	64.8	-1.2	-1.8
1992	C	69.0	66.3	-2.7	-3.9
1993	AN	62.6	62.7	0.1	0.2
	Mean:	64.2	64.4	0.2	0.3
	Median:	63.8	64.3	0.1	0.2
	Min:	60.4	60.3	-2.7	-3.9
	Max:	72.0	72.5	4.6	7.2

American River Water Temperatures at Watt Ave

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	65.9	65.3	-0.6	-0.9
1924	C	68.7	69.0	0.3	0.4
1925	D	66.0	66.0	0.0	0.0
1926	D	67.7	66.5	-1.2	-1.8
1927	W	65.9	65.0	-0.9	-1.4
1928	AN	66.1	64.6	-1.5	-2.3
1929	C	67.2	69.0	1.8	2.7
1930	D	65.2	64.6	-0.6	-0.9
1931	C	70.1	74.1	4.0	5.7
1932	D	67.8	67.5	-0.3	-0.4
1933	C	69.0	69.0	0.0	0.0
1934	C	69.1	69.0	-0.1	-0.1
1935	BN	65.9	65.8	-0.1	-0.2
1936	BN	67.6	67.4	-0.2	-0.3
1937	BN	66.8	66.6	-0.2	-0.3
1938	W	66.2	66.0	-0.2	-0.3
1939	D	68.0	66.7	-1.3	-1.9
1940	AN	66.0	65.7	-0.3	-0.5
1941	W	65.0	65.0	0.0	0.0
1942	W	66.0	65.0	-1.0	-1.5
1943	W	65.8	64.8	-1.0	-1.5
1944	D	66.3	65.8	-0.5	-0.8
1945	BN	66.4	65.7	-0.7	-1.1
1946	BN	65.6	64.9	-0.7	-1.1
1947	D	64.5	66.1	1.6	2.5
1948	BN	64.8	64.6	-0.2	-0.3
1949	D	65.9	65.4	-0.5	-0.8
1950	BN	66.6	65.8	-0.8	-1.2
1951	AN	65.4	65.1	-0.3	-0.5
1952	W	66.3	65.9	-0.4	-0.6
1953	W	66.3	65.8	-0.5	-0.8
1954	AN	65.0	65.0	0.0	0.0
1955	D	61.9	63.3	1.4	2.3
1956	W	67.9	66.2	-1.7	-2.5
1957	AN	66.4	65.9	-0.5	-0.8
1958	W	67.8	67.7	-0.1	-0.1
1959	BN	66.0	65.8	-0.2	-0.3
1960	D	65.9	66.4	0.5	0.8
1961	D	68.5	69.5	1.0	1.5
1962	BN	66.2	65.9	-0.3	-0.5
1963	W	65.0	64.5	-0.5	-0.8
1964	D	64.6	65.0	0.4	0.6
1965	W	65.7	65.1	-0.6	-0.9
1966	BN	62.7	64.2	1.5	2.4
1967	W	67.8	67.6	-0.2	-0.3
1968	BN	64.1	64.3	0.2	0.3
1969	W	66.7	66.2	-0.5	-0.7
1970	W	65.9	65.8	-0.1	-0.2
1971	W	65.4	64.8	-0.6	-0.9
1972	BN	63.7	63.3	-0.4	-0.6
1973	AN	65.7	65.2	-0.5	-0.8
1974	W	67.2	66.0	-1.2	-1.8
1975	W	66.0	65.1	-0.9	-1.4
1976	C	67.4	69.0	1.6	2.4
1977	C	72.6	69.8	-2.8	-3.9
1978	AN	66.6	65.8	-0.8	-1.2
1979	BN	67.0	66.9	-0.1	-0.1
1980	AN	66.3	65.7	-0.6	-0.9
1981	D	65.3	64.6	-0.7	-1.1
1982	W	66.0	65.0	-1.0	-1.5
1983	W	66.1	66.0	-0.1	-0.2
1984	W	67.4	66.8	-0.6	-0.9
1985	D	66.1	65.0	-1.1	-1.7
1986	W	67.0	66.3	-0.7	-1.0
1987	D	66.2	66.9	0.7	1.1
1988	C	70.4	73.9	3.5	5.0
1989	D	65.3	65.3	0.0	0.0
1990	C	69.6	69.4	-0.2	-0.3
1991	C	69.0	68.2	-0.8	-1.2
1992	C	70.0	70.0	0.0	0.0
1993	AN	66.0	65.9	-0.1	-0.2
	Mean:	66.5	66.4	-0.2	-0.3
	Median:	66.2	65.8	-0.3	-0.5
	Min:	61.9	63.3	-2.8	-3.9
	Max:	72.6	74.1	4.0	5.7

American River Water Temperatures at Watt Ave

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.0	66.1	-1.9	-2.8
1924	C	71.1	69.6	-1.5	-2.1
1925	D	66.0	65.9	-0.1	-0.2
1926	D	69.0	68.6	-0.4	-0.6
1927	W	66.1	65.0	-1.1	-1.7
1928	AN	65.3	65.3	0.0	0.0
1929	C	69.0	69.0	0.0	0.0
1930	D	66.5	66.9	0.4	0.6
1931	C	71.8	72.9	1.1	1.5
1932	D	68.2	68.0	-0.2	-0.3
1933	C	69.0	69.0	0.0	0.0
1934	C	69.1	69.0	-0.1	-0.1
1935	BN	66.0	65.7	-0.3	-0.5
1936	BN	68.0	67.0	-1.0	-1.5
1937	BN	66.1	65.3	-0.8	-1.2
1938	W	66.0	65.3	-0.7	-1.1
1939	D	69.0	69.0	0.0	0.0
1940	AN	66.0	66.0	0.0	0.0
1941	W	64.9	64.1	-0.8	-1.2
1942	W	66.0	65.0	-1.0	-1.5
1943	W	66.7	65.0	-1.7	-2.5
1944	D	65.3	65.6	0.3	0.5
1945	BN	66.7	66.0	-0.7	-1.0
1946	BN	65.5	64.9	-0.6	-0.9
1947	D	67.0	67.0	0.0	0.0
1948	BN	65.0	64.0	-1.0	-1.5
1949	D	64.8	63.9	-0.9	-1.4
1950	BN	67.0	66.0	-1.0	-1.5
1951	AN	66.0	65.1	-0.9	-1.4
1952	W	68.0	65.7	-2.3	-3.4
1953	W	67.0	66.0	-1.0	-1.5
1954	AN	64.4	64.6	0.2	0.3
1955	D	67.5	67.5	0.0	0.0
1956	W	68.0	66.0	-2.0	-2.9
1957	AN	66.0	66.0	0.0	0.0
1958	W	69.0	67.9	-1.1	-1.6
1959	BN	71.7	69.0	-2.7	-3.8
1960	D	68.4	68.0	-0.4	-0.6
1961	D	74.2	72.7	-1.5	-2.0
1962	BN	67.0	67.0	0.0	0.0
1963	W	65.0	65.0	0.0	0.0
1964	D	67.9	67.0	-0.9	-1.3
1965	W	68.0	66.0	-2.0	-2.9
1966	BN	70.6	68.0	-2.6	-3.7
1967	W	69.0	68.0	-1.0	-1.4
1968	BN	68.0	68.0	0.0	0.0
1969	W	67.0	66.1	-0.9	-1.3
1970	W	66.8	66.8	0.0	0.0
1971	W	66.0	65.0	-1.0	-1.5
1972	BN	67.3	67.0	-0.3	-0.4
1973	AN	65.0	65.0	0.0	0.0
1974	W	68.1	66.0	-2.1	-3.1
1975	W	65.5	65.0	-0.5	-0.8
1976	C	70.5	69.0	-1.5	-2.1
1977	C	73.8	72.7	-1.1	-1.5
1978	AN	66.1	66.0	-0.1	-0.2
1979	BN	66.4	65.3	-1.1	-1.7
1980	AN	67.9	66.0	-1.9	-2.8
1981	D	69.0	68.1	-0.9	-1.3
1982	W	66.0	65.0	-1.0	-1.5
1983	W	68.6	67.0	-1.6	-2.3
1984	W	67.0	66.5	-0.5	-0.7
1985	D	67.5	66.3	-1.2	-1.8
1986	W	67.9	67.0	-0.9	-1.3
1987	D	70.9	69.0	-1.9	-2.7
1988	C	70.7	70.8	0.1	0.1
1989	D	68.0	67.8	-0.2	-0.3
1990	C	69.5	69.1	-0.4	-0.6
1991	C	65.6	69.0	3.4	5.2
1992	C	71.1	71.6	0.5	0.7
1993	AN	66.0	66.0	0.0	0.0
	Mean:	67.6	67.0	-0.7	-1.0
	Median:	67.3	66.3	-0.7	-1.1
	Min:	64.4	63.9	-2.7	-3.8
	Max:	74.2	72.9	3.4	5.2

American River Water Temperatures at Watt Ave

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.0	66.0	-2.0	-2.9
1924	C	68.1	68.7	0.6	0.9
1925	D	66.0	65.3	-0.7	-1.1
1926	D	68.2	67.9	-0.3	-0.4
1927	W	66.0	65.0	-1.0	-1.5
1928	AN	67.0	66.0	-1.0	-1.5
1929	C	69.0	69.0	0.0	0.0
1930	D	66.5	67.0	0.5	0.8
1931	C	68.9	68.6	-0.3	-0.4
1932	D	68.0	67.2	-0.8	-1.2
1933	C	68.6	68.3	-0.3	-0.4
1934	C	69.2	69.4	0.2	0.3
1935	BN	66.0	65.0	-1.0	-1.5
1936	BN	68.0	67.0	-1.0	-1.5
1937	BN	66.0	66.0	0.0	0.0
1938	W	66.0	65.0	-1.0	-1.5
1939	D	69.0	69.0	0.0	0.0
1940	AN	66.0	65.5	-0.5	-0.8
1941	W	64.5	64.0	-0.5	-0.8
1942	W	66.0	65.0	-1.0	-1.5
1943	W	66.0	65.0	-1.0	-1.5
1944	D	67.5	66.0	-1.5	-2.2
1945	BN	66.0	66.0	0.0	0.0
1946	BN	65.0	64.0	-1.0	-1.5
1947	D	67.0	67.0	0.0	0.0
1948	BN	65.0	64.0	-1.0	-1.5
1949	D	65.0	65.0	0.0	0.0
1950	BN	67.0	65.5	-1.5	-2.2
1951	AN	66.0	65.0	-1.0	-1.5
1952	W	67.0	65.0	-2.0	-3.0
1953	W	66.7	65.3	-1.4	-2.1
1954	AN	65.0	64.7	-0.3	-0.5
1955	D	67.0	67.0	0.0	0.0
1956	W	68.0	66.0	-2.0	-2.9
1957	AN	66.0	66.0	0.0	0.0
1958	W	69.0	67.0	-2.0	-2.9
1959	BN	69.0	68.7	-0.3	-0.4
1960	D	68.0	68.0	0.0	0.0
1961	D	69.0	69.0	0.0	0.0
1962	BN	67.0	67.0	0.0	0.0
1963	W	65.0	64.9	-0.1	-0.2
1964	D	68.0	67.0	-1.0	-1.5
1965	W	67.7	66.0	-1.7	-2.5
1966	BN	69.0	68.0	-1.0	-1.4
1967	W	69.0	68.0	-1.0	-1.4
1968	BN	68.0	67.0	-1.0	-1.5
1969	W	67.0	66.0	-1.0	-1.5
1970	W	67.0	66.1	-0.9	-1.3
1971	W	66.0	65.0	-1.0	-1.5
1972	BN	67.0	67.0	0.0	0.0
1973	AN	65.0	65.0	0.0	0.0
1974	W	67.3	66.0	-1.3	-1.9
1975	W	65.0	64.0	-1.0	-1.5
1976	C	69.0	69.0	0.0	0.0
1977	C	68.8	68.6	-0.2	-0.3
1978	AN	65.8	66.0	0.2	0.3
1979	BN	67.0	66.1	-0.9	-1.3
1980	AN	67.9	65.5	-2.4	-3.5
1981	D	69.0	68.0	-1.0	-1.4
1982	W	66.0	64.3	-1.7	-2.6
1983	W	68.0	66.3	-1.7	-2.5
1984	W	67.0	66.0	-1.0	-1.5
1985	D	67.0	66.0	-1.0	-1.5
1986	W	66.9	64.1	-2.8	-4.2
1987	D	69.0	69.0	0.0	0.0
1988	C	71.1	70.0	-1.1	-1.5
1989	D	68.0	67.7	-0.3	-0.4
1990	C	69.1	69.6	0.5	0.7
1991	C	69.0	69.0	0.0	0.0
1992	C	70.3	69.8	-0.5	-0.7
1993	AN	66.0	65.1	-0.9	-1.4
	Mean:	67.3	66.6	-0.7	-1.0
	Median:	67.0	66.0	-0.9	-1.3
	Min:	64.5	64.0	-2.8	-4.2
	Max:	71.1	70.0	0.6	0.9

American River Water Temperatures at H Street

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	57.6	57.5	-0.1	-0.2
1924	C	61.2	58.9	-2.3	-3.8
1925	D	61.7	60.9	-0.8	-1.3
1926	D	59.1	58.4	-0.7	-1.2
1927	W	62.6	62.2	-0.4	-0.6
1928	AN	59.1	57.3	-1.8	-3.0
1929	C	59.3	59.0	-0.3	-0.5
1930	D	64.1	65.2	1.1	1.7
1931	C	59.4	59.3	-0.1	-0.2
1932	D	63.3	63.6	0.3	0.5
1933	C	62.0	60.3	-1.7	-2.7
1934	C	66.3	66.1	-0.2	-0.3
1935	BN	64.9	64.2	-0.7	-1.1
1936	BN	58.4	58.4	0.0	0.0
1937	BN	60.8	60.4	-0.4	-0.7
1938	W	59.2	59.4	0.2	0.3
1939	D	59.4	58.0	-1.4	-2.4
1940	AN	64.7	62.9	-1.8	-2.8
1941	W	59.2	58.2	-1.0	-1.7
1942	W	57.2	57.4	0.2	0.3
1943	W	58.7	57.6	-1.1	-1.9
1944	D	59.0	58.6	-0.4	-0.7
1945	BN	60.4	59.4	-1.0	-1.7
1946	BN	59.3	58.5	-0.8	-1.3
1947	D	58.3	57.5	-0.8	-1.4
1948	BN	59.7	59.8	0.1	0.2
1949	D	57.2	57.3	0.1	0.2
1950	BN	58.1	58.4	0.3	0.5
1951	AN	59.6	57.4	-2.2	-3.7
1952	W	58.8	58.1	-0.7	-1.2
1953	W	60.2	58.5	-1.7	-2.8
1954	AN	58.8	58.3	-0.5	-0.9
1955	D	58.4	57.5	-0.9	-1.5
1956	W	60.4	60.3	-0.1	-0.2
1957	AN	62.0	59.4	-2.6	-4.2
1958	W	58.8	58.7	-0.1	-0.2
1959	BN	65.5	60.7	-4.8	-7.3
1960	D	65.5	65.0	-0.5	-0.8
1961	D	61.7	61.1	-0.6	-1.0
1962	BN	63.5	63.2	-0.3	-0.5
1963	W	59.5	59.1	-0.4	-0.7
1964	D	58.0	57.8	-0.2	-0.3
1965	W	60.3	60.4	0.1	0.2
1966	BN	61.2	59.2	-2.0	-3.3
1967	W	63.1	60.7	-2.4	-3.8
1968	BN	66.6	62.0	-4.6	-6.9
1969	W	60.7	60.4	-0.3	-0.5
1970	W	59.3	59.3	0.0	0.0
1971	W	60.1	58.7	-1.4	-2.3
1972	BN	58.3	57.6	-0.7	-1.2
1973	AN	60.4	60.2	-0.2	-0.3
1974	W	58.1	58.4	0.3	0.5
1975	W	60.3	58.7	-1.6	-2.7
1976	C	58.3	57.6	-0.7	-1.2
1977	C	66.4	65.3	-1.1	-1.7
1978	AN	64.2	63.3	-0.9	-1.4
1979	BN	59.3	59.3	0.0	0.0
1980	AN	60.0	59.3	-0.7	-1.2
1981	D	61.5	58.6	-2.9	-4.7
1982	W	62.4	61.2	-1.2	-1.9
1983	W	58.5	57.1	-1.4	-2.4
1984	W	62.2	59.4	-2.8	-4.5
1985	D	60.3	58.8	-1.5	-2.5
1986	W	60.4	59.4	-1.0	-1.7
1987	D	60.2	59.5	-0.7	-1.2
1988	C	65.6	64.4	-1.2	-1.8
1989	D	65.7	64.7	-1.0	-1.5
1990	C	61.6	60.1	-1.5	-2.4
1991	C	67.2	66.8	-0.4	-0.6
1992	C	67.2	67.8	0.6	0.9
1993	AN	65.6	65.8	0.2	0.3
	Mean:	61.1	60.2	-0.9	-1.4
	Median:	60.3	59.3	-0.7	-1.2
	Min:	57.2	57.1	-4.8	-7.3
	Max:	67.2	67.8	1.1	1.7

American River Water Temperatures at H Street

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.5	54.0	-0.5	-0.9
1924	C	55.9	56.2	0.3	0.5
1925	D	52.7	53.4	0.7	1.3
1926	D	55.9	55.9	0.0	0.0
1927	W	56.6	56.4	-0.2	-0.4
1928	AN	56.1	56.2	0.1	0.2
1929	C	56.2	56.3	0.1	0.2
1930	D	56.1	57.2	1.1	2.0
1931	C	56.2	56.5	0.3	0.5
1932	D	52.6	52.8	0.2	0.4
1933	C	56.2	56.1	-0.1	-0.2
1934	C	56.4	56.5	0.1	0.2
1935	BN	55.1	54.3	-0.8	-1.5
1936	BN	55.7	55.2	-0.5	-0.9
1937	BN	56.0	56.0	0.0	0.0
1938	W	56.2	56.3	0.1	0.2
1939	D	56.2	56.0	-0.2	-0.4
1940	AN	57.4	56.4	-1.0	-1.7
1941	W	56.3	56.0	-0.3	-0.5
1942	W	56.3	56.2	-0.1	-0.2
1943	W	56.3	56.3	0.0	0.0
1944	D	56.2	56.0	-0.2	-0.4
1945	BN	55.4	55.2	-0.2	-0.4
1946	BN	56.2	56.2	0.0	0.0
1947	D	55.1	55.2	0.1	0.2
1948	BN	53.0	52.6	-0.4	-0.8
1949	D	56.3	55.9	-0.4	-0.7
1950	BN	56.1	56.0	-0.1	-0.2
1951	AN	56.3	56.4	0.1	0.2
1952	W	56.3	56.3	0.0	0.0
1953	W	56.0	56.1	0.1	0.2
1954	AN	56.3	56.3	0.0	0.0
1955	D	55.6	55.7	0.1	0.2
1956	W	55.6	55.0	-0.6	-1.1
1957	AN	56.1	56.0	-0.1	-0.2
1958	W	56.2	56.1	-0.1	-0.2
1959	BN	56.2	55.8	-0.4	-0.7
1960	D	57.7	56.5	-1.2	-2.1
1961	D	56.2	55.9	-0.3	-0.5
1962	BN	54.0	53.7	-0.3	-0.6
1963	W	56.4	56.3	-0.1	-0.2
1964	D	56.4	56.3	-0.1	-0.2
1965	W	54.4	54.1	-0.3	-0.6
1966	BN	56.1	56.0	-0.1	-0.2
1967	W	56.3	56.1	-0.2	-0.4
1968	BN	56.3	56.1	-0.2	-0.4
1969	W	55.6	54.3	-1.3	-2.3
1970	W	56.1	56.0	-0.1	-0.2
1971	W	56.1	56.3	0.2	0.4
1972	BN	56.4	56.1	-0.3	-0.5
1973	AN	54.0	52.5	-1.5	-2.8
1974	W	55.9	55.5	-0.4	-0.7
1975	W	56.2	56.0	-0.2	-0.4
1976	C	56.3	55.9	-0.4	-0.7
1977	C	57.8	57.0	-0.8	-1.4
1978	AN	54.9	55.0	0.1	0.2
1979	BN	56.1	55.8	-0.3	-0.5
1980	AN	56.2	56.2	0.0	0.0
1981	D	56.2	55.6	-0.6	-1.1
1982	W	56.6	56.6	0.0	0.0
1983	W	56.2	56.0	-0.2	-0.4
1984	W	56.2	56.3	0.1	0.2
1985	D	56.3	56.4	0.1	0.2
1986	W	51.8	53.8	2.0	3.9
1987	D	56.1	56.0	-0.1	-0.2
1988	C	56.1	56.0	-0.1	-0.2
1989	D	54.9	55.7	0.8	1.5
1990	C	56.2	56.2	0.0	0.0
1991	C	57.5	56.9	-0.6	-1.0
1992	C	56.1	56.9	0.8	1.4
1993	AN	55.0	55.7	0.7	1.3
	Mean:	55.8	55.7	-0.1	-0.2
	Median:	56.2	56.0	-0.1	-0.2
	Min:	51.8	52.5	-1.5	-2.8
	Max:	57.8	57.2	2.0	3.9

American River Water Temperatures at H Street

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	47.7	47.8	0.1	0.2
1924	C	50.9	50.4	-0.5	-1.0
1925	D	43.4	44.3	0.9	2.1
1926	D	49.1	48.8	-0.3	-0.6
1927	W	48.9	48.3	-0.6	-1.2
1928	AN	48.7	48.8	0.1	0.2
1929	C	47.9	47.6	-0.3	-0.6
1930	D	50.5	50.0	-0.5	-1.0
1931	C	49.2	48.8	-0.4	-0.8
1932	D	45.3	45.9	0.6	1.3
1933	C	47.3	47.8	0.5	1.1
1934	C	46.1	46.7	0.6	1.3
1935	BN	47.8	47.5	-0.3	-0.6
1936	BN	49.7	49.5	-0.2	-0.4
1937	BN	49.3	49.0	-0.3	-0.6
1938	W	51.1	50.8	-0.3	-0.6
1939	D	49.8	49.9	0.1	0.2
1940	AN	49.9	51.0	1.1	2.2
1941	W	51.5	51.4	-0.1	-0.2
1942	W	50.1	50.2	0.1	0.2
1943	W	48.9	49.0	0.1	0.2
1944	D	50.9	50.9	0.0	0.0
1945	BN	49.4	49.5	0.1	0.2
1946	BN	49.0	49.1	0.1	0.2
1947	D	48.4	48.3	-0.1	-0.2
1948	BN	46.9	46.7	-0.2	-0.4
1949	D	47.3	47.3	0.0	0.0
1950	BN	48.8	48.8	0.0	0.0
1951	AN	48.6	48.4	-0.2	-0.4
1952	W	49.3	49.5	0.2	0.4
1953	W	49.9	50.2	0.3	0.6
1954	AN	50.7	50.7	0.0	0.0
1955	D	46.8	47.1	0.3	0.6
1956	W	48.6	47.7	-0.9	-1.9
1957	AN	50.4	50.5	0.1	0.2
1958	W	49.2	49.6	0.4	0.8
1959	BN	54.3	54.4	0.1	0.2
1960	D	48.7	49.1	0.4	0.8
1961	D	48.7	48.6	-0.1	-0.2
1962	BN	45.2	45.1	-0.1	-0.2
1963	W	50.1	50.3	0.2	0.4
1964	D	45.7	45.9	0.2	0.4
1965	W	47.5	47.2	-0.3	-0.6
1966	BN	47.3	47.5	0.2	0.4
1967	W	48.5	49.0	0.5	1.0
1968	BN	49.7	49.9	0.2	0.4
1969	W	47.3	46.2	-1.1	-2.3
1970	W	51.8	52.0	0.2	0.4
1971	W	49.2	48.9	-0.3	-0.6
1972	BN	48.0	48.1	0.1	0.2
1973	AN	45.3	43.4	-1.9	-4.2
1974	W	49.2	49.3	0.1	0.2
1975	W	49.5	49.6	0.1	0.2
1976	C	49.2	49.3	0.1	0.2
1977	C	52.0	50.1	-1.9	-3.7
1978	AN	48.7	48.8	0.1	0.2
1979	BN	47.5	47.7	0.2	0.4
1980	AN	51.3	51.1	-0.2	-0.4
1981	D	51.5	51.6	0.1	0.2
1982	W	50.1	50.0	-0.1	-0.2
1983	W	48.7	48.9	0.2	0.4
1984	W	48.4	48.3	-0.1	-0.2
1985	D	49.0	49.1	0.1	0.2
1986	W	45.5	45.3	-0.2	-0.4
1987	D	51.1	51.1	0.0	0.0
1988	C	49.6	49.4	-0.2	-0.4
1989	D	49.7	48.1	-1.6	-3.2
1990	C	49.6	49.2	-0.4	-0.8
1991	C	43.8	46.0	2.2	5.0
1992	C	49.9	48.5	-1.4	-2.8
1993	AN	45.1	45.8	0.7	1.6
	Mean:	48.8	48.7	0.0	-0.1
	Median:	49.0	48.9	0.1	0.1
	Min:	43.4	43.4	-1.9	-4.2
	Max:	54.3	54.4	2.2	5.0

American River Water Temperatures at H Street

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	44.1	44.1	0.0	0.0
1924	C	46.2	46.3	0.1	0.2
1925	D	46.3	46.1	-0.2	-0.4
1926	D	44.5	44.2	-0.3	-0.7
1927	W	47.6	47.5	-0.1	-0.2
1928	AN	47.0	47.0	0.0	0.0
1929	C	43.2	43.3	0.1	0.2
1930	D	45.6	45.5	-0.1	-0.2
1931	C	47.7	47.5	-0.2	-0.4
1932	D	45.2	44.5	-0.7	-1.5
1933	C	43.4	43.7	0.3	0.7
1934	C	46.9	46.8	-0.1	-0.2
1935	BN	47.0	46.2	-0.8	-1.7
1936	BN	47.8	47.9	0.1	0.2
1937	BN	42.0	41.9	-0.1	-0.2
1938	W	46.6	46.5	-0.1	-0.2
1939	D	47.1	47.3	0.2	0.4
1940	AN	48.0	47.7	-0.3	-0.6
1941	W	48.6	48.6	0.0	0.0
1942	W	46.1	46.2	0.1	0.2
1943	W	45.7	46.0	0.3	0.7
1944	D	47.7	47.8	0.1	0.2
1945	BN	45.6	45.8	0.2	0.4
1946	BN	45.5	45.6	0.1	0.2
1947	D	44.4	44.5	0.1	0.2
1948	BN	47.2	47.2	0.0	0.0
1949	D	41.5	41.7	0.2	0.5
1950	BN	44.7	44.1	-0.6	-1.3
1951	AN	45.1	44.8	-0.3	-0.7
1952	W	45.2	45.2	0.0	0.0
1953	W	47.8	47.9	0.1	0.2
1954	AN	47.6	47.6	0.0	0.0
1955	D	43.6	43.5	-0.1	-0.2
1956	W	45.7	45.6	-0.1	-0.2
1957	AN	46.5	46.7	0.2	0.4
1958	W	47.3	47.4	0.1	0.2
1959	BN	50.6	50.6	0.0	0.0
1960	D	47.4	46.8	-0.6	-1.3
1961	D	44.3	44.7	0.4	0.9
1962	BN	43.8	42.8	-1.0	-2.3
1963	W	45.0	45.2	0.2	0.4
1964	D	44.7	44.8	0.1	0.2
1965	W	44.9	44.6	-0.3	-0.7
1966	BN	46.0	46.2	0.2	0.4
1967	W	46.3	46.4	0.1	0.2
1968	BN	45.9	46.0	0.1	0.2
1969	W	44.7	44.6	-0.1	-0.2
1970	W	46.5	46.4	-0.1	-0.2
1971	W	45.7	45.7	0.0	0.0
1972	BN	43.7	43.7	0.0	0.0
1973	AN	44.2	44.0	-0.2	-0.5
1974	W	46.0	46.1	0.1	0.2
1975	W	45.3	45.3	0.0	0.0
1976	C	47.9	48.0	0.1	0.2
1977	C	44.4	45.4	1.0	2.3
1978	AN	47.5	47.5	0.0	0.0
1979	BN	46.1	46.1	0.0	0.0
1980	AN	47.5	46.6	-0.9	-1.9
1981	D	48.6	48.7	0.1	0.2
1982	W	45.0	44.9	-0.1	-0.2
1983	W	45.2	45.2	0.0	0.0
1984	W	46.2	45.9	-0.3	-0.6
1985	D	45.1	45.0	-0.1	-0.2
1986	W	47.0	47.0	0.0	0.0
1987	D	47.2	47.3	0.1	0.2
1988	C	47.8	47.8	0.0	0.0
1989	D	45.9	45.2	-0.7	-1.5
1990	C	47.6	47.5	-0.1	-0.2
1991	C	46.5	46.5	0.0	0.0
1992	C	44.3	45.1	0.8	1.8
1993	AN	45.3	45.0	-0.3	-0.7
	Mean:	45.9	45.9	0.0	-0.1
	Median:	46.0	46.0	0.0	0.0
	Min:	41.5	41.7	-1.0	-2.3
	Max:	50.6	50.6	1.0	2.3

American River Water Temperatures at H Street

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	45.1	45.1	0.0	0.0
1924	C	53.6	51.0	-2.6	-4.9
1925	D	47.8	48.0	0.2	0.4
1926	D	47.8	49.0	1.2	2.5
1927	W	47.7	47.7	0.0	0.0
1928	AN	49.0	48.8	-0.2	-0.4
1929	C	48.8	46.9	-1.9	-3.9
1930	D	50.0	51.2	1.2	2.4
1931	C	51.1	51.1	0.0	0.0
1932	D	46.6	46.7	0.1	0.2
1933	C	47.3	46.3	-1.0	-2.1
1934	C	49.5	51.0	1.5	3.0
1935	BN	48.5	49.5	1.0	2.1
1936	BN	47.1	47.2	0.1	0.2
1937	BN	44.4	44.6	0.2	0.5
1938	W	47.0	47.3	0.3	0.6
1939	D	47.8	48.0	0.2	0.4
1940	AN	48.0	48.1	0.1	0.2
1941	W	48.5	48.6	0.1	0.2
1942	W	46.0	46.1	0.1	0.2
1943	W	47.1	46.9	-0.2	-0.4
1944	D	48.5	48.6	0.1	0.2
1945	BN	47.3	47.1	-0.2	-0.4
1946	BN	45.9	45.9	0.0	0.0
1947	D	47.5	48.0	0.5	1.1
1948	BN	47.5	47.5	0.0	0.0
1949	D	43.5	43.7	0.2	0.5
1950	BN	46.1	46.1	0.0	0.0
1951	AN	46.4	46.4	0.0	0.0
1952	W	46.6	46.7	0.1	0.2
1953	W	48.5	48.6	0.1	0.2
1954	AN	48.1	48.1	0.0	0.0
1955	D	45.5	45.5	0.0	0.0
1956	W	46.4	46.5	0.1	0.2
1957	AN	49.0	49.0	0.0	0.0
1958	W	49.3	49.3	0.0	0.0
1959	BN	50.0	50.1	0.1	0.2
1960	D	49.2	49.8	0.6	1.2
1961	D	51.7	49.4	-2.3	-4.4
1962	BN	46.6	47.7	1.1	2.4
1963	W	47.8	47.8	0.0	0.0
1964	D	46.9	47.2	0.3	0.6
1965	W	47.1	46.9	-0.2	-0.4
1966	BN	47.3	47.4	0.1	0.2
1967	W	46.7	46.7	0.0	0.0
1968	BN	48.4	48.3	-0.1	-0.2
1969	W	45.3	45.3	0.0	0.0
1970	W	48.0	48.2	0.2	0.4
1971	W	46.2	46.2	0.0	0.0
1972	BN	46.4	46.4	0.0	0.0
1973	AN	46.9	46.8	-0.1	-0.2
1974	W	46.7	46.9	0.2	0.4
1975	W	46.8	46.8	0.0	0.0
1976	C	51.3	50.3	-1.0	-1.9
1977	C	52.2	51.2	-1.0	-1.9
1978	AN	48.0	48.0	0.0	0.0
1979	BN	47.5	47.4	-0.1	-0.2
1980	AN	47.2	47.3	0.1	0.2
1981	D	50.4	50.5	0.1	0.2
1982	W	46.5	46.5	0.0	0.0
1983	W	47.6	47.7	0.1	0.2
1984	W	47.7	47.5	-0.2	-0.4
1985	D	47.9	48.0	0.1	0.2
1986	W	47.3	47.1	-0.2	-0.4
1987	D	51.2	50.1	-1.1	-2.1
1988	C	51.8	51.9	0.1	0.2
1989	D	47.3	47.1	-0.2	-0.4
1990	C	48.5	48.4	-0.1	-0.2
1991	C	54.1	53.0	-1.1	-2.0
1992	C	53.1	52.1	-1.0	-1.9
1993	AN	46.5	46.4	-0.1	-0.2
	Mean:	48.0	48.0	-0.1	-0.1
	Median:	47.6	47.7	0.0	0.0
	Min:	43.5	43.7	-2.6	-4.9
	Max:	54.1	53.0	1.5	3.0

American River Water Temperatures at H Street

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.0	52.9	2.9	5.8
1924	C	53.9	53.3	-0.6	-1.1
1925	D	50.5	50.6	0.1	0.2
1926	D	54.1	56.4	2.3	4.3
1927	W	51.2	51.0	-0.2	-0.4
1928	AN	51.2	51.2	0.0	0.0
1929	C	53.0	52.2	-0.8	-1.5
1930	D	53.9	53.5	-0.4	-0.7
1931	C	55.9	56.4	0.5	0.9
1932	D	52.8	53.6	0.8	1.5
1933	C	52.1	53.2	1.1	2.1
1934	C	55.9	56.2	0.3	0.5
1935	BN	50.5	50.3	-0.2	-0.4
1936	BN	52.1	52.0	-0.1	-0.2
1937	BN	51.5	51.5	0.0	0.0
1938	W	49.7	49.7	0.0	0.0
1939	D	53.0	53.5	0.5	0.9
1940	AN	51.1	51.2	0.1	0.2
1941	W	52.5	52.5	0.0	0.0
1942	W	50.7	50.7	0.0	0.0
1943	W	50.7	50.7	0.0	0.0
1944	D	53.3	52.4	-0.9	-1.7
1945	BN	50.0	50.3	0.3	0.6
1946	BN	50.6	50.6	0.0	0.0
1947	D	53.2	53.2	0.0	0.0
1948	BN	50.7	49.8	-0.9	-1.8
1949	D	49.2	49.4	0.2	0.4
1950	BN	50.9	51.1	0.2	0.4
1951	AN	50.6	50.4	-0.2	-0.4
1952	W	49.4	49.6	0.2	0.4
1953	W	52.0	52.0	0.0	0.0
1954	AN	50.2	50.3	0.1	0.2
1955	D	51.3	50.6	-0.7	-1.4
1956	W	51.8	51.8	0.0	0.0
1957	AN	52.4	52.3	-0.1	-0.2
1958	W	50.4	50.4	0.0	0.0
1959	BN	54.6	54.9	0.3	0.5
1960	D	52.8	52.5	-0.3	-0.6
1961	D	53.8	53.2	-0.6	-1.1
1962	BN	50.8	50.0	-0.8	-1.6
1963	W	50.6	51.3	0.7	1.4
1964	D	51.3	50.1	-1.2	-2.3
1965	W	52.0	51.5	-0.5	-1.0
1966	BN	52.6	54.1	1.5	2.9
1967	W	50.2	50.2	0.0	0.0
1968	BN	53.8	53.6	-0.2	-0.4
1969	W	50.0	49.9	-0.1	-0.2
1970	W	52.7	52.5	-0.2	-0.4
1971	W	50.0	49.8	-0.2	-0.4
1972	BN	53.6	53.4	-0.2	-0.4
1973	AN	50.2	50.3	0.1	0.2
1974	W	50.2	50.1	-0.1	-0.2
1975	W	50.1	50.1	0.0	0.0
1976	C	54.3	54.3	0.0	0.0
1977	C	53.2	53.5	0.3	0.6
1978	AN	53.2	52.9	-0.3	-0.6
1979	BN	52.3	52.5	0.2	0.4
1980	AN	51.0	50.8	-0.2	-0.4
1981	D	53.2	53.4	0.2	0.4
1982	W	49.8	49.9	0.1	0.2
1983	W	49.9	50.0	0.1	0.2
1984	W	54.1	53.3	-0.8	-1.5
1985	D	51.1	51.1	0.0	0.0
1986	W	51.1	51.3	0.2	0.4
1987	D	53.9	53.8	-0.1	-0.2
1988	C	56.5	57.6	1.1	1.9
1989	D	50.9	50.8	-0.1	-0.2
1990	C	54.9	54.2	-0.7	-1.3
1991	C	53.0	52.0	-1.0	-1.9
1992	C	54.8	57.7	2.9	5.3
1993	AN	52.6	52.5	-0.1	-0.2
	Mean:	52.0	52.1	0.1	0.1
	Median:	51.8	51.8	0.0	0.0
	Min:	49.2	49.4	-1.2	-2.3
	Max:	56.5	57.7	2.9	5.8

American River Water Temperatures at H Street

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.4	55.0	-0.4	-0.7
1924	C	61.3	60.7	-0.6	-1.0
1925	D	56.5	57.1	0.6	1.1
1926	D	59.5	59.5	0.0	0.0
1927	W	53.9	54.0	0.1	0.2
1928	AN	54.6	54.9	0.3	0.5
1929	C	52.8	56.4	3.6	6.8
1930	D	58.3	58.2	-0.1	-0.2
1931	C	61.1	62.3	1.2	2.0
1932	D	56.5	56.6	0.1	0.2
1933	C	55.8	56.5	0.7	1.3
1934	C	57.6	57.4	-0.2	-0.3
1935	BN	54.4	54.5	0.1	0.2
1936	BN	55.4	55.5	0.1	0.2
1937	BN	54.3	54.4	0.1	0.2
1938	W	53.8	53.8	0.0	0.0
1939	D	61.3	61.8	0.5	0.8
1940	AN	55.1	55.4	0.3	0.5
1941	W	54.9	55.1	0.2	0.4
1942	W	53.7	53.9	0.2	0.4
1943	W	54.9	55.1	0.2	0.4
1944	D	56.1	56.5	0.4	0.7
1945	BN	55.6	56.3	0.7	1.3
1946	BN	55.4	55.8	0.4	0.7
1947	D	58.1	59.3	1.2	2.1
1948	BN	53.6	54.1	0.5	0.9
1949	D	56.4	56.7	0.3	0.5
1950	BN	55.4	55.6	0.2	0.4
1951	AN	56.3	56.5	0.2	0.4
1952	W	53.7	53.8	0.1	0.2
1953	W	55.4	56.1	0.7	1.3
1954	AN	55.8	56.0	0.2	0.4
1955	D	54.1	53.4	-0.7	-1.3
1956	W	56.9	57.3	0.4	0.7
1957	AN	57.5	58.2	0.7	1.2
1958	W	54.0	54.1	0.1	0.2
1959	BN	62.3	63.4	1.1	1.8
1960	D	56.8	57.0	0.2	0.4
1961	D	57.1	59.9	2.8	4.9
1962	BN	56.4	57.7	1.3	2.3
1963	W	53.3	53.4	0.1	0.2
1964	D	55.6	55.3	-0.3	-0.5
1965	W	54.6	54.7	0.1	0.2
1966	BN	60.2	59.6	-0.6	-1.0
1967	W	51.8	52.1	0.3	0.6
1968	BN	58.5	59.3	0.8	1.4
1969	W	54.1	54.3	0.2	0.4
1970	W	56.5	56.6	0.1	0.2
1971	W	54.2	54.6	0.4	0.7
1972	BN	57.5	57.9	0.4	0.7
1973	AN	56.5	57.0	0.5	0.9
1974	W	53.9	54.3	0.4	0.7
1975	W	52.9	53.4	0.5	0.9
1976	C	58.8	58.3	-0.5	-0.9
1977	C	64.0	64.6	0.6	0.9
1978	AN	55.1	55.6	0.5	0.9
1979	BN	56.3	56.8	0.5	0.9
1980	AN	57.0	57.2	0.2	0.4
1981	D	57.8	59.5	1.7	2.9
1982	W	53.1	53.1	0.0	0.0
1983	W	53.3	53.7	0.4	0.8
1984	W	57.1	57.6	0.5	0.9
1985	D	57.8	59.1	1.3	2.2
1986	W	57.3	57.3	0.0	0.0
1987	D	60.2	62.2	2.0	3.3
1988	C	61.4	61.4	0.0	0.0
1989	D	57.1	58.5	1.4	2.5
1990	C	57.9	58.5	0.6	1.0
1991	C	57.2	57.9	0.7	1.2
1992	C	56.7	56.9	0.2	0.4
1993	AN	55.6	56.4	0.8	1.4
	Mean:	56.4	56.8	0.4	0.8
	Median:	56.3	56.5	0.3	0.5
	Min:	51.8	52.1	-0.7	-1.3
	Max:	64.0	64.6	3.6	6.8

American River Water Temperatures at H Street

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	58.4	58.2	-0.2	-0.3
1924	C	68.2	68.3	0.1	0.1
1925	D	59.1	59.5	0.4	0.7
1926	D	62.8	63.0	0.2	0.3
1927	W	58.1	58.2	0.1	0.2
1928	AN	60.7	61.0	0.3	0.5
1929	C	62.8	63.0	0.2	0.3
1930	D	60.1	60.3	0.2	0.3
1931	C	69.7	69.4	-0.3	-0.4
1932	D	59.5	59.5	0.0	0.0
1933	C	62.5	60.4	-2.1	-3.4
1934	C	66.3	67.0	0.7	1.1
1935	BN	58.4	58.7	0.3	0.5
1936	BN	60.1	59.9	-0.2	-0.3
1937	BN	59.2	59.1	-0.1	-0.2
1938	W	58.3	58.4	0.1	0.2
1939	D	66.0	67.2	1.2	1.8
1940	AN	60.4	60.7	0.3	0.5
1941	W	58.4	58.5	0.1	0.2
1942	W	56.8	56.8	0.0	0.0
1943	W	60.3	61.2	0.9	1.5
1944	D	61.1	62.6	1.5	2.5
1945	BN	58.2	58.4	0.2	0.3
1946	BN	59.3	59.3	0.0	0.0
1947	D	65.5	67.1	1.6	2.4
1948	BN	56.5	58.0	1.5	2.7
1949	D	60.2	60.9	0.7	1.2
1950	BN	59.7	59.5	-0.2	-0.3
1951	AN	59.5	59.9	0.4	0.7
1952	W	58.3	58.3	0.0	0.0
1953	W	57.7	58.1	0.4	0.7
1954	AN	60.9	61.5	0.6	1.0
1955	D	61.5	62.5	1.0	1.6
1956	W	59.0	58.9	-0.1	-0.2
1957	AN	60.5	60.8	0.3	0.5
1958	W	58.8	58.7	-0.1	-0.2
1959	BN	63.1	64.8	1.7	2.7
1960	D	62.1	62.8	0.7	1.1
1961	D	60.4	62.6	2.2	3.6
1962	BN	60.0	61.4	1.4	2.3
1963	W	56.9	56.9	0.0	0.0
1964	D	61.5	61.8	0.3	0.5
1965	W	58.8	58.9	0.1	0.2
1966	BN	62.8	65.2	2.4	3.8
1967	W	57.0	57.0	0.0	0.0
1968	BN	62.4	63.1	0.7	1.1
1969	W	58.4	58.4	0.0	0.0
1970	W	62.0	63.6	1.6	2.6
1971	W	57.4	57.8	0.4	0.7
1972	BN	61.9	62.8	0.9	1.5
1973	AN	60.9	60.9	0.0	0.0
1974	W	58.2	58.2	0.0	0.0
1975	W	58.3	58.1	-0.2	-0.3
1976	C	66.4	67.3	0.9	1.4
1977	C	62.9	63.2	0.3	0.5
1978	AN	59.4	59.9	0.5	0.8
1979	BN	59.7	59.8	0.1	0.2
1980	AN	59.1	59.5	0.4	0.7
1981	D	62.7	65.1	2.4	3.8
1982	W	58.0	58.1	0.1	0.2
1983	W	57.6	57.6	0.0	0.0
1984	W	62.1	63.0	0.9	1.4
1985	D	61.8	62.2	0.4	0.6
1986	W	60.6	61.0	0.4	0.7
1987	D	67.4	69.3	1.9	2.8
1988	C	62.1	65.0	2.9	4.7
1989	D	61.2	61.8	0.6	1.0
1990	C	64.9	64.6	-0.3	-0.5
1991	C	62.2	63.0	0.8	1.3
1992	C	65.7	70.0	4.3	6.5
1993	AN	59.0	59.0	0.0	0.0
	Mean:	60.8	61.4	0.5	0.9
	Median:	60.3	60.8	0.3	0.5
	Min:	56.5	56.8	-2.1	-3.4
	Max:	69.7	70.0	4.3	6.5

American River Water Temperatures at H Street

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	62.0	62.3	0.3	0.5
1924	C	68.3	69.3	1.0	1.5
1925	D	63.7	63.7	0.0	0.0
1926	D	64.7	65.7	1.0	1.5
1927	W	62.4	62.4	0.0	0.0
1928	AN	65.0	65.6	0.6	0.9
1929	C	64.2	68.8	4.6	7.2
1930	D	65.8	65.5	-0.3	-0.5
1931	C	67.8	70.2	2.4	3.5
1932	D	63.1	63.0	-0.1	-0.2
1933	C	63.3	64.6	1.3	2.1
1934	C	67.1	67.0	-0.1	-0.1
1935	BN	64.2	64.7	0.5	0.8
1936	BN	63.4	63.5	0.1	0.2
1937	BN	63.1	63.2	0.1	0.2
1938	W	63.0	62.9	-0.1	-0.2
1939	D	64.7	65.8	1.1	1.7
1940	AN	66.5	66.6	0.1	0.2
1941	W	62.9	63.0	0.1	0.2
1942	W	61.2	61.2	0.0	0.0
1943	W	62.7	62.7	0.0	0.0
1944	D	64.7	64.9	0.2	0.3
1945	BN	63.0	63.3	0.3	0.5
1946	BN	62.8	62.9	0.1	0.2
1947	D	65.5	64.8	-0.7	-1.1
1948	BN	61.1	60.9	-0.2	-0.3
1949	D	63.9	63.6	-0.3	-0.5
1950	BN	62.7	62.8	0.1	0.2
1951	AN	64.2	65.4	1.2	1.9
1952	W	61.5	61.4	-0.1	-0.2
1953	W	60.6	60.5	-0.1	-0.2
1954	AN	64.9	65.1	0.2	0.3
1955	D	65.5	65.5	0.0	0.0
1956	W	63.0	63.0	0.0	0.0
1957	AN	64.1	64.4	0.3	0.5
1958	W	62.5	62.5	0.0	0.0
1959	BN	68.3	67.3	-1.0	-1.5
1960	D	67.1	67.5	0.4	0.6
1961	D	69.6	70.2	0.6	0.9
1962	BN	65.9	65.5	-0.4	-0.6
1963	W	62.5	62.9	0.4	0.6
1964	D	65.0	66.4	1.4	2.2
1965	W	62.2	62.4	0.2	0.3
1966	BN	66.7	65.9	-0.8	-1.2
1967	W	61.8	61.8	0.0	0.0
1968	BN	67.7	67.2	-0.5	-0.7
1969	W	61.9	61.9	0.0	0.0
1970	W	66.9	67.1	0.2	0.3
1971	W	60.8	60.9	0.1	0.2
1972	BN	64.5	64.8	0.3	0.5
1973	AN	64.8	64.9	0.1	0.2
1974	W	62.9	63.1	0.2	0.3
1975	W	62.6	62.5	-0.1	-0.2
1976	C	70.3	69.9	-0.4	-0.6
1977	C	72.2	72.6	0.4	0.6
1978	AN	62.9	63.1	0.2	0.3
1979	BN	63.6	63.6	0.0	0.0
1980	AN	62.0	62.2	0.2	0.3
1981	D	69.0	66.9	-2.1	-3.0
1982	W	61.6	61.6	0.0	0.0
1983	W	62.5	62.4	-0.1	-0.2
1984	W	64.6	65.0	0.4	0.6
1985	D	65.8	66.0	0.2	0.3
1986	W	64.0	64.5	0.5	0.8
1987	D	64.8	66.5	1.7	2.6
1988	C	68.7	70.6	1.9	2.8
1989	D	65.8	65.6	-0.2	-0.3
1990	C	66.1	69.2	3.1	4.7
1991	C	66.4	65.3	-1.1	-1.7
1992	C	69.3	66.7	-2.6	-3.8
1993	AN	62.9	63.0	0.1	0.2
	Mean:	64.5	64.8	0.2	0.4
	Median:	64.2	64.7	0.1	0.2
	Min:	60.6	60.5	-2.6	-3.8
	Max:	72.2	72.6	4.6	7.2

American River Water Temperatures at H Street

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	66.1	65.5	-0.6	-0.9
1924	C	69.2	69.5	0.3	0.4
1925	D	66.3	66.3	0.0	0.0
1926	D	68.2	67.0	-1.2	-1.8
1927	W	66.2	65.2	-1.0	-1.5
1928	AN	66.4	64.9	-1.5	-2.3
1929	C	67.6	69.5	1.9	2.8
1930	D	65.4	65.0	-0.4	-0.6
1931	C	71.0	74.8	3.8	5.4
1932	D	68.0	67.6	-0.4	-0.6
1933	C	69.4	69.6	0.2	0.3
1934	C	69.6	69.6	0.0	0.0
1935	BN	66.2	66.1	-0.1	-0.2
1936	BN	67.9	67.7	-0.2	-0.3
1937	BN	67.1	66.9	-0.2	-0.3
1938	W	66.6	66.4	-0.2	-0.3
1939	D	68.4	67.2	-1.2	-1.8
1940	AN	66.2	66.0	-0.2	-0.3
1941	W	65.6	65.5	-0.1	-0.2
1942	W	66.3	65.3	-1.0	-1.5
1943	W	66.1	65.1	-1.0	-1.5
1944	D	66.6	66.2	-0.4	-0.6
1945	BN	66.7	66.0	-0.7	-1.0
1946	BN	65.9	65.2	-0.7	-1.1
1947	D	64.9	66.6	1.7	2.6
1948	BN	65.0	64.9	-0.1	-0.2
1949	D	66.2	65.7	-0.5	-0.8
1950	BN	66.8	66.1	-0.7	-1.0
1951	AN	65.6	65.4	-0.2	-0.3
1952	W	66.5	66.3	-0.2	-0.3
1953	W	66.6	66.1	-0.5	-0.8
1954	AN	65.4	65.4	0.0	0.0
1955	D	62.5	63.8	1.3	2.1
1956	W	68.2	66.6	-1.6	-2.3
1957	AN	66.7	66.2	-0.5	-0.7
1958	W	68.2	68.1	-0.1	-0.1
1959	BN	66.3	66.1	-0.2	-0.3
1960	D	66.5	67.2	0.7	1.1
1961	D	68.9	69.9	1.0	1.5
1962	BN	66.5	66.2	-0.3	-0.5
1963	W	65.2	64.7	-0.5	-0.8
1964	D	65.1	65.5	0.4	0.6
1965	W	65.9	65.4	-0.5	-0.8
1966	BN	63.2	64.8	1.6	2.5
1967	W	68.2	68.0	-0.2	-0.3
1968	BN	64.5	64.7	0.2	0.3
1969	W	67.0	66.6	-0.4	-0.6
1970	W	66.2	66.1	-0.1	-0.2
1971	W	65.8	65.2	-0.6	-0.9
1972	BN	64.0	63.6	-0.4	-0.6
1973	AN	66.0	65.5	-0.5	-0.8
1974	W	67.5	66.4	-1.1	-1.6
1975	W	66.5	65.5	-1.0	-1.5
1976	C	67.9	69.8	1.9	2.8
1977	C	72.9	70.3	-2.6	-3.6
1978	AN	66.8	66.1	-0.7	-1.0
1979	BN	67.3	67.3	0.0	0.0
1980	AN	66.7	66.1	-0.6	-0.9
1981	D	65.7	65.2	-0.5	-0.8
1982	W	66.3	65.4	-0.9	-1.4
1983	W	66.2	66.2	0.0	0.0
1984	W	67.7	67.2	-0.5	-0.7
1985	D	66.6	65.5	-1.1	-1.7
1986	W	67.2	66.6	-0.6	-0.9
1987	D	66.6	67.5	0.9	1.4
1988	C	71.4	75.1	3.7	5.2
1989	D	65.7	65.7	0.0	0.0
1990	C	70.1	70.3	0.2	0.3
1991	C	69.3	68.7	-0.6	-0.9
1992	C	70.7	70.7	0.0	0.0
1993	AN	66.2	66.1	-0.1	-0.2
	Mean:	66.9	66.8	-0.1	-0.2
	Median:	66.5	66.1	-0.2	-0.3
	Min:	62.5	63.6	-2.6	-3.6
	Max:	72.9	75.1	3.8	5.4

American River Water Temperatures at H Street

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.3	66.7	-1.6	-2.3
1924	C	71.4	70.0	-1.4	-2.0
1925	D	66.2	66.3	0.1	0.2
1926	D	69.3	68.9	-0.4	-0.6
1927	W	66.5	65.5	-1.0	-1.5
1928	AN	65.8	65.8	0.0	0.0
1929	C	69.4	69.6	0.2	0.3
1930	D	67.0	67.4	0.4	0.6
1931	C	72.1	73.1	1.0	1.4
1932	D	68.3	68.2	-0.1	-0.1
1933	C	69.4	69.5	0.1	0.1
1934	C	69.8	69.5	-0.3	-0.4
1935	BN	66.4	66.2	-0.2	-0.3
1936	BN	68.4	67.4	-1.0	-1.5
1937	BN	66.5	65.8	-0.7	-1.1
1938	W	66.2	65.6	-0.6	-0.9
1939	D	69.8	69.5	-0.3	-0.4
1940	AN	66.5	66.5	0.0	0.0
1941	W	65.2	64.3	-0.9	-1.4
1942	W	66.4	65.4	-1.0	-1.5
1943	W	67.2	65.7	-1.5	-2.2
1944	D	65.8	66.3	0.5	0.8
1945	BN	67.2	66.5	-0.7	-1.0
1946	BN	66.2	65.6	-0.6	-0.9
1947	D	67.6	67.4	-0.2	-0.3
1948	BN	65.4	64.6	-0.8	-1.2
1949	D	65.5	64.5	-1.0	-1.5
1950	BN	67.5	66.4	-1.1	-1.6
1951	AN	66.4	65.7	-0.7	-1.1
1952	W	68.2	65.9	-2.3	-3.4
1953	W	67.2	66.3	-0.9	-1.3
1954	AN	64.8	65.0	0.2	0.3
1955	D	68.0	68.0	0.0	0.0
1956	W	68.3	66.2	-2.1	-3.1
1957	AN	66.3	66.4	0.1	0.2
1958	W	69.4	68.2	-1.2	-1.7
1959	BN	72.2	69.6	-2.6	-3.6
1960	D	68.9	68.5	-0.4	-0.6
1961	D	74.8	73.2	-1.6	-2.1
1962	BN	67.6	67.6	0.0	0.0
1963	W	65.4	65.8	0.4	0.6
1964	D	68.4	67.4	-1.0	-1.5
1965	W	68.5	66.7	-1.8	-2.6
1966	BN	71.6	69.1	-2.5	-3.5
1967	W	69.4	68.4	-1.0	-1.4
1968	BN	68.5	68.4	-0.1	-0.1
1969	W	67.3	66.4	-0.9	-1.3
1970	W	67.4	67.4	0.0	0.0
1971	W	66.6	65.9	-0.7	-1.1
1972	BN	68.3	67.6	-0.7	-1.0
1973	AN	65.8	65.7	-0.1	-0.2
1974	W	68.3	66.2	-2.1	-3.1
1975	W	66.1	65.6	-0.5	-0.8
1976	C	71.2	69.7	-1.5	-2.1
1977	C	73.7	72.8	-0.9	-1.2
1978	AN	66.3	66.3	0.0	0.0
1979	BN	67.1	65.8	-1.3	-1.9
1980	AN	68.1	66.2	-1.9	-2.8
1981	D	69.6	69.3	-0.3	-0.4
1982	W	66.1	65.2	-0.9	-1.4
1983	W	68.9	67.2	-1.7	-2.5
1984	W	67.7	66.8	-0.9	-1.3
1985	D	67.8	66.7	-1.1	-1.6
1986	W	68.3	67.3	-1.0	-1.5
1987	D	71.7	69.8	-1.9	-2.6
1988	C	71.2	71.7	0.5	0.7
1989	D	68.4	68.2	-0.2	-0.3
1990	C	70.3	69.9	-0.4	-0.6
1991	C	65.9	69.3	3.4	5.2
1992	C	71.9	72.7	0.8	1.1
1993	AN	66.3	66.5	0.2	0.3
	Mean:	68.1	67.5	-0.6	-0.9
	Median:	67.8	66.7	-0.7	-1.0
	Min:	64.8	64.3	-2.6	-3.6
	Max:	74.8	73.2	3.4	5.2

American River Water Temperatures at H Street

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.2	66.2	-2.0	-2.9
1924	C	68.3	68.8	0.5	0.7
1925	D	66.1	65.4	-0.7	-1.1
1926	D	68.2	67.9	-0.3	-0.4
1927	W	66.1	65.1	-1.0	-1.5
1928	AN	67.6	66.3	-1.3	-1.9
1929	C	69.1	69.1	0.0	0.0
1930	D	66.3	66.9	0.6	0.9
1931	C	68.7	68.4	-0.3	-0.4
1932	D	68.3	67.6	-0.7	-1.0
1933	C	68.5	68.3	-0.2	-0.3
1934	C	69.4	69.6	0.2	0.3
1935	BN	66.2	65.4	-0.8	-1.2
1936	BN	68.2	67.3	-0.9	-1.3
1937	BN	66.3	66.3	0.0	0.0
1938	W	66.4	65.3	-1.1	-1.7
1939	D	69.3	69.4	0.1	0.1
1940	AN	66.2	65.8	-0.4	-0.6
1941	W	64.7	64.3	-0.4	-0.6
1942	W	66.2	65.1	-1.1	-1.7
1943	W	66.3	65.2	-1.1	-1.7
1944	D	68.4	66.5	-1.9	-2.8
1945	BN	66.3	66.4	0.1	0.2
1946	BN	65.8	64.4	-1.4	-2.1
1947	D	67.4	67.5	0.1	0.1
1948	BN	65.3	64.2	-1.1	-1.7
1949	D	65.3	65.4	0.1	0.2
1950	BN	67.2	65.7	-1.5	-2.2
1951	AN	66.2	65.4	-0.8	-1.2
1952	W	67.2	65.2	-2.0	-3.0
1953	W	66.9	65.5	-1.4	-2.1
1954	AN	65.2	65.0	-0.2	-0.3
1955	D	67.7	67.3	-0.4	-0.6
1956	W	68.1	66.1	-2.0	-2.9
1957	AN	66.2	66.3	0.1	0.2
1958	W	69.2	67.2	-2.0	-2.9
1959	BN	69.0	68.7	-0.3	-0.4
1960	D	68.2	68.2	0.0	0.0
1961	D	69.1	69.1	0.0	0.0
1962	BN	67.2	67.2	0.0	0.0
1963	W	65.3	65.3	0.0	0.0
1964	D	68.1	67.1	-1.0	-1.5
1965	W	67.7	66.0	-1.7	-2.5
1966	BN	69.1	68.3	-0.8	-1.2
1967	W	69.2	68.1	-1.1	-1.6
1968	BN	68.5	67.3	-1.2	-1.8
1969	W	67.4	66.4	-1.0	-1.5
1970	W	67.2	66.3	-0.9	-1.3
1971	W	66.4	65.2	-1.2	-1.8
1972	BN	67.3	67.1	-0.2	-0.3
1973	AN	65.2	65.3	0.1	0.2
1974	W	67.4	66.2	-1.2	-1.8
1975	W	65.5	64.3	-1.2	-1.8
1976	C	69.3	69.2	-0.1	-0.1
1977	C	68.7	68.5	-0.2	-0.3
1978	AN	65.9	66.2	0.3	0.5
1979	BN	67.6	66.5	-1.1	-1.6
1980	AN	68.0	65.6	-2.4	-3.5
1981	D	69.0	68.1	-0.9	-1.3
1982	W	66.1	64.4	-1.7	-2.6
1983	W	68.3	66.5	-1.8	-2.6
1984	W	67.4	66.5	-0.9	-1.3
1985	D	67.0	66.1	-0.9	-1.3
1986	W	66.8	64.3	-2.5	-3.7
1987	D	69.2	69.2	0.0	0.0
1988	C	71.1	70.2	-0.9	-1.3
1989	D	68.1	67.8	-0.3	-0.4
1990	C	69.3	69.8	0.5	0.7
1991	C	69.3	69.3	0.0	0.0
1992	C	70.5	70.1	-0.4	-0.6
1993	AN	66.3	65.4	-0.9	-1.4
	Mean:	67.5	66.8	-0.7	-1.0
	Median:	67.4	66.4	-0.8	-1.2
	Min:	64.7	64.2	-2.5	-3.7
	Max:	71.1	70.2	0.6	0.9

American River Water Temperatures at the Mouth

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	57.9	57.9	0.0	0.0
1924	C	61.2	59.2	-2.0	-3.3
1925	D	61.4	60.6	-0.8	-1.3
1926	D	59.3	58.6	-0.7	-1.2
1927	W	62.7	62.4	-0.3	-0.5
1928	AN	59.3	58.0	-1.3	-2.2
1929	C	59.5	59.3	-0.2	-0.3
1930	D	64.2	65.1	0.9	1.4
1931	C	59.6	59.5	-0.1	-0.2
1932	D	63.0	63.4	0.4	0.6
1933	C	62.1	60.5	-1.6	-2.6
1934	C	66.3	66.2	-0.1	-0.2
1935	BN	64.8	64.1	-0.7	-1.1
1936	BN	58.6	58.6	0.0	0.0
1937	BN	61.0	60.9	-0.1	-0.2
1938	W	59.7	59.9	0.2	0.3
1939	D	59.5	58.4	-1.1	-1.8
1940	AN	64.6	62.9	-1.7	-2.6
1941	W	59.4	58.7	-0.7	-1.2
1942	W	57.5	57.9	0.4	0.7
1943	W	59.0	58.4	-0.6	-1.0
1944	D	59.1	58.9	-0.2	-0.3
1945	BN	60.7	59.9	-0.8	-1.3
1946	BN	59.6	59.0	-0.6	-1.0
1947	D	58.4	57.7	-0.7	-1.2
1948	BN	59.8	60.0	0.2	0.3
1949	D	57.5	57.8	0.3	0.5
1950	BN	58.3	58.6	0.3	0.5
1951	AN	59.7	57.7	-2.0	-3.4
1952	W	58.9	58.5	-0.4	-0.7
1953	W	60.5	59.3	-1.2	-2.0
1954	AN	59.0	58.6	-0.4	-0.7
1955	D	58.7	57.9	-0.8	-1.4
1956	W	60.5	60.5	0.0	0.0
1957	AN	61.9	59.5	-2.4	-3.9
1958	W	59.0	58.9	-0.1	-0.2
1959	BN	65.4	61.4	-4.0	-6.1
1960	D	65.3	64.8	-0.5	-0.8
1961	D	61.9	61.4	-0.5	-0.8
1962	BN	63.3	63.0	-0.3	-0.5
1963	W	59.6	59.1	-0.5	-0.8
1964	D	58.5	58.5	0.0	0.0
1965	W	60.6	60.8	0.2	0.3
1966	BN	61.3	59.7	-1.6	-2.6
1967	W	63.0	61.0	-2.0	-3.2
1968	BN	66.5	62.3	-4.2	-6.3
1969	W	60.7	60.5	-0.2	-0.3
1970	W	59.4	59.4	0.0	0.0
1971	W	60.1	59.0	-1.1	-1.8
1972	BN	58.4	57.9	-0.5	-0.9
1973	AN	60.4	60.3	-0.1	-0.2
1974	W	58.5	58.9	0.4	0.7
1975	W	60.5	59.5	-1.0	-1.7
1976	C	58.6	58.4	-0.2	-0.3
1977	C	66.2	65.0	-1.2	-1.8
1978	AN	64.0	63.0	-1.0	-1.6
1979	BN	59.8	59.8	0.0	0.0
1980	AN	60.3	59.7	-0.6	-1.0
1981	D	61.5	58.9	-2.6	-4.2
1982	W	62.4	61.3	-1.1	-1.8
1983	W	58.5	57.4	-1.1	-1.9
1984	W	62.3	60.3	-2.0	-3.2
1985	D	60.4	59.1	-1.3	-2.2
1986	W	60.5	59.7	-0.8	-1.3
1987	D	60.3	60.0	-0.3	-0.5
1988	C	65.6	64.5	-1.1	-1.7
1989	D	65.4	64.6	-0.8	-1.2
1990	C	61.6	60.2	-1.4	-2.3
1991	C	66.9	66.5	-0.4	-0.6
1992	C	67.1	67.5	0.4	0.6
1993	AN	65.3	65.6	0.3	0.5
	Mean:	61.2	60.5	-0.7	-1.1
	Median:	60.5	59.7	-0.5	-0.9
	Min:	57.5	57.4	-4.2	-6.3
	Max:	67.1	67.5	0.9	1.4

American River Water Temperatures at the Mouth

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.3	53.7	-0.6	-1.1
1924	C	56.0	56.2	0.2	0.4
1925	D	52.3	53.0	0.7	1.3
1926	D	55.7	55.6	-0.1	-0.2
1927	W	56.7	56.5	-0.2	-0.4
1928	AN	56.0	56.0	0.0	0.0
1929	C	55.9	56.0	0.1	0.2
1930	D	56.1	57.0	0.9	1.6
1931	C	56.1	56.3	0.2	0.4
1932	D	52.0	52.4	0.4	0.8
1933	C	56.3	56.2	-0.1	-0.2
1934	C	56.3	56.3	0.0	0.0
1935	BN	54.9	54.3	-0.6	-1.1
1936	BN	55.4	54.8	-0.6	-1.1
1937	BN	55.9	55.9	0.0	0.0
1938	W	56.1	56.2	0.1	0.2
1939	D	56.1	55.8	-0.3	-0.5
1940	AN	57.3	56.2	-1.1	-1.9
1941	W	56.1	55.7	-0.4	-0.7
1942	W	56.2	56.1	-0.1	-0.2
1943	W	56.2	56.2	0.0	0.0
1944	D	56.1	55.8	-0.3	-0.5
1945	BN	55.1	54.9	-0.2	-0.4
1946	BN	56.1	56.1	0.0	0.0
1947	D	54.8	55.0	0.2	0.4
1948	BN	52.8	52.4	-0.4	-0.8
1949	D	56.1	55.6	-0.5	-0.9
1950	BN	56.0	55.8	-0.2	-0.4
1951	AN	56.3	56.4	0.1	0.2
1952	W	56.1	56.2	0.1	0.2
1953	W	55.9	55.8	-0.1	-0.2
1954	AN	56.2	56.1	-0.1	-0.2
1955	D	55.2	55.3	0.1	0.2
1956	W	55.3	54.6	-0.7	-1.3
1957	AN	56.0	55.8	-0.2	-0.4
1958	W	55.9	55.7	-0.2	-0.4
1959	BN	56.1	55.6	-0.5	-0.9
1960	D	57.3	55.9	-1.4	-2.4
1961	D	55.9	55.6	-0.3	-0.5
1962	BN	53.5	53.3	-0.2	-0.4
1963	W	56.3	56.2	-0.1	-0.2
1964	D	56.2	56.2	0.0	0.0
1965	W	54.1	53.7	-0.4	-0.7
1966	BN	56.0	55.9	-0.1	-0.2
1967	W	56.1	55.9	-0.2	-0.4
1968	BN	56.3	56.1	-0.2	-0.4
1969	W	55.3	54.0	-1.3	-2.4
1970	W	56.0	55.8	-0.2	-0.4
1971	W	56.0	56.1	0.1	0.2
1972	BN	56.3	55.9	-0.4	-0.7
1973	AN	53.7	52.1	-1.6	-3.0
1974	W	55.9	55.4	-0.5	-0.9
1975	W	56.1	55.7	-0.4	-0.7
1976	C	56.2	55.8	-0.4	-0.7
1977	C	57.6	56.8	-0.8	-1.4
1978	AN	54.6	54.6	0.0	0.0
1979	BN	55.7	55.4	-0.3	-0.5
1980	AN	55.9	55.8	-0.1	-0.2
1981	D	56.1	55.3	-0.8	-1.4
1982	W	56.7	56.6	-0.1	-0.2
1983	W	56.0	55.9	-0.1	-0.2
1984	W	56.2	56.3	0.1	0.2
1985	D	56.3	56.3	0.0	0.0
1986	W	51.3	53.4	2.1	4.1
1987	D	56.0	55.9	-0.1	-0.2
1988	C	55.8	55.7	-0.1	-0.2
1989	D	54.4	55.3	0.9	1.7
1990	C	56.0	56.0	0.0	0.0
1991	C	57.1	56.4	-0.7	-1.2
1992	C	56.0	56.5	0.5	0.9
1993	AN	54.3	55.2	0.9	1.7
	Mean:	55.6	55.5	-0.1	-0.3
	Median:	56.0	55.8	-0.1	-0.2
	Min:	51.3	52.1	-1.6	-3.0
	Max:	57.6	57.0	2.1	4.1

American River Water Temperatures at the Mouth

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	47.6	47.7	0.1	0.2
1924	C	50.6	50.0	-0.6	-1.2
1925	D	42.8	43.8	1.0	2.3
1926	D	48.7	48.5	-0.2	-0.4
1927	W	48.5	47.9	-0.6	-1.2
1928	AN	48.5	48.6	0.1	0.2
1929	C	47.4	47.1	-0.3	-0.6
1930	D	50.3	49.8	-0.5	-1.0
1931	C	48.8	48.5	-0.3	-0.6
1932	D	44.9	45.5	0.6	1.3
1933	C	46.8	47.3	0.5	1.1
1934	C	45.6	46.3	0.7	1.5
1935	BN	47.4	47.2	-0.2	-0.4
1936	BN	49.5	49.3	-0.2	-0.4
1937	BN	49.0	48.6	-0.4	-0.8
1938	W	51.0	50.7	-0.3	-0.6
1939	D	49.5	49.6	0.1	0.2
1940	AN	49.5	50.6	1.1	2.2
1941	W	51.4	51.3	-0.1	-0.2
1942	W	50.0	50.1	0.1	0.2
1943	W	48.7	48.8	0.1	0.2
1944	D	50.6	50.6	0.0	0.0
1945	BN	49.2	49.2	0.0	0.0
1946	BN	49.0	49.1	0.1	0.2
1947	D	48.1	48.0	-0.1	-0.2
1948	BN	46.7	46.4	-0.3	-0.6
1949	D	46.9	46.9	0.0	0.0
1950	BN	48.2	48.3	0.1	0.2
1951	AN	48.6	48.4	-0.2	-0.4
1952	W	49.2	49.4	0.2	0.4
1953	W	49.6	49.9	0.3	0.6
1954	AN	50.3	50.3	0.0	0.0
1955	D	46.4	46.7	0.3	0.6
1956	W	48.6	47.7	-0.9	-1.9
1957	AN	49.8	50.0	0.2	0.4
1958	W	48.8	49.2	0.4	0.8
1959	BN	53.9	53.9	0.0	0.0
1960	D	47.9	48.4	0.5	1.0
1961	D	48.3	48.2	-0.1	-0.2
1962	BN	44.6	44.7	0.1	0.2
1963	W	49.9	50.1	0.2	0.4
1964	D	45.3	45.4	0.1	0.2
1965	W	47.5	47.2	-0.3	-0.6
1966	BN	46.8	47.0	0.2	0.4
1967	W	48.2	48.7	0.5	1.0
1968	BN	49.2	49.4	0.2	0.4
1969	W	46.9	45.7	-1.2	-2.6
1970	W	51.7	51.9	0.2	0.4
1971	W	49.0	48.8	-0.2	-0.4
1972	BN	47.6	47.8	0.2	0.4
1973	AN	45.0	42.9	-2.1	-4.7
1974	W	49.1	49.2	0.1	0.2
1975	W	49.1	49.2	0.1	0.2
1976	C	48.9	49.1	0.2	0.4
1977	C	51.4	49.2	-2.2	-4.3
1978	AN	48.5	48.6	0.1	0.2
1979	BN	47.0	47.2	0.2	0.4
1980	AN	50.9	50.7	-0.2	-0.4
1981	D	51.0	51.1	0.1	0.2
1982	W	50.1	50.0	-0.1	-0.2
1983	W	48.6	48.7	0.1	0.2
1984	W	48.4	48.3	-0.1	-0.2
1985	D	48.7	48.8	0.1	0.2
1986	W	45.2	44.9	-0.3	-0.7
1987	D	50.6	50.6	0.0	0.0
1988	C	49.2	49.0	-0.2	-0.4
1989	D	49.3	47.5	-1.8	-3.7
1990	C	49.1	48.7	-0.4	-0.8
1991	C	42.9	45.4	2.5	5.8
1992	C	49.5	47.8	-1.7	-3.4
1993	AN	44.6	45.3	0.7	1.6
	Mean:	48.5	48.4	-0.1	-0.1
	Median:	48.7	48.6	0.1	0.1
	Min:	42.8	42.9	-2.2	-4.7
	Max:	53.9	53.9	2.5	5.8

American River Water Temperatures at the Mouth

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	44.1	44.1	0.0	0.0
1924	C	46.0	46.2	0.2	0.4
1925	D	46.2	46.1	-0.1	-0.2
1926	D	44.3	44.0	-0.3	-0.7
1927	W	47.5	47.4	-0.1	-0.2
1928	AN	46.9	46.9	0.0	0.0
1929	C	43.0	43.1	0.1	0.2
1930	D	45.4	45.3	-0.1	-0.2
1931	C	47.5	47.4	-0.1	-0.2
1932	D	45.0	44.2	-0.8	-1.8
1933	C	43.2	43.5	0.3	0.7
1934	C	46.9	46.8	-0.1	-0.2
1935	BN	46.8	46.1	-0.7	-1.5
1936	BN	47.8	47.9	0.1	0.2
1937	BN	41.7	41.6	-0.1	-0.2
1938	W	46.5	46.4	-0.1	-0.2
1939	D	47.0	47.1	0.1	0.2
1940	AN	48.0	47.7	-0.3	-0.6
1941	W	48.6	48.6	0.0	0.0
1942	W	46.1	46.2	0.1	0.2
1943	W	45.7	46.0	0.3	0.7
1944	D	47.5	47.7	0.2	0.4
1945	BN	45.4	45.6	0.2	0.4
1946	BN	45.5	45.6	0.1	0.2
1947	D	44.2	44.2	0.0	0.0
1948	BN	47.2	47.2	0.0	0.0
1949	D	41.2	41.4	0.2	0.5
1950	BN	44.6	43.9	-0.7	-1.6
1951	AN	45.1	44.8	-0.3	-0.7
1952	W	45.2	45.2	0.0	0.0
1953	W	47.9	48.0	0.1	0.2
1954	AN	47.4	47.4	0.0	0.0
1955	D	43.4	43.4	0.0	0.0
1956	W	45.7	45.6	-0.1	-0.2
1957	AN	46.1	46.4	0.3	0.7
1958	W	47.1	47.3	0.2	0.4
1959	BN	50.4	50.4	0.0	0.0
1960	D	47.2	46.6	-0.6	-1.3
1961	D	44.0	44.4	0.4	0.9
1962	BN	43.5	42.5	-1.0	-2.3
1963	W	44.8	45.0	0.2	0.4
1964	D	44.7	44.8	0.1	0.2
1965	W	44.9	44.6	-0.3	-0.7
1966	BN	45.9	46.1	0.2	0.4
1967	W	46.3	46.4	0.1	0.2
1968	BN	45.7	45.8	0.1	0.2
1969	W	44.7	44.5	-0.2	-0.4
1970	W	46.5	46.5	0.0	0.0
1971	W	45.6	45.6	0.0	0.0
1972	BN	43.4	43.5	0.1	0.2
1973	AN	44.2	44.0	-0.2	-0.5
1974	W	46.0	46.1	0.1	0.2
1975	W	45.1	45.1	0.0	0.0
1976	C	47.7	47.9	0.2	0.4
1977	C	44.0	45.0	1.0	2.3
1978	AN	47.6	47.6	0.0	0.0
1979	BN	45.9	46.0	0.1	0.2
1980	AN	47.4	46.6	-0.8	-1.7
1981	D	48.4	48.5	0.1	0.2
1982	W	45.0	44.8	-0.2	-0.4
1983	W	45.2	45.2	0.0	0.0
1984	W	46.2	45.9	-0.3	-0.6
1985	D	44.8	44.7	-0.1	-0.2
1986	W	47.2	47.2	0.0	0.0
1987	D	46.9	47.0	0.1	0.2
1988	C	47.7	47.7	0.0	0.0
1989	D	45.7	44.8	-0.9	-2.0
1990	C	47.5	47.4	-0.1	-0.2
1991	C	46.5	46.5	0.0	0.0
1992	C	43.8	44.7	0.9	2.1
1993	AN	45.3	45.0	-0.3	-0.7
	Mean:	45.8	45.8	0.0	-0.1
	Median:	45.9	46.0	0.0	0.0
	Min:	41.2	41.4	-1.0	-2.3
	Max:	50.4	50.4	1.0	2.3

American River Water Temperatures at the Mouth

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	45.4	45.5	0.1	0.2
1924	C	54.1	51.5	-2.6	-4.8
1925	D	48.0	48.1	0.1	0.2
1926	D	48.2	49.5	1.3	2.7
1927	W	47.8	47.8	0.0	0.0
1928	AN	49.3	49.1	-0.2	-0.4
1929	C	49.4	47.4	-2.0	-4.0
1930	D	50.4	51.7	1.3	2.6
1931	C	51.4	51.5	0.1	0.2
1932	D	46.7	46.8	0.1	0.2
1933	C	47.7	46.6	-1.1	-2.3
1934	C	49.9	51.6	1.7	3.4
1935	BN	48.7	49.8	1.1	2.3
1936	BN	47.1	47.2	0.1	0.2
1937	BN	44.6	44.9	0.3	0.7
1938	W	47.1	47.4	0.3	0.6
1939	D	47.9	48.1	0.2	0.4
1940	AN	48.1	48.2	0.1	0.2
1941	W	48.6	48.7	0.1	0.2
1942	W	46.0	46.1	0.1	0.2
1943	W	47.2	47.0	-0.2	-0.4
1944	D	48.6	48.7	0.1	0.2
1945	BN	47.4	47.2	-0.2	-0.4
1946	BN	46.0	46.0	0.0	0.0
1947	D	47.9	48.3	0.4	0.8
1948	BN	47.6	47.6	0.0	0.0
1949	D	43.8	44.0	0.2	0.5
1950	BN	46.3	46.2	-0.1	-0.2
1951	AN	46.5	46.5	0.0	0.0
1952	W	46.6	46.7	0.1	0.2
1953	W	48.7	48.8	0.1	0.2
1954	AN	48.2	48.2	0.0	0.0
1955	D	45.7	45.8	0.1	0.2
1956	W	46.5	46.5	0.0	0.0
1957	AN	49.3	49.2	-0.1	-0.2
1958	W	49.4	49.4	0.0	0.0
1959	BN	50.0	50.1	0.1	0.2
1960	D	49.4	50.1	0.7	1.4
1961	D	52.0	49.8	-2.2	-4.2
1962	BN	46.7	47.9	1.2	2.6
1963	W	47.9	48.0	0.1	0.2
1964	D	47.1	47.5	0.4	0.8
1965	W	47.2	47.0	-0.2	-0.4
1966	BN	47.4	47.5	0.1	0.2
1967	W	46.8	46.8	0.0	0.0
1968	BN	48.6	48.5	-0.1	-0.2
1969	W	45.3	45.3	0.0	0.0
1970	W	48.1	48.3	0.2	0.4
1971	W	46.3	46.3	0.0	0.0
1972	BN	46.7	46.7	0.0	0.0
1973	AN	47.1	47.0	-0.1	-0.2
1974	W	46.8	47.0	0.2	0.4
1975	W	47.0	46.9	-0.1	-0.2
1976	C	51.6	50.6	-1.0	-1.9
1977	C	52.5	51.6	-0.9	-1.7
1978	AN	48.1	48.2	0.1	0.2
1979	BN	47.6	47.6	0.0	0.0
1980	AN	47.2	47.4	0.2	0.4
1981	D	50.4	50.5	0.1	0.2
1982	W	46.5	46.5	0.0	0.0
1983	W	47.7	47.8	0.1	0.2
1984	W	47.8	47.6	-0.2	-0.4
1985	D	48.2	48.4	0.2	0.4
1986	W	47.3	47.2	-0.1	-0.2
1987	D	51.4	50.3	-1.1	-2.1
1988	C	52.1	52.3	0.2	0.4
1989	D	47.4	47.1	-0.3	-0.6
1990	C	48.6	48.5	-0.1	-0.2
1991	C	54.5	53.4	-1.1	-2.0
1992	C	53.5	52.6	-0.9	-1.7
1993	AN	46.6	46.6	0.0	0.0
	Mean:	48.2	48.1	0.0	-0.1
	Median:	47.8	47.8	0.0	0.0
	Min:	43.8	44.0	-2.6	-4.8
	Max:	54.5	53.4	1.7	3.4

American River Water Temperatures at the Mouth

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.6	53.5	2.9	5.7
1924	C	54.1	53.6	-0.5	-0.9
1925	D	50.7	50.8	0.1	0.2
1926	D	55.0	57.5	2.5	4.5
1927	W	51.3	51.2	-0.1	-0.2
1928	AN	51.4	51.3	-0.1	-0.2
1929	C	53.7	52.7	-1.0	-1.9
1930	D	54.4	53.9	-0.5	-0.9
1931	C	56.5	57.0	0.5	0.9
1932	D	53.3	54.2	0.9	1.7
1933	C	52.6	53.7	1.1	2.1
1934	C	56.7	57.0	0.3	0.5
1935	BN	50.8	50.6	-0.2	-0.4
1936	BN	52.4	52.3	-0.1	-0.2
1937	BN	51.7	51.7	0.0	0.0
1938	W	49.8	49.8	0.0	0.0
1939	D	53.5	54.1	0.6	1.1
1940	AN	51.3	51.3	0.0	0.0
1941	W	52.8	52.8	0.0	0.0
1942	W	51.1	51.1	0.0	0.0
1943	W	50.8	50.8	0.0	0.0
1944	D	53.9	53.0	-0.9	-1.7
1945	BN	50.3	50.6	0.3	0.6
1946	BN	51.0	51.1	0.1	0.2
1947	D	53.6	53.9	0.3	0.6
1948	BN	51.1	50.1	-1.0	-2.0
1949	D	49.6	49.8	0.2	0.4
1950	BN	51.1	51.3	0.2	0.4
1951	AN	50.9	50.7	-0.2	-0.4
1952	W	49.5	49.7	0.2	0.4
1953	W	52.3	52.3	0.0	0.0
1954	AN	50.4	50.4	0.0	0.0
1955	D	52.0	51.2	-0.8	-1.5
1956	W	52.2	52.4	0.2	0.4
1957	AN	52.6	52.5	-0.1	-0.2
1958	W	50.4	50.5	0.1	0.2
1959	BN	55.1	55.4	0.3	0.5
1960	D	53.1	52.8	-0.3	-0.6
1961	D	54.2	53.6	-0.6	-1.1
1962	BN	51.0	50.4	-0.6	-1.2
1963	W	50.8	51.5	0.7	1.4
1964	D	51.8	50.6	-1.2	-2.3
1965	W	52.3	51.9	-0.4	-0.8
1966	BN	53.1	54.6	1.5	2.8
1967	W	50.3	50.3	0.0	0.0
1968	BN	54.1	53.9	-0.2	-0.4
1969	W	50.2	50.2	0.0	0.0
1970	W	53.0	52.9	-0.1	-0.2
1971	W	50.3	50.1	-0.2	-0.4
1972	BN	54.0	53.8	-0.2	-0.4
1973	AN	50.4	50.5	0.1	0.2
1974	W	50.4	50.3	-0.1	-0.2
1975	W	50.2	50.2	0.0	0.0
1976	C	54.9	54.9	0.0	0.0
1977	C	53.3	53.5	0.2	0.4
1978	AN	53.4	53.1	-0.3	-0.6
1979	BN	52.5	52.8	0.3	0.6
1980	AN	51.1	51.0	-0.1	-0.2
1981	D	53.3	53.4	0.1	0.2
1982	W	49.9	50.0	0.1	0.2
1983	W	50.0	50.1	0.1	0.2
1984	W	54.6	53.8	-0.8	-1.5
1985	D	51.4	51.4	0.0	0.0
1986	W	51.2	51.5	0.3	0.6
1987	D	54.3	54.3	0.0	0.0
1988	C	57.0	58.1	1.1	1.9
1989	D	51.1	50.9	-0.2	-0.4
1990	C	55.4	54.8	-0.6	-1.1
1991	C	53.1	52.3	-0.8	-1.5
1992	C	55.4	57.9	2.5	4.5
1993	AN	52.8	52.7	-0.1	-0.2
	Mean:	52.3	52.4	0.1	0.1
	Median:	52.2	52.3	0.0	0.0
	Min:	49.5	49.7	-1.2	-2.3
	Max:	57.0	58.1	2.9	5.7

American River Water Temperatures at the Mouth

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.7	55.3	-0.4	-0.7
1924	C	61.9	61.4	-0.5	-0.8
1925	D	57.0	57.8	0.8	1.4
1926	D	60.0	60.0	0.0	0.0
1927	W	54.1	54.3	0.2	0.4
1928	AN	54.9	55.3	0.4	0.7
1929	C	53.3	56.8	3.5	6.6
1930	D	58.9	58.7	-0.2	-0.3
1931	C	61.8	63.2	1.4	2.3
1932	D	56.9	57.2	0.3	0.5
1933	C	56.2	57.0	0.8	1.4
1934	C	58.3	58.1	-0.2	-0.3
1935	BN	54.7	54.8	0.1	0.2
1936	BN	55.7	55.9	0.2	0.4
1937	BN	54.7	54.8	0.1	0.2
1938	W	54.0	54.1	0.1	0.2
1939	D	62.1	62.5	0.4	0.6
1940	AN	55.4	55.7	0.3	0.5
1941	W	55.3	55.5	0.2	0.4
1942	W	53.9	54.1	0.2	0.4
1943	W	55.2	55.5	0.3	0.5
1944	D	56.6	56.9	0.3	0.5
1945	BN	56.3	57.1	0.8	1.4
1946	BN	55.8	56.3	0.5	0.9
1947	D	58.6	59.8	1.2	2.0
1948	BN	54.0	54.6	0.6	1.1
1949	D	56.9	57.2	0.3	0.5
1950	BN	55.8	56.0	0.2	0.4
1951	AN	56.7	57.0	0.3	0.5
1952	W	53.9	54.1	0.2	0.4
1953	W	55.8	56.6	0.8	1.4
1954	AN	56.3	56.5	0.2	0.4
1955	D	54.6	54.0	-0.6	-1.1
1956	W	57.3	57.8	0.5	0.9
1957	AN	58.1	58.8	0.7	1.2
1958	W	54.2	54.3	0.1	0.2
1959	BN	62.9	64.0	1.1	1.7
1960	D	57.2	57.4	0.2	0.3
1961	D	57.8	60.5	2.7	4.7
1962	BN	56.9	58.3	1.4	2.5
1963	W	53.5	53.5	0.0	0.0
1964	D	56.3	56.2	-0.1	-0.2
1965	W	54.9	55.0	0.1	0.2
1966	BN	60.8	60.4	-0.4	-0.7
1967	W	51.9	52.3	0.4	0.8
1968	BN	59.0	59.8	0.8	1.4
1969	W	54.3	54.6	0.3	0.6
1970	W	56.9	57.1	0.2	0.4
1971	W	54.6	55.0	0.4	0.7
1972	BN	58.0	58.4	0.4	0.7
1973	AN	57.1	57.7	0.6	1.1
1974	W	54.1	54.5	0.4	0.7
1975	W	53.1	53.8	0.7	1.3
1976	C	59.6	59.2	-0.4	-0.7
1977	C	64.3	64.7	0.4	0.6
1978	AN	55.4	55.9	0.5	0.9
1979	BN	56.8	57.3	0.5	0.9
1980	AN	57.5	57.8	0.3	0.5
1981	D	58.2	60.2	2.0	3.4
1982	W	53.2	53.2	0.0	0.0
1983	W	53.5	53.9	0.4	0.7
1984	W	57.6	58.1	0.5	0.9
1985	D	58.3	59.9	1.6	2.7
1986	W	57.7	57.7	0.0	0.0
1987	D	60.7	63.0	2.3	3.8
1988	C	62.1	62.0	-0.1	-0.2
1989	D	57.6	59.1	1.5	2.6
1990	C	58.7	59.2	0.5	0.9
1991	C	58.0	58.6	0.6	1.0
1992	C	57.3	57.5	0.2	0.3
1993	AN	55.9	56.8	0.9	1.6
	Mean:	56.8	57.3	0.5	0.9
	Median:	56.7	57.1	0.3	0.6
	Min:	51.9	52.3	-0.6	-1.1
	Max:	64.3	64.7	3.5	6.6

American River Water Temperatures at the Mouth

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	58.9	58.7	-0.2	-0.3
1924	C	68.9	68.9	0.0	0.0
1925	D	59.6	60.1	0.5	0.8
1926	D	63.5	63.8	0.3	0.5
1927	W	58.6	58.7	0.1	0.2
1928	AN	61.5	61.9	0.4	0.7
1929	C	63.5	63.7	0.2	0.3
1930	D	60.6	60.8	0.2	0.3
1931	C	70.3	69.9	-0.4	-0.6
1932	D	60.1	60.2	0.1	0.2
1933	C	62.9	60.9	-2.0	-3.2
1934	C	67.2	67.9	0.7	1.0
1935	BN	58.8	59.2	0.4	0.7
1936	BN	60.9	60.6	-0.3	-0.5
1937	BN	59.9	59.9	0.0	0.0
1938	W	58.6	58.7	0.1	0.2
1939	D	66.5	67.8	1.3	2.0
1940	AN	61.1	61.5	0.4	0.7
1941	W	58.9	59.0	0.1	0.2
1942	W	57.1	57.1	0.0	0.0
1943	W	61.1	62.2	1.1	1.8
1944	D	61.7	63.4	1.7	2.8
1945	BN	58.7	58.9	0.2	0.3
1946	BN	59.9	59.9	0.0	0.0
1947	D	66.2	67.8	1.6	2.4
1948	BN	56.9	58.7	1.8	3.2
1949	D	60.8	61.7	0.9	1.5
1950	BN	60.3	60.1	-0.2	-0.3
1951	AN	60.1	60.6	0.5	0.8
1952	W	58.6	58.5	-0.1	-0.2
1953	W	58.2	58.6	0.4	0.7
1954	AN	61.5	62.3	0.8	1.3
1955	D	62.2	63.4	1.2	1.9
1956	W	59.3	59.2	-0.1	-0.2
1957	AN	61.2	61.5	0.3	0.5
1958	W	59.1	59.0	-0.1	-0.2
1959	BN	63.7	65.5	1.8	2.8
1960	D	62.8	63.5	0.7	1.1
1961	D	61.1	63.3	2.2	3.6
1962	BN	60.6	62.3	1.7	2.8
1963	W	57.2	57.2	0.0	0.0
1964	D	62.1	62.4	0.3	0.5
1965	W	59.3	59.5	0.2	0.3
1966	BN	63.4	66.0	2.6	4.1
1967	W	57.4	57.4	0.0	0.0
1968	BN	63.1	63.9	0.8	1.3
1969	W	58.8	58.7	-0.1	-0.2
1970	W	62.6	64.7	2.1	3.4
1971	W	58.0	58.5	0.5	0.9
1972	BN	62.8	63.8	1.0	1.6
1973	AN	61.6	61.6	0.0	0.0
1974	W	58.7	58.7	0.0	0.0
1975	W	58.9	58.8	-0.1	-0.2
1976	C	67.9	68.7	0.8	1.2
1977	C	63.1	63.3	0.2	0.3
1978	AN	60.0	60.7	0.7	1.2
1979	BN	60.4	60.4	0.0	0.0
1980	AN	59.6	60.2	0.6	1.0
1981	D	63.3	65.8	2.5	3.9
1982	W	58.3	58.4	0.1	0.2
1983	W	57.9	57.8	-0.1	-0.2
1984	W	63.0	64.0	1.0	1.6
1985	D	62.2	62.9	0.7	1.1
1986	W	61.3	61.7	0.4	0.7
1987	D	68.1	69.8	1.7	2.5
1988	C	62.9	65.8	2.9	4.6
1989	D	61.7	62.5	0.8	1.3
1990	C	65.7	65.3	-0.4	-0.6
1991	C	62.8	63.9	1.1	1.8
1992	C	66.7	70.9	4.2	6.3
1993	AN	59.5	59.4	-0.1	-0.2
	Mean:	61.4	62.0	0.6	0.9
	Median:	61.1	61.5	0.4	0.6
	Min:	56.9	57.1	-2.0	-3.2
	Max:	70.3	70.9	4.2	6.3

American River Water Temperatures at the Mouth

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	62.5	63.1	0.6	1.0
1924	C	68.9	69.9	1.0	1.5
1925	D	64.2	64.2	0.0	0.0
1926	D	65.3	66.4	1.1	1.7
1927	W	62.9	63.0	0.1	0.2
1928	AN	65.7	66.3	0.6	0.9
1929	C	65.1	69.6	4.5	6.9
1930	D	66.6	66.2	-0.4	-0.6
1931	C	68.2	70.6	2.4	3.5
1932	D	63.6	63.6	0.0	0.0
1933	C	63.9	65.2	1.3	2.0
1934	C	67.8	67.7	-0.1	-0.1
1935	BN	65.0	65.6	0.6	0.9
1936	BN	64.0	64.1	0.1	0.2
1937	BN	63.8	64.0	0.2	0.3
1938	W	63.3	63.2	-0.1	-0.2
1939	D	65.8	66.7	0.9	1.4
1940	AN	67.5	67.9	0.4	0.6
1941	W	63.6	63.9	0.3	0.5
1942	W	61.7	61.7	0.0	0.0
1943	W	63.3	63.4	0.1	0.2
1944	D	65.1	65.5	0.4	0.6
1945	BN	63.8	64.2	0.4	0.6
1946	BN	63.4	63.6	0.2	0.3
1947	D	66.4	66.0	-0.4	-0.6
1948	BN	61.7	61.5	-0.2	-0.3
1949	D	64.5	64.4	-0.1	-0.2
1950	BN	63.2	63.4	0.2	0.3
1951	AN	64.9	66.4	1.5	2.3
1952	W	61.7	61.6	-0.1	-0.2
1953	W	61.0	61.0	0.0	0.0
1954	AN	65.6	65.9	0.3	0.5
1955	D	65.9	66.0	0.1	0.2
1956	W	63.5	63.6	0.1	0.2
1957	AN	65.0	65.4	0.4	0.6
1958	W	62.9	62.9	0.0	0.0
1959	BN	69.3	68.1	-1.2	-1.7
1960	D	68.1	68.5	0.4	0.6
1961	D	71.0	72.1	1.1	1.5
1962	BN	66.8	66.5	-0.3	-0.4
1963	W	63.3	63.7	0.4	0.6
1964	D	65.6	67.1	1.5	2.3
1965	W	62.8	63.0	0.2	0.3
1966	BN	67.4	66.6	-0.8	-1.2
1967	W	62.1	62.1	0.0	0.0
1968	BN	68.6	68.0	-0.6	-0.9
1969	W	62.3	62.3	0.0	0.0
1970	W	67.7	67.9	0.2	0.3
1971	W	61.5	61.6	0.1	0.2
1972	BN	65.0	65.3	0.3	0.5
1973	AN	65.5	65.7	0.2	0.3
1974	W	63.6	63.8	0.2	0.3
1975	W	63.1	63.1	0.0	0.0
1976	C	71.9	71.5	-0.4	-0.6
1977	C	72.6	72.7	0.1	0.1
1978	AN	63.5	63.8	0.3	0.5
1979	BN	64.2	64.2	0.0	0.0
1980	AN	62.6	62.9	0.3	0.5
1981	D	69.9	67.6	-2.3	-3.3
1982	W	61.9	61.9	0.0	0.0
1983	W	62.7	62.6	-0.1	-0.2
1984	W	65.3	65.8	0.5	0.8
1985	D	66.7	66.8	0.1	0.1
1986	W	64.6	65.3	0.7	1.1
1987	D	66.0	67.6	1.6	2.4
1988	C	69.6	71.6	2.0	2.9
1989	D	66.4	66.1	-0.3	-0.5
1990	C	67.0	70.2	3.2	4.8
1991	C	67.1	66.3	-0.8	-1.2
1992	C	69.9	67.6	-2.3	-3.3
1993	AN	63.5	63.6	0.1	0.2
	Mean:	65.2	65.5	0.3	0.4
	Median:	65.0	65.4	0.1	0.2
	Min:	61.0	61.0	-2.3	-3.3
	Max:	72.6	72.7	4.5	6.9

American River Water Temperatures at the Mouth

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	66.6	66.1	-0.5	-0.8
1924	C	70.0	70.4	0.4	0.6
1925	D	66.8	66.8	0.0	0.0
1926	D	69.2	68.1	-1.1	-1.6
1927	W	66.7	65.8	-0.9	-1.3
1928	AN	66.8	65.5	-1.3	-1.9
1929	C	68.4	70.5	2.1	3.1
1930	D	65.9	65.8	-0.1	-0.2
1931	C	72.7	76.1	3.4	4.7
1932	D	68.3	68.0	-0.3	-0.4
1933	C	70.1	70.6	0.5	0.7
1934	C	70.6	70.7	0.1	0.1
1935	BN	66.7	66.6	-0.1	-0.1
1936	BN	68.5	68.3	-0.2	-0.3
1937	BN	67.7	67.5	-0.2	-0.3
1938	W	67.4	67.4	0.0	0.0
1939	D	69.4	68.5	-0.9	-1.3
1940	AN	66.7	66.5	-0.2	-0.3
1941	W	66.8	66.8	0.0	0.0
1942	W	66.8	66.1	-0.7	-1.0
1943	W	66.7	65.7	-1.0	-1.5
1944	D	67.3	67.1	-0.2	-0.3
1945	BN	67.3	66.7	-0.6	-0.9
1946	BN	66.5	65.8	-0.7	-1.1
1947	D	65.9	67.7	1.8	2.7
1948	BN	65.6	65.5	-0.1	-0.2
1949	D	66.8	66.3	-0.5	-0.7
1950	BN	67.3	66.7	-0.6	-0.9
1951	AN	66.1	65.9	-0.2	-0.3
1952	W	67.1	66.9	-0.2	-0.3
1953	W	67.2	66.8	-0.4	-0.6
1954	AN	66.2	66.3	0.1	0.2
1955	D	63.6	64.9	1.3	2.0
1956	W	68.7	67.5	-1.2	-1.7
1957	AN	67.2	66.8	-0.4	-0.6
1958	W	68.9	68.8	-0.1	-0.1
1959	BN	67.0	66.8	-0.2	-0.3
1960	D	67.7	68.9	1.2	1.8
1961	D	69.6	70.6	1.0	1.4
1962	BN	67.0	66.7	-0.3	-0.4
1963	W	65.8	65.3	-0.5	-0.8
1964	D	66.0	66.5	0.5	0.8
1965	W	66.4	66.0	-0.4	-0.6
1966	BN	64.3	66.0	1.7	2.6
1967	W	68.9	68.8	-0.1	-0.1
1968	BN	65.4	65.5	0.1	0.2
1969	W	67.5	67.4	-0.1	-0.1
1970	W	66.8	66.7	-0.1	-0.1
1971	W	66.4	65.8	-0.6	-0.9
1972	BN	64.7	64.4	-0.3	-0.5
1973	AN	66.6	66.2	-0.4	-0.6
1974	W	68.1	67.2	-0.9	-1.3
1975	W	67.5	66.4	-1.1	-1.6
1976	C	69.0	71.4	2.4	3.5
1977	C	73.5	71.2	-2.3	-3.1
1978	AN	67.3	66.6	-0.7	-1.0
1979	BN	67.8	68.0	0.2	0.3
1980	AN	67.5	66.9	-0.6	-0.9
1981	D	66.5	66.4	-0.1	-0.2
1982	W	67.0	66.2	-0.8	-1.2
1983	W	66.6	66.5	-0.1	-0.2
1984	W	68.3	67.8	-0.5	-0.7
1985	D	67.8	66.7	-1.1	-1.6
1986	W	67.7	67.1	-0.6	-0.9
1987	D	67.4	68.7	1.3	1.9
1988	C	73.6	77.7	4.1	5.6
1989	D	66.3	66.7	0.4	0.6
1990	C	71.1	72.1	1.0	1.4
1991	C	70.0	69.6	-0.4	-0.6
1992	C	72.2	72.3	0.1	0.1
1993	AN	66.7	66.7	0.0	0.0
	Mean:	67.6	67.6	0.0	0.0
	Median:	67.2	66.8	-0.2	-0.3
	Min:	63.6	64.4	-2.3	-3.1
	Max:	73.6	77.7	4.1	5.6

American River Water Temperatures at the Mouth

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.8	68.0	-0.8	-1.2
1924	C	71.9	70.9	-1.0	-1.4
1925	D	66.6	67.1	0.5	0.8
1926	D	69.8	69.5	-0.3	-0.4
1927	W	67.4	66.7	-0.7	-1.0
1928	AN	66.8	66.7	-0.1	-0.1
1929	C	70.1	70.7	0.6	0.9
1930	D	67.8	68.2	0.4	0.6
1931	C	72.6	73.5	0.9	1.2
1932	D	68.7	68.6	-0.1	-0.1
1933	C	70.2	70.3	0.1	0.1
1934	C	71.2	70.5	-0.7	-1.0
1935	BN	67.3	67.2	-0.1	-0.1
1936	BN	69.3	68.2	-1.1	-1.6
1937	BN	67.2	66.8	-0.4	-0.6
1938	W	66.7	66.0	-0.7	-1.0
1939	D	71.3	70.6	-0.7	-1.0
1940	AN	67.6	67.5	-0.1	-0.1
1941	W	65.6	64.8	-0.8	-1.2
1942	W	67.3	66.3	-1.0	-1.5
1943	W	68.2	67.1	-1.1	-1.6
1944	D	66.9	67.8	0.9	1.3
1945	BN	68.3	67.5	-0.8	-1.2
1946	BN	67.6	67.2	-0.4	-0.6
1947	D	68.7	68.4	-0.3	-0.4
1948	BN	66.2	65.9	-0.3	-0.5
1949	D	66.8	65.9	-0.9	-1.3
1950	BN	68.6	67.5	-1.1	-1.6
1951	AN	67.1	67.0	-0.1	-0.1
1952	W	68.6	66.4	-2.2	-3.2
1953	W	67.6	67.0	-0.6	-0.9
1954	AN	65.5	66.1	0.6	0.9
1955	D	68.8	69.0	0.2	0.3
1956	W	68.8	66.7	-2.1	-3.1
1957	AN	66.9	67.3	0.4	0.6
1958	W	70.2	68.9	-1.3	-1.9
1959	BN	73.0	70.8	-2.2	-3.0
1960	D	70.0	69.5	-0.5	-0.7
1961	D	75.6	74.1	-1.5	-2.0
1962	BN	68.7	68.9	0.2	0.3
1963	W	66.3	67.5	1.2	1.8
1964	D	69.6	68.2	-1.4	-2.0
1965	W	69.5	68.3	-1.2	-1.7
1966	BN	73.3	71.5	-1.8	-2.5
1967	W	70.2	69.1	-1.1	-1.6
1968	BN	69.4	69.3	-0.1	-0.1
1969	W	67.9	67.1	-0.8	-1.2
1970	W	68.5	68.7	0.2	0.3
1971	W	67.9	67.9	0.0	0.0
1972	BN	70.3	68.8	-1.5	-2.1
1973	AN	67.4	67.3	-0.1	-0.1
1974	W	68.8	66.8	-2.0	-2.9
1975	W	67.4	66.9	-0.5	-0.7
1976	C	72.4	70.9	-1.5	-2.1
1977	C	73.6	73.0	-0.6	-0.8
1978	AN	66.8	67.0	0.2	0.3
1979	BN	68.4	66.8	-1.6	-2.3
1980	AN	68.5	66.6	-1.9	-2.8
1981	D	70.9	71.9	1.0	1.4
1982	W	66.5	65.6	-0.9	-1.4
1983	W	69.7	67.8	-1.9	-2.7
1984	W	68.9	67.5	-1.4	-2.0
1985	D	68.5	67.6	-0.9	-1.3
1986	W	69.2	67.8	-1.4	-2.0
1987	D	73.0	71.2	-1.8	-2.5
1988	C	72.3	73.7	1.4	1.9
1989	D	69.3	69.0	-0.3	-0.4
1990	C	71.9	71.2	-0.7	-1.0
1991	C	66.6	69.8	3.2	4.8
1992	C	73.5	75.0	1.5	2.0
1993	AN	67.0	67.7	0.7	1.0
	Mean:	69.0	68.5	-0.5	-0.7
	Median:	68.7	67.8	-0.6	-0.9
	Min:	65.5	64.8	-2.2	-3.2
	Max:	75.6	75.0	3.2	4.8

American River Water Temperatures at the Mouth

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	68.7	66.6	-2.1	-3.1
1924	C	68.5	69.0	0.5	0.7
1925	D	66.2	65.5	-0.7	-1.1
1926	D	68.0	67.7	-0.3	-0.4
1927	W	66.4	65.4	-1.0	-1.5
1928	AN	68.7	66.9	-1.8	-2.6
1929	C	69.3	69.2	-0.1	-0.1
1930	D	66.1	66.7	0.6	0.9
1931	C	68.4	68.0	-0.4	-0.6
1932	D	68.9	68.4	-0.5	-0.7
1933	C	68.4	68.2	-0.2	-0.3
1934	C	69.8	70.1	0.3	0.4
1935	BN	66.8	66.2	-0.6	-0.9
1936	BN	68.6	67.8	-0.8	-1.2
1937	BN	66.9	66.8	-0.1	-0.1
1938	W	67.0	65.9	-1.1	-1.6
1939	D	69.8	70.0	0.2	0.3
1940	AN	66.5	66.3	-0.2	-0.3
1941	W	65.2	64.9	-0.3	-0.5
1942	W	66.6	65.4	-1.2	-1.8
1943	W	67.0	65.8	-1.2	-1.8
1944	D	70.0	67.4	-2.6	-3.7
1945	BN	67.0	67.2	0.2	0.3
1946	BN	67.6	65.3	-2.3	-3.4
1947	D	68.1	68.3	0.2	0.3
1948	BN	65.8	64.5	-1.3	-2.0
1949	D	65.9	66.0	0.1	0.2
1950	BN	67.6	66.2	-1.4	-2.1
1951	AN	66.8	66.1	-0.7	-1.0
1952	W	67.6	65.6	-2.0	-3.0
1953	W	67.3	65.9	-1.4	-2.1
1954	AN	65.6	65.5	-0.1	-0.2
1955	D	68.8	67.7	-1.1	-1.6
1956	W	68.4	66.4	-2.0	-2.9
1957	AN	66.6	67.0	0.4	0.6
1958	W	69.5	67.5	-2.0	-2.9
1959	BN	68.9	68.7	-0.2	-0.3
1960	D	68.7	68.6	-0.1	-0.1
1961	D	69.3	69.2	-0.1	-0.1
1962	BN	67.6	67.6	0.0	0.0
1963	W	66.0	66.0	0.0	0.0
1964	D	68.2	67.4	-0.8	-1.2
1965	W	67.6	66.1	-1.5	-2.2
1966	BN	69.4	68.8	-0.6	-0.9
1967	W	69.7	68.4	-1.3	-1.9
1968	BN	69.5	67.9	-1.6	-2.3
1969	W	68.1	67.4	-0.7	-1.0
1970	W	67.8	66.8	-1.0	-1.5
1971	W	67.2	65.6	-1.6	-2.4
1972	BN	67.9	67.4	-0.5	-0.7
1973	AN	65.8	66.0	0.2	0.3
1974	W	67.8	66.5	-1.3	-1.9
1975	W	66.6	65.1	-1.5	-2.3
1976	C	69.8	69.6	-0.2	-0.3
1977	C	68.4	68.3	-0.1	-0.1
1978	AN	66.2	66.7	0.5	0.8
1979	BN	68.8	67.3	-1.5	-2.2
1980	AN	68.1	65.8	-2.3	-3.4
1981	D	68.9	68.3	-0.6	-0.9
1982	W	66.3	64.7	-1.6	-2.4
1983	W	68.7	66.8	-1.9	-2.8
1984	W	68.3	67.6	-0.7	-1.0
1985	D	67.2	66.3	-0.9	-1.3
1986	W	66.8	64.6	-2.2	-3.3
1987	D	69.6	69.6	0.0	0.0
1988	C	71.2	70.7	-0.5	-0.7
1989	D	68.3	67.9	-0.4	-0.6
1990	C	69.8	70.4	0.6	0.9
1991	C	70.0	69.9	-0.1	-0.1
1992	C	70.8	70.6	-0.2	-0.3
1993	AN	66.8	65.9	-0.9	-1.3
	Mean:	68.0	67.2	-0.7	-1.1
	Median:	68.1	67.0	-0.6	-0.9
	Min:	65.2	64.5	-2.6	-3.7
	Max:	71.2	70.7	0.6	0.9

Upper American River Flow Above Auburn Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	366.0	488.0	122.0	33.3
1923	BN	830.8	764.0	-66.8	-8.0
1924	C	860.2	770.0	-90.2	-10.5
1925	D	397.4	409.0	11.6	2.9
1926	D	920.1	782.0	-138.1	-15.0
1927	W	496.0	434.0	-62.0	-12.5
1928	AN	909.3	771.0	-138.3	-15.2
1929	C	535.3	346.0	-189.3	-35.4
1930	D	463.8	395.0	-68.8	-14.8
1931	C	566.4	427.0	-139.4	-24.6
1932	D	334.8	415.0	80.2	24.0
1933	C	854.0	690.0	-164.0	-19.2
1934	C	555.8	488.0	-67.8	-12.2
1935	BN	384.1	385.0	0.9	0.2
1936	BN	837.3	813.0	-24.3	-2.9
1937	BN	858.0	701.0	-157.0	-18.3
1938	W	734.2	756.0	21.8	3.0
1939	D	999.0	872.0	-127.0	-12.7
1940	AN	468.0	507.0	39.0	8.3
1941	W	731.6	685.0	-46.6	-6.4
1942	W	825.9	779.0	-46.9	-5.7
1943	W	925.0	768.0	-157.0	-17.0
1944	D	870.6	793.0	-77.6	-8.9
1945	BN	509.9	397.0	-112.9	-22.1
1946	BN	891.4	911.0	19.6	2.2
1947	D	754.3	731.0	-23.3	-3.1
1948	BN	627.6	696.0	68.4	10.9
1949	D	813.0	752.0	-61.0	-7.5
1950	BN	598.4	439.0	-159.4	-26.6
1951	AN	1108.1	997.0	-111.1	-10.0
1952	W	723.9	550.0	-173.9	-24.0
1953	W	886.3	732.0	-154.3	-17.4
1954	AN	845.4	724.0	-121.4	-14.4
1955	D	511.6	352.0	-159.6	-31.2
1956	W	462.0	330.0	-132.0	-28.6
1957	AN	975.9	860.0	-115.9	-11.9
1958	W	706.6	694.0	-12.6	-1.8
1959	BN	851.0	703.0	-148.0	-17.4
1960	D	380.0	340.0	-40.0	-10.5
1961	D	459.4	312.0	-147.4	-32.1
1962	BN	314.1	296.0	-18.1	-5.8
1963	W	4243.7	4287.0	43.3	1.0
1964	D	919.8	871.0	-48.8	-5.3
1965	W	486.8	347.0	-139.8	-28.7
1966	BN	858.9	714.0	-144.9	-16.9
1967	W	349.2	321.0	-28.2	-8.1
1968	BN	734.4	589.0	-145.4	-19.8
1969	W	453.7	364.0	-89.7	-19.8
1970	W	923.4	803.0	-120.4	-13.0
1971	W	555.1	446.0	-109.1	-19.7
1972	BN	835.1	682.0	-153.1	-18.3
1973	AN	565.4	421.0	-144.4	-25.5
1974	W	735.4	743.0	7.6	1.0
1975	W	853.9	717.0	-136.9	-16.0
1976	C	1044.0	1059.0	15.0	1.4
1977	C	296.1	287.0	-9.1	-3.1
1978	AN	140.7	162.0	21.3	15.1
1979	BN	759.7	605.0	-154.7	-20.4
1980	AN	591.3	667.0	75.7	12.8
1981	D	818.7	673.0	-145.7	-17.8
1982	W	475.7	499.0	23.3	4.9
1983	W	1585.0	1610.0	25.0	1.6
1984	W	1370.4	1501.0	130.6	9.5
1985	D	777.8	790.0	12.2	1.6
1986	W	452.4	343.0	-109.4	-24.2
1987	D	741.7	762.0	20.3	2.7
1988	C	226.6	254.0	27.4	12.1
1989	D	260.9	295.0	34.1	13.1
1990	C	652.0	738.0	86.0	13.2
1991	C	311.8	249.0	-62.8	-20.1
1992	C	358.7	321.0	-37.7	-10.5
1993	AN	285.3	280.0	-5.3	-1.9
	Mean:	719.5	659.1	-60.4	-8.6
	Median:	727.8	677.5	-64.8	-10.5
	Min:	140.7	162.0	-189.3	-35.4
	Max:	4243.7	4287.0	130.6	33.3

Upper American River Flow Above Auburn Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	567.1	534.0	-33.1	-5.8
1923	BN	723.3	899.0	175.7	24.3
1924	C	395.9	427.0	31.1	7.9
1925	D	537.3	616.0	78.7	14.6
1926	D	556.8	815.0	258.2	46.4
1927	W	1977.6	2104.0	126.4	6.4
1928	AN	1129.1	1301.0	171.9	15.2
1929	C	442.9	398.0	-44.9	-10.1
1930	D	266.1	208.0	-58.1	-21.8
1931	C	515.5	491.0	-24.5	-4.8
1932	D	475.5	475.0	-0.5	-0.1
1933	C	420.1	615.0	194.9	46.4
1934	C	414.1	412.0	-2.1	-0.5
1935	BN	655.4	734.0	78.6	12.0
1936	BN	499.2	650.0	150.8	30.2
1937	BN	417.4	470.0	52.6	12.6
1938	W	783.2	748.0	-35.2	-4.5
1939	D	606.8	738.0	131.2	21.6
1940	AN	321.2	273.0	-48.2	-15.0
1941	W	679.1	612.0	-67.1	-9.9
1942	W	538.1	731.0	192.9	35.8
1943	W	1839.2	1906.0	66.8	3.6
1944	D	478.2	455.0	-23.2	-4.9
1945	BN	1149.3	1269.0	119.7	10.4
1946	BN	1465.1	1657.0	191.9	13.1
1947	D	1100.6	1096.0	-4.6	-0.4
1948	BN	515.0	519.0	4.0	0.8
1949	D	511.9	706.0	194.1	37.9
1950	BN	412.9	371.0	-41.9	-10.1
1951	AN	7271.0	7388.0	117.0	1.6
1952	W	1180.2	1210.0	29.8	2.5
1953	W	824.1	758.0	-66.1	-8.0
1954	AN	725.4	1007.0	281.6	38.8
1955	D	483.0	439.0	-44.0	-9.1
1956	W	419.2	378.0	-41.2	-9.8
1957	AN	445.6	553.0	107.4	24.1
1958	W	422.0	402.0	-20.0	-4.7
1959	BN	627.8	652.0	24.2	3.9
1960	D	269.3	198.0	-71.3	-26.5
1961	D	543.4	545.0	1.6	0.3
1962	BN	244.0	217.0	-27.0	-11.1
1963	W	846.1	840.0	-6.1	-0.7
1964	D	1980.5	2039.0	58.5	3.0
1965	W	772.9	775.0	2.1	0.3
1966	BN	957.9	1049.0	91.1	9.5
1967	W	833.0	960.0	127.0	15.2
1968	BN	757.0	766.0	9.0	1.2
1969	W	806.1	923.0	116.9	14.5
1970	W	633.6	679.0	45.4	7.2
1971	W	1640.6	1765.0	124.4	7.6
1972	BN	589.8	785.0	195.2	33.1
1973	AN	922.2	1007.0	84.8	9.2
1974	W	4324.7	4163.0	-161.7	-3.7
1975	W	465.6	508.0	42.4	9.1
1976	C	855.3	1023.0	167.7	19.6
1977	C	204.0	176.0	-28.0	-13.7
1978	AN	256.4	235.0	-21.4	-8.3
1979	BN	536.1	876.0	339.9	63.4
1980	AN	617.3	657.0	39.7	6.4
1981	D	529.2	602.0	72.8	13.8
1982	W	4142.3	4917.0	774.7	18.7
1983	W	2538.0	2669.0	131.0	5.2
1984	W	5852.4	5672.0	-180.4	-3.1
1985	D	1656.7	1776.0	119.3	7.2
1986	W	690.4	731.0	40.6	5.9
1987	D	321.6	204.0	-117.6	-36.6
1988	C	200.3	173.0	-27.3	-13.6
1989	D	867.4	989.0	121.6	14.0
1990	C	511.7	521.0	9.3	1.8
1991	C	218.0	154.0	-64.0	-29.4
1992	C	274.8	255.0	-19.8	-7.2
1993	AN	299.1	265.0	-34.1	-11.4
	Mean:	971.5	1029.6	58.1	5.4
	Median:	578.5	692.5	35.4	3.3
	Min:	200.3	154.0	-180.4	-36.6
	Max:	7271.0	7388.0	774.7	63.4

Upper American River Flow Above Auburn Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1328.6	1397.0	68.4	5.1
1923	BN	3623.9	3636.0	12.1	0.3
1924	C	368.3	377.0	8.7	2.4
1925	D	813.0	915.0	102.0	12.5
1926	D	485.9	640.0	154.1	31.7
1927	W	1498.9	1584.0	85.1	5.7
1928	AN	1243.6	1206.0	-37.6	-3.0
1929	C	519.9	517.0	-2.9	-0.6
1930	D	1789.6	1907.0	117.4	6.6
1931	C	320.9	314.0	-6.9	-2.2
1932	D	1748.8	1780.0	31.2	1.8
1933	C	401.8	528.0	126.2	31.4
1934	C	1162.7	1250.0	87.3	7.5
1935	BN	623.3	658.0	34.7	5.6
1936	BN	485.3	488.0	2.7	0.6
1937	BN	387.1	383.0	-4.1	-1.1
1938	W	4221.4	4159.0	-62.4	-1.5
1939	D	554.4	569.0	14.6	2.6
1940	AN	348.4	385.0	36.6	10.5
1941	W	2747.8	2860.0	112.2	4.1
1942	W	3290.2	3321.0	30.8	0.9
1943	W	2669.6	2724.0	54.4	2.0
1944	D	438.8	444.0	5.2	1.2
1945	BN	1214.1	1293.0	78.9	6.5
1946	BN	4901.1	4910.0	8.9	0.2
1947	D	879.1	961.0	81.9	9.3
1948	BN	369.7	357.0	-12.7	-3.4
1949	D	747.0	764.0	17.0	2.3
1950	BN	380.6	383.0	2.4	0.6
1951	AN	8995.1	8646.0	-349.1	-3.9
1952	W	3049.3	3145.0	95.7	3.1
1953	W	1152.1	1346.0	193.9	16.8
1954	AN	742.3	813.0	70.7	9.5
1955	D	1254.6	1317.0	62.4	5.0
1956	W	9533.7	10346.0	812.3	8.5
1957	AN	497.4	499.0	1.6	0.3
1958	W	978.5	1091.0	112.5	11.5
1959	BN	308.2	322.0	13.8	4.5
1960	D	309.4	284.0	-25.4	-8.2
1961	D	651.4	673.0	21.6	3.3
1962	BN	586.5	624.0	37.5	6.4
1963	W	1977.6	1985.0	7.4	0.4
1964	D	787.6	837.0	49.4	6.3
1965	W	11465.5	11886.0	420.5	3.7
1966	BN	726.8	730.0	3.2	0.4
1967	W	2768.5	2773.0	4.5	0.2
1968	BN	739.9	919.0	179.1	24.2
1969	W	1177.2	1255.0	77.8	6.6
1970	W	3427.7	3462.0	34.3	1.0
1971	W	3097.4	3156.0	58.6	1.9
1972	BN	1168.4	1228.0	59.6	5.1
1973	AN	2158.0	2166.0	8.0	0.4
1974	W	3885.5	4007.0	121.5	3.1
1975	W	591.2	650.0	58.8	9.9
1976	C	623.1	693.0	69.9	11.2
1977	C	152.8	118.0	-34.8	-22.8
1978	AN	1821.2	1533.0	-288.2	-15.8
1979	BN	335.0	505.0	170.0	50.7
1980	AN	915.0	998.0	83.0	9.1
1981	D	431.4	452.0	20.6	4.8
1982	W	7581.0	7425.0	-156.0	-2.1
1983	W	4339.0	4508.0	169.0	3.9
1984	W	7984.9	7896.0	-88.9	-1.1
1985	D	967.6	984.0	16.4	1.7
1986	W	1335.1	1341.0	5.9	0.4
1987	D	263.7	255.0	-8.7	-3.3
1988	C	678.7	788.0	109.3	16.1
1989	D	530.3	611.0	80.7	15.2
1990	C	308.4	323.0	14.6	4.7
1991	C	180.2	149.0	-31.2	-17.3
1992	C	209.9	237.0	27.1	12.9
1993	AN	583.8	702.0	118.2	20.2
	Mean:	1817.2	1866.5	49.4	4.8
	Median:	846.0	940.0	32.8	3.2
	Min:	152.8	118.0	-349.1	-22.8
	Max:	11465.5	11886.0	812.3	50.7

Upper American River Flow Above Auburn Dam

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	976.5	977.0	0.5	0.1
1923	BN	2272.0	2244.0	-28.0	-1.2
1924	C	401.2	444.0	42.8	10.7
1925	D	587.7	588.0	0.3	0.1
1926	D	483.5	531.0	47.5	9.8
1927	W	1896.6	1873.0	-23.6	-1.2
1928	AN	1020.7	1009.0	-11.7	-1.1
1929	C	410.8	445.0	34.2	8.3
1930	D	1215.3	1200.0	-15.3	-1.3
1931	C	590.1	616.0	25.9	4.4
1932	D	1618.5	1587.0	-31.5	-1.9
1933	C	527.6	577.0	49.4	9.4
1934	C	1325.0	1305.0	-20.0	-1.5
1935	BN	1538.8	1507.0	-31.8	-2.1
1936	BN	3950.0	3948.0	-2.0	-0.1
1937	BN	440.9	484.0	43.1	9.8
1938	W	1231.3	1218.0	-13.3	-1.1
1939	D	514.7	554.0	39.3	7.6
1940	AN	4132.5	4151.0	18.5	0.4
1941	W	3653.3	3621.0	-32.3	-0.9
1942	W	4895.9	4883.0	-12.9	-0.3
1943	W	5786.0	5767.0	-19.0	-0.3
1944	D	638.7	674.0	35.3	5.5
1945	BN	918.2	894.0	-24.2	-2.6
1946	BN	2623.2	2587.0	-36.2	-1.4
1947	D	432.4	453.0	20.6	4.8
1948	BN	1130.8	1148.0	17.2	1.5
1949	D	529.5	548.0	18.5	3.5
1950	BN	2983.8	2979.0	-4.8	-0.2
1951	AN	5176.8	5586.0	409.2	7.9
1952	W	4268.0	4235.0	-33.0	-0.8
1953	W	4550.4	4531.0	-19.4	-0.4
1954	AN	1270.2	1265.0	-5.2	-0.4
1955	D	1107.8	1078.0	-29.8	-2.7
1956	W	7388.0	7492.0	104.0	1.4
1957	AN	552.5	587.0	34.5	6.2
1958	W	1531.7	1504.0	-27.7	-1.8
1959	BN	1443.0	1449.0	6.0	0.4
1960	D	737.3	754.0	16.7	2.3
1961	D	298.4	312.0	13.6	4.6
1962	BN	515.0	530.0	15.0	2.9
1963	W	1962.6	1958.0	-4.6	-0.2
1964	D	1184.4	1174.0	-10.4	-0.9
1965	W	7194.7	7303.0	108.3	1.5
1966	BN	1019.3	1014.0	-5.3	-0.5
1967	W	3447.8	3441.0	-6.8	-0.2
1968	BN	1184.7	1180.0	-4.7	-0.4
1969	W	9256.8	9345.0	88.2	1.0
1970	W	10912.0	11218.0	306.0	2.8
1971	W	2627.4	2610.0	-17.4	-0.7
1972	BN	1082.5	1076.0	-6.5	-0.6
1973	AN	4734.9	4761.0	26.1	0.6
1974	W	5825.5	5863.0	37.5	0.6
1975	W	795.3	814.0	18.7	2.4
1976	C	377.7	398.0	20.3	5.4
1977	C	223.5	235.0	11.5	5.1
1978	AN	4689.5	4717.0	27.5	0.6
1979	BN	1178.5	1185.0	6.5	0.6
1980	AN	9009.1	9442.0	432.9	4.8
1981	D	717.8	756.0	38.2	5.3
1982	W	3746.4	3924.0	177.6	4.7
1983	W	2923.9	2941.0	17.1	0.6
1984	W	2778.1	3408.0	629.9	22.7
1985	D	513.1	504.0	-9.1	-1.8
1986	W	2248.0	2252.0	4.0	0.2
1987	D	386.7	432.0	45.3	11.7
1988	C	1212.5	1187.0	-25.5	-2.1
1989	D	655.0	632.0	-23.0	-3.5
1990	C	596.4	652.0	55.6	9.3
1991	C	163.1	182.0	18.9	11.6
1992	C	129.2	161.0	31.8	24.6
1993	AN	3161.9	3149.0	-12.9	-0.4
	Mean:	2270.9	2306.2	35.4	2.5
	Median:	1213.9	1193.5	9.0	0.5
	Min:	129.2	161.0	-36.2	-3.5
	Max:	10912.0	11218.0	629.9	24.6

Upper American River Flow Above Auburn Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3302.2	3176.0	-126.2	-3.8
1923	BN	1872.8	1813.0	-59.8	-3.2
1924	C	1054.9	1076.0	21.1	2.0
1925	D	5651.7	5428.0	-223.7	-4.0
1926	D	2700.4	2691.0	-9.4	-0.3
1927	W	8174.0	7902.0	-272.0	-3.3
1928	AN	1355.3	1276.0	-79.3	-5.9
1929	C	1109.6	1123.0	13.4	1.2
1930	D	1388.4	1373.0	-15.4	-1.1
1931	C	767.4	803.0	35.6	4.6
1932	D	2990.5	2740.0	-250.5	-8.4
1933	C	617.2	660.0	42.8	6.9
1934	C	1456.9	1465.0	8.1	0.6
1935	BN	1755.1	1683.0	-72.1	-4.1
1936	BN	7441.5	6833.0	-608.5	-8.2
1937	BN	2858.7	2810.0	-48.7	-1.7
1938	W	4934.5	4735.0	-199.5	-4.0
1939	D	689.6	740.0	50.4	7.3
1940	AN	6504.5	6044.0	-460.5	-7.1
1941	W	5037.6	4955.0	-82.6	-1.6
1942	W	5798.6	5495.0	-303.6	-5.2
1943	W	3712.0	3424.0	-288.0	-7.8
1944	D	1506.5	1449.0	-57.5	-3.8
1945	BN	4728.2	4633.0	-95.2	-2.0
1946	BN	1484.1	1386.0	-98.1	-6.6
1947	D	1744.9	1726.0	-18.9	-1.1
1948	BN	641.5	603.0	-38.5	-6.0
1949	D	995.7	993.0	-2.7	-0.3
1950	BN	3321.5	3120.0	-201.5	-6.1
1951	AN	4522.8	4931.0	408.2	9.0
1952	W	6688.1	5949.0	-739.1	-11.1
1953	W	1501.7	1377.0	-124.7	-8.3
1954	AN	2344.4	2306.0	-38.4	-1.6
1955	D	990.9	974.0	-16.9	-1.7
1956	W	3380.5	3033.0	-347.5	-10.3
1957	AN	2856.6	2832.0	-24.6	-0.9
1958	W	6156.9	5810.0	-346.9	-5.6
1959	BN	1844.9	1832.0	-12.9	-0.7
1960	D	4192.0	4022.0	-170.0	-4.1
1961	D	1278.0	1280.0	2.0	0.2
1962	BN	4370.5	4341.0	-29.5	-0.7
1963	W	5678.2	5731.0	52.8	0.9
1964	D	1097.0	1058.0	-39.0	-3.6
1965	W	2951.0	3127.0	176.0	6.0
1966	BN	974.7	993.0	18.3	1.9
1967	W	2868.8	2418.0	-450.8	-15.7
1968	BN	4024.9	3903.0	-121.9	-3.0
1969	W	4787.5	4283.0	-504.5	-10.5
1970	W	2799.8	3031.0	231.2	8.3
1971	W	2121.4	1986.0	-135.4	-6.4
1972	BN	1960.1	1868.0	-92.1	-4.7
1973	AN	3388.0	3354.0	-34.0	-1.0
1974	W	2204.8	1864.0	-340.8	-15.5
1975	W	2301.1	2248.0	-53.1	-2.3
1976	C	638.5	680.0	41.5	6.5
1977	C	216.0	264.0	48.0	22.2
1978	AN	3015.2	2783.0	-232.2	-7.7
1979	BN	1619.3	1584.0	-35.3	-2.2
1980	AN	7103.7	6931.0	-172.7	-2.4
1981	D	1082.8	1116.0	33.2	3.1
1982	W	8789.3	7993.0	-796.3	-9.1
1983	W	7085.1	6310.0	-775.1	-10.9
1984	W	2741.2	2952.0	210.8	7.7
1985	D	1168.0	1146.0	-22.0	-1.9
1986	W	16919.1	16899.0	-20.1	-0.1
1987	D	1105.0	1166.0	61.0	5.5
1988	C	767.7	763.0	-4.7	-0.6
1989	D	1109.1	984.0	-125.1	-11.3
1990	C	851.7	896.0	44.3	5.2
1991	C	190.8	230.0	39.2	20.5
1992	C	1582.4	1568.0	-14.4	-0.9
1993	AN	3348.6	2587.0	-761.6	-22.7
	Mean:	3086.3	2966.1	-120.2	-2.1
	Median:	2322.8	2277.0	-43.9	-2.1
	Min:	190.8	230.0	-796.3	-22.7
	Max:	16919.1	16899.0	408.2	22.2

Upper American River Flow Above Auburn Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3114.7	2885.0	-229.7	-7.4
1923	BN	1848.0	1720.0	-128.0	-6.9
1924	C	328.5	503.0	174.5	53.1
1925	D	2625.4	2236.0	-389.4	-14.8
1926	D	1207.0	1218.0	11.0	0.9
1927	W	4143.8	3644.0	-499.8	-12.1
1928	AN	7917.0	8149.0	232.0	2.9
1929	C	1346.2	1348.0	1.8	0.1
1930	D	2668.9	2652.0	-16.9	-0.6
1931	C	1132.1	1227.0	94.9	8.4
1932	D	2576.4	2413.0	-163.4	-6.3
1933	C	1464.5	1455.0	-9.5	-0.6
1934	C	1296.6	1384.0	87.4	6.7
1935	BN	2128.9	1946.0	-182.9	-8.6
1936	BN	3756.4	3301.0	-455.4	-12.1
1937	BN	3032.1	2976.0	-56.1	-1.9
1938	W	7699.2	7350.0	-349.2	-4.5
1939	D	1790.8	1803.0	12.2	0.7
1940	AN	6898.7	6756.0	-142.7	-2.1
1941	W	4062.2	3854.0	-208.2	-5.1
1942	W	2755.2	2260.0	-495.2	-18.0
1943	W	7289.7	7136.0	-153.7	-2.1
1944	D	1973.9	2005.0	31.1	1.6
1945	BN	2224.0	2044.0	-180.0	-8.1
1946	BN	2939.3	2723.0	-216.3	-7.4
1947	D	2516.0	2499.0	-17.0	-0.7
1948	BN	1466.9	1364.0	-102.9	-7.0
1949	D	2928.9	2883.0	-45.9	-1.6
1950	BN	3283.9	2920.0	-363.9	-11.1
1951	AN	3887.5	3961.0	73.5	1.9
1952	W	4763.5	4082.0	-681.5	-14.3
1953	W	2021.3	1818.0	-203.3	-10.1
1954	AN	3779.6	3755.0	-24.6	-0.7
1955	D	1271.2	1249.0	-22.2	-1.7
1956	W	3099.4	2596.0	-503.4	-16.2
1957	AN	3491.1	3395.0	-96.1	-2.8
1958	W	5224.1	4620.0	-604.1	-11.6
1959	BN	1519.4	1527.0	7.6	0.5
1960	D	3313.3	3407.0	93.7	2.8
1961	D	1347.8	1392.0	44.2	3.3
1962	BN	2341.7	2272.0	-69.7	-3.0
1963	W	2165.3	1929.0	-236.3	-10.9
1964	D	973.8	1010.0	36.2	3.7
1965	W	2407.9	1975.0	-432.9	-18.0
1966	BN	1729.1	1723.0	-6.1	-0.4
1967	W	4910.9	4131.0	-779.9	-15.9
1968	BN	2123.4	2159.0	35.6	1.7
1969	W	3768.5	2923.0	-845.5	-22.4
1970	W	2596.5	2632.0	35.5	1.4
1971	W	3629.7	3409.0	-220.7	-6.1
1972	BN	3100.3	3194.0	93.7	3.0
1973	AN	2986.4	2826.0	-160.4	-5.4
1974	W	7003.4	6897.0	-106.4	-1.5
1975	W	3649.2	3496.0	-153.2	-4.2
1976	C	867.0	1008.0	141.0	16.3
1977	C	318.5	476.0	157.5	49.5
1978	AN	4682.2	4297.0	-385.2	-8.2
1979	BN	2734.3	2712.0	-22.3	-0.8
1980	AN	3899.9	3602.0	-297.9	-7.6
1981	D	1747.6	1776.0	28.4	1.6
1982	W	6048.0	6023.0	-25.0	-0.4
1983	W	9927.0	9140.0	-787.0	-7.9
1984	W	3090.3	3034.0	-56.3	-1.8
1985	D	1474.1	1470.0	-4.1	-0.3
1986	W	8441.1	7995.0	-446.1	-5.3
1987	D	1408.1	1491.0	82.9	5.9
1988	C	815.0	944.0	129.0	15.8
1989	D	7060.2	6921.0	-139.2	-2.0
1990	C	1701.0	1728.0	27.0	1.6
1991	C	2648.3	2669.0	20.7	0.8
1992	C	1192.1	1331.0	138.9	11.7
1993	AN	4885.0	4173.0	-712.0	-14.6
	Mean:	3173.0	3025.3	-147.7	-1.9
	Median:	2701.6	2642.0	-63.0	-1.9
	Min:	318.5	476.0	-845.5	-22.4
	Max:	9927.0	9140.0	232.0	53.1

Upper American River Flow Above Auburn Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4372.1	4183.0	-189.1	-4.3
1923	BN	4365.9	4288.0	-77.9	-1.8
1924	C	614.5	764.0	149.5	24.3
1925	D	4221.3	4261.0	39.7	0.9
1926	D	3346.8	3366.0	19.2	0.6
1927	W	6243.0	6118.0	-125.0	-2.0
1928	AN	4128.9	4357.0	228.1	5.5
1929	C	1620.0	1614.0	-6.0	-0.4
1930	D	2013.2	2028.0	14.8	0.7
1931	C	662.0	798.0	136.0	20.5
1932	D	2542.9	2419.0	-123.9	-4.9
1933	C	1766.5	1736.0	-30.5	-1.7
1934	C	1021.7	1111.0	89.3	8.7
1935	BN	6559.5	6452.0	-107.5	-1.6
1936	BN	4487.5	4421.0	-66.5	-1.5
1937	BN	4260.8	4159.0	-101.8	-2.4
1938	W	6502.2	6317.0	-185.2	-2.8
1939	D	1619.0	1665.0	46.0	2.8
1940	AN	4509.9	5086.0	576.1	12.8
1941	W	3747.5	3607.0	-140.5	-3.7
1942	W	5075.6	4890.0	-185.6	-3.7
1943	W	3667.0	4313.0	646.0	17.6
1944	D	1716.9	1695.0	-21.9	-1.3
1945	BN	2862.5	2718.0	-144.5	-5.0
1946	BN	3547.9	3431.0	-116.9	-3.3
1947	D	1814.7	1810.0	-4.7	-0.3
1948	BN	4969.1	4828.0	-141.1	-2.8
1949	D	3564.4	3507.0	-57.4	-1.6
1950	BN	3811.4	3664.0	-147.4	-3.9
1951	AN	3543.5	3617.0	73.5	2.1
1952	W	7455.0	6582.0	-873.0	-11.7
1953	W	3433.8	3286.0	-147.8	-4.3
1954	AN	3936.6	3888.0	-48.6	-1.2
1955	D	1844.1	1843.0	-1.1	-0.1
1956	W	3495.0	3317.0	-178.0	-5.1
1957	AN	1896.0	1857.0	-39.0	-2.1
1958	W	6883.7	6320.0	-563.7	-8.2
1959	BN	1675.1	1688.0	12.9	0.8
1960	D	2159.6	2149.0	-10.6	-0.5
1961	D	1585.6	1623.0	37.4	2.4
1962	BN	3789.5	3717.0	-72.5	-1.9
1963	W	6074.9	6138.0	63.1	1.0
1964	D	2161.9	2110.0	-51.9	-2.4
1965	W	5424.0	5259.0	-165.0	-3.0
1966	BN	2415.9	2402.0	-13.9	-0.6
1967	W	4241.0	3350.0	-891.0	-21.0
1968	BN	1738.7	1700.0	-38.7	-2.2
1969	W	5634.0	5254.0	-380.0	-6.7
1970	W	1558.3	1397.0	-161.3	-10.4
1971	W	3173.1	2994.0	-179.1	-5.6
1972	BN	2431.1	2334.0	-97.1	-4.0
1973	AN	2868.4	2732.0	-136.4	-4.8
1974	W	5553.2	5392.0	-161.2	-2.9
1975	W	2747.6	2582.0	-165.6	-6.0
1976	C	801.0	920.0	119.0	14.9
1977	C	306.9	471.0	164.1	53.5
1978	AN	3774.5	3809.0	34.5	0.9
1979	BN	2509.0	2431.0	-78.0	-3.1
1980	AN	3260.0	3183.0	-77.0	-2.4
1981	D	1536.4	1571.0	34.6	2.3
1982	W	9962.9	10086.0	123.1	1.2
1983	W	6062.0	5493.0	-569.0	-9.4
1984	W	2460.1	2438.0	-22.1	-0.9
1985	D	2505.2	2470.0	-35.2	-1.4
1986	W	2880.2	3294.0	413.8	14.4
1987	D	1192.0	1276.0	84.0	7.0
1988	C	784.1	922.0	137.9	17.6
1989	D	4059.4	3771.0	-288.4	-7.1
1990	C	1340.7	1380.0	39.3	2.9
1991	C	2014.2	2010.0	-4.2	-0.2
1992	C	1101.5	1207.0	105.5	9.6
1993	AN	3878.0	3583.0	-295.0	-7.6
	Mean:	3302.5	3242.4	-60.1	0.5
	Median:	3216.5	3234.5	-43.8	-1.6
	Min:	306.9	471.0	-891.0	-21.0
	Max:	9962.9	10086.0	646.0	53.5

Upper American River Flow Above Auburn Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7594.0	7402.0	-192.0	-2.5
1923	BN	3740.7	4116.0	375.3	10.0
1924	C	337.9	446.0	108.1	32.0
1925	D	4139.9	3919.0	-220.9	-5.3
1926	D	840.9	865.0	24.1	2.9
1927	W	3895.0	4361.0	466.0	12.0
1928	AN	2434.1	2428.0	-6.1	-0.3
1929	C	1268.9	1302.0	33.1	2.6
1930	D	1677.6	1398.0	-279.6	-16.7
1931	C	606.9	683.0	76.1	12.5
1932	D	4326.5	4060.0	-266.5	-6.2
1933	C	2153.9	2150.0	-3.9	-0.2
1934	C	539.6	616.0	76.4	14.2
1935	BN	3902.0	3685.0	-217.0	-5.6
1936	BN	3097.2	3881.0	783.8	25.3
1937	BN	3229.6	3560.0	330.4	10.2
1938	W	7451.0	7648.0	197.0	2.6
1939	D	804.0	837.0	33.0	4.1
1940	AN	3364.0	3240.0	-124.0	-3.7
1941	W	4344.0	4414.0	70.0	1.6
1942	W	5568.0	5679.0	111.0	2.0
1943	W	3184.0	2979.0	-205.0	-6.4
1944	D	1912.8	1968.0	55.2	2.9
1945	BN	3476.7	3476.0	-0.7	0.0
1946	BN	3313.5	3623.0	309.5	9.3
1947	D	961.2	1012.0	50.8	5.3
1948	BN	4672.6	3914.0	-758.6	-16.2
1949	D	2638.1	2830.0	191.9	7.3
1950	BN	3496.0	4172.0	676.0	19.3
1951	AN	3602.6	3230.0	-372.6	-10.3
1952	W	7887.0	9070.0	1183.0	15.0
1953	W	4018.0	3701.0	-317.0	-7.9
1954	AN	2030.8	2101.0	70.2	3.5
1955	D	2432.2	2441.0	8.8	0.4
1956	W	5711.6	5819.0	107.4	1.9
1957	AN	4177.0	4239.0	62.0	1.5
1958	W	7210.0	7928.0	718.0	10.0
1959	BN	1054.0	1074.0	20.0	1.9
1960	D	1707.2	1768.0	60.8	3.6
1961	D	1636.4	1633.0	-3.4	-0.2
1962	BN	2366.4	2429.0	62.6	2.6
1963	W	6194.6	6221.0	26.4	0.4
1964	D	2461.7	2422.0	-39.7	-1.6
1965	W	3590.4	3492.0	-98.4	-2.7
1966	BN	1146.2	1140.0	-6.2	-0.5
1967	W	6484.0	6805.0	321.0	5.0
1968	BN	1479.7	1292.0	-187.7	-12.7
1969	W	6473.8	7531.0	1057.2	16.3
1970	W	2380.2	2196.0	-184.2	-7.7
1971	W	3972.0	3899.0	-73.0	-1.8
1972	BN	2292.3	2290.0	-2.3	-0.1
1973	AN	3819.5	3993.0	173.5	4.5
1974	W	3930.0	4355.0	425.0	10.8
1975	W	5170.0	4549.0	-621.0	-12.0
1976	C	668.6	743.0	74.4	11.1
1977	C	458.1	594.0	135.9	29.7
1978	AN	3897.0	3449.0	-448.0	-11.5
1979	BN	3718.1	3961.0	242.9	6.5
1980	AN	3323.3	3085.0	-238.3	-7.2
1981	D	889.5	912.0	22.5	2.5
1982	W	7064.9	6815.0	-249.9	-3.5
1983	W	7090.8	7964.0	873.2	12.3
1984	W	3505.1	3069.0	-436.1	-12.4
1985	D	1267.8	1257.0	-10.8	-0.9
1986	W	2780.5	2780.0	-0.5	0.0
1987	D	681.4	733.0	51.6	7.6
1988	C	665.9	739.0	73.1	11.0
1989	D	2302.5	2088.0	-214.5	-9.3
1990	C	828.3	872.0	43.7	5.3
1991	C	1775.1	1777.0	1.9	0.1
1992	C	457.6	523.0	65.4	14.3
1993	AN	4349.7	4853.0	503.3	11.6
	Mean:	3165.6	3229.1	63.5	2.8
	Median:	3206.8	3077.0	33.1	2.0
	Min:	337.9	446.0	-758.6	-16.7
	Max:	7887.0	9070.0	1183.0	32.0

Upper American River Flow Above Auburn Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4926.4	5467.0	540.6	11.0
1923	BN	2178.0	1940.0	-238.0	-10.9
1924	C	149.6	304.0	154.4	103.2
1925	D	1660.8	1553.0	-107.8	-6.5
1926	D	549.1	688.0	138.9	25.3
1927	W	2685.7	2945.0	259.3	9.7
1928	AN	1120.6	836.0	-284.6	-25.4
1929	C	916.6	1221.0	304.4	33.2
1930	D	1069.9	944.0	-125.9	-11.8
1931	C	294.7	478.0	183.3	62.2
1932	D	2434.3	2715.0	280.7	11.5
1933	C	1698.1	1889.0	190.9	11.2
1934	C	360.7	716.0	355.3	98.5
1935	BN	2232.0	2198.0	-34.0	-1.5
1936	BN	2235.1	2447.0	211.9	9.5
1937	BN	1958.0	1541.0	-417.0	-21.3
1938	W	4418.4	5007.0	588.6	13.3
1939	D	473.0	789.0	316.0	66.8
1940	AN	1522.0	1334.0	-188.0	-12.4
1941	W	1979.0	2023.0	44.0	2.2
1942	W	3576.5	4357.0	780.5	21.8
1943	W	2173.0	2036.0	-137.0	-6.3
1944	D	1352.7	1283.0	-69.7	-5.2
1945	BN	1833.0	1776.0	-57.0	-3.1
1946	BN	1594.0	1440.0	-154.0	-9.7
1947	D	881.0	965.0	84.0	9.5
1948	BN	2341.0	2991.0	650.0	27.8
1949	D	1612.0	1238.0	-374.0	-23.2
1950	BN	2193.2	2242.0	48.8	2.2
1951	AN	1684.5	1312.0	-372.5	-22.1
1952	W	5223.3	5981.0	757.7	14.5
1953	W	3249.0	3819.0	570.0	17.5
1954	AN	1276.7	1084.0	-192.7	-15.1
1955	D	1466.0	1428.0	-38.0	-2.6
1956	W	3044.2	3026.0	-18.2	-0.6
1957	AN	2169.0	1947.0	-222.0	-10.2
1958	W	3831.6	4507.0	675.4	17.6
1959	BN	652.0	940.0	288.0	44.2
1960	D	1307.2	1139.0	-168.2	-12.9
1961	D	853.5	1173.0	319.5	37.4
1962	BN	1934.0	1708.0	-226.0	-11.7
1963	W	2276.0	2211.0	-65.0	-2.9
1964	D	1782.0	1614.0	-168.0	-9.4
1965	W	2165.0	2223.0	58.0	2.7
1966	BN	676.2	732.0	55.8	8.3
1967	W	5059.8	6408.0	1348.2	26.6
1968	BN	945.5	894.0	-51.5	-5.4
1969	W	2982.0	3318.0	336.0	11.3
1970	W	1607.8	1175.0	-432.8	-26.9
1971	W	2776.0	3111.0	335.0	12.1
1972	BN	1425.1	1146.0	-279.1	-19.6
1973	AN	1760.0	1432.0	-328.0	-18.6
1974	W	2299.3	2407.0	107.7	4.7
1975	W	3112.0	3695.0	583.0	18.7
1976	C	184.6	361.0	176.4	95.6
1977	C	197.0	398.0	201.0	102.0
1978	AN	2641.1	2329.0	-312.1	-11.8
1979	BN	1604.5	1192.0	-412.5	-25.7
1980	AN	2012.0	2039.0	27.0	1.3
1981	D	405.3	695.0	289.7	71.5
1982	W	3204.6	3191.0	-13.6	-0.4
1983	W	7275.3	8130.0	854.7	11.7
1984	W	1741.0	1451.0	-290.0	-16.7
1985	D	966.8	872.0	-94.8	-9.8
1986	W	1633.5	1359.0	-274.5	-16.8
1987	D	320.9	691.0	370.1	115.3
1988	C	377.1	753.0	375.9	99.7
1989	D	1504.6	1054.0	-450.6	-29.9
1990	C	1046.0	1238.0	192.0	18.4
1991	C	1131.1	1263.0	131.9	11.7
1992	C	171.1	559.0	387.9	226.7
1993	AN	2695.3	3039.0	343.7	12.8
	Mean:	1904.0	2005.7	101.7	15.2
	Median:	1691.3	1445.5	56.9	3.7
	Min:	149.6	304.0	-450.6	-29.9
	Max:	7275.3	8130.0	1348.2	226.7

Upper American River Flow Above Auburn Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1194.7	1205.0	10.3	0.9
1923	BN	1224.0	1234.0	10.0	0.8
1924	C	158.7	268.0	109.3	68.9
1925	D	906.0	760.0	-146.0	-16.1
1926	D	754.5	909.0	154.5	20.5
1927	W	948.0	961.0	13.0	1.4
1928	AN	904.3	959.0	54.7	6.0
1929	C	764.8	1003.0	238.2	31.1
1930	D	828.9	914.0	85.1	10.3
1931	C	376.6	451.0	74.4	19.8
1932	D	1109.0	970.0	-139.0	-12.5
1933	C	858.1	1016.0	157.9	18.4
1934	C	567.2	672.0	104.8	18.5
1935	BN	1072.3	964.0	-108.3	-10.1
1936	BN	1059.0	1071.0	12.0	1.1
1937	BN	1068.1	1078.0	9.9	0.9
1938	W	1474.0	1486.0	12.0	0.8
1939	D	570.2	622.0	51.8	9.1
1940	AN	966.1	977.0	10.9	1.1
1941	W	1118.7	1128.0	9.3	0.8
1942	W	1341.0	1361.0	20.0	1.5
1943	W	1127.6	1138.0	10.4	0.9
1944	D	912.7	1016.0	103.3	11.3
1945	BN	1046.3	1055.0	8.7	0.8
1946	BN	1010.4	1021.0	10.6	1.0
1947	D	800.5	949.0	148.5	18.6
1948	BN	1083.0	1094.0	11.0	1.0
1949	D	950.5	972.0	21.5	2.3
1950	BN	1078.8	1089.0	10.2	0.9
1951	AN	1025.1	1053.0	27.9	2.7
1952	W	2153.0	2180.0	27.0	1.3
1953	W	1688.0	1707.0	19.0	1.1
1954	AN	979.1	1057.0	77.9	8.0
1955	D	887.8	998.0	110.2	12.4
1956	W	1321.0	1333.0	12.0	0.9
1957	AN	1095.2	1106.0	10.8	1.0
1958	W	1231.0	1249.0	18.0	1.5
1959	BN	621.3	860.0	238.7	38.4
1960	D	814.9	901.0	86.1	10.6
1961	D	457.6	670.0	212.4	46.4
1962	BN	949.8	912.0	-37.8	-4.0
1963	W	1142.9	1153.0	10.1	0.9
1964	D	849.6	932.0	82.4	9.7
1965	W	1172.6	1182.0	9.4	0.8
1966	BN	663.2	782.0	118.8	17.9
1967	W	1732.0	1745.0	13.0	0.8
1968	BN	715.4	813.0	97.6	13.6
1969	W	1159.5	1172.0	12.5	1.1
1970	W	1036.6	1047.0	10.4	1.0
1971	W	1281.9	1293.0	11.1	0.9
1972	BN	865.1	917.0	51.9	6.0
1973	AN	900.9	910.0	9.1	1.0
1974	W	1504.0	1526.0	22.0	1.5
1975	W	1232.2	1242.0	9.8	0.8
1976	C	232.1	273.0	40.9	17.6
1977	C	158.7	270.0	111.3	70.1
1978	AN	1084.9	948.0	-136.9	-12.6
1979	BN	979.7	996.0	16.3	1.7
1980	AN	1123.0	1137.0	14.0	1.2
1981	D	580.3	743.0	162.7	28.0
1982	W	1431.0	1441.0	10.0	0.7
1983	W	2673.0	2522.0	-151.0	-5.6
1984	W	1040.2	1050.0	9.8	0.9
1985	D	788.8	896.0	107.2	13.6
1986	W	985.8	997.0	11.2	1.1
1987	D	393.9	445.0	51.1	13.0
1988	C	338.0	486.0	148.0	43.8
1989	D	966.8	790.0	-176.8	-18.3
1990	C	714.4	876.0	161.6	22.6
1991	C	877.3	1019.0	141.7	16.2
1992	C	335.6	431.0	95.4	28.4
1993	AN	2316.5	2329.0	12.5	0.5
	Mean:	996.9	1037.9	41.1	8.5
	Median:	979.4	1000.5	17.2	1.4
	Min:	158.7	268.0	-176.8	-18.3
	Max:	2673.0	2522.0	238.7	70.1

Upper American River Flow Above Auburn Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	749.6	861.0	111.4	14.9
1923	BN	783.5	889.0	105.5	13.5
1924	C	294.5	271.0	-23.5	-8.0
1925	D	822.0	682.0	-140.0	-17.0
1926	D	701.0	653.0	-48.0	-6.8
1927	W	851.8	931.0	79.2	9.3
1928	AN	770.1	913.0	142.9	18.6
1929	C	673.9	359.0	-314.9	-46.7
1930	D	809.8	961.0	151.2	18.7
1931	C	529.1	379.0	-150.1	-28.4
1932	D	869.7	829.0	-40.7	-4.7
1933	C	757.6	733.0	-24.6	-3.2
1934	C	729.7	351.0	-378.7	-51.9
1935	BN	848.0	956.0	108.0	12.7
1936	BN	892.8	974.0	81.2	9.1
1937	BN	849.6	967.0	117.4	13.8
1938	W	958.1	1045.0	86.9	9.1
1939	D	708.6	306.0	-402.6	-56.8
1940	AN	846.7	964.0	117.3	13.9
1941	W	881.8	998.0	116.2	13.2
1942	W	952.1	1017.0	64.9	6.8
1943	W	878.4	993.0	114.6	13.0
1944	D	783.1	946.0	162.9	20.8
1945	BN	827.9	943.0	115.1	13.9
1946	BN	830.5	943.0	112.5	13.5
1947	D	725.9	575.0	-150.9	-20.8
1948	BN	837.4	952.0	114.6	13.7
1949	D	788.6	931.0	142.4	18.1
1950	BN	858.3	943.0	84.7	9.9
1951	AN	840.4	987.0	146.6	17.4
1952	W	1139.3	1201.0	61.7	5.4
1953	W	953.5	1053.0	99.5	10.4
1954	AN	777.8	924.0	146.2	18.8
1955	D	771.3	926.0	154.7	20.1
1956	W	902.5	987.0	84.5	9.4
1957	AN	796.6	921.0	124.4	15.6
1958	W	911.1	983.0	71.9	7.9
1959	BN	637.9	347.0	-290.9	-45.6
1960	D	648.0	803.0	155.0	23.9
1961	D	593.1	212.0	-381.1	-64.3
1962	BN	695.1	809.0	113.9	16.4
1963	W	832.6	941.0	108.4	13.0
1964	D	708.5	880.0	171.5	24.2
1965	W	852.1	947.0	94.9	11.1
1966	BN	610.8	577.0	-33.8	-5.5
1967	W	957.9	1024.0	66.1	6.9
1968	BN	732.0	903.0	171.0	23.4
1969	W	844.8	928.0	83.2	9.8
1970	W	734.7	878.0	143.3	19.5
1971	W	825.6	910.0	84.4	10.2
1972	BN	643.2	787.0	143.8	22.4
1973	AN	767.2	907.0	139.8	18.2
1974	W	927.3	996.0	68.7	7.4
1975	W	843.5	968.0	124.5	14.8
1976	C	312.2	249.0	-63.2	-20.2
1977	C	152.9	270.0	117.1	76.6
1978	AN	758.2	634.0	-124.2	-16.4
1979	BN	697.7	852.0	154.3	22.1
1980	AN	860.5	935.0	74.5	8.7
1981	D	636.0	281.0	-355.0	-55.8
1982	W	951.5	1024.0	72.5	7.6
1983	W	1232.9	1271.0	38.1	3.1
1984	W	797.3	916.0	118.7	14.9
1985	D	701.4	833.0	131.6	18.8
1986	W	774.6	912.0	137.4	17.7
1987	D	623.2	243.0	-380.2	-61.0
1988	C	567.7	247.0	-320.7	-56.5
1989	D	741.5	885.0	143.5	19.4
1990	C	753.0	511.0	-242.0	-32.1
1991	C	734.1	723.0	-11.1	-1.5
1992	C	551.5	235.0	-316.5	-57.4
1993	AN	732.9	801.0	68.1	9.3
	Mean:	768.6	790.1	21.5	1.7
	Median:	780.5	911.0	85.8	10.1
	Min:	152.9	212.0	-402.6	-64.3
	Max:	1232.9	1271.0	171.5	76.6

Upper American River Flow Above Auburn Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	731.7	767.0	35.3	4.8
1923	BN	892.9	920.0	27.1	3.0
1924	C	346.2	280.0	-66.2	-19.1
1925	D	908.0	824.0	-84.0	-9.3
1926	D	536.5	324.0	-212.5	-39.6
1927	W	948.0	899.0	-49.0	-5.2
1928	AN	573.1	601.0	27.9	4.9
1929	C	498.4	307.0	-191.4	-38.4
1930	D	621.5	871.0	249.5	40.1
1931	C	419.6	404.0	-15.6	-3.7
1932	D	875.0	825.0	-50.0	-5.7
1933	C	549.8	328.0	-221.8	-40.3
1934	C	481.3	372.0	-109.3	-22.7
1935	BN	804.3	862.0	57.7	7.2
1936	BN	921.0	874.0	-47.0	-5.1
1937	BN	726.7	857.0	130.3	17.9
1938	W	974.0	931.0	-43.0	-4.4
1939	D	439.3	324.0	-115.3	-26.2
1940	AN	760.0	873.0	113.0	14.9
1941	W	836.0	903.0	67.0	8.0
1942	W	972.0	929.0	-43.0	-4.4
1943	W	881.3	919.0	37.7	4.3
1944	D	563.9	480.0	-83.9	-14.9
1945	BN	772.3	851.0	78.7	10.2
1946	BN	775.2	865.0	89.8	11.6
1947	D	523.2	302.0	-221.2	-42.3
1948	BN	805.2	857.0	51.8	6.4
1949	D	638.1	839.0	200.9	31.5
1950	BN	893.8	862.0	-31.8	-3.6
1951	AN	680.5	799.0	118.5	17.4
1952	W	934.4	910.0	-24.4	-2.6
1953	W	873.4	870.0	-3.4	-0.4
1954	AN	582.6	657.0	74.4	12.8
1955	D	556.4	483.0	-73.4	-13.2
1956	W	858.0	815.0	-43.0	-5.0
1957	AN	650.9	792.0	141.1	21.7
1958	W	917.0	872.0	-45.0	-4.9
1959	BN	502.1	348.0	-154.1	-30.7
1960	D	509.1	614.0	104.9	20.6
1961	D	374.3	229.0	-145.3	-38.8
1962	BN	690.5	759.0	68.5	9.9
1963	W	839.7	903.0	63.3	7.5
1964	D	495.8	456.0	-39.8	-8.0
1965	W	812.3	781.0	-31.3	-3.9
1966	BN	415.3	225.0	-190.3	-45.8
1967	W	900.9	939.0	38.1	4.2
1968	BN	451.0	574.0	123.0	27.3
1969	W	843.8	798.0	-45.8	-5.4
1970	W	647.3	799.0	151.7	23.4
1971	W	843.8	806.0	-37.8	-4.5
1972	BN	499.2	746.0	246.8	49.4
1973	AN	760.4	945.0	184.6	24.3
1974	W	877.9	828.0	-49.9	-5.7
1975	W	736.7	816.0	79.3	10.8
1976	C	305.2	248.0	-57.2	-18.7
1977	C	149.6	239.0	89.4	59.8
1978	AN	849.1	662.0	-187.1	-22.0
1979	BN	586.2	783.0	196.8	33.6
1980	AN	840.8	801.0	-39.8	-4.7
1981	D	400.6	204.0	-196.6	-49.1
1982	W	1025.8	1010.0	-15.8	-1.5
1983	W	982.3	1026.0	43.7	4.4
1984	W	717.4	825.0	107.6	15.0
1985	D	528.7	326.0	-202.7	-38.3
1986	W	825.9	995.0	169.1	20.5
1987	D	503.4	416.0	-87.4	-17.4
1988	C	399.6	294.0	-105.6	-26.4
1989	D	644.5	865.0	220.5	34.2
1990	C	491.7	265.0	-226.7	-46.1
1991	C	433.1	244.0	-189.1	-43.7
1992	C	329.4	232.0	-97.4	-29.6
1993	AN	807.4	831.0	23.6	2.9
	Mean:	677.0	670.6	-6.4	-2.6
	Median:	703.9	799.0	-27.9	-3.7
	Min:	149.6	204.0	-226.7	-49.1
	Max:	1025.8	1026.0	249.5	59.8

Upper American River Flow Below Auburn Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	324.3	419.3	95.0	29.3
1923	BN	788.9	686.5	-102.3	-13.0
1924	C	814.6	697.1	-117.5	-14.4
1925	D	351.2	359.3	8.1	2.3
1926	D	873.9	709.7	-164.2	-18.8
1927	W	454.3	361.7	-92.6	-20.4
1928	AN	866.8	692.4	-174.4	-20.1
1929	C	491.9	279.2	-212.7	-43.2
1930	D	417.6	306.1	-111.5	-26.7
1931	C	520.2	339.1	-181.2	-34.8
1932	D	288.6	343.4	54.8	19.0
1933	C	807.8	615.3	-192.5	-23.8
1934	C	509.6	418.8	-90.8	-17.8
1935	BN	337.9	296.1	-41.8	-12.4
1936	BN	794.1	733.9	-60.2	-7.6
1937	BN	811.8	634.5	-177.3	-21.8
1938	W	688.0	686.5	-1.5	-0.2
1939	D	955.4	794.7	-160.7	-16.8
1940	AN	422.2	439.5	17.3	4.1
1941	W	686.6	612.1	-74.5	-10.9
1942	W	783.8	700.5	-83.2	-10.6
1943	W	880.9	687.8	-193.1	-21.9
1944	D	828.4	724.2	-104.2	-12.6
1945	BN	466.6	327.1	-139.5	-29.9
1946	BN	847.5	859.0	11.6	1.4
1947	D	712.7	664.5	-48.2	-6.8
1948	BN	583.6	639.5	56.0	9.6
1949	D	768.5	668.6	-100.0	-13.0
1950	BN	552.3	371.3	-180.9	-32.8
1951	AN	1061.9	947.3	-114.6	-10.8
1952	W	684.5	476.6	-207.9	-30.4
1953	W	844.0	663.5	-180.5	-21.4
1954	AN	803.7	654.8	-148.9	-18.5
1955	D	469.2	282.3	-186.9	-39.8
1956	W	415.8	265.7	-150.1	-36.1
1957	AN	934.2	783.0	-151.2	-16.2
1958	W	668.0	622.1	-45.9	-6.9
1959	BN	808.7	627.3	-181.5	-22.4
1960	D	333.8	269.4	-64.4	-19.3
1961	D	413.2	241.7	-171.5	-41.5
1962	BN	269.6	207.1	-62.4	-23.1
1963	W	4201.6	4240.7	39.1	0.9
1964	D	878.7	794.8	-83.9	-9.5
1965	W	444.4	278.4	-166.0	-37.4
1966	BN	816.7	647.2	-169.5	-20.8
1967	W	303.0	255.7	-47.3	-15.6
1968	BN	688.5	511.3	-177.1	-25.7
1969	W	407.9	278.0	-129.9	-31.8
1970	W	878.6	729.9	-148.6	-16.9
1971	W	511.2	380.3	-131.0	-25.6
1972	BN	793.3	618.7	-174.7	-22.0
1973	AN	525.4	348.2	-177.2	-33.7
1974	W	696.4	670.4	-26.0	-3.7
1975	W	810.0	638.8	-171.2	-21.1
1976	C	1001.9	1009.1	7.2	0.7
1977	C	249.9	200.5	-49.4	-19.8
1978	AN	94.5	162.0	67.5	71.4
1979	BN	713.5	534.4	-179.1	-25.1
1980	AN	548.6	605.8	57.2	10.4
1981	D	776.6	606.6	-170.0	-21.9
1982	W	434.0	421.8	-12.2	-2.8
1983	W	1542.8	1560.1	17.2	1.1
1984	W	1325.2	1422.2	97.0	7.3
1985	D	735.8	721.7	-14.1	-1.9
1986	W	406.9	278.4	-128.5	-31.6
1987	D	698.4	695.7	-2.7	-0.4
1988	C	180.4	165.3	-15.1	-8.4
1989	D	214.7	206.2	-8.5	-4.0
1990	C	612.2	665.5	53.2	8.7
1991	C	265.6	160.1	-105.5	-39.7
1992	C	312.5	253.9	-58.6	-18.8
1993	AN	240.2	208.7	-31.5	-13.1
	Mean:	675.6	588.6	-87.0	-13.9
	Median:	685.6	609.4	-101.2	-16.9
	Min:	94.5	160.1	-212.7	-43.2
	Max:	4201.6	4240.7	97.0	71.4

Upper American River Flow Below Auburn Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	532.3	480.5	-51.8	-9.7
1923	BN	688.5	840.1	151.7	22.0
1924	C	362.0	369.2	7.3	2.0
1925	D	501.5	561.7	60.2	12.0
1926	D	521.1	762.1	241.1	46.3
1927	W	1941.8	2049.7	107.9	5.6
1928	AN	1094.3	1247.5	153.3	14.0
1929	C	407.8	344.6	-63.2	-15.5
1930	D	230.3	148.6	-81.7	-35.5
1931	C	479.7	438.3	-41.4	-8.6
1932	D	439.7	419.8	-19.9	-4.5
1933	C	384.4	556.0	171.6	44.6
1934	C	378.3	352.6	-25.7	-6.8
1935	BN	619.6	679.7	60.2	9.7
1936	BN	463.4	590.8	127.4	27.5
1937	BN	381.6	410.6	29.0	7.6
1938	W	747.4	695.1	-52.3	-7.0
1939	D	574.3	682.0	107.7	18.8
1940	AN	285.4	213.6	-71.8	-25.2
1941	W	644.3	558.5	-85.8	-13.3
1942	W	503.3	672.1	168.9	33.6
1943	W	1804.3	1852.5	48.2	2.7
1944	D	445.0	398.1	-46.9	-10.5
1945	BN	1113.5	1216.2	102.7	9.2
1946	BN	1430.2	1603.5	173.3	12.1
1947	D	1065.7	1042.5	-23.2	-2.2
1948	BN	479.3	466.2	-13.0	-2.7
1949	D	477.0	652.5	175.5	36.8
1950	BN	378.0	317.4	-60.5	-16.0
1951	AN	7235.2	7335.1	99.9	1.4
1952	W	1145.3	1156.5	11.2	1.0
1953	W	789.2	699.1	-90.1	-11.4
1954	AN	690.6	953.5	263.0	38.1
1955	D	448.2	385.8	-62.4	-13.9
1956	W	383.4	325.2	-58.2	-15.2
1957	AN	410.5	493.6	83.1	20.2
1958	W	388.1	344.3	-43.8	-11.3
1959	BN	592.4	592.6	0.2	0.0
1960	D	233.5	138.6	-94.9	-40.6
1961	D	507.6	492.3	-15.4	-3.0
1962	BN	208.8	163.4	-45.4	-21.7
1963	W	811.2	786.8	-24.4	-3.0
1964	D	1945.7	1985.5	39.9	2.1
1965	W	737.1	722.4	-14.7	-2.0
1966	BN	923.1	995.5	72.5	7.9
1967	W	798.2	906.8	108.7	13.6
1968	BN	722.2	712.5	-9.7	-1.3
1969	W	771.3	869.8	98.5	12.8
1970	W	598.8	620.1	21.4	3.6
1971	W	1605.7	1711.8	106.1	6.6
1972	BN	555.0	731.5	176.5	31.8
1973	AN	887.4	953.7	66.3	7.5
1974	W	4289.8	4109.5	-180.3	-4.2
1975	W	430.8	454.5	23.7	5.5
1976	C	823.4	967.7	144.3	17.5
1977	C	169.6	117.9	-51.7	-30.5
1978	AN	220.6	180.7	-39.9	-18.1
1979	BN	501.3	822.5	321.2	64.1
1980	AN	582.5	598.1	15.6	2.7
1981	D	494.3	542.6	48.3	9.8
1982	W	4107.6	4863.5	756.0	18.4
1983	W	2503.2	2615.5	112.4	4.5
1984	W	5817.5	5618.5	-199.0	-3.4
1985	D	1621.9	1722.8	100.9	6.2
1986	W	655.5	677.8	22.3	3.4
1987	D	286.8	145.0	-141.7	-49.4
1988	C	164.5	118.8	-45.7	-27.8
1989	D	831.6	933.6	102.0	12.3
1990	C	475.9	468.1	-7.8	-1.6
1991	C	184.8	97.6	-87.2	-47.2
1992	C	239.0	195.6	-43.4	-18.2
1993	AN	263.3	205.6	-57.7	-21.9
	Mean:	936.5	974.4	37.9	1.3
	Median:	543.6	636.3	13.4	1.7
	Min:	164.5	97.6	-199.0	-49.4
	Max:	7235.2	7335.1	756.0	64.1

Upper American River Flow Below Auburn Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1300.5	1350.2	49.7	3.8
1923	BN	3595.8	3589.2	-6.6	-0.2
1924	C	340.2	330.2	-10.0	-2.9
1925	D	784.1	872.7	88.6	11.3
1926	D	457.1	592.6	135.4	29.6
1927	W	1470.2	1537.0	66.8	4.5
1928	AN	1215.5	1159.2	-56.3	-4.6
1929	C	491.8	470.2	-21.5	-4.4
1930	D	1760.7	1859.9	99.2	5.6
1931	C	292.3	267.2	-25.1	-8.6
1932	D	1719.9	1732.9	12.9	0.8
1933	C	373.0	481.1	108.1	29.0
1934	C	1133.9	1202.9	69.1	6.1
1935	BN	594.5	611.0	16.5	2.8
1936	BN	456.7	441.2	-15.6	-3.4
1937	BN	358.6	335.6	-23.0	-6.4
1938	W	4192.8	4112.2	-80.6	-1.9
1939	D	526.3	522.2	-4.1	-0.8
1940	AN	319.9	338.2	18.2	5.7
1941	W	2719.8	2813.2	93.5	3.4
1942	W	3262.1	3274.2	12.1	0.4
1943	W	2641.6	2677.2	35.7	1.4
1944	D	410.8	397.2	-13.5	-3.3
1945	BN	1185.5	1246.2	60.7	5.1
1946	BN	4873.0	4863.2	-9.8	-0.2
1947	D	850.6	914.2	63.6	7.5
1948	BN	341.1	310.2	-30.9	-9.1
1949	D	718.9	716.6	-2.3	-0.3
1950	BN	352.1	336.2	-15.9	-4.5
1951	AN	8966.5	8599.2	-367.4	-4.1
1952	W	3021.2	3098.2	77.0	2.5
1953	W	1124.1	1299.2	175.2	15.6
1954	AN	714.2	766.2	52.0	7.3
1955	D	1226.5	1270.2	43.7	3.6
1956	W	9505.1	10299.2	794.1	8.4
1957	AN	469.3	452.2	-17.1	-3.6
1958	W	950.4	1044.2	93.8	9.9
1959	BN	280.1	275.2	-4.9	-1.7
1960	D	281.0	237.2	-43.8	-15.6
1961	D	622.7	625.6	2.9	0.5
1962	BN	558.4	577.1	18.8	3.4
1963	W	1949.1	1938.2	-10.9	-0.6
1964	D	759.5	790.2	30.7	4.0
1965	W	11436.9	11839.2	402.3	3.5
1966	BN	698.7	683.2	-15.5	-2.2
1967	W	2740.4	2726.2	-14.2	-0.5
1968	BN	711.8	871.6	159.8	22.4
1969	W	1149.1	1208.2	59.2	5.2
1970	W	3399.6	3415.2	15.6	0.5
1971	W	3069.3	3109.2	39.9	1.3
1972	BN	1140.3	1180.6	40.3	3.5
1973	AN	2129.9	2118.6	-11.3	-0.5
1974	W	3857.4	3960.2	102.8	2.7
1975	W	563.1	603.2	40.1	7.1
1976	C	595.0	646.2	51.2	8.6
1977	C	124.0	70.8	-53.2	-42.9
1978	AN	1792.3	1490.7	-301.6	-16.8
1979	BN	306.6	458.2	151.7	49.5
1980	AN	886.9	951.2	64.3	7.3
1981	D	403.3	405.2	1.9	0.5
1982	W	7553.0	7378.2	-174.8	-2.3
1983	W	4311.0	4461.2	150.3	3.5
1984	W	7956.8	7849.2	-107.6	-1.4
1985	D	939.5	936.6	-2.9	-0.3
1986	W	1307.0	1294.2	-12.8	-1.0
1987	D	235.2	208.2	-26.9	-11.4
1988	C	650.1	741.0	90.9	14.0
1989	D	501.5	563.9	62.4	12.4
1990	C	279.8	275.6	-4.2	-1.5
1991	C	151.3	101.9	-49.4	-32.6
1992	C	181.1	190.1	9.0	5.0
1993	AN	555.2	654.9	99.7	18.0
	Mean:	1788.8	1819.7	30.9	2.1
	Median:	817.4	893.5	14.3	1.1
	Min:	124.0	70.8	-367.4	-42.9
	Max:	11436.9	11839.2	794.1	49.5

Upper American River Flow Below Auburn Dam

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	956.3	939.7	-16.6	-1.7
1923	BN	2251.8	2206.7	-45.0	-2.0
1924	C	381.0	406.7	25.7	6.7
1925	D	567.5	550.7	-16.8	-3.0
1926	D	463.3	493.7	30.4	6.6
1927	W	1876.4	1835.7	-40.7	-2.2
1928	AN	1000.5	971.7	-28.8	-2.9
1929	C	390.6	407.7	17.1	4.4
1930	D	1195.1	1162.7	-32.4	-2.7
1931	C	569.9	578.7	8.8	1.5
1932	D	1598.3	1549.7	-48.5	-3.0
1933	C	507.4	539.7	32.3	6.4
1934	C	1304.8	1267.7	-37.1	-2.8
1935	BN	1518.6	1469.7	-48.9	-3.2
1936	BN	3929.8	3910.7	-19.1	-0.5
1937	BN	420.7	446.7	26.0	6.2
1938	W	1211.1	1180.7	-30.4	-2.5
1939	D	494.5	516.7	22.2	4.5
1940	AN	4112.2	4113.7	1.5	0.0
1941	W	3633.1	3583.7	-49.3	-1.4
1942	W	4875.7	4845.7	-30.0	-0.6
1943	W	5765.8	5729.7	-36.0	-0.6
1944	D	618.5	636.7	18.2	2.9
1945	BN	898.0	856.7	-41.3	-4.6
1946	BN	2603.0	2549.7	-53.3	-2.0
1947	D	412.2	415.7	3.5	0.8
1948	BN	1110.6	1110.7	0.2	0.0
1949	D	509.3	510.7	1.4	0.3
1950	BN	2963.6	2941.7	-21.8	-0.7
1951	AN	5156.6	5548.7	392.2	7.6
1952	W	4247.8	4197.7	-50.1	-1.2
1953	W	4530.2	4493.7	-36.5	-0.8
1954	AN	1250.0	1227.7	-22.3	-1.8
1955	D	1087.6	1040.7	-46.9	-4.3
1956	W	7367.8	7454.7	86.9	1.2
1957	AN	532.3	549.7	17.4	3.3
1958	W	1511.5	1466.7	-44.8	-3.0
1959	BN	1422.8	1411.7	-11.1	-0.8
1960	D	717.0	716.7	-0.3	0.0
1961	D	278.1	274.7	-3.4	-1.2
1962	BN	494.8	492.7	-2.1	-0.4
1963	W	1942.3	1920.7	-21.6	-1.1
1964	D	1164.2	1136.7	-27.5	-2.4
1965	W	7174.5	7265.7	91.3	1.3
1966	BN	999.1	976.7	-22.4	-2.2
1967	W	3427.6	3403.7	-23.8	-0.7
1968	BN	1164.5	1142.7	-21.8	-1.9
1969	W	9236.6	9307.7	71.1	0.8
1970	W	10891.7	11180.7	289.0	2.7
1971	W	2607.1	2572.7	-34.4	-1.3
1972	BN	1062.3	1038.7	-23.6	-2.2
1973	AN	4714.6	4723.7	9.1	0.2
1974	W	5805.3	5825.7	20.4	0.4
1975	W	775.1	776.7	1.6	0.2
1976	C	357.5	360.7	3.2	0.9
1977	C	203.3	197.7	-5.6	-2.8
1978	AN	4669.3	4679.7	10.4	0.2
1979	BN	1158.3	1147.7	-10.5	-0.9
1980	AN	8988.9	9404.7	415.8	4.6
1981	D	697.6	718.7	21.1	3.0
1982	W	3726.2	3886.7	160.5	4.3
1983	W	2903.7	2903.7	0.1	0.0
1984	W	2757.9	3370.7	612.8	22.2
1985	D	492.9	466.7	-26.2	-5.3
1986	W	2227.8	2214.7	-13.1	-0.6
1987	D	366.4	394.7	28.3	7.7
1988	C	1192.2	1149.7	-42.5	-3.6
1989	D	634.8	594.7	-40.1	-6.3
1990	C	576.2	614.7	38.5	6.7
1991	C	142.9	144.7	1.8	1.3
1992	C	109.0	123.7	14.7	13.5
1993	AN	3141.7	3111.7	-30.0	-1.0
	Mean:	2250.7	2269.0	18.3	0.6
	Median:	1193.7	1156.2	-8.1	-0.6
	Min:	109.0	123.7	-53.3	-6.3
	Max:	10891.7	11180.7	612.8	22.2

Upper American River Flow Below Auburn Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3277.2	3130.6	-146.6	-4.5
1923	BN	1847.8	1770.1	-77.7	-4.2
1924	C	1030.7	1034.6	3.9	0.4
1925	D	5626.4	5385.8	-240.6	-4.3
1926	D	2675.3	2648.1	-27.2	-1.0
1927	W	8148.8	7859.1	-289.7	-3.6
1928	AN	1331.1	1234.6	-96.5	-7.2
1929	C	1084.5	1080.1	-4.4	-0.4
1930	D	1363.2	1327.6	-35.5	-2.6
1931	C	742.3	760.1	17.9	2.4
1932	D	2966.1	2698.6	-267.5	-9.0
1933	C	592.0	617.1	25.1	4.2
1934	C	1431.7	1422.1	-9.5	-0.7
1935	BN	1729.9	1640.1	-89.8	-5.2
1936	BN	7417.2	6791.6	-625.6	-8.4
1937	BN	2833.5	2767.1	-66.4	-2.3
1938	W	4909.3	4692.1	-217.2	-4.4
1939	D	664.6	694.6	30.0	4.5
1940	AN	6480.3	6000.2	-480.1	-7.4
1941	W	5012.6	4912.1	-100.4	-2.0
1942	W	5773.6	5452.1	-321.5	-5.6
1943	W	3687.0	3381.1	-305.9	-8.3
1944	D	1482.4	1407.6	-74.8	-5.0
1945	BN	4703.1	4590.1	-112.9	-2.4
1946	BN	1459.1	1343.1	-116.0	-7.9
1947	D	1719.9	1683.1	-36.8	-2.1
1948	BN	617.2	561.4	-55.8	-9.0
1949	D	970.7	950.1	-20.6	-2.1
1950	BN	3296.5	3077.1	-219.3	-6.7
1951	AN	4497.7	4888.1	390.5	8.7
1952	W	6664.0	5907.6	-756.4	-11.4
1953	W	1476.7	1334.1	-142.5	-9.7
1954	AN	2319.4	2263.1	-56.3	-2.4
1955	D	965.9	931.1	-34.7	-3.6
1956	W	3356.2	2991.6	-364.6	-10.9
1957	AN	2831.5	2789.1	-42.4	-1.5
1958	W	6131.9	5767.1	-364.7	-5.9
1959	BN	1819.9	1789.1	-30.8	-1.7
1960	D	4167.9	3980.6	-187.3	-4.5
1961	D	1252.9	1237.1	-15.7	-1.3
1962	BN	4345.5	4298.1	-47.3	-1.1
1963	W	5653.2	5688.1	34.9	0.6
1964	D	1072.8	1016.6	-56.2	-5.2
1965	W	2925.9	3084.1	158.3	5.4
1966	BN	949.7	950.1	0.4	0.0
1967	W	2843.8	2375.1	-468.7	-16.5
1968	BN	4000.7	3861.6	-139.1	-3.5
1969	W	4762.5	4240.1	-522.4	-11.0
1970	W	2774.8	2988.1	213.3	7.7
1971	W	2096.4	1940.6	-155.8	-7.4
1972	BN	1935.9	1826.6	-109.3	-5.6
1973	AN	3363.0	3311.1	-51.9	-1.5
1974	W	2179.8	1821.1	-358.7	-16.5
1975	W	2276.1	2202.6	-73.5	-3.2
1976	C	614.3	636.2	21.9	3.6
1977	C	190.7	218.6	28.0	14.7
1978	AN	2989.9	2740.8	-249.1	-8.3
1979	BN	1594.3	1541.1	-53.1	-3.3
1980	AN	7079.5	6889.6	-189.9	-2.7
1981	D	1057.8	1073.1	15.3	1.4
1982	W	8764.3	7950.1	-814.2	-9.3
1983	W	7060.1	6267.1	-792.9	-11.2
1984	W	2717.1	2910.6	193.5	7.1
1985	D	1143.0	1103.1	-39.8	-3.5
1986	W	16894.1	16853.6	-40.5	-0.2
1987	D	1080.0	1120.6	40.6	3.8
1988	C	743.4	721.6	-21.8	-2.9
1989	D	1083.9	941.1	-142.8	-13.2
1990	C	826.5	853.1	26.6	3.2
1991	C	166.1	187.0	21.0	12.6
1992	C	1558.1	1526.6	-31.5	-2.0
1993	AN	3323.5	2544.1	-779.4	-23.5
	Mean:	3061.5	2923.3	-138.2	-3.3
	Median:	2297.8	2232.9	-61.4	-3.3
	Min:	166.1	187.0	-814.2	-23.5
	Max:	16894.1	16853.6	390.5	14.7

Upper American River Flow Below Auburn Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3080.3	2832.1	-248.1	-8.1
1923	BN	1813.3	1667.1	-146.2	-8.1
1924	C	293.9	450.7	156.8	53.4
1925	D	2590.7	2183.1	-407.6	-15.7
1926	D	1172.4	1165.1	-7.2	-0.6
1927	W	4109.9	3591.1	-518.7	-12.6
1928	AN	7882.3	8096.1	213.8	2.7
1929	C	1311.5	1295.1	-16.4	-1.3
1930	D	2634.2	2599.1	-35.1	-1.3
1931	C	1098.6	1174.1	75.5	6.9
1932	D	2541.7	2360.1	-181.6	-7.1
1933	C	1429.8	1402.1	-27.7	-1.9
1934	C	1262.0	1331.1	69.2	5.5
1935	BN	2094.3	1893.1	-201.1	-9.6
1936	BN	3721.8	3248.1	-473.6	-12.7
1937	BN	2997.5	2923.1	-74.3	-2.5
1938	W	7664.8	7297.1	-367.6	-4.8
1939	D	1758.2	1750.1	-8.1	-0.5
1940	AN	6864.6	6703.1	-161.5	-2.4
1941	W	4028.1	3801.1	-227.0	-5.6
1942	W	2721.1	2207.1	-514.0	-18.9
1943	W	7255.3	7083.1	-172.1	-2.4
1944	D	1939.2	1952.1	12.9	0.7
1945	BN	2189.5	1991.1	-198.3	-9.1
1946	BN	2905.2	2670.1	-235.1	-8.1
1947	D	2481.4	2446.1	-35.2	-1.4
1948	BN	1432.4	1311.1	-121.2	-8.5
1949	D	2894.3	2830.1	-64.2	-2.2
1950	BN	3249.3	2867.1	-382.1	-11.8
1951	AN	3852.9	3908.1	55.2	1.4
1952	W	4729.4	4029.1	-700.2	-14.8
1953	W	1986.6	1765.1	-221.5	-11.1
1954	AN	3745.5	3702.1	-43.4	-1.2
1955	D	1236.6	1196.1	-40.5	-3.3
1956	W	3064.7	2543.1	-521.6	-17.0
1957	AN	3457.0	3342.1	-114.8	-3.3
1958	W	5190.0	4567.1	-622.8	-12.0
1959	BN	1484.8	1474.1	-10.6	-0.7
1960	D	3279.1	3354.1	75.1	2.3
1961	D	1313.2	1339.1	25.9	2.0
1962	BN	2307.4	2219.1	-88.3	-3.8
1963	W	2131.2	1876.1	-255.0	-12.0
1964	D	939.2	957.1	18.0	1.9
1965	W	2373.2	1922.1	-451.1	-19.0
1966	BN	1694.5	1670.1	-24.3	-1.4
1967	W	4876.5	4078.1	-798.4	-16.4
1968	BN	2089.0	2106.1	17.2	0.8
1969	W	3735.9	2870.1	-865.7	-23.2
1970	W	2564.4	2579.1	14.8	0.6
1971	W	3595.0	3356.1	-238.9	-6.6
1972	BN	3065.7	3141.1	75.4	2.5
1973	AN	2952.3	2773.1	-179.1	-6.1
1974	W	6969.3	6844.1	-125.2	-1.8
1975	W	3615.1	3443.1	-171.9	-4.8
1976	C	832.4	955.1	122.8	14.8
1977	C	283.9	423.1	139.3	49.1
1978	AN	4648.1	4244.1	-404.0	-8.7
1979	BN	2699.8	2659.1	-40.7	-1.5
1980	AN	3865.8	3549.1	-316.6	-8.2
1981	D	1713.5	1723.1	9.6	0.6
1982	W	6013.9	5970.1	-43.7	-0.7
1983	W	9892.9	9087.1	-805.7	-8.1
1984	W	3055.6	2981.1	-74.5	-2.4
1985	D	1439.4	1417.1	-22.3	-1.5
1986	W	8406.5	7942.1	-464.4	-5.5
1987	D	1373.4	1438.1	64.7	4.7
1988	C	780.4	891.1	110.8	14.2
1989	D	7025.6	6868.1	-157.4	-2.2
1990	C	1666.3	1675.1	8.8	0.5
1991	C	2613.7	2616.1	2.5	0.1
1992	C	1157.4	1278.1	120.7	10.4
1993	AN	4850.6	4120.1	-730.4	-15.1
	Mean:	3138.7	2972.5	-166.2	-2.7
	Median:	2667.0	2589.1	-81.4	-2.4
	Min:	283.9	423.1	-865.7	-23.2
	Max:	9892.9	9087.1	213.8	53.4

Upper American River Flow Below Auburn Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4342.3	4128.4	-213.9	-4.9
1923	BN	4336.0	4233.4	-102.7	-2.4
1924	C	584.7	709.4	124.7	21.3
1925	D	4191.5	4206.4	14.9	0.4
1926	D	3316.9	3311.4	-5.6	-0.2
1927	W	6213.2	6063.4	-149.8	-2.4
1928	AN	4099.1	4302.4	203.3	5.0
1929	C	1590.2	1559.4	-30.8	-1.9
1930	D	1983.4	1973.4	-10.0	-0.5
1931	C	632.2	743.4	111.2	17.6
1932	D	2513.1	2364.4	-148.7	-5.9
1933	C	1736.7	1681.4	-55.3	-3.2
1934	C	991.9	1056.4	64.5	6.5
1935	BN	6529.6	6398.2	-131.4	-2.0
1936	BN	4457.6	4366.4	-91.3	-2.0
1937	BN	4230.9	4104.4	-126.5	-3.0
1938	W	6472.4	6262.4	-210.0	-3.2
1939	D	1589.2	1610.4	21.2	1.3
1940	AN	4480.1	5031.4	551.3	12.3
1941	W	3717.7	3552.4	-165.3	-4.4
1942	W	5045.8	4835.6	-210.2	-4.2
1943	W	3637.2	4258.4	621.2	17.1
1944	D	1687.0	1640.4	-46.7	-2.8
1945	BN	2832.7	2663.4	-169.3	-6.0
1946	BN	3518.0	3376.4	-141.7	-4.0
1947	D	1784.9	1755.4	-29.5	-1.7
1948	BN	4939.3	4773.4	-165.9	-3.4
1949	D	3534.6	3452.4	-82.2	-2.3
1950	BN	3781.6	3609.4	-172.2	-4.6
1951	AN	3513.7	3562.4	48.7	1.4
1952	W	7425.2	6527.4	-897.8	-12.1
1953	W	3404.0	3231.4	-172.6	-5.1
1954	AN	3906.7	3833.4	-73.4	-1.9
1955	D	1814.3	1788.4	-25.9	-1.4
1956	W	3465.2	3262.4	-202.8	-5.9
1957	AN	1866.2	1802.4	-63.8	-3.4
1958	W	6853.9	6265.4	-588.5	-8.6
1959	BN	1645.3	1633.4	-11.9	-0.7
1960	D	2129.8	2094.4	-35.4	-1.7
1961	D	1555.8	1568.4	12.6	0.8
1962	BN	3759.6	3662.4	-97.3	-2.6
1963	W	6045.1	6083.4	38.3	0.6
1964	D	2132.1	2055.4	-76.7	-3.6
1965	W	5394.2	5204.4	-189.8	-3.5
1966	BN	2386.0	2347.4	-38.7	-1.6
1967	W	4211.2	3295.4	-915.8	-21.7
1968	BN	1708.9	1645.4	-63.5	-3.7
1969	W	5604.2	5199.4	-404.8	-7.2
1970	W	1528.5	1342.4	-186.1	-12.2
1971	W	3143.2	2939.4	-203.8	-6.5
1972	BN	2401.3	2279.4	-121.9	-5.1
1973	AN	2838.5	2677.4	-161.1	-5.7
1974	W	5523.4	5337.4	-186.0	-3.4
1975	W	2717.7	2527.4	-190.4	-7.0
1976	C	771.2	865.4	94.2	12.2
1977	C	277.1	416.4	139.3	50.3
1978	AN	3744.6	3754.4	9.7	0.3
1979	BN	2479.1	2376.4	-102.7	-4.1
1980	AN	3230.2	3128.4	-101.8	-3.2
1981	D	1506.6	1516.4	9.8	0.7
1982	W	9933.1	10032.3	99.3	1.0
1983	W	6032.2	5438.4	-593.8	-9.8
1984	W	2430.3	2383.4	-46.9	-1.9
1985	D	2475.4	2415.4	-60.0	-2.4
1986	W	2850.4	3239.4	389.0	13.6
1987	D	1162.2	1221.4	59.2	5.1
1988	C	754.3	867.4	113.1	15.0
1989	D	4029.6	3716.4	-313.2	-7.8
1990	C	1310.8	1325.4	14.5	1.1
1991	C	1984.4	1955.4	-29.0	-1.5
1992	C	1071.6	1152.4	80.7	7.5
1993	AN	3848.2	3528.4	-319.8	-8.3
	Mean:	3272.7	3187.8	-84.9	-0.5
	Median:	3186.7	3179.9	-68.6	-2.4
	Min:	277.1	416.4	-915.8	-21.7
	Max:	9933.1	10032.3	621.2	50.3

Upper American River Flow Below Auburn Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7539.1	7313.3	-225.8	-3.0
1923	BN	3685.8	4027.3	341.5	9.3
1924	C	283.1	357.3	74.3	26.2
1925	D	4085.1	3830.3	-254.7	-6.2
1926	D	786.1	776.3	-9.8	-1.2
1927	W	3840.1	4272.3	432.2	11.3
1928	AN	2379.2	2339.3	-39.9	-1.7
1929	C	1214.0	1213.3	-0.7	-0.1
1930	D	1622.8	1309.3	-313.5	-19.3
1931	C	552.0	594.3	42.3	7.7
1932	D	4271.6	3971.3	-300.3	-7.0
1933	C	2099.0	2061.3	-37.7	-1.8
1934	C	484.7	527.3	42.6	8.8
1935	BN	3847.2	3596.3	-250.9	-6.5
1936	BN	3042.4	3792.3	750.0	24.7
1937	BN	3174.7	3471.3	296.6	9.3
1938	W	7396.1	7559.3	163.2	2.2
1939	D	749.2	748.3	-0.9	-0.1
1940	AN	3309.1	3151.3	-157.8	-4.8
1941	W	4289.1	4325.3	36.2	0.8
1942	W	5513.1	5590.3	77.2	1.4
1943	W	3129.1	2890.3	-238.8	-7.6
1944	D	1857.9	1879.3	21.4	1.2
1945	BN	3421.8	3387.3	-34.5	-1.0
1946	BN	3258.7	3534.3	275.7	8.5
1947	D	906.3	923.3	17.0	1.9
1948	BN	4617.8	3825.3	-792.4	-17.2
1949	D	2583.2	2741.3	158.1	6.1
1950	BN	3441.1	4083.3	642.2	18.7
1951	AN	3547.7	3141.3	-406.4	-11.5
1952	W	7832.2	8981.3	1149.2	14.7
1953	W	3963.1	3612.3	-350.8	-8.9
1954	AN	1976.0	2012.3	36.4	1.8
1955	D	2377.4	2352.3	-25.0	-1.1
1956	W	5656.7	5730.3	73.6	1.3
1957	AN	4122.1	4150.3	28.2	0.7
1958	W	7155.1	7839.3	684.2	9.6
1959	BN	999.2	985.3	-13.9	-1.4
1960	D	1652.4	1679.3	27.0	1.6
1961	D	1581.5	1544.3	-37.2	-2.4
1962	BN	2311.6	2340.3	28.7	1.2
1963	W	6139.7	6132.3	-7.4	-0.1
1964	D	2406.9	2333.3	-73.6	-3.1
1965	W	3535.6	3403.3	-132.2	-3.7
1966	BN	1091.3	1051.3	-40.0	-3.7
1967	W	6429.1	6716.3	287.2	4.5
1968	BN	1424.9	1203.3	-221.5	-15.5
1969	W	6418.9	7442.3	1023.4	15.9
1970	W	2325.4	2107.3	-218.1	-9.4
1971	W	3917.1	3810.3	-106.8	-2.7
1972	BN	2237.4	2201.3	-36.1	-1.6
1973	AN	3764.7	3904.3	139.7	3.7
1974	W	3875.1	4266.3	391.2	10.1
1975	W	5115.1	4460.3	-654.8	-12.8
1976	C	613.8	654.3	40.6	6.6
1977	C	403.3	505.3	102.1	25.3
1978	AN	3842.2	3360.3	-481.9	-12.5
1979	BN	3663.3	3872.3	209.1	5.7
1980	AN	3268.4	2996.3	-272.1	-8.3
1981	D	834.7	823.3	-11.4	-1.4
1982	W	7010.0	6726.3	-283.7	-4.0
1983	W	7036.0	7875.3	839.4	11.9
1984	W	3450.3	2980.3	-469.9	-13.6
1985	D	1212.9	1168.3	-44.6	-3.7
1986	W	2725.7	2691.3	-34.4	-1.3
1987	D	626.5	644.3	17.8	2.8
1988	C	611.1	650.3	39.3	6.4
1989	D	2247.7	1999.3	-248.3	-11.0
1990	C	773.4	783.3	9.9	1.3
1991	C	1720.2	1688.3	-31.9	-1.9
1992	C	402.8	434.3	31.6	7.8
1993	AN	4294.9	4764.3	469.5	10.9
	Mean:	3110.7	3140.4	29.7	1.0
	Median:	3151.9	2988.3	-0.8	-0.1
	Min:	283.1	357.3	-792.4	-19.3
	Max:	7832.2	8981.3	1149.2	26.2

Upper American River Flow Below Auburn Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4851.8	5335.3	483.5	10.0
1923	BN	2103.4	1808.3	-295.1	-14.0
1924	C	75.0	172.3	97.3	129.7
1925	D	1586.2	1421.3	-165.0	-10.4
1926	D	474.5	556.3	81.8	17.2
1927	W	2611.1	2813.3	202.2	7.7
1928	AN	1046.1	704.3	-341.8	-32.7
1929	C	842.1	1089.3	247.2	29.4
1930	D	995.3	812.3	-183.1	-18.4
1931	C	220.1	346.3	126.2	57.3
1932	D	2359.7	2583.3	223.6	9.5
1933	C	1623.5	1757.3	133.8	8.2
1934	C	286.1	584.3	298.2	104.2
1935	BN	2157.4	2066.3	-91.1	-4.2
1936	BN	2160.5	2315.3	154.8	7.2
1937	BN	1883.4	1409.3	-474.1	-25.2
1938	W	4343.9	4875.3	531.4	12.2
1939	D	398.4	657.3	258.8	65.0
1940	AN	1447.4	1202.3	-245.1	-16.9
1941	W	1904.4	1891.3	-13.1	-0.7
1942	W	3501.9	4225.3	723.3	20.7
1943	W	2098.4	1904.3	-194.1	-9.2
1944	D	1278.1	1151.3	-126.8	-9.9
1945	BN	1758.4	1644.3	-114.1	-6.5
1946	BN	1519.4	1308.3	-211.1	-13.9
1947	D	806.5	833.3	26.8	3.3
1948	BN	2266.4	2859.3	592.9	26.2
1949	D	1537.4	1106.3	-431.2	-28.0
1950	BN	2118.6	2110.3	-8.4	-0.4
1951	AN	1609.9	1180.3	-429.6	-26.7
1952	W	5148.7	5849.3	700.6	13.6
1953	W	3174.4	3687.3	512.9	16.2
1954	AN	1202.2	952.3	-249.9	-20.8
1955	D	1391.4	1296.3	-95.1	-6.8
1956	W	2969.6	2894.3	-75.4	-2.5
1957	AN	2094.4	1815.3	-279.1	-13.3
1958	W	3757.0	4375.3	618.3	16.5
1959	BN	577.5	808.3	230.8	40.0
1960	D	1232.7	1007.3	-225.4	-18.3
1961	D	778.9	1041.3	262.3	33.7
1962	BN	1859.4	1576.3	-283.1	-15.2
1963	W	2201.4	2079.3	-122.1	-5.5
1964	D	1707.4	1482.3	-225.1	-13.2
1965	W	2090.4	2091.3	0.9	0.0
1966	BN	601.6	600.3	-1.3	-0.2
1967	W	4985.3	6276.3	1291.0	25.9
1968	BN	870.9	762.3	-108.6	-12.5
1969	W	2907.4	3186.3	278.9	9.6
1970	W	1533.2	1043.3	-489.9	-32.0
1971	W	2701.4	2979.3	277.9	10.3
1972	BN	1350.5	1014.3	-336.2	-24.9
1973	AN	1685.4	1300.3	-385.1	-22.8
1974	W	2224.7	2275.3	50.6	2.3
1975	W	3037.4	3563.3	525.9	17.3
1976	C	110.0	229.3	119.3	108.4
1977	C	122.4	266.3	143.9	117.5
1978	AN	2566.5	2197.3	-369.2	-14.4
1979	BN	1529.9	1060.3	-469.6	-30.7
1980	AN	1937.4	1907.3	-30.2	-1.6
1981	D	330.8	563.3	232.5	70.3
1982	W	3130.0	3059.3	-70.8	-2.3
1983	W	7200.8	7998.3	797.5	11.1
1984	W	1666.4	1319.3	-347.1	-20.8
1985	D	892.2	740.3	-152.0	-17.0
1986	W	1558.9	1227.3	-331.6	-21.3
1987	D	246.3	559.3	313.0	127.1
1988	C	302.6	621.3	318.7	105.3
1989	D	1430.0	922.3	-507.7	-35.5
1990	C	971.5	1106.3	134.8	13.9
1991	C	1056.6	1131.3	74.7	7.1
1992	C	96.5	427.3	330.7	342.5
1993	AN	2620.7	2907.3	286.6	10.9
	Mean:	1829.4	1873.9	44.5	14.7
	Median:	1616.7	1313.8	-0.2	-0.1
	Min:	75.0	172.3	-507.7	-35.5
	Max:	7200.8	7998.3	1291.0	342.5

Upper American River Flow Below Auburn Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1111.0	1053.9	-57.0	-5.1
1923	BN	1140.3	1082.9	-57.3	-5.0
1924	C	75.0	116.9	41.9	55.9
1925	D	822.3	608.9	-213.3	-25.9
1926	D	670.8	757.9	87.2	13.0
1927	W	864.3	809.9	-54.3	-6.3
1928	AN	820.5	807.9	-12.6	-1.5
1929	C	681.1	851.9	170.9	25.1
1930	D	745.1	762.9	17.8	2.4
1931	C	292.9	299.9	7.0	2.4
1932	D	1025.3	818.9	-206.3	-20.1
1933	C	774.4	864.9	90.6	11.7
1934	C	483.5	520.9	37.4	7.7
1935	BN	988.6	812.9	-175.6	-17.8
1936	BN	975.3	919.9	-55.3	-5.7
1937	BN	984.4	926.9	-57.4	-5.8
1938	W	1390.3	1334.9	-55.3	-4.0
1939	D	486.5	470.9	-15.6	-3.2
1940	AN	882.4	825.9	-56.4	-6.4
1941	W	1035.0	976.9	-58.0	-5.6
1942	W	1257.3	1209.9	-47.3	-3.8
1943	W	1043.9	986.9	-56.9	-5.5
1944	D	829.0	864.9	35.9	4.3
1945	BN	962.6	903.9	-58.6	-6.1
1946	BN	926.7	869.9	-56.7	-6.1
1947	D	716.8	797.9	81.2	11.3
1948	BN	999.3	942.9	-56.3	-5.6
1949	D	866.8	820.9	-45.8	-5.3
1950	BN	995.1	937.9	-57.1	-5.7
1951	AN	941.4	901.9	-39.5	-4.2
1952	W	2069.3	2028.9	-40.3	-1.9
1953	W	1604.3	1555.9	-48.3	-3.0
1954	AN	895.4	905.9	10.6	1.2
1955	D	804.1	846.9	42.9	5.3
1956	W	1237.3	1181.9	-55.3	-4.5
1957	AN	1011.5	954.9	-56.5	-5.6
1958	W	1147.3	1097.9	-49.3	-4.3
1959	BN	537.5	708.9	171.4	31.9
1960	D	731.2	749.9	18.8	2.6
1961	D	373.9	518.9	145.1	38.8
1962	BN	866.1	760.9	-105.1	-12.1
1963	W	1059.2	1001.9	-57.2	-5.4
1964	D	765.9	780.9	15.0	2.0
1965	W	1088.9	1030.9	-57.9	-5.3
1966	BN	579.5	630.9	51.4	8.9
1967	W	1648.3	1593.9	-54.3	-3.3
1968	BN	631.6	661.9	30.3	4.8
1969	W	1075.8	1020.9	-54.8	-5.1
1970	W	952.9	895.9	-56.9	-6.0
1971	W	1198.2	1141.9	-56.2	-4.7
1972	BN	781.4	765.9	-15.5	-2.0
1973	AN	817.2	758.9	-58.2	-7.1
1974	W	1420.3	1374.9	-45.3	-3.2
1975	W	1148.5	1090.9	-57.5	-5.0
1976	C	148.4	121.9	-26.4	-17.8
1977	C	75.0	118.9	43.9	58.5
1978	AN	1001.2	796.9	-204.2	-20.4
1979	BN	895.9	844.9	-51.0	-5.7
1980	AN	1039.3	985.9	-53.3	-5.1
1981	D	496.6	591.9	95.4	19.2
1982	W	1347.3	1289.9	-57.3	-4.3
1983	W	2589.2	2370.9	-218.3	-8.4
1984	W	956.5	898.9	-57.5	-6.0
1985	D	705.1	744.9	39.8	5.6
1986	W	902.1	845.9	-56.1	-6.2
1987	D	310.2	293.9	-16.2	-5.2
1988	C	254.3	334.9	80.7	31.7
1989	D	883.1	638.9	-244.1	-27.6
1990	C	630.6	724.9	94.3	15.0
1991	C	793.6	867.9	74.4	9.4
1992	C	251.9	279.9	28.1	11.2
1993	AN	2232.7	2177.9	-54.8	-2.5
	Mean:	913.1	886.9	-26.2	0.5
	Median:	895.7	849.4	-50.2	-4.3
	Min:	75.0	116.9	-244.1	-27.6
	Max:	2589.2	2370.9	171.4	58.5

Upper American River Flow Below Auburn Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	671.6	712.5	40.8	6.1
1923	BN	705.5	740.5	34.9	4.9
1924	C	216.5	122.5	-94.1	-43.5
1925	D	744.1	533.5	-210.6	-28.3
1926	D	623.0	504.5	-118.6	-19.0
1927	W	773.9	782.5	8.6	1.1
1928	AN	692.2	764.5	72.3	10.4
1929	C	595.9	210.5	-385.5	-64.7
1930	D	731.9	812.5	80.6	11.0
1931	C	451.1	230.5	-220.7	-48.9
1932	D	791.8	680.5	-111.3	-14.1
1933	C	679.7	584.5	-95.2	-14.0
1934	C	651.7	202.5	-449.3	-68.9
1935	BN	770.1	807.5	37.4	4.9
1936	BN	814.8	825.5	10.7	1.3
1937	BN	771.7	818.5	46.8	6.1
1938	W	880.2	896.5	16.3	1.9
1939	D	630.7	157.5	-473.2	-75.0
1940	AN	768.8	815.5	46.7	6.1
1941	W	803.9	849.5	45.6	5.7
1942	W	874.2	868.5	-5.7	-0.7
1943	W	800.4	844.5	44.0	5.5
1944	D	705.2	797.5	92.3	13.1
1945	BN	749.9	794.5	44.5	5.9
1946	BN	752.6	794.5	41.9	5.6
1947	D	648.0	426.5	-221.5	-34.2
1948	BN	759.4	803.5	44.0	5.8
1949	D	710.7	782.5	71.8	10.1
1950	BN	780.3	794.5	14.1	1.8
1951	AN	762.4	838.5	76.0	10.0
1952	W	1061.4	1052.5	-8.9	-0.8
1953	W	875.9	904.5	28.5	3.3
1954	AN	699.9	775.5	75.6	10.8
1955	D	693.4	777.5	84.1	12.1
1956	W	824.5	838.5	13.9	1.7
1957	AN	718.6	772.5	53.8	7.5
1958	W	833.2	834.5	1.3	0.2
1959	BN	560.2	198.5	-361.8	-64.6
1960	D	570.1	654.5	84.4	14.8
1961	D	515.2	63.5	-451.7	-87.7
1962	BN	617.2	660.5	43.3	7.0
1963	W	754.6	792.5	37.8	5.0
1964	D	630.5	731.5	100.9	16.0
1965	W	774.7	798.5	23.8	3.1
1966	BN	533.5	428.5	-105.0	-19.7
1967	W	879.9	875.5	-4.5	-0.5
1968	BN	654.2	754.5	100.3	15.3
1969	W	766.9	779.5	12.6	1.6
1970	W	656.7	729.5	72.7	11.1
1971	W	747.8	761.5	13.7	1.8
1972	BN	565.3	638.5	73.2	13.0
1973	AN	689.2	758.5	69.3	10.1
1974	W	849.3	847.5	-1.9	-0.2
1975	W	765.5	819.5	54.0	7.1
1976	C	234.3	100.5	-133.8	-57.1
1977	C	75.0	121.5	46.5	62.0
1978	AN	680.3	485.5	-194.8	-28.6
1979	BN	619.7	703.5	83.7	13.5
1980	AN	782.6	786.5	3.9	0.5
1981	D	558.0	132.5	-425.6	-76.3
1982	W	873.5	875.5	1.9	0.2
1983	W	1155.0	1122.5	-32.5	-2.8
1984	W	719.9	767.5	47.6	6.6
1985	D	623.5	684.5	61.0	9.8
1986	W	696.6	763.5	66.8	9.6
1987	D	545.3	94.5	-450.8	-82.7
1988	C	489.8	98.5	-391.3	-79.9
1989	D	663.6	736.5	72.9	11.0
1990	C	675.1	362.5	-312.6	-46.3
1991	C	656.2	574.5	-81.7	-12.5
1992	C	473.5	86.5	-387.1	-81.7
1993	AN	654.9	652.5	-2.5	-0.4
	Mean:	690.7	641.6	-49.1	-9.5
	Median:	702.5	762.5	15.2	1.9
	Min:	75.0	63.5	-473.2	-87.7
	Max:	1155.0	1122.5	100.9	62.0

Upper American River Flow Below Auburn Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	661.1	633.4	-27.6	-4.2
1923	BN	823.6	799.5	-24.1	-2.9
1924	C	271.6	144.5	-127.1	-46.8
1925	D	833.4	688.5	-144.9	-17.4
1926	D	461.9	188.5	-273.4	-59.2
1927	W	873.4	764.4	-109.0	-12.5
1928	AN	500.6	468.4	-32.3	-6.5
1929	C	423.8	171.5	-252.3	-59.5
1930	D	547.0	735.5	188.6	34.5
1931	C	345.0	268.5	-76.5	-22.2
1932	D	800.4	689.5	-110.9	-13.9
1933	C	475.2	192.5	-282.7	-59.5
1934	C	406.7	236.5	-170.2	-41.8
1935	BN	729.8	726.5	-3.2	-0.4
1936	BN	846.4	738.5	-107.9	-12.7
1937	BN	652.1	721.5	69.4	10.6
1938	W	903.7	801.7	-102.0	-11.3
1939	D	364.8	194.9	-169.9	-46.6
1940	AN	689.6	741.5	51.9	7.5
1941	W	764.4	767.5	3.1	0.4
1942	W	900.6	793.5	-107.1	-11.9
1943	W	810.6	785.1	-25.5	-3.1
1944	D	489.3	344.5	-144.8	-29.6
1945	BN	697.8	715.5	17.7	2.5
1946	BN	705.3	739.3	34.1	4.8
1947	D	448.6	166.5	-282.1	-62.9
1948	BN	733.7	721.5	-12.2	-1.7
1949	D	566.9	709.4	142.5	25.1
1950	BN	819.3	726.5	-92.8	-11.3
1951	AN	610.1	667.6	57.5	9.4
1952	W	864.3	782.1	-82.2	-9.5
1953	W	802.9	737.8	-65.1	-8.1
1954	AN	508.0	522.9	14.8	2.9
1955	D	481.8	347.5	-134.3	-27.9
1956	W	783.4	694.0	-89.5	-11.4
1957	AN	581.5	659.7	78.2	13.4
1958	W	846.0	736.5	-109.5	-12.9
1959	BN	427.5	239.5	-188.0	-44.0
1960	D	434.6	478.5	43.9	10.1
1961	D	300.4	93.5	-206.8	-68.9
1962	BN	620.1	627.6	7.6	1.2
1963	W	768.6	767.5	-1.1	-0.1
1964	D	421.3	324.0	-97.3	-23.1
1965	W	741.7	648.5	-93.3	-12.6
1966	BN	345.4	99.8	-245.7	-71.1
1967	W	829.7	803.5	-26.2	-3.2
1968	BN	376.4	442.5	66.1	17.6
1969	W	773.4	667.0	-106.4	-13.8
1970	W	577.0	669.9	92.9	16.1
1971	W	773.6	670.5	-103.1	-13.3
1972	BN	430.2	630.7	200.5	46.6
1973	AN	685.8	819.2	133.4	19.5
1974	W	807.0	692.5	-114.5	-14.2
1975	W	662.1	681.4	19.3	2.9
1976	C	230.6	112.5	-118.1	-51.2
1977	C	75.0	103.5	28.5	38.0
1978	AN	778.9	533.6	-245.3	-31.5
1979	BN	515.2	647.5	132.3	25.7
1980	AN	766.2	669.2	-97.0	-12.7
1981	D	330.6	69.9	-260.6	-78.8
1982	W	957.0	887.9	-69.1	-7.2
1983	W	912.0	895.5	-16.5	-1.8
1984	W	647.3	698.0	50.7	7.8
1985	D	454.1	203.6	-250.6	-55.2
1986	W	755.0	878.6	123.5	16.4
1987	D	428.8	280.5	-148.3	-34.6
1988	C	325.0	158.5	-166.5	-51.2
1989	D	573.0	742.1	169.1	29.5
1990	C	417.1	129.5	-287.6	-69.0
1991	C	358.5	108.5	-250.0	-69.7
1992	C	254.9	96.5	-158.4	-62.2
1993	AN	736.8	696.4	-40.3	-5.5
	Mean:	604.4	538.8	-65.6	-14.7
	Median:	633.7	668.4	-85.9	-11.3
	Min:	75.0	69.9	-287.6	-78.8
	Max:	957.0	895.5	200.5	46.6

Shasta Reservoir Storage

October

Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2805.9	2798.3	-7.6	-0.3
1923	BN	2927.1	2830.3	-96.7	-3.3
1924	C	2092.4	2007.6	-84.9	-4.1
1925	D	574.2	550.0	-24.2	-4.2
1926	D	1835.4	1768.9	-66.5	-3.6
1927	W	1700.0	1690.4	-9.6	-0.6
1928	AN	3146.9	3066.6	-80.3	-2.6
1929	C	2630.2	2597.6	-32.6	-1.2
1930	D	1874.1	1711.0	-163.1	-8.7
1931	C	2101.8	1976.8	-125.0	-5.9
1932	D	625.1	567.4	-57.7	-9.2
1933	C	993.7	787.5	-206.2	-20.8
1934	C	830.5	638.2	-192.2	-23.1
1935	BN	600.1	550.0	-50.1	-8.3
1936	BN	1599.7	1582.4	-17.4	-1.1
1937	BN	2106.0	2100.6	-5.4	-0.3
1938	W	2385.1	2370.5	-14.6	-0.6
1939	D	3250.0	3250.0	0.0	0.0
1940	AN	2063.4	2007.1	-56.3	-2.7
1941	W	2751.8	2669.9	-81.9	-3.0
1942	W	3250.0	3250.0	0.0	0.0
1943	W	3250.0	3250.0	0.0	0.0
1944	D	3183.2	3126.0	-57.2	-1.8
1945	BN	2475.4	2439.5	-35.9	-1.5
1946	BN	2946.1	2846.0	-100.1	-3.4
1947	D	2797.4	2684.4	-113.0	-4.0
1948	BN	2335.9	2361.7	25.8	1.1
1949	D	3250.0	3250.0	0.0	0.0
1950	BN	2631.1	2602.9	-28.2	-1.1
1951	AN	3000.8	2945.9	-54.9	-1.8
1952	W	2805.5	2807.3	1.8	0.1
1953	W	3250.0	3250.0	0.0	0.0
1954	AN	3250.0	3250.0	0.0	0.0
1955	D	3157.8	3205.7	47.9	1.5
1956	W	2571.5	2542.6	-28.9	-1.1
1957	AN	3250.0	3250.0	0.0	0.0
1958	W	3250.0	3250.0	0.0	0.0
1959	BN	3250.0	3250.0	0.0	0.0
1960	D	2417.1	2373.1	-44.0	-1.8
1961	D	2512.0	2564.6	52.5	2.1
1962	BN	2543.1	2556.7	13.6	0.5
1963	W	3250.0	3250.0	0.0	0.0
1964	D	3250.0	3250.0	0.0	0.0
1965	W	2389.9	2364.6	-25.3	-1.1
1966	BN	3224.0	3188.8	-35.2	-1.1
1967	W	2786.9	2833.4	46.5	1.7
1968	BN	3250.0	3250.0	0.0	0.0
1969	W	2732.0	2723.6	-8.4	-0.3
1970	W	3250.0	3250.0	0.0	0.0
1971	W	2700.7	2665.3	-35.5	-1.3
1972	BN	3250.0	3250.0	0.0	0.0
1973	AN	2999.9	2958.2	-41.8	-1.4
1974	W	3250.0	3202.5	-47.5	-1.5
1975	W	3250.0	3250.0	0.0	0.0
1976	C	3250.0	3250.0	0.0	0.0
1977	C	2819.3	2666.8	-152.5	-5.4
1978	AN	550.0	550.0	0.0	0.0
1979	BN	3211.5	3200.0	-11.5	-0.4
1980	AN	2903.3	2845.0	-58.3	-2.0
1981	D	3095.6	2945.9	-149.8	-4.8
1982	W	2574.9	2528.4	-46.4	-1.8
1983	W	3250.0	3250.0	0.0	0.0
1984	W	3250.0	3250.0	0.0	0.0
1985	D	3236.0	3205.8	-30.2	-0.9
1986	W	2247.8	2270.4	22.6	1.0
1987	D	2863.7	2800.7	-62.9	-2.2
1988	C	2113.5	2057.8	-55.7	-2.6
1989	D	1525.9	1488.5	-37.4	-2.5
1990	C	2540.1	2420.2	-119.9	-4.7
1991	C	1845.4	1661.0	-184.4	-10.0
1992	C	1327.6	1096.4	-231.2	-17.4
1993	AN	747.6	707.4	-40.2	-5.4
	Mean:	2544.5	2502.9	-41.6	-2.5
	Median:	2792.2	2704.0	-28.6	-1.1
	Min:	550.0	550.0	-231.2	-23.1
	Max:	3250.0	3250.0	52.5	2.1

Shasta Reservoir Storage

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2831.9	2816.1	-15.8	-0.6
1923	BN	2939.8	2843.1	-96.6	-3.3
1924	C	2016.0	1932.3	-83.7	-4.2
1925	D	679.8	652.9	-26.9	-4.0
1926	D	1833.6	1765.2	-68.4	-3.7
1927	W	2175.1	2165.4	-9.6	-0.4
1928	AN	3252.0	3252.0	0.0	0.0
1929	C	2628.7	2596.5	-32.2	-1.2
1930	D	1832.7	1647.6	-185.2	-10.1
1931	C	2086.7	1948.3	-138.3	-6.6
1932	D	636.0	558.8	-77.2	-12.1
1933	C	978.5	772.6	-205.9	-21.0
1934	C	798.9	631.2	-167.7	-21.0
1935	BN	685.1	635.1	-50.0	-7.3
1936	BN	1538.2	1551.5	13.3	0.9
1937	BN	2021.8	2010.4	-11.3	-0.6
1938	W	2901.7	2889.9	-11.8	-0.4
1939	D	3252.0	3202.0	-50.0	-1.5
1940	AN	1982.8	1928.3	-54.5	-2.7
1941	W	2760.7	2678.9	-81.8	-3.0
1942	W	3241.5	3207.7	-33.8	-1.0
1943	W	3252.0	3252.0	0.0	0.0
1944	D	3162.6	3135.2	-27.4	-0.9
1945	BN	2639.4	2608.9	-30.5	-1.2
1946	BN	3171.1	3071.0	-100.0	-3.2
1947	D	2852.6	2736.1	-116.5	-4.1
1948	BN	2348.1	2370.1	21.9	0.9
1949	D	3219.6	3209.6	-10.0	-0.3
1950	BN	2569.6	2541.4	-28.2	-1.1
1951	AN	3252.0	3252.0	0.0	0.0
1952	W	2961.7	2963.4	1.8	0.1
1953	W	3216.7	3201.7	-15.0	-0.5
1954	AN	3252.0	3252.0	0.0	0.0
1955	D	3245.7	3249.2	3.6	0.1
1956	W	2630.6	2606.0	-24.6	-0.9
1957	AN	3200.0	3190.1	-9.9	-0.3
1958	W	3237.8	3230.4	-7.4	-0.2
1959	BN	3238.4	3190.0	-48.4	-1.5
1960	D	2324.2	2246.6	-77.6	-3.3
1961	D	2584.0	2627.4	43.4	1.7
1962	BN	2481.6	2485.1	3.5	0.1
1963	W	3252.0	3252.0	0.0	0.0
1964	D	3252.0	3252.0	0.0	0.0
1965	W	2492.1	2474.9	-17.2	-0.7
1966	BN	3252.0	3252.0	0.0	0.0
1967	W	3113.1	3159.5	46.4	1.5
1968	BN	3242.1	3229.5	-12.6	-0.4
1969	W	2765.1	2749.2	-15.9	-0.6
1970	W	3247.0	3241.1	-5.9	-0.2
1971	W	3145.7	3110.2	-35.4	-1.1
1972	BN	3199.6	3200.0	0.4	0.0
1973	AN	3232.1	3190.4	-41.7	-1.3
1974	W	3252.0	3252.0	0.0	0.0
1975	W	3252.0	3230.2	-21.8	-0.7
1976	C	3252.0	3251.1	-0.9	0.0
1977	C	2788.8	2636.4	-152.4	-5.5
1978	AN	554.9	576.0	21.2	3.8
1979	BN	3177.1	3139.8	-37.3	-1.2
1980	AN	3015.3	2933.3	-82.1	-2.7
1981	D	3015.8	2937.7	-78.1	-2.6
1982	W	3252.0	3252.0	0.0	0.0
1983	W	3252.0	3252.0	0.0	0.0
1984	W	3252.0	3252.0	0.0	0.0
1985	D	3252.0	3252.0	0.0	0.0
1986	W	2264.6	2297.4	32.8	1.4
1987	D	2846.4	2783.1	-63.3	-2.2
1988	C	2087.5	2066.5	-21.0	-1.0
1989	D	1734.4	1697.1	-37.3	-2.2
1990	C	2517.1	2414.5	-102.6	-4.1
1991	C	1839.5	1657.7	-181.8	-9.9
1992	C	1264.5	1003.5	-261.0	-20.6
1993	AN	723.2	654.3	-68.9	-9.5
	Mean:	2593.0	2552.1	-40.9	-2.5
	Median:	2877.1	2829.6	-21.4	-0.8
	Min:	554.9	558.8	-261.0	-21.0
	Max:	3252.0	3252.0	46.4	3.8

Shasta Reservoir Storage

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2917.0	2890.3	-26.7	-0.9
1923	BN	3028.5	2931.9	-96.6	-3.2
1924	C	1981.9	1897.0	-84.9	-4.3
1925	D	769.0	742.1	-26.9	-3.5
1926	D	1881.4	1810.3	-71.1	-3.8
1927	W	2681.4	2671.8	-9.6	-0.4
1928	AN	3313.2	3337.1	23.9	0.7
1929	C	2633.3	2601.4	-31.8	-1.2
1930	D	2352.9	2167.9	-185.0	-7.9
1931	C	2072.6	1928.8	-143.7	-6.9
1932	D	827.5	734.0	-93.5	-11.3
1933	C	966.8	761.0	-205.8	-21.3
1934	C	922.3	746.7	-175.6	-19.0
1935	BN	722.0	672.0	-50.0	-6.9
1936	BN	1546.4	1559.7	13.3	0.9
1937	BN	1959.7	1971.0	11.3	0.6
1938	W	3310.0	3310.0	0.0	0.0
1939	D	3350.5	3311.7	-38.8	-1.2
1940	AN	2113.9	2060.3	-53.7	-2.5
1941	W	3293.0	3293.0	0.0	0.0
1942	W	3316.0	3316.0	0.0	0.0
1943	W	3356.0	3356.0	0.0	0.0
1944	D	3129.5	3102.1	-27.4	-0.9
1945	BN	2919.5	2894.0	-25.5	-0.9
1946	BN	3265.0	3265.0	0.0	0.0
1947	D	2918.6	2792.8	-125.8	-4.3
1948	BN	2367.2	2385.5	18.3	0.8
1949	D	3207.1	3197.1	-10.0	-0.3
1950	BN	2522.1	2488.5	-33.7	-1.3
1951	AN	3322.0	3322.0	0.0	0.0
1952	W	3306.0	3306.0	0.0	0.0
1953	W	3345.0	3345.0	0.0	0.0
1954	AN	3364.0	3364.0	0.0	0.0
1955	D	3360.0	3360.0	0.0	0.0
1956	W	3252.0	3252.0	0.0	0.0
1957	AN	3222.3	3211.9	-10.4	-0.3
1958	W	3338.0	3338.0	0.0	0.0
1959	BN	3267.1	3227.0	-40.1	-1.2
1960	D	2322.0	2239.4	-82.6	-3.6
1961	D	3007.2	3042.1	34.8	1.2
1962	BN	2771.4	2767.4	-4.0	-0.1
1963	W	3349.0	3349.0	0.0	0.0
1964	D	3322.7	3322.7	0.0	0.0
1965	W	3252.0	3252.0	0.0	0.0
1966	BN	3326.2	3326.4	0.1	0.0
1967	W	3335.0	3335.0	0.0	0.0
1968	BN	3320.1	3310.3	-9.8	-0.3
1969	W	3076.3	3032.7	-43.6	-1.4
1970	W	3317.0	3317.0	0.0	0.0
1971	W	3319.0	3319.0	0.0	0.0
1972	BN	3326.5	3327.0	0.5	0.0
1973	AN	3346.0	3346.0	0.0	0.0
1974	W	3267.0	3267.0	0.0	0.0
1975	W	3359.0	3342.1	-16.9	-0.5
1976	C	3317.6	3316.9	-0.7	0.0
1977	C	2769.1	2616.8	-152.3	-5.5
1978	AN	1096.1	1012.8	-83.3	-7.6
1979	BN	3122.4	3095.1	-27.4	-0.9
1980	AN	3121.7	3049.0	-72.8	-2.3
1981	D	3099.6	3030.7	-68.8	-2.2
1982	W	3276.0	3276.0	0.0	0.0
1983	W	3328.0	3328.0	0.0	0.0
1984	W	3285.0	3285.0	0.0	0.0
1985	D	3360.0	3360.0	0.0	0.0
1986	W	2422.8	2465.6	42.7	1.8
1987	D	2830.4	2767.1	-63.3	-2.2
1988	C	2591.6	2573.4	-18.2	-0.7
1989	D	1833.1	1795.8	-37.3	-2.0
1990	C	2463.7	2372.3	-91.3	-3.7
1991	C	1794.8	1643.2	-151.5	-8.4
1992	C	1259.8	999.1	-260.7	-20.7
1993	AN	954.0	885.2	-68.8	-7.2
	Mean:	2727.3	2690.1	-37.2	-2.3
	Median:	3122.1	3072.0	-9.9	-0.3
	Min:	722.0	672.0	-260.7	-21.3
	Max:	3364.0	3364.0	42.7	1.8

Shasta Reservoir Storage

January

Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3021.4	2985.0	-36.5	-1.2
1923	BN	3227.4	3140.1	-87.3	-2.7
1924	C	2070.4	1991.4	-79.0	-3.8
1925	D	981.1	917.0	-64.1	-6.5
1926	D	1924.3	1853.3	-71.1	-3.7
1927	W	3158.7	3149.3	-9.4	-0.3
1928	AN	3512.1	3610.3	98.3	2.8
1929	C	2729.3	2713.0	-16.3	-0.6
1930	D	2557.4	2372.5	-184.9	-7.2
1931	C	2146.1	2002.5	-143.6	-6.7
1932	D	1027.4	876.0	-151.4	-14.7
1933	C	991.3	784.6	-206.7	-20.9
1934	C	1216.9	1023.5	-193.4	-15.9
1935	BN	1010.7	957.1	-53.6	-5.3
1936	BN	2160.6	2183.1	22.5	1.0
1937	BN	1939.0	1950.3	11.3	0.6
1938	W	3640.8	3640.8	0.0	0.0
1939	D	3540.1	3505.6	-34.4	-1.0
1940	AN	2991.0	2937.4	-53.6	-1.8
1941	W	3317.0	3317.0	0.0	0.0
1942	W	3389.0	3389.0	0.0	0.0
1943	W	3541.0	3541.0	0.0	0.0
1944	D	3210.7	3171.3	-39.3	-1.2
1945	BN	3119.7	3094.2	-25.5	-0.8
1946	BN	3622.0	3622.0	0.0	0.0
1947	D	2930.4	2805.0	-125.4	-4.3
1948	BN	2928.2	2946.6	18.3	0.6
1949	D	3201.0	3191.0	-10.0	-0.3
1950	BN	2768.3	2740.7	-27.6	-1.0
1951	AN	3624.0	3624.0	0.0	0.0
1952	W	3604.0	3604.0	0.0	0.0
1953	W	3366.0	3366.0	0.0	0.0
1954	AN	3552.0	3552.0	0.0	0.0
1955	D	3433.7	3433.7	0.0	0.0
1956	W	3252.0	3252.0	0.0	0.0
1957	AN	3325.5	3321.1	-4.4	-0.1
1958	W	3531.0	3531.0	0.0	0.0
1959	BN	3648.0	3648.0	0.0	0.0
1960	D	2518.8	2442.0	-76.7	-3.0
1961	D	3217.3	3245.9	28.7	0.9
1962	BN	2833.7	2819.6	-14.2	-0.5
1963	W	3459.0	3459.0	0.0	0.0
1964	D	3688.8	3688.8	0.0	0.0
1965	W	3368.0	3368.0	0.0	0.0
1966	BN	3725.0	3725.0	0.0	0.0
1967	W	3551.0	3551.0	0.0	0.0
1968	BN	3559.8	3550.2	-9.6	-0.3
1969	W	3358.0	3358.0	0.0	0.0
1970	W	3252.0	3252.0	0.0	0.0
1971	W	3515.0	3515.0	0.0	0.0
1972	BN	3670.0	3670.4	0.4	0.0
1973	AN	3552.0	3552.0	0.0	0.0
1974	W	3252.0	3252.0	0.0	0.0
1975	W	3479.0	3506.4	27.4	0.8
1976	C	3528.5	3528.0	-0.5	0.0
1977	C	2797.7	2662.0	-135.7	-4.9
1978	AN	3008.5	2929.3	-79.2	-2.6
1979	BN	3204.5	3235.5	31.0	1.0
1980	AN	3528.0	3528.0	0.0	0.0
1981	D	3396.8	3328.0	-68.8	-2.0
1982	W	3616.0	3616.0	0.0	0.0
1983	W	3371.0	3371.0	0.0	0.0
1984	W	3650.0	3650.0	0.0	0.0
1985	D	3452.8	3456.1	3.3	0.1
1986	W	2970.4	3005.4	35.0	1.2
1987	D	2947.1	2883.8	-63.2	-2.1
1988	C	3025.9	3010.8	-15.1	-0.5
1989	D	1938.1	1900.8	-37.3	-1.9
1990	C	2689.4	2605.8	-83.6	-3.1
1991	C	1797.9	1646.4	-151.4	-8.4
1992	C	1305.9	1045.4	-260.5	-19.9
1993	AN	1602.7	1534.0	-68.7	-4.3
	Mean:	2958.9	2925.5	-33.4	-2.0
	Median:	3239.7	3249.0	0.0	0.0
	Min:	981.1	784.6	-260.5	-20.9
	Max:	3725.0	3725.0	98.3	2.8

Shasta Reservoir Storage

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3311.9	3283.8	-28.1	-0.8
1923	BN	3285.9	3198.7	-87.2	-2.7
1924	C	2227.8	2151.1	-76.6	-3.4
1925	D	2219.3	2155.4	-64.0	-2.9
1926	D	2639.8	2568.8	-71.0	-2.7
1927	W	3462.0	3462.0	0.0	0.0
1928	AN	3906.0	4004.2	98.2	2.5
1929	C	2916.1	2899.8	-16.3	-0.6
1930	D	2908.0	2745.1	-162.9	-5.6
1931	C	2230.6	2082.0	-148.6	-6.7
1932	D	1143.3	999.6	-143.8	-12.6
1933	C	1030.8	824.3	-206.5	-20.0
1934	C	1540.7	1341.2	-199.5	-12.9
1935	BN	1335.7	1285.8	-49.9	-3.7
1936	BN	3039.5	3061.9	22.4	0.7
1937	BN	2031.1	2042.4	11.3	0.6
1938	W	3560.0	3560.0	0.0	0.0
1939	D	3621.8	3635.7	13.9	0.4
1940	AN	3252.0	3252.0	0.0	0.0
1941	W	3423.0	3423.0	0.0	0.0
1942	W	3516.0	3516.0	0.0	0.0
1943	W	3848.0	3848.0	0.0	0.0
1944	D	3445.3	3405.9	-39.3	-1.1
1945	BN	3825.8	3800.3	-25.5	-0.7
1946	BN	3683.7	3545.4	-138.3	-3.8
1947	D	3129.3	3018.0	-111.2	-3.6
1948	BN	2743.5	2788.3	44.8	1.6
1949	D	3321.7	3311.8	-10.0	-0.3
1950	BN	3125.1	3102.2	-22.9	-0.7
1951	AN	3794.0	3794.0	0.0	0.0
1952	W	3739.0	3739.0	0.0	0.0
1953	W	3714.1	3714.1	0.0	0.0
1954	AN	3661.0	3661.0	0.0	0.0
1955	D	3544.0	3470.0	-74.0	-2.1
1956	W	3288.0	3288.0	0.0	0.0
1957	AN	3675.0	3675.0	0.0	0.0
1958	W	3252.0	3252.0	0.0	0.0
1959	BN	3777.0	3777.0	0.0	0.0
1960	D	3224.0	3157.3	-66.7	-2.1
1961	D	3914.0	3889.0	-25.0	-0.6
1962	BN	3675.0	3675.0	0.0	0.0
1963	W	3944.0	3944.0	0.0	0.0
1964	D	3840.0	3869.5	29.4	0.8
1965	W	3802.9	3802.9	0.0	0.0
1966	BN	4037.0	4037.0	0.0	0.0
1967	W	3920.0	3920.0	0.0	0.0
1968	BN	3654.0	3654.0	0.0	0.0
1969	W	3480.0	3480.0	0.0	0.0
1970	W	3431.0	3431.0	0.0	0.0
1971	W	3644.9	3679.3	34.4	0.9
1972	BN	3979.0	3979.0	0.0	0.0
1973	AN	3636.0	3636.0	0.0	0.0
1974	W	3694.0	3694.0	0.0	0.0
1975	W	3936.0	3936.0	0.0	0.0
1976	C	3638.4	3661.6	23.2	0.6
1977	C	2750.8	2658.6	-92.2	-3.4
1978	AN	3567.0	3567.0	0.0	0.0
1979	BN	3486.2	3511.6	25.4	0.7
1980	AN	3292.0	3292.0	0.0	0.0
1981	D	3735.0	3735.6	0.7	0.0
1982	W	3530.0	3530.0	0.0	0.0
1983	W	3252.0	3252.0	0.0	0.0
1984	W	3994.8	3994.8	0.0	0.0
1985	D	3585.3	3588.7	3.4	0.1
1986	W	3252.0	3252.0	0.0	0.0
1987	D	3287.5	3224.3	-63.2	-1.9
1988	C	2886.7	2888.4	1.7	0.1
1989	D	2047.1	2009.9	-37.2	-1.8
1990	C	2600.7	2528.8	-71.9	-2.8
1991	C	1805.1	1674.3	-130.8	-7.2
1992	C	1963.1	1702.8	-260.3	-13.3
1993	AN	2332.8	2264.1	-68.7	-2.9
	Mean:	3208.1	3177.8	-30.3	-1.6
	Median:	3453.6	3446.5	0.0	0.0
	Min:	1030.8	824.3	-260.3	-20.0
	Max:	4037.0	4037.0	98.2	2.5

Shasta Reservoir Storage

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3616.8	3588.7	-28.1	-0.8
1923	BN	3338.0	3254.6	-83.4	-2.5
1924	C	2143.6	2087.5	-56.1	-2.6
1925	D	2346.0	2319.1	-26.9	-1.1
1926	D	2836.4	2771.6	-64.8	-2.3
1927	W	4035.4	4035.4	0.0	0.0
1928	AN	3965.0	3965.0	0.0	0.0
1929	C	3083.8	3067.6	-16.3	-0.5
1930	D	3335.8	3220.4	-115.3	-3.5
1931	C	2392.5	2243.7	-148.7	-6.2
1932	D	1553.5	1410.0	-143.5	-9.2
1933	C	1615.5	1409.4	-206.1	-12.8
1934	C	1830.2	1609.7	-220.5	-12.0
1935	BN	1724.3	1674.5	-49.8	-2.9
1936	BN	3329.1	3348.8	19.7	0.6
1937	BN	2675.1	2686.3	11.2	0.4
1938	W	3416.0	3416.0	0.0	0.0
1939	D	4018.2	4032.1	13.9	0.3
1940	AN	3435.0	3435.0	0.0	0.0
1941	W	3940.0	3940.0	0.0	0.0
1942	W	3894.5	3894.5	0.0	0.0
1943	W	4118.0	4118.0	0.0	0.0
1944	D	3679.2	3640.0	-39.3	-1.1
1945	BN	4058.8	4033.3	-25.5	-0.6
1946	BN	4074.2	3936.0	-138.2	-3.4
1947	D	3585.0	3487.5	-97.5	-2.7
1948	BN	3077.5	3122.3	44.8	1.5
1949	D	4071.0	4071.0	0.0	0.0
1950	BN	3497.3	3475.0	-22.3	-0.6
1951	AN	4181.2	4181.2	0.0	0.0
1952	W	4022.0	4022.0	0.0	0.0
1953	W	4109.6	4115.7	6.1	0.1
1954	AN	4106.0	4106.0	0.0	0.0
1955	D	3696.0	3638.3	-57.7	-1.6
1956	W	3952.2	3962.6	10.4	0.3
1957	AN	4129.0	4129.0	0.0	0.0
1958	W	3416.0	3416.0	0.0	0.0
1959	BN	3997.5	4008.2	10.7	0.3
1960	D	3834.9	3777.5	-57.4	-1.5
1961	D	4280.0	4280.0	0.0	0.0
1962	BN	4119.6	4119.6	0.0	0.0
1963	W	4029.1	3989.6	-39.4	-1.0
1964	D	3989.7	3970.2	-19.5	-0.5
1965	W	3858.4	3902.7	44.3	1.1
1966	BN	4229.0	4229.0	0.0	0.0
1967	W	4033.0	4033.0	0.0	0.0
1968	BN	4191.3	4191.3	0.0	0.0
1969	W	4030.0	4030.0	0.0	0.0
1970	W	4061.5	4061.5	0.0	0.0
1971	W	3873.0	3873.0	0.0	0.0
1972	BN	4249.0	4249.0	0.0	0.0
1973	AN	4162.0	4162.0	0.0	0.0
1974	W	3416.0	3416.0	0.0	0.0
1975	W	3756.0	3756.0	0.0	0.0
1976	C	3867.8	3848.6	-19.2	-0.5
1977	C	2727.5	2629.9	-97.7	-3.6
1978	AN	4000.0	4000.0	0.0	0.0
1979	BN	3992.7	3941.3	-51.4	-1.3
1980	AN	3938.3	3938.3	0.0	0.0
1981	D	4256.0	4256.0	0.0	0.0
1982	W	3953.0	3953.0	0.0	0.0
1983	W	3417.0	3417.0	0.0	0.0
1984	W	4246.0	4246.0	0.0	0.0
1985	D	3796.9	3730.7	-66.2	-1.7
1986	W	3534.0	3534.0	0.0	0.0
1987	D	4014.2	3951.1	-63.1	-1.6
1988	C	2947.7	2908.9	-38.8	-1.3
1989	D	3428.8	3391.7	-37.2	-1.1
1990	C	2867.0	2795.3	-71.8	-2.5
1991	C	2209.7	2079.0	-130.7	-5.9
1992	C	2408.4	2148.6	-259.8	-10.8
1993	AN	3794.1	3725.6	-68.6	-1.8
	Mean:	3552.9	3519.6	-33.3	-1.3
	Median:	3863.1	3860.8	0.0	0.0
	Min:	1553.5	1409.4	-259.8	-12.8
	Max:	4280.0	4280.0	44.8	1.5

Shasta Reservoir Storage

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4095.3	4067.2	-28.0	-0.7
1923	BN	3640.6	3564.2	-76.4	-2.1
1924	C	1923.8	1873.4	-50.4	-2.6
1925	D	3019.4	2994.7	-24.7	-0.8
1926	D	3132.4	3069.1	-63.4	-2.0
1927	W	4552.0	4552.0	0.0	0.0
1928	AN	4463.1	4463.1	0.0	0.0
1929	C	3153.4	3092.5	-60.8	-1.9
1930	D	3495.7	3383.5	-112.1	-3.2
1931	C	2141.3	1962.9	-178.5	-8.3
1932	D	1704.4	1573.2	-131.1	-7.7
1933	C	1768.6	1526.0	-242.6	-13.7
1934	C	1908.4	1699.5	-208.9	-10.9
1935	BN	2719.9	2670.2	-49.7	-1.8
1936	BN	3550.7	3570.3	19.6	0.6
1937	BN	3315.9	3327.0	11.1	0.3
1938	W	4058.0	4058.0	0.0	0.0
1939	D	3795.7	3824.2	28.5	0.8
1940	AN	4143.0	4143.0	0.0	0.0
1941	W	4456.0	4456.0	0.0	0.0
1942	W	4531.2	4531.2	0.0	0.0
1943	W	4552.0	4552.0	0.0	0.0
1944	D	3665.1	3641.1	-24.0	-0.7
1945	BN	4235.8	4211.3	-24.4	-0.6
1946	BN	4269.5	4148.9	-120.6	-2.8
1947	D	3747.6	3638.8	-108.9	-2.9
1948	BN	3977.0	4021.6	44.6	1.1
1949	D	4391.7	4391.7	0.0	0.0
1950	BN	3835.2	3812.9	-22.3	-0.6
1951	AN	4265.0	4267.9	2.9	0.1
1952	W	4290.0	4290.0	0.0	0.0
1953	W	4448.1	4452.0	3.9	0.1
1954	AN	4546.0	4546.0	0.0	0.0
1955	D	3711.8	3726.8	15.0	0.4
1956	W	4464.5	4474.5	10.0	0.2
1957	AN	4153.3	4144.9	-8.4	-0.2
1958	W	4173.0	4173.0	0.0	0.0
1959	BN	4047.0	4062.3	15.3	0.4
1960	D	3981.1	3922.4	-58.7	-1.5
1961	D	4341.4	4312.5	-28.9	-0.7
1962	BN	4393.2	4397.3	4.1	0.1
1963	W	4137.0	4137.0	0.0	0.0
1964	D	3676.0	3772.3	96.3	2.6
1965	W	4500.0	4500.0	0.0	0.0
1966	BN	4552.0	4552.0	0.0	0.0
1967	W	4479.0	4479.0	0.0	0.0
1968	BN	4172.0	4153.4	-18.6	-0.4
1969	W	4434.0	4434.0	0.0	0.0
1970	W	3977.8	3983.9	6.0	0.2
1971	W	4397.7	4381.0	-16.7	-0.4
1972	BN	4460.2	4449.9	-10.3	-0.2
1973	AN	4447.4	4423.5	-23.9	-0.5
1974	W	4289.0	4289.0	0.0	0.0
1975	W	4343.2	4343.2	0.0	0.0
1976	C	3938.0	3937.7	-0.4	0.0
1977	C	2420.5	2287.2	-133.3	-5.5
1978	AN	4552.0	4552.0	0.0	0.0
1979	BN	4166.4	4118.4	-48.0	-1.2
1980	AN	4242.4	4222.9	-19.5	-0.5
1981	D	4396.6	4396.6	0.0	0.0
1982	W	4094.0	4094.0	0.0	0.0
1983	W	4074.0	4074.0	0.0	0.0
1984	W	4291.5	4323.0	31.6	0.7
1985	D	3907.1	3842.2	-64.9	-1.7
1986	W	3974.8	3937.6	-37.3	-0.9
1987	D	3826.9	3699.7	-127.2	-3.3
1988	C	2968.5	2929.9	-38.6	-1.3
1989	D	3813.0	3775.9	-37.1	-1.0
1990	C	2714.2	2647.9	-66.4	-2.4
1991	C	2354.0	2232.9	-121.1	-5.1
1992	C	2632.4	2386.9	-245.6	-9.3
1993	AN	4426.8	4358.9	-68.0	-1.5
	Mean:	3829.4	3795.9	-33.5	-1.3
	Median:	4094.6	4084.0	-4.4	-0.1
	Min:	1704.4	1526.0	-245.6	-13.7
	Max:	4552.0	4552.0	96.3	2.6

Shasta Reservoir Storage

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4251.6	4225.9	-25.7	-0.6
1923	BN	3380.9	3299.6	-81.3	-2.4
1924	C	1616.0	1564.2	-51.8	-3.2
1925	D	3086.1	3063.1	-23.0	-0.7
1926	D	2983.2	2946.3	-36.9	-1.2
1927	W	4552.0	4552.0	0.0	0.0
1928	AN	4256.0	4244.9	-11.1	-0.3
1929	C	3030.7	2966.8	-63.9	-2.1
1930	D	3390.5	3286.8	-103.6	-3.1
1931	C	1861.9	1681.0	-180.9	-9.7
1932	D	1892.3	1762.6	-129.7	-6.9
1933	C	1833.0	1588.0	-245.0	-13.4
1934	C	1733.2	1529.1	-204.1	-11.8
1935	BN	2943.5	2891.2	-52.3	-1.8
1936	BN	3442.6	3464.9	22.4	0.7
1937	BN	3476.8	3487.4	10.5	0.3
1938	W	4552.0	4552.0	0.0	0.0
1939	D	3498.2	3533.5	35.3	1.0
1940	AN	4075.8	4077.2	1.4	0.0
1941	W	4552.0	4552.0	0.0	0.0
1942	W	4552.0	4552.0	0.0	0.0
1943	W	4521.2	4521.2	0.0	0.0
1944	D	3567.9	3545.1	-22.8	-0.6
1945	BN	4247.2	4224.8	-22.4	-0.5
1946	BN	4192.8	4076.5	-116.3	-2.8
1947	D	3397.3	3319.9	-77.4	-2.3
1948	BN	4327.9	4371.7	43.9	1.0
1949	D	4340.6	4340.6	0.0	0.0
1950	BN	3789.8	3765.6	-24.2	-0.6
1951	AN	4283.0	4285.7	2.7	0.1
1952	W	4552.0	4552.0	0.0	0.0
1953	W	4552.0	4552.0	0.0	0.0
1954	AN	4384.8	4339.7	-45.1	-1.0
1955	D	3791.4	3809.2	17.8	0.5
1956	W	4552.0	4552.0	0.0	0.0
1957	AN	4405.4	4397.7	-7.7	-0.2
1958	W	4552.0	4552.0	0.0	0.0
1959	BN	3839.3	3840.3	0.9	0.0
1960	D	3971.3	3917.7	-53.6	-1.3
1961	D	4314.5	4214.5	-100.0	-2.3
1962	BN	4300.1	4286.8	-13.3	-0.3
1963	W	4421.9	4421.9	0.0	0.0
1964	D	3456.6	3556.3	99.7	2.9
1965	W	4460.8	4443.5	-17.2	-0.4
1966	BN	4417.6	4411.9	-5.6	-0.1
1967	W	4552.0	4552.0	0.0	0.0
1968	BN	4049.7	4010.1	-39.7	-1.0
1969	W	4552.0	4552.0	0.0	0.0
1970	W	3837.8	3840.1	2.2	0.1
1971	W	4552.0	4552.0	0.0	0.0
1972	BN	4342.0	4323.0	-19.0	-0.4
1973	AN	4425.2	4399.9	-25.3	-0.6
1974	W	4480.5	4480.5	0.0	0.0
1975	W	4552.0	4552.0	0.0	0.0
1976	C	3781.9	3767.8	-14.0	-0.4
1977	C	2244.2	2110.2	-134.0	-6.0
1978	AN	4552.0	4552.0	0.0	0.0
1979	BN	4211.8	4171.5	-40.2	-1.0
1980	AN	4182.9	4165.1	-17.9	-0.4
1981	D	4158.2	4148.4	-9.8	-0.2
1982	W	4304.4	4304.4	0.0	0.0
1983	W	4552.0	4552.0	0.0	0.0
1984	W	4251.5	4271.6	20.1	0.5
1985	D	3553.6	3476.4	-77.2	-2.2
1986	W	3911.7	3871.4	-40.3	-1.0
1987	D	3541.6	3422.2	-119.4	-3.4
1988	C	2946.3	2895.3	-51.0	-1.7
1989	D	3599.7	3506.3	-93.3	-2.6
1990	C	2868.9	2803.7	-65.2	-2.3
1991	C	2283.1	2161.6	-121.5	-5.3
1992	C	2325.7	2059.6	-266.1	-11.4
1993	AN	4552.0	4529.9	-22.1	-0.5
	Mean:	3816.2	3779.9	-36.3	-1.4
	Median:	4187.9	4156.7	-15.6	-0.4
	Min:	1616.0	1529.1	-266.1	-13.4
	Max:	4552.0	4552.0	99.7	2.9

Shasta Reservoir Storage

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3959.4	3920.8	-38.6	-1.0
1923	BN	3094.4	3014.8	-79.6	-2.6
1924	C	1220.0	1156.0	-63.9	-5.2
1925	D	2848.9	2829.3	-19.6	-0.7
1926	D	2602.2	2600.4	-1.8	-0.1
1927	W	4263.6	4242.7	-21.0	-0.5
1928	AN	3854.2	3842.5	-11.7	-0.3
1929	C	2780.7	2682.8	-97.9	-3.5
1930	D	3023.3	2921.2	-102.1	-3.4
1931	C	1567.3	1358.1	-209.2	-13.3
1932	D	1714.5	1566.1	-148.3	-8.6
1933	C	1701.9	1433.8	-268.1	-15.8
1934	C	1381.0	1175.4	-205.6	-14.9
1935	BN	2617.3	2588.9	-28.3	-1.1
1936	BN	3231.5	3254.7	23.2	0.7
1937	BN	3315.2	3322.7	7.5	0.2
1938	W	4465.5	4465.5	0.0	0.0
1939	D	3062.4	3080.0	17.6	0.6
1940	AN	3754.3	3731.7	-22.6	-0.6
1941	W	4485.1	4485.1	0.0	0.0
1942	W	4456.6	4456.6	0.0	0.0
1943	W	4272.6	4250.5	-22.0	-0.5
1944	D	3308.8	3284.0	-24.8	-0.7
1945	BN	4013.5	3971.1	-42.5	-1.1
1946	BN	3824.6	3707.6	-116.9	-3.1
1947	D	3125.3	3116.7	-8.6	-0.3
1948	BN	4340.9	4384.1	43.2	1.0
1949	D	3949.5	3944.5	-5.0	-0.1
1950	BN	3506.8	3477.5	-29.3	-0.8
1951	AN	3938.7	3918.2	-20.4	-0.5
1952	W	4400.7	4400.7	0.0	0.0
1953	W	4500.0	4500.0	0.0	0.0
1954	AN	4200.2	4132.5	-67.7	-1.6
1955	D	3488.7	3428.0	-60.7	-1.7
1956	W	4376.5	4376.5	0.0	0.0
1957	AN	4146.7	4203.0	56.3	1.4
1958	W	4500.0	4500.0	0.0	0.0
1959	BN	3309.1	3274.0	-35.0	-1.1
1960	D	3652.4	3554.2	-98.2	-2.7
1961	D	3921.7	3777.8	-144.0	-3.7
1962	BN	3965.7	3932.8	-32.9	-0.8
1963	W	4213.8	4199.8	-14.0	-0.3
1964	D	3223.9	3313.2	89.3	2.8
1965	W	4160.7	4191.2	30.5	0.7
1966	BN	3944.0	4018.7	74.6	1.9
1967	W	4500.0	4500.0	0.0	0.0
1968	BN	3676.7	3615.6	-61.1	-1.7
1969	W	4397.7	4383.4	-14.3	-0.3
1970	W	3550.0	3551.5	1.5	0.0
1971	W	4500.0	4491.1	-8.9	-0.2
1972	BN	3864.3	3807.4	-56.9	-1.5
1973	AN	4028.5	3980.8	-47.8	-1.2
1974	W	4348.3	4329.5	-18.8	-0.4
1975	W	4440.8	4415.7	-25.1	-0.6
1976	C	3230.7	3234.7	3.9	0.1
1977	C	1719.1	1546.4	-172.7	-10.0
1978	AN	4235.2	4207.8	-27.4	-0.6
1979	BN	3700.5	3669.2	-31.3	-0.8
1980	AN	3878.2	3805.1	-73.1	-1.9
1981	D	3599.7	3620.0	20.3	0.6
1982	W	4138.0	4140.0	2.0	0.0
1983	W	4500.0	4500.0	0.0	0.0
1984	W	4011.5	4017.0	5.5	0.1
1985	D	3112.5	3066.9	-45.6	-1.5
1986	W	3502.2	3452.7	-49.5	-1.4
1987	D	3072.2	2915.6	-156.5	-5.1
1988	C	2551.5	2464.1	-87.4	-3.4
1989	D	3250.8	3142.3	-108.5	-3.3
1990	C	2687.7	2575.5	-112.1	-4.2
1991	C	2006.0	1882.6	-123.3	-6.1
1992	C	1926.3	1722.9	-203.4	-10.6
1993	AN	4500.0	4500.0	0.0	0.0
	Mean:	3536.3	3493.4	-42.9	-1.9
	Median:	3789.4	3719.7	-23.7	-0.6
	Min:	1220.0	1156.0	-268.1	-15.8
	Max:	4500.0	4500.0	89.3	2.8

Shasta Reservoir Storage

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3494.5	3436.7	-57.8	-1.7
1923	BN	2657.0	2586.5	-70.5	-2.7
1924	C	811.2	727.4	-83.8	-10.3
1925	D	2366.1	2336.8	-29.3	-1.2
1926	D	2154.5	2183.7	29.2	1.4
1927	W	3724.7	3687.0	-37.7	-1.0
1928	AN	3213.9	3202.3	-11.6	-0.4
1929	C	2417.1	2272.6	-144.5	-6.0
1930	D	2621.6	2506.0	-115.6	-4.4
1931	C	1106.5	863.6	-242.9	-22.0
1932	D	1440.7	1265.7	-175.0	-12.1
1933	C	1387.9	1078.8	-309.0	-22.3
1934	C	984.5	772.7	-211.7	-21.5
1935	BN	2233.6	2226.8	-6.7	-0.3
1936	BN	2794.1	2809.0	14.9	0.5
1937	BN	2960.9	2975.7	14.9	0.5
1938	W	4063.5	4049.5	-14.1	-0.3
1939	D	2550.3	2541.4	-8.9	-0.3
1940	AN	3266.3	3223.2	-43.1	-1.3
1941	W	4150.0	4150.0	0.0	0.0
1942	W	4065.3	4035.8	-29.5	-0.7
1943	W	3722.7	3712.8	-9.8	-0.3
1944	D	2946.9	2917.1	-29.8	-1.0
1945	BN	3494.2	3437.7	-56.5	-1.6
1946	BN	3365.9	3278.5	-87.4	-2.6
1947	D	2655.0	2684.0	29.0	1.1
1948	BN	3990.2	4003.5	13.3	0.3
1949	D	3287.7	3282.7	-5.0	-0.2
1950	BN	3136.8	3097.2	-39.6	-1.3
1951	AN	3287.3	3331.7	44.4	1.4
1952	W	4150.0	4150.0	0.0	0.0
1953	W	4061.9	4099.6	37.7	0.9
1954	AN	3596.4	3557.2	-39.2	-1.1
1955	D	2974.9	2945.5	-29.4	-1.0
1956	W	4045.9	4026.8	-19.1	-0.5
1957	AN	3541.9	3663.2	121.3	3.4
1958	W	4150.0	4150.0	0.0	0.0
1959	BN	2753.6	2731.8	-21.7	-0.8
1960	D	3052.0	2999.8	-52.1	-1.7
1961	D	3284.0	3171.5	-112.6	-3.4
1962	BN	3423.2	3403.7	-19.5	-0.6
1963	W	3792.3	3793.1	0.9	0.0
1964	D	2786.9	2825.9	39.0	1.4
1965	W	3591.9	3659.8	67.9	1.9
1966	BN	3313.7	3388.1	74.3	2.2
1967	W	4150.0	4150.0	0.0	0.0
1968	BN	3085.5	3031.1	-54.3	-1.8
1969	W	4058.0	4020.8	-37.2	-0.9
1970	W	3008.4	3009.9	1.5	0.0
1971	W	4079.0	4014.0	-65.0	-1.6
1972	BN	3249.5	3269.6	20.1	0.6
1973	AN	3488.5	3442.3	-46.2	-1.3
1974	W	4115.8	4099.4	-16.4	-0.4
1975	W	4150.0	4150.0	0.0	0.0
1976	C	2887.8	2786.5	-101.3	-3.5
1977	C	1120.8	942.9	-177.9	-15.9
1978	AN	3765.8	3725.9	-39.9	-1.1
1979	BN	3213.3	3192.1	-21.3	-0.7
1980	AN	3467.3	3363.0	-104.3	-3.0
1981	D	3022.3	2982.4	-39.9	-1.3
1982	W	3854.6	3849.2	-5.4	-0.1
1983	W	4150.0	4150.0	0.0	0.0
1984	W	3409.0	3414.5	5.5	0.2
1985	D	2662.0	2636.7	-25.3	-1.0
1986	W	3145.4	3089.3	-56.1	-1.8
1987	D	2586.5	2435.2	-151.3	-5.8
1988	C	2069.9	1985.7	-84.2	-4.1
1989	D	2760.3	2628.6	-131.7	-4.8
1990	C	2244.4	2074.8	-169.6	-7.6
1991	C	1707.4	1575.2	-132.2	-7.7
1992	C	1445.2	1285.7	-159.5	-11.0
1993	AN	3943.2	3929.3	-13.9	-0.4
	Mean:	3079.3	3034.4	-44.9	-2.6
	Median:	3231.7	3197.2	-29.4	-1.0
	Min:	811.2	727.4	-309.0	-22.3
	Max:	4150.0	4150.0	121.3	3.4

Shasta Reservoir Storage

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3094.2	3014.0	-80.1	-2.6
1923	BN	2268.9	2185.9	-83.1	-3.7
1924	C	624.5	595.1	-29.4	-4.7
1925	D	2022.0	1969.9	-52.1	-2.6
1926	D	1844.3	1869.1	24.8	1.3
1927	W	3316.1	3251.1	-65.0	-2.0
1928	AN	2887.2	2859.8	-27.3	-0.9
1929	C	2104.4	1929.5	-174.8	-8.3
1930	D	2260.3	2137.3	-122.9	-5.4
1931	C	788.2	633.2	-155.0	-19.7
1932	D	1196.9	991.5	-205.4	-17.2
1933	C	1073.1	762.7	-310.4	-28.9
1934	C	655.5	609.2	-46.3	-7.1
1935	BN	1856.3	1785.7	-70.6	-3.8
1936	BN	2376.6	2382.9	6.3	0.3
1937	BN	2586.6	2589.8	3.2	0.1
1938	W	3700.0	3658.3	-41.7	-1.1
1939	D	2224.4	2151.9	-72.5	-3.3
1940	AN	2877.3	2807.4	-69.9	-2.4
1941	W	3700.0	3700.0	0.0	0.0
1942	W	3700.0	3664.2	-35.8	-1.0
1943	W	3328.7	3293.3	-35.4	-1.1
1944	D	2619.1	2580.5	-38.5	-1.5
1945	BN	3089.2	3006.2	-83.0	-2.7
1946	BN	2983.3	2910.1	-73.2	-2.5
1947	D	2336.2	2369.2	33.0	1.4
1948	BN	3615.1	3601.0	-14.2	-0.4
1949	D	2880.4	2865.4	-15.0	-0.5
1950	BN	2800.8	2751.7	-49.1	-1.8
1951	AN	2900.3	2921.0	20.6	0.7
1952	W	3700.0	3700.0	0.0	0.0
1953	W	3700.0	3700.0	0.0	0.0
1954	AN	3266.8	3322.7	55.9	1.7
1955	D	2671.6	2640.3	-31.3	-1.2
1956	W	3700.0	3695.7	-4.3	-0.1
1957	AN	3258.8	3275.4	16.7	0.5
1958	W	3700.0	3700.0	0.0	0.0
1959	BN	2368.4	2382.6	14.2	0.6
1960	D	2708.4	2715.0	6.5	0.2
1961	D	2839.6	2763.5	-76.1	-2.7
1962	BN	3039.7	2995.1	-44.6	-1.5
1963	W	3490.1	3464.5	-25.6	-0.7
1964	D	2472.8	2448.7	-24.1	-1.0
1965	W	3319.8	3332.3	12.5	0.4
1966	BN	2981.7	3052.8	71.1	2.4
1967	W	3700.0	3700.0	0.0	0.0
1968	BN	2846.2	2809.0	-37.2	-1.3
1969	W	3700.0	3638.8	-61.2	-1.7
1970	W	2701.0	2692.1	-8.9	-0.3
1971	W	3700.0	3676.8	-23.2	-0.6
1972	BN	2917.7	2914.0	-3.7	-0.1
1973	AN	3234.4	3163.2	-71.2	-2.2
1974	W	3700.0	3700.0	0.0	0.0
1975	W	3700.0	3700.0	0.0	0.0
1976	C	2841.4	2742.3	-99.1	-3.5
1977	C	700.4	550.0	-150.4	-21.5
1978	AN	3382.3	3317.2	-65.1	-1.9
1979	BN	2941.3	2896.9	-44.5	-1.5
1980	AN	3154.2	3021.0	-133.2	-4.2
1981	D	2685.5	2601.5	-84.0	-3.1
1982	W	3607.4	3570.6	-36.8	-1.0
1983	W	3700.0	3700.0	0.0	0.0
1984	W	3192.9	3179.9	-13.0	-0.4
1985	D	2343.3	2311.1	-32.2	-1.4
1986	W	2823.1	2764.9	-58.2	-2.1
1987	D	2303.9	2193.0	-110.8	-4.8
1988	C	1764.3	1692.5	-71.8	-4.1
1989	D	2424.0	2272.9	-151.1	-6.2
1990	C	1933.2	1809.9	-123.3	-6.4
1991	C	1439.3	1296.5	-142.8	-9.9
1992	C	1026.0	898.5	-127.5	-12.4
1993	AN	3668.0	3656.4	-11.6	-0.3
	Mean:	2736.9	2687.6	-49.3	-3.0
	Median:	2878.8	2834.4	-37.0	-1.4
	Min:	624.5	550.0	-310.4	-28.9
	Max:	3700.0	3700.0	71.1	2.4

Shasta Reservoir Storage

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2926.7	2829.8	-96.9	-3.3
1923	BN	2154.8	2069.5	-85.3	-4.0
1924	C	577.0	550.0	-27.0	-4.7
1925	D	1890.1	1826.6	-63.5	-3.4
1926	D	1733.8	1769.6	35.9	2.1
1927	W	3173.9	3091.6	-82.3	-2.6
1928	AN	2720.8	2687.8	-33.1	-1.2
1929	C	1983.7	1805.0	-178.8	-9.0
1930	D	2148.6	2022.9	-125.7	-5.9
1931	C	646.9	585.8	-61.1	-9.4
1932	D	1066.9	859.8	-207.1	-19.4
1933	C	924.5	645.4	-279.1	-30.2
1934	C	620.9	554.9	-66.0	-10.6
1935	BN	1656.2	1603.2	-53.0	-3.2
1936	BN	2214.3	2210.2	-4.0	-0.2
1937	BN	2432.0	2413.9	-18.1	-0.7
1938	W	3400.0	3400.0	0.0	0.0
1939	D	2141.2	2080.3	-60.9	-2.8
1940	AN	2766.9	2680.6	-86.3	-3.1
1941	W	3400.0	3400.0	0.0	0.0
1942	W	3400.0	3400.0	0.0	0.0
1943	W	3204.2	3150.4	-53.8	-1.7
1944	D	2482.6	2443.3	-39.3	-1.6
1945	BN	2923.4	2823.0	-100.4	-3.4
1946	BN	2873.2	2759.1	-114.0	-4.0
1947	D	2249.4	2279.9	30.5	1.4
1948	BN	3400.0	3400.0	0.0	0.0
1949	D	2729.3	2702.5	-26.8	-1.0
1950	BN	2717.4	2662.4	-55.1	-2.0
1951	AN	2800.2	2802.0	1.8	0.1
1952	W	3400.0	3400.0	0.0	0.0
1953	W	3400.0	3400.0	0.0	0.0
1954	AN	3225.4	3269.5	44.2	1.4
1955	D	2600.2	2565.9	-34.2	-1.3
1956	W	3400.0	3400.0	0.0	0.0
1957	AN	3289.7	3306.3	16.6	0.5
1958	W	3400.0	3400.0	0.0	0.0
1959	BN	2501.6	2500.0	-1.6	-0.1
1960	D	2604.2	2641.4	37.3	1.4
1961	D	2741.9	2663.3	-78.6	-2.9
1962	BN	2938.4	2876.9	-61.5	-2.1
1963	W	3400.0	3391.5	-8.5	-0.3
1964	D	2382.6	2354.6	-28.0	-1.2
1965	W	3261.6	3254.1	-7.5	-0.2
1966	BN	2904.5	2962.6	58.1	2.0
1967	W	3400.0	3400.0	0.0	0.0
1968	BN	2757.9	2751.3	-6.6	-0.2
1969	W	3400.0	3400.0	0.0	0.0
1970	W	2665.4	2639.7	-25.7	-1.0
1971	W	3400.0	3400.0	0.0	0.0
1972	BN	2905.0	2893.9	-11.1	-0.4
1973	AN	3198.0	3111.9	-86.1	-2.7
1974	W	3400.0	3400.0	0.0	0.0
1975	W	3400.0	3400.0	0.0	0.0
1976	C	2809.1	2756.0	-53.1	-1.9
1977	C	650.0	550.0	-100.0	-15.4
1978	AN	3361.3	3302.8	-58.5	-1.7
1979	BN	2853.8	2795.3	-58.4	-2.0
1980	AN	3114.8	2964.7	-150.1	-4.8
1981	D	2604.0	2505.4	-98.6	-3.8
1982	W	3400.0	3400.0	0.0	0.0
1983	W	3400.0	3400.0	0.0	0.0
1984	W	3190.1	3159.8	-30.3	-0.9
1985	D	2317.4	2288.1	-29.3	-1.3
1986	W	2836.2	2773.1	-63.1	-2.2
1987	D	2182.6	2099.0	-83.6	-3.8
1988	C	1621.9	1570.2	-51.7	-3.2
1989	D	2446.8	2305.7	-141.1	-5.8
1990	C	1879.7	1741.1	-138.6	-7.4
1991	C	1343.0	1193.9	-149.1	-11.1
1992	C	847.9	774.7	-73.3	-8.6
1993	AN	3400.0	3400.0	0.0	0.0
	Mean:	2605.5	2559.3	-46.1	-2.8
	Median:	2783.6	2753.7	-31.7	-1.3
	Min:	577.0	550.0	-279.1	-30.2
	Max:	3400.0	3400.0	58.1	2.1

Shasta Reservoir Water Surface Elevation

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	997.6	997.3	-0.3	0.0
1923	BN	1002.9	998.7	-4.2	-0.4
1924	C	961.0	956.2	-4.8	-0.5
1925	D	838.2	834.2	-4.0	-0.5
1926	D	946.5	942.7	-3.8	-0.4
1927	W	938.8	938.2	-0.5	-0.1
1928	AN	1012.4	1008.9	-3.5	-0.3
1929	C	990.0	988.6	-1.4	-0.1
1930	D	948.7	939.4	-9.2	-1.0
1931	C	961.6	954.5	-7.1	-0.7
1932	D	843.5	837.2	-6.3	-0.7
1933	C	881.9	860.4	-21.5	-2.4
1934	C	864.9	844.9	-20.0	-2.3
1935	BN	840.9	834.2	-6.7	-0.8
1936	BN	931.7	930.4	-1.3	-0.1
1937	BN	961.8	961.5	-0.3	0.0
1938	W	977.6	976.8	-0.8	-0.1
1939	D	1016.9	1016.9	0.0	0.0
1940	AN	959.4	956.2	-3.2	-0.3
1941	W	995.3	991.7	-3.6	-0.4
1942	W	1016.9	1016.9	0.0	0.0
1943	W	1016.9	1016.9	0.0	0.0
1944	D	1014.0	1011.5	-2.5	-0.2
1945	BN	982.8	980.7	-2.0	-0.2
1946	BN	1003.7	999.4	-4.3	-0.4
1947	D	997.3	992.4	-4.9	-0.5
1948	BN	974.8	976.3	1.5	0.2
1949	D	1016.9	1016.9	0.0	0.0
1950	BN	990.0	988.8	-1.2	-0.1
1951	AN	1006.1	1003.7	-2.4	-0.2
1952	W	997.6	997.7	0.1	0.0
1953	W	1016.9	1016.9	0.0	0.0
1954	AN	1016.9	1016.9	0.0	0.0
1955	D	1012.9	1015.0	2.1	0.2
1956	W	987.5	986.2	-1.3	-0.1
1957	AN	1016.9	1016.9	0.0	0.0
1958	W	1016.9	1016.9	0.0	0.0
1959	BN	1016.9	1016.9	0.0	0.0
1960	D	979.4	977.0	-2.5	-0.3
1961	D	984.8	987.2	2.3	0.2
1962	BN	986.2	986.8	0.6	0.1
1963	W	1016.9	1016.9	0.0	0.0
1964	D	1016.9	1016.9	0.0	0.0
1965	W	977.9	976.5	-1.4	-0.1
1966	BN	1015.8	1014.2	-1.5	-0.1
1967	W	996.8	998.8	2.0	0.2
1968	BN	1016.9	1016.9	0.0	0.0
1969	W	994.4	994.1	-0.4	0.0
1970	W	1016.9	1016.9	0.0	0.0
1971	W	993.1	991.5	-1.5	-0.2
1972	BN	1016.9	1016.9	0.0	0.0
1973	AN	1006.0	1004.2	-1.8	-0.2
1974	W	1016.9	1014.8	-2.1	-0.2
1975	W	1016.9	1016.9	0.0	0.0
1976	C	1016.9	1016.9	0.0	0.0
1977	C	998.2	991.6	-6.6	-0.7
1978	AN	834.2	834.2	0.0	0.0
1979	BN	1015.2	1014.7	-0.5	0.0
1980	AN	1001.9	999.3	-2.5	-0.2
1981	D	1010.2	1003.7	-6.5	-0.6
1982	W	987.6	985.6	-2.0	-0.2
1983	W	1016.9	1016.9	0.0	0.0
1984	W	1016.9	1016.9	0.0	0.0
1985	D	1016.3	1015.0	-1.3	-0.1
1986	W	969.9	971.1	1.3	0.1
1987	D	1000.1	997.4	-2.7	-0.3
1988	C	962.2	959.1	-3.2	-0.3
1989	D	926.3	923.5	-2.7	-0.3
1990	C	986.1	979.6	-6.5	-0.7
1991	C	947.0	936.2	-10.9	-1.2
1992	C	911.7	892.6	-19.2	-2.1
1993	AN	856.3	852.1	-4.2	-0.5
	Mean:	979.2	976.5	-2.7	-0.3
	Median:	997.0	993.2	-1.4	-0.1
	Min:	834.2	834.2	-21.5	-2.4
	Max:	1016.9	1016.9	2.3	0.2

Shasta Reservoir Water Surface Elevation

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	998.8	998.1	-0.7	-0.1
1923	BN	1003.4	999.2	-4.2	-0.4
1924	C	956.7	952.0	-4.7	-0.5
1925	D	849.2	846.4	-2.8	-0.3
1926	D	946.4	942.5	-3.9	-0.4
1927	W	965.7	965.2	-0.5	-0.1
1928	AN	1017.0	1017.0	0.0	0.0
1929	C	989.9	988.5	-1.4	-0.1
1930	D	946.3	935.2	-11.1	-1.2
1931	C	960.7	952.9	-7.8	-0.8
1932	D	844.7	835.7	-8.9	-1.1
1933	C	880.3	858.9	-21.4	-2.4
1934	C	861.6	844.2	-17.4	-2.0
1935	BN	849.8	844.6	-5.2	-0.6
1936	BN	927.2	928.1	1.0	0.1
1937	BN	957.0	956.4	-0.6	-0.1
1938	W	1001.8	1001.3	-0.5	0.0
1939	D	1017.0	1014.8	-2.2	-0.2
1940	AN	954.8	951.7	-3.1	-0.3
1941	W	995.7	992.1	-3.6	-0.4
1942	W	1016.5	1015.1	-1.5	-0.1
1943	W	1017.0	1017.0	0.0	0.0
1944	D	1013.1	1011.9	-1.2	-0.1
1945	BN	990.4	989.1	-1.3	-0.1
1946	BN	1013.5	1009.1	-4.3	-0.4
1947	D	999.7	994.6	-5.1	-0.5
1948	BN	975.5	976.8	1.2	0.1
1949	D	1015.6	1015.2	-0.4	0.0
1950	BN	987.4	986.1	-1.2	-0.1
1951	AN	1017.0	1017.0	0.0	0.0
1952	W	1004.4	1004.5	0.1	0.0
1953	W	1015.5	1014.8	-0.7	-0.1
1954	AN	1017.0	1017.0	0.0	0.0
1955	D	1016.7	1016.9	0.2	0.0
1956	W	990.0	989.0	-1.1	-0.1
1957	AN	1014.7	1014.3	-0.4	0.0
1958	W	1016.4	1016.1	-0.3	0.0
1959	BN	1016.4	1014.3	-2.1	-0.2
1960	D	974.2	969.8	-4.4	-0.5
1961	D	988.0	989.9	1.9	0.2
1962	BN	983.1	983.3	0.2	0.0
1963	W	1017.0	1017.0	0.0	0.0
1964	D	1017.0	1017.0	0.0	0.0
1965	W	983.7	982.7	-1.0	-0.1
1966	BN	1017.0	1017.0	0.0	0.0
1967	W	1011.0	1013.0	2.0	0.2
1968	BN	1016.6	1016.0	-0.5	0.0
1969	W	995.9	995.2	-0.7	-0.1
1970	W	1016.8	1016.5	-0.3	0.0
1971	W	1012.4	1010.8	-1.5	-0.1
1972	BN	1014.7	1014.7	0.0	0.0
1973	AN	1016.1	1014.3	-1.8	-0.2
1974	W	1017.0	1017.0	0.0	0.0
1975	W	1017.0	1016.0	-0.9	-0.1
1976	C	1017.0	1017.0	0.0	0.0
1977	C	996.9	990.3	-6.6	-0.7
1978	AN	835.1	838.4	3.4	0.4
1979	BN	1013.7	1012.1	-1.6	-0.2
1980	AN	1006.7	1003.2	-3.6	-0.4
1981	D	1006.7	1003.3	-3.4	-0.3
1982	W	1017.0	1017.0	0.0	0.0
1983	W	1017.0	1017.0	0.0	0.0
1984	W	1017.0	1017.0	0.0	0.0
1985	D	1017.0	1017.0	0.0	0.0
1986	W	970.8	972.7	1.9	0.2
1987	D	999.4	996.6	-2.7	-0.3
1988	C	960.8	959.6	-1.2	-0.1
1989	D	940.7	938.6	-2.1	-0.2
1990	C	985.1	979.3	-5.8	-0.6
1991	C	946.7	935.9	-10.8	-1.1
1992	C	907.1	882.9	-24.2	-2.7
1993	AN	853.7	846.6	-7.2	-0.8
	Mean:	981.5	978.9	-2.6	-0.3
	Median:	1000.7	998.7	-1.1	-0.1
	Min:	835.1	835.7	-24.2	-2.7
	Max:	1017.0	1017.0	3.4	0.4

Shasta Reservoir Water Surface Elevation

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1002.4	1001.3	-1.2	-0.1
1923	BN	1007.3	1003.1	-4.2	-0.4
1924	C	954.8	950.0	-4.8	-0.5
1925	D	858.5	855.7	-2.8	-0.3
1926	D	949.1	945.0	-4.0	-0.4
1927	W	992.2	991.8	-0.4	0.0
1928	AN	1019.6	1020.7	1.0	0.1
1929	C	990.1	988.8	-1.4	-0.1
1930	D	975.8	965.3	-10.5	-1.1
1931	C	959.9	951.8	-8.1	-0.8
1932	D	864.6	854.9	-9.7	-1.1
1933	C	879.1	857.7	-21.4	-2.4
1934	C	874.4	856.2	-18.3	-2.1
1935	BN	853.6	848.4	-5.2	-0.6
1936	BN	927.8	928.7	1.0	0.1
1937	BN	953.5	954.2	0.6	0.1
1938	W	1019.5	1019.5	0.0	0.0
1939	D	1021.3	1019.6	-1.7	-0.2
1940	AN	962.3	959.2	-3.0	-0.3
1941	W	1018.8	1018.8	0.0	0.0
1942	W	1019.8	1019.8	0.0	0.0
1943	W	1021.5	1021.5	0.0	0.0
1944	D	1011.7	1010.5	-1.2	-0.1
1945	BN	1002.6	1001.4	-1.1	-0.1
1946	BN	1017.6	1017.6	0.0	0.0
1947	D	1002.5	997.1	-5.5	-0.5
1948	BN	976.6	977.7	1.0	0.1
1949	D	1015.0	1014.6	-0.4	0.0
1950	BN	985.3	983.5	-1.8	-0.2
1951	AN	1020.0	1020.0	0.0	0.0
1952	W	1019.3	1019.3	0.0	0.0
1953	W	1021.0	1021.0	0.0	0.0
1954	AN	1021.9	1021.9	0.0	0.0
1955	D	1021.7	1021.7	0.0	0.0
1956	W	1017.0	1017.0	0.0	0.0
1957	AN	1015.7	1015.2	-0.5	0.0
1958	W	1020.7	1020.7	0.0	0.0
1959	BN	1017.6	1015.9	-1.7	-0.2
1960	D	974.1	969.4	-4.7	-0.5
1961	D	1006.4	1007.9	1.5	0.1
1962	BN	996.1	996.0	-0.2	0.0
1963	W	1021.2	1021.2	0.0	0.0
1964	D	1020.1	1020.1	0.0	0.0
1965	W	1017.0	1017.0	0.0	0.0
1966	BN	1020.2	1020.2	0.0	0.0
1967	W	1020.6	1020.6	0.0	0.0
1968	BN	1019.9	1019.5	-0.4	0.0
1969	W	1009.4	1007.5	-1.9	-0.2
1970	W	1019.8	1019.8	0.0	0.0
1971	W	1019.9	1019.9	0.0	0.0
1972	BN	1020.2	1020.2	0.0	0.0
1973	AN	1021.1	1021.1	0.0	0.0
1974	W	1017.6	1017.6	0.0	0.0
1975	W	1021.6	1020.9	-0.7	-0.1
1976	C	1019.8	1019.8	0.0	0.0
1977	C	996.0	989.4	-6.6	-0.7
1978	AN	892.5	883.9	-8.7	-1.0
1979	BN	1011.4	1010.2	-1.2	-0.1
1980	AN	1011.3	1008.2	-3.2	-0.3
1981	D	1010.4	1007.4	-3.0	-0.3
1982	W	1018.0	1018.0	0.0	0.0
1983	W	1020.3	1020.3	0.0	0.0
1984	W	1018.4	1018.4	0.0	0.0
1985	D	1021.7	1021.7	0.0	0.0
1986	W	979.8	982.2	2.4	0.2
1987	D	998.7	995.9	-2.7	-0.3
1988	C	988.3	987.5	-0.8	-0.1
1989	D	946.3	944.2	-2.1	-0.2
1990	C	982.1	976.9	-5.2	-0.5
1991	C	944.2	934.9	-9.3	-1.0
1992	C	906.7	882.4	-24.3	-2.7
1993	AN	877.7	870.6	-7.2	-0.8
	Mean:	988.6	986.1	-2.6	-0.3
	Median:	1011.4	1009.2	-0.4	0.0
	Min:	853.6	848.4	-24.3	-2.7
	Max:	1021.9	1021.9	2.4	0.2

Shasta Reservoir Water Surface Elevation

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1007.0	1005.4	-1.6	-0.2
1923	BN	1015.9	1012.1	-3.8	-0.4
1924	C	959.8	955.3	-4.5	-0.5
1925	D	880.6	873.9	-6.7	-0.8
1926	D	951.5	947.5	-4.0	-0.4
1927	W	1012.9	1012.5	-0.4	0.0
1928	AN	1028.3	1032.5	4.3	0.4
1929	C	994.3	993.6	-0.7	-0.1
1930	D	986.8	976.9	-9.9	-1.0
1931	C	964.1	955.9	-8.1	-0.8
1932	D	885.4	869.6	-15.8	-1.8
1933	C	881.6	860.1	-21.5	-2.4
1934	C	903.6	885.0	-18.6	-2.1
1935	BN	883.6	878.1	-5.6	-0.6
1936	BN	964.9	966.2	1.3	0.1
1937	BN	952.3	953.0	0.6	0.1
1938	W	1033.9	1033.9	0.0	0.0
1939	D	1029.5	1028.0	-1.5	-0.1
1940	AN	1005.7	1003.3	-2.3	-0.2
1941	W	1019.8	1019.8	0.0	0.0
1942	W	1022.9	1022.9	0.0	0.0
1943	W	1029.5	1029.5	0.0	0.0
1944	D	1015.2	1013.5	-1.7	-0.2
1945	BN	1011.2	1010.1	-1.1	-0.1
1946	BN	1033.1	1033.1	0.0	0.0
1947	D	1003.0	997.6	-5.4	-0.5
1948	BN	1002.9	1003.7	0.8	0.1
1949	D	1014.8	1014.3	-0.4	0.0
1950	BN	996.0	994.8	-1.2	-0.1
1951	AN	1033.1	1033.1	0.0	0.0
1952	W	1032.3	1032.3	0.0	0.0
1953	W	1021.9	1021.9	0.0	0.0
1954	AN	1030.0	1030.0	0.0	0.0
1955	D	1024.9	1024.9	0.0	0.0
1956	W	1017.0	1017.0	0.0	0.0
1957	AN	1020.2	1020.0	-0.2	0.0
1958	W	1029.1	1029.1	0.0	0.0
1959	BN	1034.2	1034.2	0.0	0.0
1960	D	985.2	980.9	-4.3	-0.4
1961	D	1015.5	1016.7	1.2	0.1
1962	BN	998.8	998.2	-0.6	-0.1
1963	W	1026.0	1026.0	0.0	0.0
1964	D	1035.9	1035.9	0.0	0.0
1965	W	1022.0	1022.0	0.0	0.0
1966	BN	1037.4	1037.4	0.0	0.0
1967	W	1030.0	1030.0	0.0	0.0
1968	BN	1030.4	1029.9	-0.4	0.0
1969	W	1021.6	1021.6	0.0	0.0
1970	W	1017.0	1017.0	0.0	0.0
1971	W	1028.4	1028.4	0.0	0.0
1972	BN	1035.1	1035.2	0.0	0.0
1973	AN	1030.0	1030.0	0.0	0.0
1974	W	1017.0	1017.0	0.0	0.0
1975	W	1026.8	1028.0	1.2	0.1
1976	C	1029.0	1029.0	0.0	0.0
1977	C	997.3	991.4	-5.9	-0.6
1978	AN	1006.4	1003.0	-3.4	-0.3
1979	BN	1014.9	1016.3	1.3	0.1
1980	AN	1029.0	1029.0	0.0	0.0
1981	D	1023.3	1020.3	-3.0	-0.3
1982	W	1032.8	1032.8	0.0	0.0
1983	W	1022.2	1022.2	0.0	0.0
1984	W	1034.3	1034.3	0.0	0.0
1985	D	1025.7	1025.8	0.1	0.0
1986	W	1004.8	1006.3	1.5	0.1
1987	D	1003.8	1001.0	-2.7	-0.3
1988	C	1007.2	1006.5	-0.7	-0.1
1989	D	952.3	950.2	-2.1	-0.2
1990	C	992.6	988.9	-3.6	-0.4
1991	C	944.3	935.1	-9.2	-1.0
1992	C	910.1	887.2	-22.9	-2.5
1993	AN	931.9	926.8	-5.0	-0.5
	Mean:	1000.7	998.4	-2.3	-0.2
	Median:	1016.5	1016.9	0.0	0.0
	Min:	880.6	860.1	-22.9	-2.5
	Max:	1037.4	1037.4	4.3	0.4

Shasta Reservoir Water Surface Elevation

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1019.6	1018.4	-1.2	-0.1
1923	BN	1018.5	1014.7	-3.8	-0.4
1924	C	968.7	964.4	-4.3	-0.4
1925	D	968.2	964.6	-3.6	-0.4
1926	D	990.4	987.3	-3.1	-0.3
1927	W	1026.1	1026.1	0.0	0.0
1928	AN	1043.9	1047.4	3.5	0.3
1929	C	1002.4	1001.7	-0.7	-0.1
1930	D	1002.1	995.0	-7.1	-0.7
1931	C	968.9	960.5	-8.4	-0.9
1932	D	897.4	882.5	-15.0	-1.7
1933	C	885.7	864.2	-21.5	-2.4
1934	C	927.3	912.7	-14.6	-1.6
1935	BN	912.3	908.6	-3.7	-0.4
1936	BN	1007.8	1008.7	1.0	0.1
1937	BN	957.6	958.2	0.6	0.1
1938	W	1030.4	1030.4	0.0	0.0
1939	D	1033.0	1033.6	0.6	0.1
1940	AN	1017.0	1017.0	0.0	0.0
1941	W	1024.4	1024.4	0.0	0.0
1942	W	1028.4	1028.4	0.0	0.0
1943	W	1041.8	1041.8	0.0	0.0
1944	D	1025.4	1023.7	-1.7	-0.2
1945	BN	1041.0	1040.1	-0.9	-0.1
1946	BN	1035.7	1029.7	-6.0	-0.6
1947	D	1011.7	1006.8	-4.8	-0.5
1948	BN	994.9	996.9	1.9	0.2
1949	D	1020.0	1019.6	-0.4	0.0
1950	BN	1011.5	1010.5	-1.0	-0.1
1951	AN	1039.9	1039.9	0.0	0.0
1952	W	1037.9	1037.9	0.0	0.0
1953	W	1037.0	1037.0	0.0	0.0
1954	AN	1034.7	1034.7	0.0	0.0
1955	D	1029.7	1026.5	-3.2	-0.3
1956	W	1018.6	1018.6	0.0	0.0
1957	AN	1035.4	1035.4	0.0	0.0
1958	W	1017.0	1017.0	0.0	0.0
1959	BN	1039.3	1039.3	0.0	0.0
1960	D	1015.8	1012.9	-2.9	-0.3
1961	D	1044.2	1043.3	-0.9	-0.1
1962	BN	1035.4	1035.4	0.0	0.0
1963	W	1045.3	1045.3	0.0	0.0
1964	D	1041.5	1042.6	1.1	0.1
1965	W	1040.2	1040.2	0.0	0.0
1966	BN	1048.6	1048.6	0.0	0.0
1967	W	1044.4	1044.4	0.0	0.0
1968	BN	1034.4	1034.4	0.0	0.0
1969	W	1026.9	1026.9	0.0	0.0
1970	W	1024.8	1024.8	0.0	0.0
1971	W	1034.0	1035.5	1.5	0.1
1972	BN	1046.5	1046.5	0.0	0.0
1973	AN	1033.7	1033.7	0.0	0.0
1974	W	1036.2	1036.2	0.0	0.0
1975	W	1045.0	1045.0	0.0	0.0
1976	C	1033.8	1034.8	1.0	0.1
1977	C	995.2	991.2	-4.0	-0.4
1978	AN	1030.7	1030.7	0.0	0.0
1979	BN	1027.2	1028.3	1.1	0.1
1980	AN	1018.7	1018.7	0.0	0.0
1981	D	1037.8	1037.8	0.0	0.0
1982	W	1029.1	1029.1	0.0	0.0
1983	W	1017.0	1017.0	0.0	0.0
1984	W	1047.1	1047.1	0.0	0.0
1985	D	1031.5	1031.6	0.1	0.0
1986	W	1017.0	1017.0	0.0	0.0
1987	D	1018.5	1015.8	-2.7	-0.3
1988	C	1001.1	1001.2	0.1	0.0
1989	D	958.5	956.4	-2.1	-0.2
1990	C	988.7	985.6	-3.1	-0.3
1991	C	944.8	937.1	-7.6	-0.8
1992	C	953.7	939.0	-14.8	-1.6
1993	AN	974.7	970.8	-3.9	-0.4
	Mean:	1012.8	1011.0	-1.9	-0.2
	Median:	1025.7	1025.4	0.0	0.0
	Min:	885.7	864.2	-21.5	-2.4
	Max:	1048.6	1048.6	3.5	0.3

Shasta Reservoir Water Surface Elevation

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1032.8	1031.6	-1.2	-0.1
1923	BN	1020.7	1017.1	-3.6	-0.4
1924	C	963.9	960.8	-3.2	-0.3
1925	D	975.4	973.9	-1.5	-0.2
1926	D	998.9	996.1	-2.8	-0.3
1927	W	1048.5	1048.5	0.0	0.0
1928	AN	1046.0	1046.0	0.0	0.0
1929	C	1009.7	1009.0	-0.7	-0.1
1930	D	1020.6	1015.6	-5.0	-0.5
1931	C	978.1	969.6	-8.4	-0.9
1932	D	928.3	917.8	-10.5	-1.1
1933	C	932.8	917.7	-15.1	-1.6
1934	C	946.2	932.4	-13.8	-1.5
1935	BN	940.2	937.2	-3.0	-0.3
1936	BN	1020.3	1021.2	0.9	0.1
1937	BN	991.9	992.4	0.5	0.1
1938	W	1024.1	1024.1	0.0	0.0
1939	D	1047.9	1048.4	0.5	0.0
1940	AN	1024.9	1024.9	0.0	0.0
1941	W	1045.1	1045.1	0.0	0.0
1942	W	1043.5	1043.5	0.0	0.0
1943	W	1051.5	1051.5	0.0	0.0
1944	D	1035.5	1033.8	-1.7	-0.2
1945	BN	1049.4	1048.5	-0.9	-0.1
1946	BN	1049.9	1045.0	-4.9	-0.5
1947	D	1031.4	1027.2	-4.2	-0.4
1948	BN	1009.4	1011.4	1.9	0.2
1949	D	1049.8	1049.8	0.0	0.0
1950	BN	1027.6	1026.7	-1.0	-0.1
1951	AN	1053.7	1053.7	0.0	0.0
1952	W	1048.0	1048.0	0.0	0.0
1953	W	1051.2	1051.4	0.2	0.0
1954	AN	1051.1	1051.1	0.0	0.0
1955	D	1036.3	1033.8	-2.5	-0.2
1956	W	1045.6	1045.9	0.4	0.0
1957	AN	1051.9	1051.9	0.0	0.0
1958	W	1024.1	1024.1	0.0	0.0
1959	BN	1047.2	1047.6	0.4	0.0
1960	D	1041.4	1039.3	-2.1	-0.2
1961	D	1057.3	1057.3	0.0	0.0
1962	BN	1051.5	1051.5	0.0	0.0
1963	W	1048.3	1046.9	-1.4	-0.1
1964	D	1046.9	1046.2	-0.7	-0.1
1965	W	1042.2	1043.8	1.6	0.2
1966	BN	1055.4	1055.4	0.0	0.0
1967	W	1048.4	1048.4	0.0	0.0
1968	BN	1054.1	1054.1	0.0	0.0
1969	W	1048.3	1048.3	0.0	0.0
1970	W	1049.5	1049.5	0.0	0.0
1971	W	1042.7	1042.7	0.0	0.0
1972	BN	1056.2	1056.2	0.0	0.0
1973	AN	1053.1	1053.1	0.0	0.0
1974	W	1024.1	1024.1	0.0	0.0
1975	W	1038.5	1038.5	0.0	0.0
1976	C	1042.5	1041.8	-0.7	-0.1
1977	C	994.2	990.0	-4.2	-0.4
1978	AN	1047.3	1047.3	0.0	0.0
1979	BN	1047.0	1045.2	-1.8	-0.2
1980	AN	1045.1	1045.1	0.0	0.0
1981	D	1056.4	1056.4	0.0	0.0
1982	W	1045.6	1045.6	0.0	0.0
1983	W	1024.2	1024.2	0.0	0.0
1984	W	1056.1	1056.1	0.0	0.0
1985	D	1040.0	1037.6	-2.4	-0.2
1986	W	1029.2	1029.2	0.0	0.0
1987	D	1047.8	1045.5	-2.3	-0.2
1988	C	1003.8	1002.1	-1.7	-0.2
1989	D	1024.7	1023.1	-1.6	-0.2
1990	C	1000.3	997.2	-3.1	-0.3
1991	C	967.7	960.3	-7.4	-0.8
1992	C	979.0	964.2	-14.7	-1.5
1993	AN	1039.9	1037.4	-2.5	-0.2
	Mean:	1027.8	1026.1	-1.7	-0.2
	Median:	1042.4	1042.3	0.0	0.0
	Min:	928.3	917.7	-15.1	-1.6
	Max:	1057.3	1057.3	1.9	0.2

Shasta Reservoir Water Surface Elevation

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1050.7	1049.7	-1.0	-0.1
1923	BN	1033.9	1030.5	-3.3	-0.3
1924	C	951.5	948.6	-2.9	-0.3
1925	D	1006.9	1005.8	-1.1	-0.1
1926	D	1011.8	1009.0	-2.7	-0.3
1927	W	1067.0	1067.0	0.0	0.0
1928	AN	1063.8	1063.8	0.0	0.0
1929	C	1012.7	1010.1	-2.6	-0.3
1930	D	1027.6	1022.7	-4.9	-0.5
1931	C	963.8	953.7	-10.1	-1.0
1932	D	939.0	929.7	-9.3	-1.0
1933	C	942.7	926.3	-16.4	-1.7
1934	C	950.6	938.8	-11.8	-1.2
1935	BN	993.9	991.7	-2.2	-0.2
1936	BN	1030.0	1030.8	0.9	0.1
1937	BN	1019.8	1020.2	0.5	0.0
1938	W	1049.3	1049.3	0.0	0.0
1939	D	1040.0	1041.0	1.0	0.1
1940	AN	1052.4	1052.4	0.0	0.0
1941	W	1063.6	1063.6	0.0	0.0
1942	W	1066.3	1066.3	0.0	0.0
1943	W	1067.0	1067.0	0.0	0.0
1944	D	1034.9	1033.9	-1.0	-0.1
1945	BN	1055.7	1054.8	-0.9	-0.1
1946	BN	1056.9	1052.6	-4.3	-0.4
1947	D	1038.2	1033.8	-4.5	-0.4
1948	BN	1046.4	1048.0	1.6	0.2
1949	D	1061.3	1061.3	0.0	0.0
1950	BN	1041.4	1040.6	-0.8	-0.1
1951	AN	1056.7	1056.8	0.1	0.0
1952	W	1057.6	1057.6	0.0	0.0
1953	W	1063.3	1063.4	0.1	0.0
1954	AN	1066.8	1066.8	0.0	0.0
1955	D	1036.9	1037.5	0.5	0.0
1956	W	1063.9	1064.2	0.4	0.0
1957	AN	1052.7	1052.4	-0.3	0.0
1958	W	1053.4	1053.4	0.0	0.0
1959	BN	1048.9	1049.5	0.5	0.0
1960	D	1046.6	1044.5	-2.1	-0.2
1961	D	1059.5	1058.4	-1.0	-0.1
1962	BN	1061.3	1061.5	0.1	0.0
1963	W	1052.2	1052.2	0.0	0.0
1964	D	1035.4	1039.1	3.7	0.4
1965	W	1065.1	1065.1	0.0	0.0
1966	BN	1067.0	1067.0	0.0	0.0
1967	W	1064.4	1064.4	0.0	0.0
1968	BN	1053.4	1052.7	-0.7	-0.1
1969	W	1062.8	1062.8	0.0	0.0
1970	W	1046.5	1046.7	0.2	0.0
1971	W	1061.5	1060.9	-0.6	-0.1
1972	BN	1063.7	1063.3	-0.4	0.0
1973	AN	1063.3	1062.4	-0.9	-0.1
1974	W	1057.6	1057.6	0.0	0.0
1975	W	1059.5	1059.5	0.0	0.0
1976	C	1045.0	1045.0	0.0	0.0
1977	C	979.6	972.1	-7.6	-0.8
1978	AN	1067.0	1067.0	0.0	0.0
1979	BN	1053.2	1051.5	-1.7	-0.2
1980	AN	1055.9	1055.2	-0.7	-0.1
1981	D	1061.4	1061.4	0.0	0.0
1982	W	1050.6	1050.6	0.0	0.0
1983	W	1049.9	1049.9	0.0	0.0
1984	W	1057.7	1058.8	1.1	0.1
1985	D	1043.9	1041.6	-2.3	-0.2
1986	W	1046.4	1045.0	-1.3	-0.1
1987	D	1041.1	1036.4	-4.6	-0.4
1988	C	1004.7	1003.0	-1.7	-0.2
1989	D	1040.6	1039.2	-1.3	-0.1
1990	C	993.6	990.8	-2.9	-0.3
1991	C	975.9	969.0	-6.9	-0.7
1992	C	990.1	977.7	-12.4	-1.3
1993	AN	1062.5	1060.1	-2.4	-0.2
	Mean:	1038.6	1036.9	-1.7	-0.2
	Median:	1050.6	1050.3	-0.2	0.0
	Min:	939.0	926.3	-16.4	-1.7
	Max:	1067.0	1067.0	3.7	0.4

Shasta Reservoir Water Surface Elevation

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1056.3	1055.3	-0.9	-0.1
1923	BN	1022.6	1019.1	-3.5	-0.3
1924	C	932.9	929.1	-3.8	-0.4
1925	D	1009.8	1008.8	-1.0	-0.1
1926	D	1005.3	1003.7	-1.6	-0.2
1927	W	1067.0	1067.0	0.0	0.0
1928	AN	1056.4	1056.0	-0.4	0.0
1929	C	1007.4	1004.6	-2.8	-0.3
1930	D	1023.0	1018.5	-4.5	-0.4
1931	C	948.0	937.6	-10.3	-1.1
1932	D	949.7	942.3	-7.4	-0.8
1933	C	946.3	930.8	-15.5	-1.6
1934	C	940.7	926.5	-14.2	-1.5
1935	BN	1003.6	1001.3	-2.3	-0.2
1936	BN	1025.3	1026.2	1.0	0.1
1937	BN	1026.7	1027.2	0.5	0.0
1938	W	1067.0	1067.0	0.0	0.0
1939	D	1027.7	1029.2	1.5	0.1
1940	AN	1050.0	1050.0	0.1	0.0
1941	W	1067.0	1067.0	0.0	0.0
1942	W	1067.0	1067.0	0.0	0.0
1943	W	1065.9	1065.9	0.0	0.0
1944	D	1030.7	1029.7	-1.0	-0.1
1945	BN	1056.1	1055.3	-0.8	-0.1
1946	BN	1054.2	1050.0	-4.2	-0.4
1947	D	1023.3	1019.9	-3.4	-0.3
1948	BN	1059.0	1060.6	1.6	0.2
1949	D	1059.4	1059.4	0.0	0.0
1950	BN	1039.7	1038.9	-0.9	-0.1
1951	AN	1057.4	1057.5	0.1	0.0
1952	W	1067.0	1067.0	0.0	0.0
1953	W	1067.0	1067.0	0.0	0.0
1954	AN	1061.0	1059.4	-1.6	-0.2
1955	D	1039.8	1040.4	0.6	0.1
1956	W	1067.0	1067.0	0.0	0.0
1957	AN	1061.8	1061.5	-0.3	0.0
1958	W	1067.0	1067.0	0.0	0.0
1959	BN	1041.5	1041.5	0.0	0.0
1960	D	1046.2	1044.3	-1.9	-0.2
1961	D	1058.5	1054.9	-3.6	-0.3
1962	BN	1058.0	1057.5	-0.5	0.0
1963	W	1062.3	1062.3	0.0	0.0
1964	D	1025.9	1030.2	4.3	0.4
1965	W	1063.7	1063.1	-0.6	-0.1
1966	BN	1062.2	1062.0	-0.2	0.0
1967	W	1067.0	1067.0	0.0	0.0
1968	BN	1049.0	1047.6	-1.4	-0.1
1969	W	1067.0	1067.0	0.0	0.0
1970	W	1041.5	1041.5	0.1	0.0
1971	W	1067.0	1067.0	0.0	0.0
1972	BN	1059.5	1058.8	-0.7	-0.1
1973	AN	1062.5	1061.6	-0.9	-0.1
1974	W	1064.4	1064.4	0.0	0.0
1975	W	1067.0	1067.0	0.0	0.0
1976	C	1039.5	1039.0	-0.5	0.0
1977	C	969.6	962.0	-7.6	-0.8
1978	AN	1067.0	1067.0	0.0	0.0
1979	BN	1054.8	1053.4	-1.4	-0.1
1980	AN	1053.8	1053.2	-0.6	-0.1
1981	D	1052.9	1052.6	-0.4	0.0
1982	W	1058.1	1058.1	0.0	0.0
1983	W	1067.0	1067.0	0.0	0.0
1984	W	1056.3	1057.0	0.7	0.1
1985	D	1030.1	1026.7	-3.3	-0.3
1986	W	1044.1	1042.7	-1.4	-0.1
1987	D	1029.6	1024.4	-5.2	-0.5
1988	C	1003.7	1001.5	-2.2	-0.2
1989	D	1032.1	1028.0	-4.1	-0.4
1990	C	1000.4	997.5	-2.8	-0.3
1991	C	971.9	965.0	-6.9	-0.7
1992	C	974.3	959.2	-15.1	-1.5
1993	AN	1067.0	1066.2	-0.8	-0.1
	Mean:	1037.7	1035.8	-1.8	-0.2
	Median:	1054.0	1052.9	-0.6	-0.1
	Min:	932.9	926.5	-15.5	-1.6
	Max:	1067.0	1067.0	4.3	0.4

Shasta Reservoir Water Surface Elevation

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1045.8	1044.4	-1.4	-0.1
1923	BN	1010.1	1006.7	-3.5	-0.3
1924	C	903.8	898.8	-5.1	-0.6
1925	D	999.5	998.6	-0.9	-0.1
1926	D	988.8	988.7	-0.1	0.0
1927	W	1056.7	1055.9	-0.8	-0.1
1928	AN	1042.0	1041.6	-0.4	0.0
1929	C	996.5	992.3	-4.3	-0.4
1930	D	1007.1	1002.6	-4.4	-0.4
1931	C	929.3	913.9	-15.3	-1.6
1932	D	939.6	929.2	-10.4	-1.1
1933	C	938.9	919.5	-19.4	-2.1
1934	C	915.6	900.5	-15.1	-1.6
1935	BN	989.4	988.2	-1.2	-0.1
1936	BN	1016.1	1017.1	1.0	0.1
1937	BN	1019.7	1020.1	0.3	0.0
1938	W	1063.9	1063.9	0.0	0.0
1939	D	1008.8	1009.5	0.8	0.1
1940	AN	1038.5	1037.7	-0.8	-0.1
1941	W	1064.6	1064.6	0.0	0.0
1942	W	1063.6	1063.6	0.0	0.0
1943	W	1057.0	1056.2	-0.8	-0.1
1944	D	1019.5	1018.4	-1.1	-0.1
1945	BN	1047.7	1046.2	-1.5	-0.1
1946	BN	1041.0	1036.8	-4.2	-0.4
1947	D	1011.5	1011.1	-0.4	0.0
1948	BN	1059.4	1061.0	1.5	0.1
1949	D	1045.5	1045.3	-0.2	0.0
1950	BN	1028.1	1026.8	-1.3	-0.1
1951	AN	1045.1	1044.3	-0.7	-0.1
1952	W	1061.6	1061.6	0.0	0.0
1953	W	1065.1	1065.1	0.0	0.0
1954	AN	1054.4	1052.0	-2.4	-0.2
1955	D	1027.3	1024.6	-2.6	-0.3
1956	W	1060.7	1060.7	0.0	0.0
1957	AN	1052.5	1054.5	2.0	0.2
1958	W	1065.1	1065.1	0.0	0.0
1959	BN	1019.5	1017.9	-1.5	-0.1
1960	D	1034.4	1030.1	-4.3	-0.4
1961	D	1044.5	1039.3	-5.1	-0.5
1962	BN	1046.0	1044.9	-1.2	-0.1
1963	W	1054.9	1054.4	-0.5	0.0
1964	D	1015.8	1019.6	3.9	0.4
1965	W	1053.0	1054.1	1.1	0.1
1966	BN	1045.3	1047.9	2.7	0.3
1967	W	1065.1	1065.1	0.0	0.0
1968	BN	1035.4	1032.8	-2.7	-0.3
1969	W	1061.5	1061.0	-0.5	0.0
1970	W	1029.9	1030.0	0.1	0.0
1971	W	1065.1	1064.8	-0.3	0.0
1972	BN	1042.4	1040.4	-2.0	-0.2
1973	AN	1048.3	1046.6	-1.7	-0.2
1974	W	1059.7	1059.0	-0.7	-0.1
1975	W	1063.0	1062.1	-0.9	-0.1
1976	C	1016.1	1016.2	0.2	0.0
1977	C	939.9	927.8	-12.1	-1.3
1978	AN	1055.7	1054.7	-1.0	-0.1
1979	BN	1036.5	1035.1	-1.4	-0.1
1980	AN	1042.9	1040.3	-2.6	-0.2
1981	D	1032.1	1033.0	0.9	0.1
1982	W	1052.2	1052.3	0.1	0.0
1983	W	1065.1	1065.1	0.0	0.0
1984	W	1047.7	1047.9	0.2	0.0
1985	D	1010.9	1009.0	-2.0	-0.2
1986	W	1027.9	1025.7	-2.1	-0.2
1987	D	1009.2	1002.4	-6.8	-0.7
1988	C	986.6	982.1	-4.5	-0.5
1989	D	1016.9	1012.2	-4.7	-0.5
1990	C	992.5	987.6	-4.9	-0.5
1991	C	956.1	949.1	-7.0	-0.7
1992	C	951.6	940.1	-11.5	-1.2
1993	AN	1065.1	1065.1	0.0	0.0
	Mean:	1026.0	1023.7	-2.3	-0.2
	Median:	1039.7	1037.2	-0.9	-0.1
	Min:	903.8	898.8	-19.4	-2.1
	Max:	1065.1	1065.1	3.9	0.4

Shasta Reservoir Water Surface Elevation

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1027.5	1025.0	-2.5	-0.2
1923	BN	991.2	988.1	-3.1	-0.3
1924	C	862.9	854.2	-8.7	-1.0
1925	D	976.6	974.9	-1.7	-0.2
1926	D	964.6	966.2	1.7	0.2
1927	W	1037.4	1035.9	-1.5	-0.1
1928	AN	1015.3	1014.8	-0.5	0.0
1929	C	979.4	971.3	-8.2	-0.8
1930	D	989.6	984.5	-5.1	-0.5
1931	C	893.6	868.3	-25.3	-2.8
1932	D	920.0	907.2	-12.8	-1.4
1933	C	916.1	890.7	-25.4	-2.8
1934	C	880.9	858.9	-22.0	-2.5
1935	BN	969.0	968.7	-0.4	0.0
1936	BN	997.1	997.8	0.6	0.1
1937	BN	1004.4	1005.0	0.6	0.1
1938	W	1049.5	1049.0	-0.5	0.0
1939	D	986.5	986.1	-0.4	0.0
1940	AN	1017.6	1015.7	-1.9	-0.2
1941	W	1052.6	1052.6	0.0	0.0
1942	W	1049.6	1048.5	-1.1	-0.1
1943	W	1037.3	1037.0	-0.4	0.0
1944	D	1003.7	1002.5	-1.3	-0.1
1945	BN	1027.5	1025.1	-2.5	-0.2
1946	BN	1021.9	1018.1	-3.8	-0.4
1947	D	991.1	992.3	1.3	0.1
1948	BN	1046.9	1047.4	0.5	0.0
1949	D	1018.5	1018.3	-0.2	0.0
1950	BN	1012.0	1010.3	-1.7	-0.2
1951	AN	1018.5	1020.4	1.9	0.2
1952	W	1052.6	1052.6	0.0	0.0
1953	W	1049.5	1050.8	1.3	0.1
1954	AN	1031.9	1030.2	-1.7	-0.2
1955	D	1005.0	1003.7	-1.3	-0.1
1956	W	1048.9	1048.2	-0.7	-0.1
1957	AN	1029.6	1034.8	5.3	0.5
1958	W	1052.6	1052.6	0.0	0.0
1959	BN	995.4	994.4	-0.9	-0.1
1960	D	1008.3	1006.0	-2.3	-0.2
1961	D	1018.4	1013.5	-4.9	-0.5
1962	BN	1024.4	1023.6	-0.8	-0.1
1963	W	1039.8	1039.9	0.0	0.0
1964	D	996.8	998.5	1.7	0.2
1965	W	1031.7	1034.7	2.9	0.3
1966	BN	1019.7	1022.9	3.2	0.3
1967	W	1052.6	1052.6	0.0	0.0
1968	BN	1009.8	1007.4	-2.4	-0.2
1969	W	1049.3	1048.0	-1.3	-0.1
1970	W	1006.4	1006.5	0.1	0.0
1971	W	1050.1	1047.8	-2.3	-0.2
1972	BN	1016.9	1017.8	0.9	0.1
1973	AN	1027.3	1025.2	-2.0	-0.2
1974	W	1051.4	1050.8	-0.6	-0.1
1975	W	1052.6	1052.6	0.0	0.0
1976	C	1001.2	996.8	-4.4	-0.4
1977	C	895.1	876.6	-18.5	-2.1
1978	AN	1038.9	1037.5	-1.4	-0.1
1979	BN	1015.3	1014.4	-0.9	-0.1
1980	AN	1026.3	1021.8	-4.5	-0.4
1981	D	1007.0	1005.3	-1.7	-0.2
1982	W	1042.1	1041.9	-0.2	0.0
1983	W	1052.6	1052.6	0.0	0.0
1984	W	1023.8	1024.0	0.2	0.0
1985	D	991.4	990.3	-1.1	-0.1
1986	W	1012.4	1009.9	-2.4	-0.2
1987	D	988.1	980.5	-7.6	-0.8
1988	C	959.8	955.0	-4.8	-0.5
1989	D	995.6	989.9	-5.7	-0.6
1990	C	969.7	960.0	-9.6	-1.0
1991	C	939.2	929.9	-9.3	-1.0
1992	C	920.3	908.6	-11.7	-1.3
1993	AN	1045.2	1044.7	-0.5	0.0
	Mean:	1005.6	1002.6	-3.0	-0.3
	Median:	1016.1	1014.6	-1.2	-0.1
	Min:	862.9	854.2	-25.4	-2.8
	Max:	1052.6	1052.6	5.3	0.5

Shasta Reservoir Water Surface Elevation

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1010.1	1006.7	-3.5	-0.3
1923	BN	971.0	966.3	-4.7	-0.5
1924	C	843.5	840.4	-3.1	-0.4
1925	D	957.0	954.1	-3.0	-0.3
1926	D	947.0	948.4	1.4	0.1
1927	W	1019.8	1017.0	-2.8	-0.3
1928	AN	1001.2	1000.0	-1.2	-0.1
1929	C	961.7	951.8	-9.9	-1.0
1930	D	970.6	963.6	-7.0	-0.7
1931	C	860.5	844.4	-16.1	-1.9
1932	D	902.1	881.6	-20.5	-2.3
1933	C	890.1	857.8	-32.3	-3.6
1934	C	846.7	841.9	-4.8	-0.6
1935	BN	947.7	943.7	-4.0	-0.4
1936	BN	977.2	977.5	0.4	0.0
1937	BN	988.1	988.2	0.1	0.0
1938	W	1036.4	1034.6	-1.8	-0.2
1939	D	968.5	964.4	-4.1	-0.4
1940	AN	1000.7	997.7	-3.0	-0.3
1941	W	1036.4	1036.4	0.0	0.0
1942	W	1036.4	1034.9	-1.6	-0.2
1943	W	1020.3	1018.8	-1.5	-0.1
1944	D	989.5	987.8	-1.7	-0.2
1945	BN	1009.9	1006.3	-3.6	-0.4
1946	BN	1005.3	1002.2	-3.2	-0.3
1947	D	974.9	976.7	1.9	0.2
1948	BN	1032.8	1032.1	-0.6	-0.1
1949	D	1000.9	1000.2	-0.7	-0.1
1950	BN	997.4	995.3	-2.1	-0.2
1951	AN	1001.7	1002.6	0.9	0.1
1952	W	1036.4	1036.4	0.0	0.0
1953	W	1036.4	1036.4	0.0	0.0
1954	AN	1017.6	1020.1	2.4	0.2
1955	D	991.8	990.4	-1.4	-0.1
1956	W	1036.4	1036.2	-0.2	0.0
1957	AN	1017.3	1018.0	0.7	0.1
1958	W	1036.4	1036.4	0.0	0.0
1959	BN	976.7	977.5	0.8	0.1
1960	D	993.4	993.7	0.3	0.0
1961	D	999.1	995.8	-3.3	-0.3
1962	BN	1007.8	1005.8	-1.9	-0.2
1963	W	1027.3	1026.2	-1.1	-0.1
1964	D	982.6	981.2	-1.4	-0.1
1965	W	1019.9	1020.5	0.5	0.0
1966	BN	1005.3	1008.3	3.1	0.3
1967	W	1036.4	1036.4	0.0	0.0
1968	BN	999.4	997.8	-1.6	-0.2
1969	W	1036.4	1033.8	-2.7	-0.3
1970	W	993.1	992.7	-0.4	0.0
1971	W	1036.4	1035.4	-1.0	-0.1
1972	BN	1002.5	1002.3	-0.2	0.0
1973	AN	1016.2	1013.1	-3.1	-0.3
1974	W	1036.4	1036.4	0.0	0.0
1975	W	1036.4	1036.4	0.0	0.0
1976	C	999.2	994.9	-4.3	-0.4
1977	C	851.4	834.2	-17.1	-2.0
1978	AN	1022.6	1019.8	-2.8	-0.3
1979	BN	1003.5	1001.6	-1.9	-0.2
1980	AN	1012.7	1007.0	-5.8	-0.6
1981	D	992.4	988.8	-3.6	-0.4
1982	W	1032.4	1030.8	-1.6	-0.2
1983	W	1036.4	1036.4	0.0	0.0
1984	W	1014.4	1013.9	-0.6	-0.1
1985	D	975.3	973.4	-1.8	-0.2
1986	W	998.4	995.8	-2.5	-0.3
1987	D	973.0	966.7	-6.3	-0.6
1988	C	942.4	938.4	-4.1	-0.4
1989	D	979.8	971.3	-8.6	-0.9
1990	C	952.0	945.0	-7.0	-0.7
1991	C	919.9	909.4	-10.5	-1.1
1992	C	885.2	872.0	-13.3	-1.5
1993	AN	1035.0	1034.5	-0.5	0.0
	Mean:	989.0	985.8	-3.3	-0.4
	Median:	1000.8	998.9	-1.8	-0.2
	Min:	843.5	834.2	-32.3	-3.6
	Max:	1036.4	1036.4	3.1	0.3

Shasta Reservoir Water Surface Elevation

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1002.9	998.7	-4.2	-0.4
1923	BN	964.6	959.7	-4.8	-0.5
1924	C	838.5	834.2	-4.3	-0.5
1925	D	949.6	946.0	-3.6	-0.4
1926	D	940.7	942.7	2.0	0.2
1927	W	1013.6	1010.0	-3.6	-0.4
1928	AN	993.9	992.5	-1.4	-0.1
1929	C	954.9	944.7	-10.1	-1.1
1930	D	964.2	957.1	-7.1	-0.7
1931	C	845.8	839.4	-6.4	-0.8
1932	D	889.5	867.9	-21.5	-2.4
1933	C	874.7	845.6	-29.0	-3.3
1934	C	843.1	835.1	-8.0	-0.9
1935	BN	935.8	931.9	-3.9	-0.4
1936	BN	967.9	967.7	-0.2	0.0
1937	BN	980.3	979.3	-1.0	-0.1
1938	W	1023.4	1023.4	0.0	0.0
1939	D	963.8	960.4	-3.5	-0.4
1940	AN	995.9	992.2	-3.7	-0.4
1941	W	1023.4	1023.4	0.0	0.0
1942	W	1023.4	1023.4	0.0	0.0
1943	W	1014.9	1012.6	-2.3	-0.2
1944	D	983.2	980.9	-2.2	-0.2
1945	BN	1002.7	998.4	-4.4	-0.4
1946	BN	1000.5	995.6	-5.0	-0.5
1947	D	969.9	971.7	1.7	0.2
1948	BN	1023.4	1023.4	0.0	0.0
1949	D	994.3	993.1	-1.2	-0.1
1950	BN	993.8	991.4	-2.4	-0.2
1951	AN	997.4	997.5	0.1	0.0
1952	W	1023.4	1023.4	0.0	0.0
1953	W	1023.4	1023.4	0.0	0.0
1954	AN	1015.8	1017.8	1.9	0.2
1955	D	988.7	987.2	-1.5	-0.2
1956	W	1023.4	1023.4	0.0	0.0
1957	AN	1018.6	1019.3	0.7	0.1
1958	W	1023.4	1023.4	0.0	0.0
1959	BN	984.2	984.1	-0.1	0.0
1960	D	988.9	990.5	1.6	0.2
1961	D	994.8	991.4	-3.4	-0.3
1962	BN	1003.4	1000.7	-2.7	-0.3
1963	W	1023.4	1023.0	-0.4	0.0
1964	D	977.5	975.9	-1.6	-0.2
1965	W	1017.4	1017.1	-0.3	0.0
1966	BN	1001.9	1004.4	2.5	0.2
1967	W	1023.4	1023.4	0.0	0.0
1968	BN	995.5	995.3	-0.3	0.0
1969	W	1023.4	1023.4	0.0	0.0
1970	W	991.5	990.4	-1.1	-0.1
1971	W	1023.4	1023.4	0.0	0.0
1972	BN	1001.9	1001.4	-0.5	0.0
1973	AN	1014.6	1010.9	-3.7	-0.4
1974	W	1023.4	1023.4	0.0	0.0
1975	W	1023.4	1023.4	0.0	0.0
1976	C	997.8	995.5	-2.3	-0.2
1977	C	846.1	834.2	-11.9	-1.4
1978	AN	1021.7	1019.2	-2.5	-0.2
1979	BN	999.7	997.2	-2.5	-0.3
1980	AN	1011.0	1004.5	-6.5	-0.6
1981	D	988.9	984.5	-4.4	-0.4
1982	W	1023.4	1023.4	0.0	0.0
1983	W	1023.4	1023.4	0.0	0.0
1984	W	1014.3	1013.0	-1.3	-0.1
1985	D	973.8	972.1	-1.7	-0.2
1986	W	998.9	996.2	-2.7	-0.3
1987	D	966.2	961.4	-4.7	-0.5
1988	C	933.3	929.5	-3.8	-0.4
1989	D	981.1	973.1	-8.0	-0.8
1990	C	949.0	941.1	-7.9	-0.8
1991	C	912.8	901.9	-10.9	-1.2
1992	C	866.7	859.1	-7.6	-0.9
1993	AN	1023.4	1023.4	0.0	0.0
	Mean:	982.4	979.3	-3.0	-0.3
	Median:	996.7	995.4	-1.7	-0.2
	Min:	838.5	834.2	-29.0	-3.3
	Max:	1023.4	1023.4	2.5	0.2

Shasta Reservoir Water Surface Area

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	21553.9	21513.4	-40.6	-0.2
1923	BN	22201.3	21684.6	-516.7	-2.3
1924	C	17553.2	17061.8	-491.4	-2.8
1925	D	7216.6	7001.8	-214.8	-3.0
1926	D	16064.9	15679.9	-385.0	-2.4
1927	W	15278.1	15224.5	-53.7	-0.4
1928	AN	23375.7	22946.9	-428.8	-1.8
1929	C	20615.3	20441.3	-174.0	-0.8
1930	D	16289.1	15344.6	-944.4	-5.8
1931	C	17607.5	16883.8	-723.8	-4.1
1932	D	7627.3	7157.9	-469.4	-6.2
1933	C	10596.3	8935.6	-1660.7	-15.7
1934	C	9281.6	7733.2	-1548.3	-16.7
1935	BN	7426.4	7002.7	-423.7	-5.7
1936	BN	14674.1	14559.7	-114.4	-0.8
1937	BN	17632.0	17600.5	-31.5	-0.2
1938	W	19251.0	19164.7	-86.3	-0.4
1939	D	23926.5	23926.5	0.0	0.0
1940	AN	17385.0	17059.3	-325.7	-1.9
1941	W	21265.2	20827.6	-437.5	-2.1
1942	W	23926.5	23926.5	0.0	0.0
1943	W	23926.5	23926.5	0.0	0.0
1944	D	23569.7	23264.0	-305.7	-1.3
1945	BN	19772.0	19563.4	-208.6	-1.1
1946	BN	22303.2	21768.3	-535.0	-2.4
1947	D	21508.8	20905.1	-603.7	-2.8
1948	BN	18963.0	19112.3	149.3	0.8
1949	D	23926.5	23926.5	0.0	0.0
1950	BN	20620.3	20469.4	-150.9	-0.7
1951	AN	22595.5	22302.0	-293.5	-1.3
1952	W	21552.1	21561.5	9.5	0.0
1953	W	23926.5	23926.5	0.0	0.0
1954	AN	23926.5	23926.5	0.0	0.0
1955	D	23434.0	23689.8	255.9	1.1
1956	W	20299.6	20144.0	-155.5	-0.8
1957	AN	23926.5	23926.5	0.0	0.0
1958	W	23926.5	23926.5	0.0	0.0
1959	BN	23926.5	23926.5	0.0	0.0
1960	D	19449.9	19203.3	-246.6	-1.3
1961	D	19977.7	20264.2	286.5	1.4
1962	BN	20150.1	20222.7	72.6	0.4
1963	W	23926.5	23926.5	0.0	0.0
1964	D	23926.5	23926.5	0.0	0.0
1965	W	19275.7	19128.9	-146.7	-0.8
1966	BN	23787.6	23599.6	-188.0	-0.8
1967	W	21452.7	21701.2	248.5	1.2
1968	BN	23926.5	23926.5	0.0	0.0
1969	W	21159.5	21114.6	-44.9	-0.2
1970	W	23926.5	23926.5	0.0	0.0
1971	W	20992.2	20803.1	-189.1	-0.9
1972	BN	23926.5	23926.5	0.0	0.0
1973	AN	22590.6	22367.4	-223.2	-1.0
1974	W	23926.5	23673.0	-253.6	-1.1
1975	W	23926.5	23926.5	0.0	0.0
1976	C	23926.5	23926.5	0.0	0.0
1977	C	21625.6	20810.7	-814.9	-3.8
1978	AN	7022.8	7001.8	-21.0	-0.3
1979	BN	23721.0	23659.4	-61.5	-0.3
1980	AN	22074.5	21763.0	-311.5	-1.4
1981	D	23101.9	22301.9	-800.0	-3.5
1982	W	20317.9	20073.1	-244.8	-1.2
1983	W	23926.5	23926.5	0.0	0.0
1984	W	23926.5	23926.5	0.0	0.0
1985	D	23851.8	23690.4	-161.4	-0.7
1986	W	18453.0	18583.8	130.8	0.7
1987	D	21862.7	21526.4	-336.3	-1.5
1988	C	17675.2	17352.7	-322.5	-1.8
1989	D	14214.6	13979.8	-234.7	-1.7
1990	C	20135.8	19451.0	-684.8	-3.4
1991	C	16123.2	15049.8	-1073.4	-6.7
1992	C	12986.1	11506.2	-1479.9	-11.4
1993	AN	8614.2	8290.1	-324.0	-3.8
	Mean:	19899.1	19644.4	-254.6	-1.7
	Median:	21480.8	21009.9	-158.5	-0.8
	Min:	7022.8	7001.8	-1660.7	-16.7
	Max:	23926.5	23926.5	286.5	1.4

Shasta Reservoir Water Surface Area

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	21693.1	21608.5	-84.6	-0.4
1923	BN	22269.2	21752.9	-516.3	-2.3
1924	C	17111.0	16626.2	-484.8	-2.8
1925	D	8114.5	7918.7	-195.8	-2.4
1926	D	16054.6	15658.5	-396.1	-2.5
1927	W	18108.6	18063.3	-45.3	-0.3
1928	AN	23937.2	23937.2	0.0	0.0
1929	C	20607.2	20435.2	-172.0	-0.8
1930	D	16049.6	14968.7	-1080.9	-6.7
1931	C	17519.9	16719.0	-801.0	-4.6
1932	D	7715.7	7084.6	-631.1	-8.2
1933	C	10473.7	8815.6	-1658.1	-15.8
1934	C	9027.6	7676.6	-1350.9	-15.0
1935	BN	8113.4	7760.0	-353.4	-4.4
1936	BN	14287.2	14369.2	82.0	0.6
1937	BN	17144.1	17078.5	-65.6	-0.4
1938	W	22238.9	22170.8	-68.1	-0.3
1939	D	23937.2	23670.0	-267.3	-1.1
1940	AN	16918.6	16603.1	-315.5	-1.9
1941	W	21312.7	20875.5	-437.1	-2.1
1942	W	23881.1	23700.7	-180.4	-0.8
1943	W	23937.2	23937.2	0.0	0.0
1944	D	23459.8	23313.3	-146.5	-0.6
1945	BN	20695.3	20529.2	-166.1	-0.8
1946	BN	23504.9	22970.4	-534.5	-2.3
1947	D	21803.4	21180.9	-622.5	-2.9
1948	BN	19033.9	19160.8	127.0	0.7
1949	D	23764.2	23710.9	-53.3	-0.2
1950	BN	20290.2	20136.6	-153.6	-0.8
1951	AN	23937.2	23937.2	0.0	0.0
1952	W	22386.2	22395.7	9.4	0.0
1953	W	23748.5	23668.3	-80.3	-0.3
1954	AN	23937.2	23937.2	0.0	0.0
1955	D	23903.4	23922.4	19.0	0.1
1956	W	20625.2	20497.4	-127.8	-0.6
1957	AN	23659.4	23606.6	-52.8	-0.2
1958	W	23861.4	23821.9	-39.5	-0.2
1959	BN	23864.6	23605.8	-258.8	-1.1
1960	D	18899.0	18445.7	-453.3	-2.4
1961	D	20383.7	20608.8	225.1	1.1
1962	BN	19810.8	19829.4	18.6	0.1
1963	W	23937.2	23937.0	-0.2	0.0
1964	D	23937.2	23937.2	0.0	0.0
1965	W	19867.4	19767.9	-99.5	-0.5
1966	BN	23937.2	23937.2	0.0	0.0
1967	W	23195.4	23443.1	247.8	1.1
1968	BN	23884.2	23817.0	-67.3	-0.3
1969	W	21336.2	21251.1	-85.1	-0.4
1970	W	23910.5	23878.8	-31.7	-0.1
1971	W	23369.1	23179.9	-189.2	-0.8
1972	BN	23657.1	23659.4	2.3	0.0
1973	AN	23831.1	23608.2	-223.0	-0.9
1974	W	23937.2	23937.2	0.0	0.0
1975	W	23937.2	23820.9	-116.4	-0.5
1976	C	23937.2	23932.5	-4.7	0.0
1977	C	21462.8	20648.8	-814.0	-3.8
1978	AN	7045.1	7233.8	188.7	2.7
1979	BN	23537.2	23338.0	-199.2	-0.8
1980	AN	22672.8	22234.4	-438.3	-1.9
1981	D	22675.4	22258.1	-417.3	-1.8
1982	W	24018.3	24082.0	63.7	0.3
1983	W	23937.2	23937.2	0.0	0.0
1984	W	23937.2	23937.2	0.0	0.0
1985	D	23937.2	23937.2	0.0	0.0
1986	W	18550.0	18740.1	190.1	1.0
1987	D	21770.5	21432.4	-338.2	-1.6
1988	C	17524.7	17403.3	-121.4	-0.7
1989	D	15499.2	15268.6	-230.6	-1.5
1990	C	20006.8	19418.2	-588.6	-2.9
1991	C	16088.6	15025.5	-1063.1	-6.6
1992	C	12596.1	10675.2	-1920.9	-15.2
1993	AN	8417.8	7863.1	-554.7	-6.6
	Mean:	20171.8	19920.1	-251.7	-1.7
	Median:	22021.1	21680.7	-118.9	-0.6
	Min:	7045.1	7084.6	-1920.9	-15.8
	Max:	24018.3	24082.0	247.8	2.7

Shasta Reservoir Water Surface Area

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	22147.5	22004.7	-142.8	-0.6
1923	BN	22743.0	22227.1	-515.9	-2.3
1924	C	16913.5	16421.9	-491.6	-2.9
1925	D	8786.3	8569.8	-216.5	-2.5
1926	D	16331.5	15920.6	-410.9	-2.5
1927	W	20963.6	20907.9	-55.7	-0.3
1928	AN	24264.4	24391.8	127.5	0.5
1929	C	20631.9	20462.1	-169.8	-0.8
1930	D	19061.6	18123.2	-938.4	-4.9
1931	C	17438.2	16606.1	-832.1	-4.8
1932	D	9258.1	8615.6	-642.4	-6.9
1933	C	10379.6	8722.5	-1657.1	-16.0
1934	C	10021.1	8607.0	-1414.1	-14.1
1935	BN	8408.1	8005.6	-402.5	-4.8
1936	BN	14337.9	14419.8	81.9	0.6
1937	BN	16784.9	16850.3	65.3	0.4
1938	W	24247.1	24247.1	0.0	0.0
1939	D	24463.5	24256.1	-207.5	-0.8
1940	AN	17677.8	17367.0	-310.7	-1.8
1941	W	24156.3	24156.3	0.0	0.0
1942	W	24279.1	24279.1	0.0	0.0
1943	W	24492.8	24492.8	0.0	0.0
1944	D	23282.8	23136.5	-146.4	-0.6
1945	BN	22164.5	22042.4	-122.1	-0.6
1946	BN	24006.7	24006.7	0.0	0.0
1947	D	22156.3	21484.2	-672.2	-3.0
1948	BN	19144.2	19250.4	106.2	0.6
1949	D	23697.3	23644.0	-53.3	-0.2
1950	BN	20031.9	19848.8	-183.1	-0.9
1951	AN	24311.2	24311.2	0.0	0.0
1952	W	24225.7	24225.7	0.0	0.0
1953	W	24434.1	24434.1	0.0	0.0
1954	AN	24535.6	24535.6	0.0	0.0
1955	D	24514.2	24514.2	0.0	0.0
1956	W	23954.0	23980.8	26.8	0.1
1957	AN	23778.5	23722.8	-55.7	-0.2
1958	W	24396.7	24396.7	0.0	0.0
1959	BN	24018.0	23803.9	-214.1	-0.9
1960	D	18882.7	18404.5	-478.2	-2.5
1961	D	22673.9	22829.3	155.4	0.7
1962	BN	21437.3	21413.6	-23.7	-0.1
1963	W	24455.4	24455.4	0.0	0.0
1964	D	24314.8	24314.8	0.0	0.0
1965	W	24128.4	24149.7	21.2	0.1
1966	BN	24333.8	24334.6	0.7	0.0
1967	W	24380.6	24380.6	0.0	0.0
1968	BN	24301.2	24248.9	-52.2	-0.2
1969	W	22998.5	22765.7	-232.8	-1.0
1970	W	24284.5	24284.5	0.0	0.0
1971	W	24295.2	24295.2	0.0	0.0
1972	BN	24335.2	24337.7	2.5	0.0
1973	AN	24439.4	24439.4	0.0	0.0
1974	W	24017.4	24017.4	0.0	0.0
1975	W	24508.9	24418.5	-90.4	-0.4
1976	C	24287.6	24283.9	-3.7	0.0
1977	C	21357.5	20543.7	-813.8	-3.8
1978	AN	11822.9	10929.3	-893.7	-7.6
1979	BN	23245.0	23098.9	-146.1	-0.6
1980	AN	23241.4	22852.6	-388.8	-1.7
1981	D	23122.9	22755.1	-367.7	-1.6
1982	W	24065.4	24065.4	0.0	0.0
1983	W	24343.2	24343.2	0.0	0.0
1984	W	24113.5	24113.5	0.0	0.0
1985	D	24514.2	24514.2	0.0	0.0
1986	W	19466.4	19713.8	247.5	1.3
1987	D	21684.8	21346.8	-337.9	-1.6
1988	C	20443.8	20338.3	-105.5	-0.5
1989	D	16060.3	15852.5	-207.8	-1.3
1990	C	19713.9	19175.4	-538.5	-2.7
1991	C	15829.8	14937.5	-892.2	-5.6
1992	C	12567.4	10639.9	-1927.5	-15.3
1993	AN	10276.8	9722.6	-554.2	-5.4
	Mean:	20949.8	20712.6	-237.1	-1.7
	Median:	23243.2	22975.8	-54.5	-0.2
	Min:	8408.1	8005.6	-1927.5	-16.0
	Max:	24535.6	24535.6	247.5	1.3

Shasta Reservoir Water Surface Area

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	22705.6	22510.8	-194.7	-0.9
1923	BN	23805.9	23339.6	-466.3	-2.0
1924	C	17425.5	16968.2	-457.3	-2.6
1925	D	10494.4	9978.4	-516.0	-4.9
1926	D	16580.0	16168.5	-411.5	-2.5
1927	W	23439.0	23388.7	-50.3	-0.2
1928	AN	25326.7	25851.6	524.9	2.1
1929	C	21146.8	21065.9	-80.9	-0.4
1930	D	20245.4	19174.9	-1070.6	-5.3
1931	C	17864.3	17032.8	-831.5	-4.7
1932	D	10868.0	9648.4	-1219.7	-11.2
1933	C	10577.3	8912.4	-1664.9	-15.7
1934	C	12393.8	10836.5	-1557.3	-12.6
1935	BN	10732.9	10301.1	-431.8	-4.0
1936	BN	18132.0	18270.8	138.8	0.8
1937	BN	16664.8	16730.1	65.3	0.4
1938	W	26014.5	26014.5	0.0	0.0
1939	D	25476.1	25292.3	-183.9	-0.7
1940	AN	22756.3	22445.8	-310.5	-1.4
1941	W	24284.5	24284.5	0.0	0.0
1942	W	24669.1	24669.1	0.0	0.0
1943	W	25481.1	25481.1	0.0	0.0
1944	D	23716.4	23506.3	-210.2	-0.9
1945	BN	23230.6	23094.3	-136.3	-0.6
1946	BN	25913.9	25913.9	0.0	0.0
1947	D	22219.2	21549.2	-669.9	-3.0
1948	BN	22392.7	22498.8	106.1	0.5
1949	D	23664.8	23611.5	-53.3	-0.2
1950	BN	21405.3	21262.7	-142.6	-0.7
1951	AN	25924.5	25924.5	0.0	0.0
1952	W	25817.7	25817.7	0.0	0.0
1953	W	24546.2	24546.2	0.0	0.0
1954	AN	25539.9	25539.9	0.0	0.0
1955	D	24907.8	24907.8	0.0	0.0
1956	W	23937.2	23937.2	0.0	0.0
1957	AN	24329.9	24306.3	-23.6	-0.1
1958	W	25427.7	25427.7	0.0	0.0
1959	BN	26052.8	26052.8	0.0	0.0
1960	D	20021.7	19577.4	-444.3	-2.2
1961	D	23751.7	23904.9	153.2	0.6
1962	BN	21702.7	21627.1	-75.6	-0.3
1963	W	25043.3	25043.3	0.0	0.0
1964	D	26270.8	26270.8	0.0	0.0
1965	W	24556.9	24556.9	0.0	0.0
1966	BN	26464.1	26464.1	0.0	0.0
1967	W	25534.6	25534.6	0.0	0.0
1968	BN	25581.8	25530.5	-51.3	-0.2
1969	W	24503.5	24503.5	0.0	0.0
1970	W	23937.2	23937.2	0.0	0.0
1971	W	25342.2	25342.2	0.0	0.0
1972	BN	26170.1	26172.5	2.4	0.0
1973	AN	25539.9	25539.9	0.0	0.0
1974	W	23937.2	23937.2	0.0	0.0
1975	W	25149.8	25296.2	146.4	0.6
1976	C	25414.4	25411.6	-2.8	0.0
1977	C	21510.2	20787.3	-722.9	-3.4
1978	AN	26822.5	26184.8	-637.7	-2.4
1979	BN	23683.3	23848.9	165.6	0.7
1980	AN	25411.7	25411.7	0.0	0.0
1981	D	24710.6	24343.1	-367.5	-1.5
1982	W	25881.8	25881.8	0.0	0.0
1983	W	24573.0	24573.0	0.0	0.0
1984	W	26063.4	26063.4	0.0	0.0
1985	D	25010.1	25027.6	17.5	0.1
1986	W	22607.3	22766.8	159.5	0.7
1987	D	22308.2	21970.5	-337.7	-1.5
1988	C	22769.3	22702.2	-67.1	-0.3
1989	D	16659.6	16443.8	-215.8	-1.3
1990	C	20980.5	20525.8	-454.7	-2.2
1991	C	15847.6	14955.2	-892.5	-5.6
1992	C	12852.0	11012.7	-1839.3	-14.3
1993	AN	15501.3	14947.6	-553.6	-3.6
	Mean:	22336.5	22116.1	-220.4	-1.5
	Median:	23937.2	23937.2	0.0	0.0
	Min:	10494.4	8912.4	-1839.3	-15.7
	Max:	26822.5	26464.1	524.9	2.1

Shasta Reservoir Water Surface Area

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	24257.0	24106.9	-150.1	-0.6
1923	BN	24118.5	23652.6	-465.9	-1.9
1924	C	18336.8	17893.1	-443.7	-2.4
1925	D	20467.2	19951.9	-515.2	-2.5
1926	D	20722.7	20311.7	-411.0	-2.0
1927	W	25059.1	25059.1	0.0	0.0
1928	AN	27431.0	27866.1	435.1	1.6
1929	C	22142.5	22055.5	-87.0	-0.4
1930	D	22151.7	21332.1	-819.6	-3.7
1931	C	18353.1	17492.9	-860.2	-4.7
1932	D	11801.4	10643.4	-1158.0	-9.8
1933	C	10895.0	9231.7	-1663.2	-15.3
1934	C	14362.0	13394.9	-967.1	-6.7
1935	BN	13350.2	12948.6	-401.7	-3.0
1936	BN	23036.9	23166.9	130.0	0.6
1937	BN	17198.2	17263.5	65.2	0.4
1938	W	25608.3	25608.3	0.0	0.0
1939	D	25911.8	25987.1	75.3	0.3
1940	AN	23937.2	23937.2	0.0	0.0
1941	W	24850.8	24850.8	0.0	0.0
1942	W	25347.6	25347.6	0.0	0.0
1943	W	27116.6	27116.6	0.0	0.0
1944	D	24969.6	24759.6	-210.0	-0.8
1945	BN	27002.4	26866.3	-136.2	-0.5
1946	BN	26227.5	25524.6	-702.9	-2.7
1947	D	23281.5	22687.3	-594.3	-2.6
1948	BN	21220.4	21460.0	239.5	1.1
1949	D	24309.7	24256.4	-53.2	-0.2
1950	BN	23259.4	23137.0	-122.4	-0.5
1951	AN	26787.2	26787.2	0.0	0.0
1952	W	26510.8	26510.8	0.0	0.0
1953	W	26406.1	26406.1	0.0	0.0
1954	AN	26116.8	26116.8	0.0	0.0
1955	D	25497.3	25101.9	-395.4	-1.6
1956	W	24129.5	24129.5	0.0	0.0
1957	AN	26197.0	26197.0	0.0	0.0
1958	W	23937.2	23937.2	0.0	0.0
1959	BN	26698.2	26698.2	0.0	0.0
1960	D	23940.8	23654.6	-286.2	-1.2
1961	D	27473.8	27340.4	-133.4	-0.5
1962	BN	26197.0	26197.0	0.0	0.0
1963	W	27634.1	27634.1	0.0	0.0
1964	D	27009.4	27153.2	143.8	0.5
1965	W	26880.2	26880.2	0.0	0.0
1966	BN	27943.6	27943.6	0.0	0.0
1967	W	27488.8	27488.8	0.0	0.0
1968	BN	26077.9	26080.3	2.4	0.0
1969	W	25155.3	25155.3	0.0	0.0
1970	W	24893.5	24893.5	0.0	0.0
1971	W	26036.0	26219.7	183.7	0.7
1972	BN	27696.6	27696.4	-0.2	0.0
1973	AN	25984.5	25984.5	0.0	0.0
1974	W	26298.5	26298.5	0.0	0.0
1975	W	27591.3	27591.3	0.0	0.0
1976	C	26001.4	26125.3	123.9	0.5
1977	C	21259.7	20767.3	-492.4	-2.3
1978	AN	25620.0	25620.0	0.0	0.0
1979	BN	25188.2	25324.0	135.8	0.5
1980	AN	24150.9	24150.9	0.0	0.0
1981	D	26517.4	26520.9	3.6	0.0
1982	W	25443.3	25443.3	0.0	0.0
1983	W	23937.2	23937.2	0.0	0.0
1984	W	27786.8	27786.8	0.0	0.0
1985	D	25717.9	25736.0	18.1	0.1
1986	W	23937.2	23937.2	0.0	0.0
1987	D	24126.8	23789.3	-337.4	-1.4
1988	C	21985.7	21994.6	8.9	0.0
1989	D	17291.0	17075.3	-215.7	-1.2
1990	C	20457.7	20068.6	-389.2	-1.9
1991	C	15889.9	15125.2	-764.7	-4.8
1992	C	16911.8	16307.5	-604.4	-3.6
1993	AN	19195.7	18771.4	-424.3	-2.2
	Mean:	23676.8	23506.8	-170.0	-1.0
	Median:	25014.4	24976.3	0.0	0.0
	Min:	10895.0	9231.7	-1663.2	-15.3
	Max:	27943.6	27943.6	435.1	1.6

Shasta Reservoir Water Surface Area

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	25885.9	25736.0	-149.9	-0.6
1923	BN	24396.6	23951.3	-445.3	-1.8
1924	C	17849.5	17524.8	-324.7	-1.8
1925	D	19021.4	18865.6	-155.9	-0.8
1926	D	21719.3	21397.4	-321.9	-1.5
1927	W	28122.6	28122.6	0.0	0.0
1928	AN	27481.5	27481.2	-0.4	0.0
1929	C	23038.9	22952.0	-86.9	-0.4
1930	D	24384.7	23768.6	-616.2	-2.5
1931	C	19290.6	18429.4	-861.2	-4.5
1932	D	14885.6	13948.8	-936.8	-6.3
1933	C	15604.0	13944.1	-1659.9	-10.6
1934	C	16091.0	14728.8	-1362.2	-8.5
1935	BN	15436.8	15129.0	-307.7	-2.0
1936	BN	24349.2	24454.2	105.0	0.4
1937	BN	20926.8	20991.9	65.1	0.3
1938	W	24824.0	24824.0	0.0	0.0
1939	D	27927.2	27985.1	57.9	0.2
1940	AN	24914.9	24914.9	0.0	0.0
1941	W	27612.7	27612.7	0.0	0.0
1942	W	27369.5	27369.5	0.0	0.0
1943	W	28179.9	28179.9	0.0	0.0
1944	D	26219.6	26009.9	-209.7	-0.8
1945	BN	27933.9	27840.6	-93.3	-0.3
1946	BN	28157.0	27580.3	-576.7	-2.0
1947	D	25716.3	25195.4	-521.0	-2.0
1948	BN	23005.2	23244.5	239.2	1.0
1949	D	28312.5	28312.5	0.0	0.0
1950	BN	25247.7	25128.5	-119.2	-0.5
1951	AN	28525.4	28525.4	0.0	0.0
1952	W	27853.9	27853.9	0.0	0.0
1953	W	28308.0	28337.6	29.6	0.1
1954	AN	28331.9	28331.9	0.0	0.0
1955	D	26305.6	26001.0	-304.6	-1.2
1956	W	27677.9	27733.6	55.8	0.2
1957	AN	28433.0	28433.0	0.0	0.0
1958	W	24813.4	24813.4	0.0	0.0
1959	BN	27697.3	27746.9	49.6	0.2
1960	D	27051.3	26744.8	-306.5	-1.1
1961	D	28832.6	28852.1	19.5	0.1
1962	BN	28386.8	28386.8	0.0	0.0
1963	W	27756.1	27586.9	-169.2	-0.6
1964	D	27613.9	27513.6	-100.4	-0.4
1965	W	27039.4	27241.7	202.3	0.7
1966	BN	28613.8	28613.8	0.0	0.0
1967	W	27772.9	27772.9	0.0	0.0
1968	BN	28763.8	28763.8	0.0	0.0
1969	W	28093.5	28093.5	0.0	0.0
1970	W	28261.6	28261.6	0.0	0.0
1971	W	27179.6	27171.5	-8.1	0.0
1972	BN	28699.6	28699.6	0.0	0.0
1973	AN	28639.2	28639.2	0.0	0.0
1974	W	24944.5	24944.5	0.0	0.0
1975	W	26584.5	26584.5	0.0	0.0
1976	C	27155.9	27053.8	-102.1	-0.4
1977	C	21135.5	20613.7	-521.7	-2.5
1978	AN	27891.9	27891.9	0.0	0.0
1979	BN	27894.4	27619.7	-274.7	-1.0
1980	AN	27603.4	27603.4	0.0	0.0
1981	D	28971.4	28970.2	-1.3	0.0
1982	W	27682.1	27682.1	0.0	0.0
1983	W	24818.7	24818.7	0.0	0.0
1984	W	28686.7	28686.7	0.0	0.0
1985	D	26816.0	26471.6	-344.4	-1.3
1986	W	25443.7	25443.7	0.0	0.0
1987	D	28008.8	27671.8	-337.0	-1.2
1988	C	22311.5	22104.5	-207.0	-0.9
1989	D	25291.3	25075.9	-215.3	-0.9
1990	C	21901.1	21550.5	-350.6	-1.6
1991	C	18232.2	17560.5	-671.7	-3.7
1992	C	19382.8	17947.6	-1435.2	-7.4
1993	AN	27406.4	27009.4	-397.0	-1.4
	Mean:	25454.4	25264.5	-189.9	-1.0
	Median:	27167.8	27112.7	0.0	0.0
	Min:	14885.6	13944.1	-1659.9	-10.6
	Max:	28971.4	28970.2	239.2	1.0

Shasta Reservoir Water Surface Area

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	28324.4	28215.1	-109.3	-0.4
1923	BN	26013.3	25604.9	-408.4	-1.6
1924	C	16576.9	16285.1	-291.8	-1.8
1925	D	22920.2	22777.5	-142.8	-0.6
1926	D	23298.4	22959.9	-338.5	-1.5
1927	W	29999.6	29999.6	0.0	0.0
1928	AN	29618.0	29618.0	0.0	0.0
1929	C	23410.2	23085.3	-324.9	-1.4
1930	D	25239.1	24639.9	-599.1	-2.4
1931	C	17836.5	16803.2	-1033.3	-5.8
1932	D	15313.4	14503.3	-810.1	-5.3
1933	C	15706.4	14211.3	-1495.1	-9.5
1934	C	16487.4	15282.4	-1205.1	-7.3
1935	BN	21293.4	21113.3	-180.1	-0.8
1936	BN	25533.0	25637.7	104.8	0.4
1937	BN	24278.8	24338.0	59.3	0.2
1938	W	28243.1	28243.1	0.0	0.0
1939	D	26755.0	26877.3	122.2	0.5
1940	AN	28697.3	28697.3	0.0	0.0
1941	W	29587.7	29587.7	0.0	0.0
1942	W	29933.1	29933.1	0.0	0.0
1943	W	29999.6	29999.6	0.0	0.0
1944	D	26150.4	26015.7	-134.6	-0.5
1945	BN	28642.8	28538.1	-104.7	-0.4
1946	BN	28787.5	28270.2	-517.3	-1.8
1947	D	26560.4	26003.4	-557.1	-2.1
1948	BN	27810.5	28048.6	238.1	0.9
1949	D	29311.8	29311.8	0.0	0.0
1950	BN	27052.7	26933.7	-118.9	-0.4
1951	AN	28768.2	28780.8	12.6	0.0
1952	W	28875.5	28875.5	0.0	0.0
1953	W	29553.8	29570.3	16.6	0.1
1954	AN	29973.8	29973.8	0.0	0.0
1955	D	26385.9	26446.3	60.3	0.2
1956	W	29624.1	29667.1	43.0	0.1
1957	AN	28288.9	28252.9	-36.1	-0.1
1958	W	28857.4	28857.4	0.0	0.0
1959	BN	27832.9	27898.7	65.8	0.2
1960	D	27578.3	27348.6	-229.8	-0.8
1961	D	29096.0	28971.9	-124.0	-0.4
1962	BN	29318.2	29335.8	17.6	0.1
1963	W	28219.1	28219.1	0.0	0.0
1964	D	26241.3	26654.3	413.0	1.6
1965	W	29859.5	29785.2	-74.4	-0.2
1966	BN	29999.6	29999.6	0.0	0.0
1967	W	29686.4	29686.4	0.0	0.0
1968	BN	28369.4	28289.6	-79.8	-0.3
1969	W	29493.3	29493.3	0.0	0.0
1970	W	27536.2	27562.0	25.8	0.1
1971	W	29385.7	29312.4	-73.3	-0.2
1972	BN	29605.7	29561.3	-44.3	-0.1
1973	AN	29551.0	29448.2	-102.7	-0.3
1974	W	29477.1	29477.1	0.0	0.0
1975	W	29342.1	29342.1	0.0	0.0
1976	C	27372.9	27377.7	4.9	0.0
1977	C	19494.9	18773.4	-721.6	-3.7
1978	AN	29999.6	29999.6	0.0	0.0
1979	BN	28345.2	28139.2	-206.0	-0.7
1980	AN	28671.2	28587.5	-83.6	-0.3
1981	D	29332.8	29332.8	0.0	0.0
1982	W	28034.6	28034.6	0.0	0.0
1983	W	28328.5	28328.5	0.0	0.0
1984	W	28881.8	29017.3	135.5	0.5
1985	D	27265.1	27007.5	-257.6	-0.9
1986	W	27798.8	27599.6	-199.2	-0.7
1987	D	26888.9	26343.2	-545.7	-2.0
1988	C	22422.6	22216.4	-206.3	-0.9
1989	D	26934.3	26736.1	-198.2	-0.7
1990	C	21064.3	20709.9	-354.5	-1.7
1991	C	19067.8	18366.4	-701.4	-3.7
1992	C	20674.2	19258.2	-1416.0	-6.8
1993	AN	29653.0	29481.6	-171.4	-0.6
	Mean:	26674.0	26495.2	-178.9	-0.9
	Median:	28266.0	28217.1	-40.2	-0.1
	Min:	15313.4	14211.3	-1495.1	-9.5
	Max:	29999.6	29999.6	413.0	1.6

Shasta Reservoir Water Surface Area

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	28710.6	28600.6	-110.1	-0.4
1923	BN	24708.0	24214.3	-493.7	-2.0
1924	C	14794.6	14494.6	-299.9	-2.0
1925	D	23051.2	22928.2	-123.0	-0.5
1926	D	22501.1	22304.1	-197.1	-0.9
1927	W	29999.6	29999.6	0.0	0.0
1928	AN	28729.6	28682.0	-47.7	-0.2
1929	C	22755.0	22413.4	-341.6	-1.5
1930	D	24676.9	24123.3	-553.7	-2.2
1931	C	16218.6	15171.1	-1047.5	-6.5
1932	D	16422.8	15673.0	-749.8	-4.6
1933	C	16052.0	14594.8	-1457.2	-9.1
1934	C	15473.4	14263.8	-1209.5	-7.8
1935	BN	22289.3	22009.9	-279.4	-1.3
1936	BN	24960.2	25085.9	125.8	0.5
1937	BN	25138.4	25194.6	56.2	0.2
1938	W	29999.6	29999.6	0.0	0.0
1939	D	25390.0	25565.8	175.7	0.7
1940	AN	27956.6	27962.7	6.1	0.0
1941	W	29999.6	29999.6	0.0	0.0
1942	W	29999.6	29999.6	0.0	0.0
1943	W	29867.5	29867.5	0.0	0.0
1944	D	25662.6	25533.6	-129.1	-0.5
1945	BN	28691.8	28595.9	-95.9	-0.3
1946	BN	28458.5	27959.7	-498.8	-1.8
1947	D	24895.2	24399.2	-496.0	-2.0
1948	BN	29038.0	29226.2	188.2	0.6
1949	D	29092.6	29092.6	0.0	0.0
1950	BN	26720.9	26614.0	-106.9	-0.4
1951	AN	28845.6	28857.2	11.6	0.0
1952	W	29999.6	29999.6	0.0	0.0
1953	W	29999.6	29999.6	0.0	0.0
1954	AN	29282.1	29088.8	-193.3	-0.7
1955	D	26777.3	26852.9	75.5	0.3
1956	W	29999.6	29999.6	0.0	0.0
1957	AN	29370.8	29337.7	-33.0	-0.1
1958	W	29999.6	29999.6	0.0	0.0
1959	BN	26941.9	26946.0	4.1	0.0
1960	D	27508.3	27278.3	-230.0	-0.8
1961	D	28980.8	28551.6	-429.2	-1.5
1962	BN	28918.9	28861.7	-57.3	-0.2
1963	W	29441.5	29441.5	0.0	0.0
1964	D	25122.3	25649.9	527.6	2.1
1965	W	29608.1	29534.2	-73.9	-0.2
1966	BN	29422.9	29398.7	-24.2	-0.1
1967	W	29999.6	29999.6	0.0	0.0
1968	BN	27844.7	27674.5	-170.2	-0.6
1969	W	29999.6	29999.6	0.0	0.0
1970	W	26935.6	26945.1	9.6	0.0
1971	W	29999.6	29999.6	0.0	0.0
1972	BN	29098.5	29016.9	-81.6	-0.3
1973	AN	29455.7	29347.2	-108.6	-0.4
1974	W	29692.7	29692.7	0.0	0.0
1975	W	29999.6	29999.6	0.0	0.0
1976	C	26695.5	26635.3	-60.2	-0.2
1977	C	18440.7	17656.1	-784.6	-4.3
1978	AN	29999.6	29999.6	0.0	0.0
1979	BN	28539.9	28367.3	-172.6	-0.6
1980	AN	28416.2	28339.6	-76.6	-0.3
1981	D	28310.1	28267.9	-42.2	-0.1
1982	W	28937.1	28937.1	0.0	0.0
1983	W	29999.6	29999.6	0.0	0.0
1984	W	28710.5	28796.7	86.2	0.3
1985	D	25714.7	25321.9	-392.8	-1.5
1986	W	27252.4	27079.7	-172.7	-0.6
1987	D	25604.0	24982.2	-621.8	-2.4
1988	C	22304.1	22031.5	-272.5	-1.2
1989	D	25860.4	25418.7	-441.7	-1.7
1990	C	21890.4	21542.2	-348.2	-1.6
1991	C	18657.3	17953.8	-703.4	-3.8
1992	C	18981.4	17363.2	-1618.2	-8.5
1993	AN	29999.6	29904.9	-94.7	-0.3
	Mean:	26525.2	26328.3	-196.9	-1.0
	Median:	28437.4	28303.8	-67.1	-0.2
	Min:	14794.6	14263.8	-1618.2	-9.1
	Max:	29999.6	29999.6	527.6	2.1

Shasta Reservoir Water Surface Area

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	27457.0	27291.5	-165.4	-0.6
1923	BN	23095.2	22670.1	-425.1	-1.8
1924	C	12331.2	11926.1	-405.0	-3.3
1925	D	21784.0	21679.1	-104.9	-0.5
1926	D	20465.8	20456.4	-9.4	0.0
1927	W	28762.4	28672.4	-90.0	-0.3
1928	AN	27005.8	26955.7	-50.1	-0.2
1929	C	21419.4	20896.2	-523.2	-2.4
1930	D	22715.4	22169.8	-545.6	-2.4
1931	C	14512.8	13233.4	-1279.5	-8.8
1932	D	15364.7	14500.8	-863.9	-5.6
1933	C	15292.3	13642.2	-1650.1	-10.8
1934	C	13402.8	12045.8	-1357.0	-10.1
1935	BN	20546.3	20395.0	-151.3	-0.7
1936	BN	23827.7	23951.4	123.7	0.5
1937	BN	24275.0	24315.0	40.0	0.2
1938	W	29628.5	29628.5	0.0	0.0
1939	D	22924.5	23018.3	93.8	0.4
1940	AN	26577.3	26480.2	-97.1	-0.4
1941	W	29712.6	29712.6	0.0	0.0
1942	W	29590.2	29590.2	0.0	0.0
1943	W	28800.7	28706.2	-94.4	-0.3
1944	D	24266.3	24115.5	-150.8	-0.6
1945	BN	27689.4	27507.2	-182.1	-0.7
1946	BN	26878.6	26377.0	-501.6	-1.9
1947	D	23260.3	23214.6	-45.7	-0.2
1948	BN	29093.9	29279.3	185.4	0.6
1949	D	27414.6	27393.0	-21.6	-0.1
1950	BN	25427.0	25280.4	-146.6	-0.6
1951	AN	27368.2	27280.5	-87.7	-0.3
1952	W	29350.3	29350.3	0.0	0.0
1953	W	29776.5	29776.5	0.0	0.0
1954	AN	28490.3	28199.7	-290.6	-1.0
1955	D	25344.5	25078.1	-266.3	-1.1
1956	W	29246.4	29246.4	0.0	0.0
1957	AN	28260.8	28502.4	241.6	0.9
1958	W	29776.5	29776.5	0.0	0.0
1959	BN	24571.7	24416.2	-155.4	-0.6
1960	D	26139.9	25718.5	-421.4	-1.6
1961	D	27295.5	26677.8	-617.7	-2.3
1962	BN	27484.1	27342.8	-141.3	-0.5
1963	W	28548.6	28488.6	-59.9	-0.2
1964	D	23787.3	24279.4	492.1	2.1
1965	W	28320.8	28451.6	130.8	0.5
1966	BN	27391.2	27711.4	320.2	1.2
1967	W	29776.5	29776.5	0.0	0.0
1968	BN	26244.1	25982.0	-262.1	-1.0
1969	W	29337.7	29276.3	-61.4	-0.2
1970	W	25647.8	25655.7	7.9	0.0
1971	W	29776.5	29738.4	-38.0	-0.1
1972	BN	27048.9	26804.8	-244.1	-0.9
1973	AN	27753.6	27548.8	-204.9	-0.7
1974	W	29125.7	29044.9	-80.8	-0.3
1975	W	29522.5	29414.6	-107.8	-0.4
1976	C	24146.6	24148.9	2.3	0.0
1977	C	15391.5	14391.8	-999.7	-6.5
1978	AN	28640.4	28523.0	-117.4	-0.4
1979	BN	26346.4	26212.1	-134.3	-0.5
1980	AN	27108.9	26795.2	-313.7	-1.2
1981	D	25913.8	26000.9	87.1	0.3
1982	W	28223.3	28231.9	8.6	0.0
1983	W	29776.5	29776.5	0.0	0.0
1984	W	27680.5	27704.2	23.7	0.1
1985	D	23215.8	22948.3	-267.6	-1.2
1986	W	25495.8	25243.4	-252.4	-1.0
1987	D	22984.5	22140.4	-844.2	-3.7
1988	C	20195.0	19727.9	-467.1	-2.3
1989	D	23998.9	23351.4	-647.5	-2.7
1990	C	20922.5	20323.4	-599.1	-2.9
1991	C	17052.6	16338.4	-714.2	-4.2
1992	C	16591.2	15413.7	-1177.5	-7.1
1993	AN	29776.5	29776.5	0.0	0.0
	Mean:	25171.8	24940.2	-231.6	-1.3
	Median:	26728.0	26428.6	-106.4	-0.4
	Min:	12331.2	11926.1	-1650.1	-10.8
	Max:	29776.5	29776.5	492.1	2.1

Shasta Reservoir Water Surface Area

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	25462.4	25214.6	-247.8	-1.0
1923	BN	20758.7	20382.1	-376.6	-1.8
1924	C	9739.2	8770.7	-968.5	-9.9
1925	D	19204.4	19047.8	-156.6	-0.8
1926	D	18041.3	18198.3	157.0	0.9
1927	W	26450.3	26288.5	-161.8	-0.6
1928	AN	24168.6	24099.1	-69.5	-0.3
1929	C	19476.9	18705.2	-771.7	-4.0
1930	D	20569.4	19952.0	-617.4	-3.0
1931	C	11619.9	10119.3	-1500.6	-12.9
1932	D	13744.4	12603.6	-1140.9	-8.3
1933	C	13424.5	11449.3	-1975.2	-14.7
1934	C	10866.4	9228.3	-1638.1	-15.1
1935	BN	18477.9	18425.8	-52.0	-0.3
1936	BN	21491.1	21570.6	79.5	0.4
1937	BN	22381.9	22461.4	79.4	0.4
1938	W	27903.8	27843.5	-60.4	-0.2
1939	D	20188.5	20141.1	-47.4	-0.2
1940	AN	24283.4	24057.9	-225.5	-0.9
1941	W	28274.9	28274.9	0.0	0.0
1942	W	27911.5	27784.8	-126.7	-0.5
1943	W	26441.4	26399.2	-42.2	-0.2
1944	D	22307.3	22148.1	-159.2	-0.7
1945	BN	25461.1	25218.9	-242.2	-1.0
1946	BN	24810.5	24298.1	-512.4	-2.1
1947	D	20748.1	20903.0	154.8	0.7
1948	BN	27589.2	27646.2	57.0	0.2
1949	D	24575.2	24553.7	-21.5	-0.1
1950	BN	23321.7	23110.2	-211.5	-0.9
1951	AN	24573.8	24764.1	190.3	0.8
1952	W	28274.9	28274.9	0.0	0.0
1953	W	27897.0	28058.7	161.7	0.6
1954	AN	25899.8	25731.7	-168.0	-0.6
1955	D	22456.8	22300.0	-156.8	-0.7
1956	W	27828.3	27746.4	-81.9	-0.3
1957	AN	25665.9	26186.4	520.4	2.0
1958	W	28274.9	28274.9	0.0	0.0
1959	BN	21274.5	21158.4	-116.1	-0.5
1960	D	23079.5	22621.0	-458.5	-2.0
1961	D	24559.7	23867.0	-692.6	-2.8
1962	BN	25156.7	25073.2	-83.5	-0.3
1963	W	26740.1	26743.8	3.7	0.0
1964	D	21452.6	21660.9	208.4	1.0
1965	W	25880.5	26171.7	291.2	1.1
1966	BN	24687.0	25006.0	319.0	1.3
1967	W	28274.9	28274.9	0.0	0.0
1968	BN	23297.0	22899.1	-398.0	-1.7
1969	W	27880.3	27720.5	-159.7	-0.6
1970	W	22659.2	22669.5	10.3	0.0
1971	W	27970.1	27691.4	-278.7	-1.0
1972	BN	24341.2	24354.8	13.6	0.1
1973	AN	25436.6	25238.4	-198.2	-0.8
1974	W	28128.2	28057.6	-70.6	-0.3
1975	W	28274.9	28274.9	0.0	0.0
1976	C	21991.5	21450.3	-541.2	-2.5
1977	C	11856.0	10609.2	-1246.8	-10.5
1978	AN	26626.5	26455.5	-171.0	-0.6
1979	BN	23969.7	23808.2	-161.5	-0.7
1980	AN	25314.1	24778.6	-535.5	-2.1
1981	D	22822.6	22660.0	-162.5	-0.7
1982	W	27007.5	26984.5	-23.0	-0.1
1983	W	28274.9	28274.9	0.0	0.0
1984	W	25095.7	25119.3	23.6	0.1
1985	D	20785.5	20650.4	-135.1	-0.6
1986	W	23367.8	23068.2	-299.6	-1.3
1987	D	20382.2	19573.7	-808.5	-4.0
1988	C	17545.2	16998.0	-547.2	-3.1
1989	D	21310.7	20607.1	-703.6	-3.3
1990	C	18554.2	17588.9	-965.3	-5.2
1991	C	15324.0	14558.7	-765.2	-5.0
1992	C	13806.0	12834.0	-972.0	-7.0
1993	AN	27387.6	27328.1	-59.5	-0.2
	Mean:	22931.7	22653.7	-278.0	-1.8
	Median:	24226.0	23962.5	-156.7	-0.6
	Min:	9739.2	8770.7	-1975.2	-15.1
	Max:	28274.9	28274.9	520.4	2.0

Shasta Reservoir Water Surface Area

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	23094.0	22666.0	-428.0	-1.9
1923	BN	18685.4	18201.5	-483.8	-2.6
1924	C	7623.1	7386.1	-237.0	-3.1
1925	D	17145.4	16843.7	-301.7	-1.8
1926	D	16116.5	16260.3	143.8	0.9
1927	W	24495.7	24129.5	-366.2	-1.5
1928	AN	21988.1	21842.1	-146.1	-0.7
1929	C	17635.6	16609.9	-1025.7	-5.8
1930	D	18624.0	17890.0	-734.1	-3.9
1931	C	8940.9	7692.9	-1248.0	-14.0
1932	D	12178.8	10909.7	-1269.1	-10.4
1933	C	11413.8	8735.5	-2678.3	-23.5
1934	C	7872.7	7499.9	-372.8	-4.7
1935	BN	16185.9	15777.1	-408.8	-2.5
1936	BN	19260.6	19294.3	33.7	0.2
1937	BN	20382.6	20399.5	16.9	0.1
1938	W	26344.2	26165.2	-179.1	-0.7
1939	D	18394.9	17991.4	-403.5	-2.2
1940	AN	21935.3	21561.9	-373.4	-1.7
1941	W	26344.2	26344.2	0.0	0.0
1942	W	26344.2	26190.7	-153.5	-0.6
1943	W	24554.7	24378.5	-176.3	-0.7
1944	D	20556.0	20350.1	-205.9	-1.0
1945	BN	23067.7	22624.3	-443.4	-1.9
1946	BN	22501.7	22110.8	-390.9	-1.7
1947	D	19044.9	19221.1	176.3	0.9
1948	BN	25980.2	25919.4	-60.8	-0.2
1949	D	21952.0	21871.9	-80.1	-0.4
1950	BN	21526.9	21264.4	-262.5	-1.2
1951	AN	22058.6	22168.8	110.3	0.5
1952	W	26344.2	26344.2	0.0	0.0
1953	W	26344.2	26344.2	0.0	0.0
1954	AN	24077.3	24330.2	252.8	1.0
1955	D	20836.7	20669.3	-167.4	-0.8
1956	W	26344.2	26325.6	-18.6	-0.1
1957	AN	23978.4	24210.9	232.4	1.0
1958	W	26344.2	26344.2	0.0	0.0
1959	BN	19216.8	19292.6	75.8	0.4
1960	D	21033.4	21068.4	35.0	0.2
1961	D	21734.1	21327.8	-406.3	-1.9
1962	BN	22803.1	22565.0	-238.1	-1.0
1963	W	25351.2	25234.0	-117.2	-0.5
1964	D	19774.4	19645.7	-128.7	-0.7
1965	W	24346.3	24488.5	142.2	0.6
1966	BN	22493.3	22873.2	379.9	1.7
1967	W	26344.2	26344.2	0.0	0.0
1968	BN	21769.2	21570.5	-198.8	-0.9
1969	W	26344.2	26081.6	-262.6	-1.0
1970	W	20993.9	20946.2	-47.7	-0.2
1971	W	26344.2	26244.6	-99.6	-0.4
1972	BN	22151.1	22131.5	-19.6	-0.1
1973	AN	23843.3	23462.7	-380.6	-1.6
1974	W	26344.2	26344.2	0.0	0.0
1975	W	26344.2	26344.2	0.0	0.0
1976	C	21743.7	21214.2	-529.5	-2.4
1977	C	8296.3	7022.8	-1273.5	-15.4
1978	AN	24835.9	24501.9	-334.0	-1.3
1979	BN	22277.6	22040.0	-237.5	-1.1
1980	AN	23414.8	22703.4	-711.3	-3.0
1981	D	20910.8	20461.9	-448.8	-2.1
1982	W	25912.6	25746.3	-166.3	-0.6
1983	W	26344.2	26344.2	0.0	0.0
1984	W	23621.5	23551.8	-69.6	-0.3
1985	D	19082.7	18905.1	-177.6	-0.9
1986	W	21645.8	21335.1	-310.7	-1.4
1987	D	18843.9	18154.5	-689.4	-3.7
1988	C	15653.3	15237.6	-415.7	-2.7
1989	D	19513.8	18696.0	-817.8	-4.2
1990	C	16631.5	15917.3	-714.2	-4.3
1991	C	13732.5	12793.9	-938.6	-6.8
1992	C	11122.8	10335.1	-787.7	-7.1
1993	AN	26206.7	26157.2	-49.6	-0.2
	Mean:	21021.4	20721.6	-299.8	-2.1
	Median:	21943.7	21706.3	-189.0	-0.9
	Min:	7623.1	7022.8	-2678.3	-23.5
	Max:	26344.2	26344.2	379.9	1.7

Shasta Reservoir Water Surface Area

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Area (Acres)	Future No Action Area (Acres)	Absolute Difference	Relative Difference (%)[1]
1922	AN	22199.3	21681.7	-517.6	-2.3
1923	BN	17914.2	17420.3	-493.9	-2.8
1924	C	7240.0	7018.0	-222.0	-3.1
1925	D	16381.6	16013.8	-367.7	-2.2
1926	D	15476.5	15684.2	207.7	1.3
1927	W	23519.9	23080.5	-439.4	-1.9
1928	AN	21099.6	20922.9	-176.7	-0.8
1929	C	16923.7	15888.7	-1035.0	-6.1
1930	D	17878.8	17151.0	-727.8	-4.1
1931	C	7803.2	7311.2	-492.0	-6.3
1932	D	11312.2	9517.9	-1794.3	-15.9
1933	C	10038.9	7790.8	-2248.2	-22.4
1934	C	7593.8	7062.1	-531.7	-7.0
1935	BN	15027.7	14720.6	-307.1	-2.0
1936	BN	18258.6	18235.4	-23.2	-0.1
1937	BN	19541.0	19443.1	-97.9	-0.5
1938	W	24874.6	24823.1	-51.5	-0.2
1939	D	17835.9	17483.1	-352.8	-2.0
1940	AN	21345.7	20884.6	-461.1	-2.2
1941	W	24874.6	24874.6	0.0	0.0
1942	W	24874.6	24829.9	-44.7	-0.2
1943	W	23682.1	23394.7	-287.4	-1.2
1944	D	19820.7	19601.8	-218.9	-1.1
1945	BN	22181.7	21645.5	-536.2	-2.4
1946	BN	21913.4	21304.1	-609.2	-2.8
1947	D	18461.9	18638.8	176.8	1.0
1948	BN	24779.8	24767.8	-12.0	0.0
1949	D	21144.9	21001.9	-143.0	-0.7
1950	BN	21081.5	20787.3	-294.2	-1.4
1951	AN	21523.8	21533.3	9.5	0.0
1952	W	24874.6	24874.6	0.0	0.0
1953	W	24874.6	24874.6	0.0	0.0
1954	AN	23794.9	24030.9	236.0	1.0
1955	D	20455.1	20271.3	-183.8	-0.9
1956	W	24874.6	24868.8	-5.8	0.0
1957	AN	24138.6	24227.2	88.6	0.4
1958	W	24874.6	24874.6	0.0	0.0
1959	BN	19922.5	19913.1	-9.4	0.0
1960	D	20476.3	20675.5	199.2	1.0
1961	D	21212.3	20792.2	-420.1	-2.0
1962	BN	22261.7	21933.3	-328.4	-1.5
1963	W	24727.9	24682.6	-45.3	-0.2
1964	D	19246.6	19081.1	-165.5	-0.9
1965	W	23988.3	23948.5	-39.8	-0.2
1966	BN	22080.8	22391.2	310.4	1.4
1967	W	24874.6	24874.6	0.0	0.0
1968	BN	21297.5	21262.3	-35.2	-0.2
1969	W	24874.6	24802.2	-72.3	-0.3
1970	W	20803.5	20666.3	-137.2	-0.7
1971	W	24874.6	24844.8	-29.8	-0.1
1972	BN	22083.4	22024.3	-59.2	-0.3
1973	AN	23648.5	23188.7	-459.9	-1.9
1974	W	24874.6	24874.6	0.0	0.0
1975	W	24874.6	24874.6	0.0	0.0
1976	C	21571.3	21287.6	-283.7	-1.3
1977	C	7828.2	7001.8	-826.4	-10.6
1978	AN	24521.1	24208.6	-312.5	-1.3
1979	BN	21809.9	21497.7	-312.2	-1.4
1980	AN	23204.1	22402.3	-801.8	-3.5
1981	D	20475.4	19941.7	-533.7	-2.6
1982	W	24773.1	24746.0	-27.1	-0.1
1983	W	24874.6	24874.6	0.0	0.0
1984	W	23606.5	23444.8	-161.7	-0.7
1985	D	18855.8	18686.1	-169.7	-0.9
1986	W	21715.8	21378.8	-337.0	-1.6
1987	D	18075.3	17591.1	-484.3	-2.7
1988	C	14825.6	14507.3	-318.2	-2.1
1989	D	19604.0	18788.1	-816.0	-4.2
1990	C	16321.6	15518.9	-802.7	-4.9
1991	C	13081.4	12160.0	-921.4	-7.0
1992	C	9422.0	8832.1	-589.9	-6.3
1993	AN	24834.2	24821.0	-13.2	-0.1
	Mean:	20278.0	19986.8	-291.1	-2.0
	Median:	21434.8	21274.9	-180.3	-0.9
	Min:	7240.0	7001.8	-2248.2	-22.4
	Max:	24874.6	24874.6	310.4	1.4

Trinity Reservoir Storage

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1781.7	1781.7	0.0	0.0
1923	BN	1492.7	1477.0	-15.7	-1.1
1924	C	979.3	957.6	-21.6	-2.2
1925	D	302.9	240.0	-62.9	-20.8
1926	D	714.2	691.0	-23.2	-3.2
1927	W	649.7	657.5	7.7	1.2
1928	AN	1352.7	1360.3	7.6	0.6
1929	C	1207.3	1211.7	4.5	0.4
1930	D	830.8	786.8	-44.0	-5.3
1931	C	790.0	740.1	-49.9	-6.3
1932	D	476.0	285.1	-190.9	-40.1
1933	C	417.5	335.0	-82.5	-19.8
1934	C	540.3	469.3	-71.0	-13.1
1935	BN	370.3	240.0	-130.3	-35.2
1936	BN	627.1	582.8	-44.3	-7.1
1937	BN	715.1	672.0	-43.0	-6.0
1938	W	945.8	909.7	-36.0	-3.8
1939	D	1850.0	1850.0	0.0	0.0
1940	AN	1087.7	1054.5	-33.2	-3.1
1941	W	1422.1	1389.6	-32.5	-2.3
1942	W	1850.0	1850.0	0.0	0.0
1943	W	1850.0	1850.0	0.0	0.0
1944	D	1636.0	1636.0	0.0	0.0
1945	BN	1253.1	1231.8	-21.3	-1.7
1946	BN	1182.1	1161.3	-20.8	-1.8
1947	D	1367.9	1326.5	-41.4	-3.0
1948	BN	1033.0	1042.3	9.3	0.9
1949	D	1188.9	1192.9	4.0	0.3
1950	BN	1176.5	1180.4	3.9	0.3
1951	AN	1225.8	1229.6	3.8	0.3
1952	W	1468.7	1472.4	3.7	0.3
1953	W	1850.0	1850.0	0.0	0.0
1954	AN	1850.0	1850.0	0.0	0.0
1955	D	1608.4	1608.4	0.0	0.0
1956	W	1211.8	1225.8	13.9	1.1
1957	AN	1850.0	1850.0	0.0	0.0
1958	W	1771.8	1759.6	-12.2	-0.7
1959	BN	1850.0	1850.0	0.0	0.0
1960	D	1239.7	1238.1	-1.6	-0.1
1961	D	1108.7	1070.7	-38.1	-3.4
1962	BN	1234.3	1187.9	-46.4	-3.8
1963	W	1256.7	1243.7	-13.0	-1.0
1964	D	1794.9	1745.9	-49.0	-2.7
1965	W	1174.3	1198.4	24.2	2.1
1966	BN	1548.9	1517.1	-31.8	-2.1
1967	W	1675.6	1626.6	-48.9	-2.9
1968	BN	1850.0	1850.0	0.0	0.0
1969	W	1410.4	1336.7	-73.7	-5.2
1970	W	1850.0	1850.0	0.0	0.0
1971	W	1317.3	1319.3	2.0	0.2
1972	BN	1850.0	1850.0	0.0	0.0
1973	AN	1531.4	1486.0	-45.5	-3.0
1974	W	1806.5	1751.7	-54.8	-3.0
1975	W	1850.0	1850.0	0.0	0.0
1976	C	1850.0	1850.0	0.0	0.0
1977	C	1186.4	1166.4	-20.0	-1.7
1978	AN	477.3	278.6	-198.6	-41.6
1979	BN	1327.3	1218.0	-109.3	-8.2
1980	AN	1277.6	1185.5	-92.1	-7.2
1981	D	1495.3	1475.0	-20.2	-1.4
1982	W	1325.1	1310.7	-14.4	-1.1
1983	W	1850.0	1850.0	0.0	0.0
1984	W	1850.0	1850.0	0.0	0.0
1985	D	1569.2	1573.6	4.4	0.3
1986	W	1157.4	1096.7	-60.7	-5.2
1987	D	1340.9	1305.3	-35.6	-2.7
1988	C	861.4	827.9	-33.5	-3.9
1989	D	736.7	726.6	-10.1	-1.4
1990	C	863.5	838.5	-25.0	-2.9
1991	C	671.3	644.1	-27.1	-4.0
1992	C	577.5	547.9	-29.6	-5.1
1993	AN	520.9	505.9	-15.0	-2.9
	Mean:	1266.9	1239.3	-27.5	-4.0
	Median:	1267.2	1235.0	-17.9	-1.6
	Min:	302.9	240.0	-198.6	-41.6
	Max:	1850.0	1850.0	24.2	2.1

Trinity Reservoir Storage

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1718.5	1712.9	-5.7	-0.3
1923	BN	1464.0	1448.3	-15.7	-1.1
1924	C	968.9	947.3	-21.6	-2.2
1925	D	378.3	315.4	-62.9	-16.6
1926	D	708.5	691.3	-17.2	-2.4
1927	W	811.4	819.2	7.7	0.9
1928	AN	1410.6	1413.2	2.6	0.2
1929	C	1182.6	1187.1	4.5	0.4
1930	D	813.6	769.6	-44.0	-5.4
1931	C	775.8	725.9	-49.9	-6.4
1932	D	463.7	262.9	-200.8	-43.3
1933	C	411.4	329.0	-82.4	-20.0
1934	C	532.3	451.1	-81.3	-15.3
1935	BN	434.8	304.6	-130.2	-29.9
1936	BN	622.3	578.0	-44.3	-7.1
1937	BN	698.0	660.9	-37.1	-5.3
1938	W	1087.2	1051.2	-36.0	-3.3
1939	D	1850.0	1850.0	0.0	0.0
1940	AN	1071.5	1038.4	-33.2	-3.1
1941	W	1403.0	1370.5	-32.5	-2.3
1942	W	1850.0	1850.0	0.0	0.0
1943	W	1850.0	1850.0	0.0	0.0
1944	D	1646.0	1616.2	-29.7	-1.8
1945	BN	1255.5	1234.3	-21.3	-1.7
1946	BN	1231.3	1210.5	-20.8	-1.7
1947	D	1361.7	1320.3	-41.4	-3.0
1948	BN	1043.8	1053.1	9.3	0.9
1949	D	1196.3	1200.2	4.0	0.3
1950	BN	1168.4	1172.3	3.9	0.3
1951	AN	1341.1	1344.9	3.8	0.3
1952	W	1474.3	1478.0	3.7	0.3
1953	W	1844.7	1844.7	0.0	0.0
1954	AN	1850.0	1850.0	0.0	0.0
1955	D	1658.7	1658.7	0.0	0.0
1956	W	1195.8	1209.7	13.9	1.2
1957	AN	1850.0	1846.5	-3.5	-0.2
1958	W	1850.0	1839.1	-10.9	-0.6
1959	BN	1849.6	1846.4	-3.2	-0.2
1960	D	1201.5	1200.0	-1.6	-0.1
1961	D	1112.3	1074.2	-38.1	-3.4
1962	BN	1213.2	1190.7	-22.6	-1.9
1963	W	1308.4	1295.4	-13.0	-1.0
1964	D	1850.0	1850.0	0.0	0.0
1965	W	1204.5	1228.7	24.1	2.0
1966	BN	1636.9	1605.1	-31.8	-1.9
1967	W	1757.4	1708.5	-48.9	-2.8
1968	BN	1850.0	1850.0	0.0	0.0
1969	W	1406.2	1332.5	-73.7	-5.2
1970	W	1850.0	1850.0	0.0	0.0
1971	W	1422.9	1424.9	2.0	0.1
1972	BN	1849.8	1850.0	0.2	0.0
1973	AN	1541.2	1495.7	-45.4	-2.9
1974	W	1850.0	1850.0	0.0	0.0
1975	W	1849.3	1849.3	0.0	0.0
1976	C	1850.0	1850.0	0.0	0.0
1977	C	1175.2	1155.2	-20.0	-1.7
1978	AN	500.0	309.0	-191.0	-38.2
1979	BN	1323.9	1214.7	-109.2	-8.2
1980	AN	1313.0	1244.7	-68.3	-5.2
1981	D	1472.7	1437.6	-35.1	-2.4
1982	W	1568.6	1554.2	-14.4	-0.9
1983	W	1850.0	1850.0	0.0	0.0
1984	W	1850.0	1850.0	0.0	0.0
1985	D	1697.6	1702.0	4.4	0.3
1986	W	1146.0	1085.3	-60.7	-5.3
1987	D	1305.4	1269.8	-35.6	-2.7
1988	C	847.0	813.5	-33.5	-4.0
1989	D	772.4	762.3	-10.1	-1.3
1990	C	860.1	835.1	-25.0	-2.9
1991	C	657.9	630.8	-27.1	-4.1
1992	C	567.2	537.6	-29.6	-5.2
1993	AN	519.8	501.2	-18.6	-3.6
	Mean:	1284.8	1258.5	-26.3	-3.8
	Median:	1310.7	1257.3	-16.5	-1.5
	Min:	378.3	262.9	-200.8	-43.3
	Max:	1850.0	1850.0	24.1	2.0

Trinity Reservoir Storage

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1720.1	1712.4	-7.7	-0.4
1923	BN	1466.8	1451.1	-15.7	-1.1
1924	C	962.4	940.8	-21.6	-2.2
1925	D	426.3	363.4	-62.9	-14.8
1926	D	727.0	712.6	-14.4	-2.0
1927	W	1006.4	1014.1	7.7	0.8
1928	AN	1428.8	1431.4	2.6	0.2
1929	C	1180.1	1184.6	4.5	0.4
1930	D	941.3	897.3	-44.0	-4.7
1931	C	764.1	714.2	-49.9	-6.5
1932	D	464.2	263.5	-200.7	-43.2
1933	C	406.7	324.4	-82.3	-20.2
1934	C	541.5	460.3	-81.2	-15.0
1935	BN	472.0	341.8	-130.2	-27.6
1936	BN	625.4	581.1	-44.3	-7.1
1937	BN	688.6	651.6	-37.1	-5.4
1938	W	1306.3	1270.3	-36.0	-2.8
1939	D	1844.4	1833.2	-11.2	-0.6
1940	AN	1135.0	1101.8	-33.1	-2.9
1941	W	1541.9	1509.4	-32.5	-2.1
1942	W	1850.0	1850.0	0.0	0.0
1943	W	1850.0	1850.0	0.0	0.0
1944	D	1640.2	1610.4	-29.7	-1.8
1945	BN	1320.6	1299.4	-21.3	-1.6
1946	BN	1422.2	1401.4	-20.8	-1.5
1947	D	1373.9	1332.5	-41.4	-3.0
1948	BN	1042.6	1051.8	9.2	0.9
1949	D	1197.0	1201.0	4.0	0.3
1950	BN	1155.7	1159.6	3.9	0.3
1951	AN	1598.8	1602.5	3.8	0.2
1952	W	1621.0	1624.8	3.7	0.2
1953	W	1850.0	1850.0	0.0	0.0
1954	AN	1850.0	1850.0	0.0	0.0
1955	D	1715.1	1715.1	0.0	0.0
1956	W	1504.3	1518.2	13.9	0.9
1957	AN	1807.6	1804.6	-3.0	-0.2
1958	W	1850.0	1850.0	0.0	0.0
1959	BN	1820.4	1808.9	-11.5	-0.6
1960	D	1180.7	1185.1	4.3	0.4
1961	D	1201.4	1163.3	-38.1	-3.2
1962	BN	1235.7	1222.4	-13.3	-1.1
1963	W	1482.3	1469.3	-13.0	-0.9
1964	D	1837.5	1837.5	0.0	0.0
1965	W	1741.0	1765.2	24.1	1.4
1966	BN	1677.4	1645.5	-32.0	-1.9
1967	W	1850.0	1850.0	0.0	0.0
1968	BN	1835.7	1832.9	-2.8	-0.2
1969	W	1465.7	1392.0	-73.7	-5.0
1970	W	1850.0	1850.0	0.0	0.0
1971	W	1553.9	1555.9	2.0	0.1
1972	BN	1838.9	1839.0	0.1	0.0
1973	AN	1650.5	1605.0	-45.4	-2.8
1974	W	1850.0	1850.0	0.0	0.0
1975	W	1846.3	1841.4	-4.8	-0.3
1976	C	1834.4	1834.2	-0.2	0.0
1977	C	1156.0	1136.0	-20.0	-1.7
1978	AN	620.6	508.7	-111.8	-18.0
1979	BN	1319.9	1204.5	-115.4	-8.7
1980	AN	1376.8	1299.3	-77.5	-5.6
1981	D	1512.8	1468.5	-44.3	-2.9
1982	W	1850.0	1850.0	0.0	0.0
1983	W	1850.0	1850.0	0.0	0.0
1984	W	1850.0	1850.0	0.0	0.0
1985	D	1751.8	1756.2	4.4	0.3
1986	W	1156.2	1095.5	-60.7	-5.2
1987	D	1292.3	1256.7	-35.6	-2.8
1988	C	1016.2	982.7	-33.5	-3.3
1989	D	785.6	775.5	-10.1	-1.3
1990	C	850.6	825.6	-25.0	-2.9
1991	C	646.4	619.2	-27.1	-4.2
1992	C	563.5	534.0	-29.5	-5.2
1993	AN	543.2	524.6	-18.6	-3.4
	Mean:	1336.0	1311.3	-24.7	-3.4
	Median:	1425.5	1396.7	-13.2	-1.1
	Min:	406.7	263.5	-200.7	-43.2
	Max:	1850.0	1850.0	24.1	1.4

Trinity Reservoir Storage

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1716.9	1709.2	-7.7	-0.4
1923	BN	1493.2	1468.3	-24.9	-1.7
1924	C	883.9	862.5	-21.3	-2.4
1925	D	412.4	386.8	-25.6	-6.2
1926	D	728.1	713.6	-14.4	-2.0
1927	W	1124.2	1131.9	7.7	0.7
1928	AN	1485.5	1488.1	2.6	0.2
1929	C	1155.4	1144.3	-11.0	-1.0
1930	D	957.7	913.7	-44.0	-4.6
1931	C	772.9	723.0	-49.9	-6.5
1932	D	431.0	275.9	-155.1	-36.0
1933	C	404.5	322.4	-82.2	-20.3
1934	C	603.0	521.8	-81.2	-13.5
1935	BN	513.2	383.1	-130.1	-25.3
1936	BN	738.9	694.6	-44.3	-6.0
1937	BN	680.4	643.3	-37.0	-5.4
1938	W	1397.2	1361.2	-36.0	-2.6
1939	D	1769.9	1754.4	-15.6	-0.9
1940	AN	1309.6	1276.5	-33.1	-2.5
1941	W	1762.3	1729.9	-32.5	-1.8
1942	W	1900.0	1900.0	0.0	0.0
1943	W	1900.0	1900.0	0.0	0.0
1944	D	1621.1	1603.3	-17.8	-1.1
1945	BN	1365.1	1343.8	-21.3	-1.6
1946	BN	1552.8	1532.1	-20.8	-1.3
1947	D	1365.5	1324.1	-41.4	-3.0
1948	BN	1235.2	1244.4	9.2	0.7
1949	D	1189.7	1193.7	4.0	0.3
1950	BN	1182.5	1186.4	3.9	0.3
1951	AN	1689.1	1692.9	3.8	0.2
1952	W	1680.3	1684.0	3.7	0.2
1953	W	1900.0	1900.0	0.0	0.0
1954	AN	1900.0	1900.0	0.0	0.0
1955	D	1726.7	1726.7	0.0	0.0
1956	W	1837.8	1851.7	13.9	0.8
1957	AN	1786.5	1785.5	-1.0	-0.1
1958	W	1900.0	1900.0	0.0	0.0
1959	BN	1900.0	1900.0	0.0	0.0
1960	D	1188.9	1193.2	4.3	0.4
1961	D	1232.5	1200.6	-31.9	-2.6
1962	BN	1239.8	1226.5	-13.3	-1.1
1963	W	1523.2	1510.1	-13.0	-0.9
1964	D	1891.9	1891.9	0.0	0.0
1965	W	1900.0	1900.0	0.0	0.0
1966	BN	1759.9	1727.9	-32.0	-1.8
1967	W	1900.0	1900.0	0.0	0.0
1968	BN	1828.1	1825.2	-3.0	-0.2
1969	W	1609.5	1535.8	-73.7	-4.6
1970	W	1900.0	1900.0	0.0	0.0
1971	W	1788.5	1790.5	2.0	0.1
1972	BN	1885.5	1885.6	0.1	0.0
1973	AN	1811.0	1765.6	-45.4	-2.5
1974	W	1900.0	1900.0	0.0	0.0
1975	W	1820.0	1826.2	6.2	0.3
1976	C	1693.4	1693.0	-0.4	0.0
1977	C	1145.6	1109.2	-36.4	-3.2
1978	AN	1021.2	909.4	-111.8	-10.9
1979	BN	1342.7	1227.4	-115.3	-8.6
1980	AN	1605.5	1528.0	-77.5	-4.8
1981	D	1619.4	1575.1	-44.3	-2.7
1982	W	1900.0	1900.0	0.0	0.0
1983	W	1900.0	1900.0	0.0	0.0
1984	W	1900.0	1900.0	0.0	0.0
1985	D	1728.9	1730.4	1.5	0.1
1986	W	1284.3	1223.7	-60.7	-4.7
1987	D	1302.3	1266.8	-35.6	-2.7
1988	C	1094.7	1061.2	-33.5	-3.1
1989	D	806.9	796.9	-10.1	-1.3
1990	C	909.7	884.7	-25.0	-2.7
1991	C	641.7	614.6	-27.1	-4.2
1992	C	570.9	541.4	-29.5	-5.2
1993	AN	605.1	586.5	-18.6	-3.1
	Mean:	1392.0	1368.1	-23.9	-3.0
	Median:	1508.2	1499.1	-13.9	-1.1
	Min:	404.5	275.9	-155.1	-36.0
	Max:	1900.0	1900.0	13.9	0.8

Trinity Reservoir Storage

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1739.5	1723.4	-16.0	-0.9
1923	BN	1516.6	1491.6	-24.9	-1.6
1924	C	926.4	905.7	-20.7	-2.2
1925	D	683.1	657.5	-25.6	-3.7
1926	D	877.8	863.4	-14.4	-1.6
1927	W	1361.9	1369.7	7.7	0.6
1928	AN	1595.1	1597.7	2.6	0.2
1929	C	1179.9	1168.8	-11.0	-0.9
1930	D	1056.4	1012.4	-44.0	-4.2
1931	C	791.8	747.5	-44.3	-5.6
1932	D	452.5	297.5	-155.0	-34.3
1933	C	405.0	323.1	-82.0	-20.2
1934	C	692.8	611.6	-81.2	-11.7
1935	BN	597.4	467.3	-130.1	-21.8
1936	BN	879.4	835.1	-44.3	-5.0
1937	BN	684.1	647.0	-37.0	-5.4
1938	W	1554.0	1518.0	-36.0	-2.3
1939	D	1747.2	1752.7	5.5	0.3
1940	AN	1635.5	1602.4	-33.1	-2.0
1941	W	2000.0	1979.7	-20.3	-1.0
1942	W	2000.0	2000.0	0.0	0.0
1943	W	2000.0	2000.0	0.0	0.0
1944	D	1664.1	1646.4	-17.8	-1.1
1945	BN	1525.1	1503.9	-21.3	-1.4
1946	BN	1608.1	1587.3	-20.8	-1.3
1947	D	1417.6	1376.2	-41.4	-2.9
1948	BN	1257.2	1266.5	9.2	0.7
1949	D	1227.4	1231.3	4.0	0.3
1950	BN	1239.0	1242.8	3.9	0.3
1951	AN	1909.6	1913.4	3.8	0.2
1952	W	1870.5	1874.2	3.7	0.2
1953	W	1932.6	1932.6	0.0	0.0
1954	AN	2000.0	2000.0	0.0	0.0
1955	D	1721.5	1691.6	-29.9	-1.7
1956	W	1975.2	1989.1	13.9	0.7
1957	AN	1947.7	1946.7	-1.0	-0.1
1958	W	2058.9	2058.9	0.0	0.0
1959	BN	2000.0	2000.0	0.0	0.0
1960	D	1331.4	1335.8	4.3	0.3
1961	D	1455.5	1423.6	-31.9	-2.2
1962	BN	1374.2	1360.9	-13.3	-1.0
1963	W	1818.0	1805.0	-13.0	-0.7
1964	D	1853.7	1865.9	12.2	0.7
1965	W	1968.8	1968.8	0.0	0.0
1966	BN	1828.2	1796.3	-31.9	-1.7
1967	W	2000.0	2000.0	0.0	0.0
1968	BN	2000.0	2000.0	0.0	0.0
1969	W	1734.6	1661.0	-73.7	-4.2
1970	W	2000.0	2000.0	0.0	0.0
1971	W	1912.4	1921.8	9.4	0.5
1972	BN	1997.4	1998.0	0.6	0.0
1973	AN	1965.2	1919.8	-45.4	-2.3
1974	W	2000.0	2000.0	0.0	0.0
1975	W	1917.4	1923.5	6.2	0.3
1976	C	1691.6	1705.7	14.1	0.8
1977	C	1138.2	1090.5	-47.7	-4.2
1978	AN	1206.5	1094.7	-111.7	-9.3
1979	BN	1396.2	1286.4	-109.8	-7.9
1980	AN	1908.1	1830.6	-77.5	-4.1
1981	D	1758.9	1714.6	-44.3	-2.5
1982	W	2000.0	2000.0	0.0	0.0
1983	W	2000.0	2000.0	0.0	0.0
1984	W	1992.1	1992.1	0.0	0.0
1985	D	1738.6	1740.0	1.4	0.1
1986	W	1768.5	1707.8	-60.6	-3.4
1987	D	1379.3	1343.8	-35.5	-2.6
1988	C	1180.7	1147.2	-33.4	-2.8
1989	D	832.4	822.3	-10.1	-1.2
1990	C	930.2	905.2	-25.0	-2.7
1991	C	651.4	624.3	-27.1	-4.2
1992	C	710.2	680.7	-29.5	-4.2
1993	AN	749.1	730.5	-18.6	-2.5
	Mean:	1498.9	1475.4	-23.5	-2.6
	Median:	1649.8	1624.4	-15.2	-1.1
	Min:	405.0	297.5	-155.0	-34.3
	Max:	2058.9	2058.9	14.1	0.8

Trinity Reservoir Storage

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1789.4	1773.4	-16.0	-0.9
1923	BN	1568.3	1539.7	-28.6	-1.8
1924	C	903.7	888.5	-15.2	-1.7
1925	D	824.4	798.8	-25.6	-3.1
1926	D	980.3	965.9	-14.4	-1.5
1927	W	1539.9	1547.6	7.7	0.5
1928	AN	1801.7	1804.3	2.6	0.1
1929	C	1237.8	1221.3	-16.4	-1.3
1930	D	1181.6	1137.7	-43.9	-3.7
1931	C	849.4	805.2	-44.2	-5.2
1932	D	604.8	449.9	-154.8	-25.6
1933	C	521.8	440.0	-81.9	-15.7
1934	C	819.0	759.4	-59.6	-7.3
1935	BN	658.0	528.0	-130.0	-19.8
1936	BN	990.5	946.3	-44.2	-4.5
1937	BN	789.4	752.4	-37.0	-4.7
1938	W	1814.8	1778.8	-36.0	-2.0
1939	D	1853.1	1858.7	5.5	0.3
1940	AN	1937.6	1904.5	-33.1	-1.7
1941	W	2100.0	2100.0	0.0	0.0
1942	W	1974.9	1974.9	0.0	0.0
1943	W	2100.0	2100.0	0.0	0.0
1944	D	1732.0	1714.3	-17.8	-1.0
1945	BN	1579.0	1557.7	-21.2	-1.3
1946	BN	1733.4	1712.6	-20.7	-1.2
1947	D	1527.6	1486.3	-41.3	-2.7
1948	BN	1282.5	1291.7	9.2	0.7
1949	D	1443.2	1447.1	4.0	0.3
1950	BN	1360.6	1364.4	3.9	0.3
1951	AN	2013.5	2017.3	3.8	0.2
1952	W	2036.7	2040.4	3.7	0.2
1953	W	2060.6	2054.4	-6.1	-0.3
1954	AN	2100.0	2100.0	0.0	0.0
1955	D	1747.6	1717.7	-29.9	-1.7
1956	W	2079.6	2083.0	3.4	0.2
1957	AN	2100.0	2100.0	0.0	0.0
1958	W	2100.0	2100.0	0.0	0.0
1959	BN	1978.4	1981.9	3.4	0.2
1960	D	1519.4	1514.5	-4.9	-0.3
1961	D	1583.5	1551.6	-31.9	-2.0
1962	BN	1450.6	1437.3	-13.3	-0.9
1963	W	1896.5	1883.5	-13.0	-0.7
1964	D	1888.9	1873.2	-15.7	-0.8
1965	W	1931.8	1942.6	10.8	0.6
1966	BN	2034.8	2002.9	-31.9	-1.6
1967	W	2100.0	2100.0	0.0	0.0
1968	BN	2080.5	2080.5	0.0	0.0
1969	W	1896.1	1822.5	-73.6	-3.9
1970	W	2066.9	2066.9	0.0	0.0
1971	W	2100.0	2100.0	0.0	0.0
1972	BN	2100.0	2100.0	0.0	0.0
1973	AN	2090.7	2045.3	-45.4	-2.2
1974	W	2100.0	2100.0	0.0	0.0
1975	W	2100.0	2100.0	0.0	0.0
1976	C	1743.3	1722.9	-20.4	-1.2
1977	C	1122.0	1069.6	-52.4	-4.7
1978	AN	1492.8	1381.2	-111.6	-7.5
1979	BN	1545.3	1435.7	-109.7	-7.1
1980	AN	2045.0	1967.5	-77.4	-3.8
1981	D	1884.9	1840.6	-44.3	-2.4
1982	W	2100.0	2100.0	0.0	0.0
1983	W	2100.0	2100.0	0.0	0.0
1984	W	2100.0	2100.0	0.0	0.0
1985	D	1785.7	1779.8	-5.9	-0.3
1986	W	2100.0	2049.9	-50.1	-2.4
1987	D	1591.7	1556.2	-35.5	-2.2
1988	C	1240.0	1219.2	-20.8	-1.7
1989	D	1176.3	1166.3	-10.1	-0.9
1990	C	1013.8	991.0	-22.8	-2.2
1991	C	729.3	702.2	-27.1	-3.7
1992	C	852.1	822.7	-29.5	-3.5
1993	AN	1126.9	1108.4	-18.6	-1.7
	Mean:	1616.7	1592.8	-24.0	-2.3
	Median:	1766.6	1748.2	-15.9	-1.1
	Min:	521.8	440.0	-154.8	-25.6
	Max:	2100.0	2100.0	10.8	0.7

Trinity Reservoir Storage

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1887.9	1871.9	-16.0	-0.8
1923	BN	1682.9	1654.3	-28.6	-1.7
1924	C	844.3	830.6	-13.6	-1.6
1925	D	1121.6	1096.1	-25.5	-2.3
1926	D	1199.0	1184.6	-14.4	-1.2
1927	W	1767.8	1775.5	7.7	0.4
1928	AN	1947.6	1950.2	2.6	0.1
1929	C	1256.7	1240.3	-16.4	-1.3
1930	D	1281.8	1238.0	-43.8	-3.4
1931	C	891.2	847.1	-44.1	-4.9
1932	D	694.1	539.6	-154.5	-22.3
1933	C	675.1	593.5	-81.6	-12.1
1934	C	840.1	783.6	-56.5	-6.7
1935	BN	871.4	741.7	-129.7	-14.9
1936	BN	1151.2	1107.1	-44.1	-3.8
1937	BN	1015.0	978.0	-36.9	-3.6
1938	W	2122.8	2086.9	-35.9	-1.7
1939	D	1929.7	1935.2	5.5	0.3
1940	AN	2164.3	2131.2	-33.0	-1.5
1941	W	2300.0	2300.0	0.0	0.0
1942	W	2176.3	2176.3	0.0	0.0
1943	W	2281.1	2281.1	0.0	0.0
1944	D	1769.6	1751.8	-17.7	-1.0
1945	BN	1712.8	1691.6	-21.2	-1.2
1946	BN	1947.8	1927.1	-20.7	-1.1
1947	D	1612.5	1571.3	-41.2	-2.6
1948	BN	1464.0	1473.2	9.2	0.6
1949	D	1703.0	1706.9	4.0	0.2
1950	BN	1515.3	1519.1	3.9	0.3
1951	AN	2191.9	2195.6	3.8	0.2
1952	W	2300.0	2300.0	0.0	0.0
1953	W	2264.6	2260.7	-3.9	-0.2
1954	AN	2300.0	2300.0	0.0	0.0
1955	D	1790.7	1760.9	-29.8	-1.7
1956	W	2270.1	2273.6	3.4	0.1
1957	AN	2164.0	2161.1	-2.9	-0.1
1958	W	2300.0	2300.0	0.0	0.0
1959	BN	2103.1	2109.1	6.0	0.3
1960	D	1636.0	1631.1	-4.9	-0.3
1961	D	1727.4	1695.6	-31.8	-1.8
1962	BN	1666.5	1653.2	-13.3	-0.8
1963	W	2164.2	2151.2	-13.0	-0.6
1964	D	1873.1	1910.9	37.8	2.0
1965	W	2166.4	2177.2	10.8	0.5
1966	BN	2300.0	2300.0	0.0	0.0
1967	W	2211.2	2211.2	0.0	0.0
1968	BN	2151.9	2144.6	-7.3	-0.3
1969	W	2232.0	2158.5	-73.5	-3.3
1970	W	2104.1	2106.2	2.1	0.1
1971	W	2282.1	2282.1	0.0	0.0
1972	BN	2240.4	2240.4	0.0	0.0
1973	AN	2264.3	2242.0	-22.3	-1.0
1974	W	2300.0	2300.0	0.0	0.0
1975	W	2230.8	2230.8	0.0	0.0
1976	C	1829.8	1809.4	-20.4	-1.1
1977	C	978.5	942.5	-36.0	-3.7
1978	AN	1693.5	1582.1	-111.4	-6.6
1979	BN	1667.5	1558.1	-109.5	-6.6
1980	AN	2194.4	2136.6	-57.8	-2.6
1981	D	1995.1	1950.9	-44.2	-2.2
1982	W	2300.0	2300.0	0.0	0.0
1983	W	2300.0	2300.0	0.0	0.0
1984	W	2211.1	2214.8	3.7	0.2
1985	D	1931.9	1926.0	-5.9	-0.3
1986	W	2103.1	2090.4	-12.7	-0.6
1987	D	1735.0	1699.6	-35.4	-2.0
1988	C	1296.8	1300.9	4.1	0.3
1989	D	1379.6	1369.5	-10.1	-0.7
1990	C	1048.6	1023.7	-24.9	-2.4
1991	C	794.1	767.1	-27.0	-3.4
1992	C	1081.3	1057.8	-23.5	-2.2
1993	AN	1331.5	1312.9	-18.5	-1.4
	Mean:	1763.0	1742.0	-21.0	-1.8
	Median:	1880.5	1891.4	-13.2	-0.8
	Min:	675.1	539.6	-154.5	-22.3
	Max:	2300.0	2300.0	37.8	2.0

Trinity Reservoir Storage

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1951.5	1935.5	-16.0	-0.8
1923	BN	1600.9	1570.9	-30.1	-1.9
1924	C	755.9	740.5	-15.4	-2.0
1925	D	1107.3	1081.9	-25.4	-2.3
1926	D	1103.3	1089.0	-14.3	-1.3
1927	W	1758.5	1766.2	7.7	0.4
1928	AN	1885.5	1888.1	2.6	0.1
1929	C	1298.2	1281.8	-16.4	-1.3
1930	D	1193.8	1150.1	-43.7	-3.7
1931	C	853.2	799.3	-53.9	-6.3
1932	D	717.4	563.5	-153.9	-21.5
1933	C	663.1	581.7	-81.4	-12.3
1934	C	817.4	758.5	-59.0	-7.2
1935	BN	902.1	779.0	-123.1	-13.6
1936	BN	1081.4	1037.5	-43.9	-4.1
1937	BN	1157.5	1120.7	-36.8	-3.2
1938	W	2297.4	2261.6	-35.9	-1.6
1939	D	1877.8	1877.8	0.0	0.0
1940	AN	2101.0	2068.1	-33.0	-1.6
1941	W	2420.0	2420.0	0.0	0.0
1942	W	2235.9	2235.9	0.0	0.0
1943	W	2171.8	2171.8	0.0	0.0
1944	D	1824.1	1806.4	-17.7	-1.0
1945	BN	1677.0	1655.8	-21.2	-1.3
1946	BN	1942.4	1921.8	-20.7	-1.1
1947	D	1521.0	1479.9	-41.1	-2.7
1948	BN	1458.4	1467.6	9.2	0.6
1949	D	1710.1	1714.1	4.0	0.2
1950	BN	1519.6	1523.4	3.9	0.3
1951	AN	2123.5	2127.3	3.8	0.2
1952	W	2411.5	2411.5	0.0	0.0
1953	W	2224.1	2220.2	-3.9	-0.2
1954	AN	2271.7	2271.7	0.0	0.0
1955	D	1788.6	1758.9	-29.7	-1.7
1956	W	2372.3	2375.8	3.4	0.1
1957	AN	2180.6	2177.7	-2.9	-0.1
1958	W	2420.0	2420.0	0.0	0.0
1959	BN	2002.7	2008.6	6.0	0.3
1960	D	1581.3	1576.5	-4.9	-0.3
1961	D	1697.7	1665.9	-31.7	-1.9
1962	BN	1588.4	1575.2	-13.3	-0.8
1963	W	2204.1	2191.1	-13.0	-0.6
1964	D	1770.2	1807.9	37.7	2.1
1965	W	2081.2	2092.0	10.8	0.5
1966	BN	2312.2	2312.2	0.0	0.0
1967	W	2333.2	2333.2	0.0	0.0
1968	BN	2043.8	2036.6	-7.2	-0.4
1969	W	2420.0	2418.3	-1.7	-0.1
1970	W	2011.7	2013.8	2.0	0.1
1971	W	2331.9	2331.9	0.0	0.0
1972	BN	2178.5	2178.5	0.0	0.0
1973	AN	2329.5	2307.2	-22.3	-1.0
1974	W	2400.1	2400.1	0.0	0.0
1975	W	2344.1	2344.1	0.0	0.0
1976	C	1812.3	1792.0	-20.3	-1.1
1977	C	928.3	892.4	-35.9	-3.9
1978	AN	1710.3	1599.2	-111.1	-6.5
1979	BN	1745.2	1636.1	-109.2	-6.3
1980	AN	2107.5	2049.8	-57.7	-2.7
1981	D	1926.0	1881.9	-44.1	-2.3
1982	W	2311.0	2311.0	0.0	0.0
1983	W	2420.0	2420.0	0.0	0.0
1984	W	2174.3	2178.0	3.7	0.2
1985	D	1852.2	1846.3	-5.9	-0.3
1986	W	1997.2	1984.5	-12.7	-0.6
1987	D	1653.9	1613.7	-40.2	-2.4
1988	C	1246.0	1240.9	-5.1	-0.4
1989	D	1272.6	1262.6	-10.0	-0.8
1990	C	1014.5	989.7	-24.8	-2.4
1991	C	821.8	794.9	-26.9	-3.3
1992	C	1073.8	1050.4	-23.4	-2.2
1993	AN	1513.2	1494.7	-18.5	-1.2
	Mean:	1758.4	1738.1	-20.3	-1.8
	Median:	1838.1	1827.1	-12.9	-0.7
	Min:	663.1	563.5	-153.9	-21.5
	Max:	2420.0	2420.0	37.7	2.1

Trinity Reservoir Storage

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1961.6	1945.7	-15.9	-0.8
1923	BN	1451.8	1421.2	-30.6	-2.1
1924	C	633.0	616.6	-16.4	-2.6
1925	D	1056.0	1030.7	-25.3	-2.4
1926	D	1029.8	1030.2	0.4	0.0
1927	W	1787.6	1795.3	7.7	0.4
1928	AN	1755.0	1757.5	2.6	0.1
1929	C	1244.3	1228.0	-16.3	-1.3
1930	D	1131.8	1083.4	-48.4	-4.3
1931	C	769.8	704.5	-65.2	-8.5
1932	D	704.1	575.1	-129.0	-18.3
1933	C	767.7	677.8	-89.9	-11.7
1934	C	707.3	648.5	-58.8	-8.3
1935	BN	906.1	783.6	-122.5	-13.5
1936	BN	1036.3	992.5	-43.7	-4.2
1937	BN	1255.4	1218.7	-36.6	-2.9
1938	W	2240.9	2205.2	-35.8	-1.6
1939	D	1742.2	1743.9	1.7	0.1
1940	AN	1948.0	1915.1	-32.9	-1.7
1941	W	2447.0	2447.0	0.0	0.0
1942	W	2307.9	2307.9	0.0	0.0
1943	W	2101.3	2101.3	0.0	0.0
1944	D	1775.4	1757.8	-17.6	-1.0
1945	BN	1585.1	1564.0	-21.1	-1.3
1946	BN	1848.2	1827.6	-20.6	-1.1
1947	D	1506.7	1465.8	-40.9	-2.7
1948	BN	1493.9	1503.1	9.2	0.6
1949	D	1626.5	1630.5	3.9	0.2
1950	BN	1501.7	1505.5	3.8	0.3
1951	AN	1961.6	1965.4	3.8	0.2
1952	W	2447.0	2447.0	0.0	0.0
1953	W	2317.2	2313.3	-3.8	-0.2
1954	AN	2124.9	2124.9	0.0	0.0
1955	D	1745.1	1745.1	0.1	0.0
1956	W	2291.5	2294.9	3.4	0.1
1957	AN	2158.0	2068.4	-89.6	-4.2
1958	W	2429.7	2429.7	0.0	0.0
1959	BN	1903.4	1909.3	6.0	0.3
1960	D	1555.5	1550.7	-4.8	-0.3
1961	D	1693.9	1662.3	-31.6	-1.9
1962	BN	1527.3	1514.1	-13.2	-0.9
1963	W	2145.6	2132.6	-12.9	-0.6
1964	D	1713.9	1751.6	37.6	2.2
1965	W	2015.2	1952.1	-63.1	-3.1
1966	BN	2244.7	2169.8	-74.9	-3.3
1967	W	2434.1	2434.1	0.0	0.0
1968	BN	1931.6	1924.4	-7.2	-0.4
1969	W	2348.8	2347.2	-1.6	-0.1
1970	W	1910.3	1912.3	2.0	0.1
1971	W	2344.8	2344.6	-0.2	0.0
1972	BN	2052.5	2052.5	0.0	0.0
1973	AN	2279.6	2257.4	-22.2	-1.0
1974	W	2393.9	2393.9	0.0	0.0
1975	W	2447.0	2447.0	0.0	0.0
1976	C	1734.4	1714.1	-20.2	-1.2
1977	C	795.6	746.4	-49.1	-6.2
1978	AN	1665.6	1554.9	-110.7	-6.6
1979	BN	1712.6	1603.8	-108.8	-6.4
1980	AN	1975.6	1955.1	-20.5	-1.0
1981	D	1866.4	1822.5	-43.9	-2.4
1982	W	2178.6	2178.6	0.0	0.0
1983	W	2447.0	2447.0	0.0	0.0
1984	W	2045.9	2049.6	3.7	0.2
1985	D	1757.9	1719.7	-38.2	-2.2
1986	W	1884.4	1871.8	-12.6	-0.7
1987	D	1459.1	1419.1	-40.1	-2.7
1988	C	1200.9	1179.0	-21.9	-1.8
1989	D	1154.7	1144.7	-10.0	-0.9
1990	C	1026.2	983.3	-42.8	-4.2
1991	C	803.0	770.8	-32.2	-4.0
1992	C	951.5	900.3	-51.2	-5.4
1993	AN	1608.3	1589.8	-18.4	-1.1
	Mean:	1708.4	1684.4	-24.0	-2.1
	Median:	1756.4	1754.5	-16.1	-1.0
	Min:	633.0	575.1	-129.0	-18.3
	Max:	2447.0	2447.0	37.6	2.2

Trinity Reservoir Storage

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1849.4	1833.6	-15.8	-0.9
1923	BN	1251.7	1229.8	-21.9	-1.7
1924	C	529.8	513.8	-16.0	-3.0
1925	D	939.0	913.8	-25.2	-2.7
1926	D	877.2	890.9	13.8	1.6
1927	W	1666.6	1674.3	7.6	0.5
1928	AN	1601.9	1604.5	2.5	0.2
1929	C	1070.1	1053.9	-16.2	-1.5
1930	D	1019.9	970.4	-49.5	-4.9
1931	C	625.8	556.4	-69.4	-11.1
1932	D	596.3	526.3	-70.0	-11.7
1933	C	676.6	601.0	-75.6	-11.2
1934	C	587.0	530.8	-56.2	-9.6
1935	BN	798.3	676.5	-121.8	-15.3
1936	BN	930.5	887.0	-43.5	-4.7
1937	BN	1151.8	1115.3	-36.4	-3.2
1938	W	2212.8	2177.2	-35.6	-1.6
1939	D	1511.3	1513.1	1.7	0.1
1940	AN	1767.9	1735.1	-32.7	-1.8
1941	W	2270.0	2270.0	0.0	0.0
1942	W	2270.0	2270.0	0.0	0.0
1943	W	1957.1	1957.1	0.0	0.0
1944	D	1610.9	1589.4	-21.5	-1.3
1945	BN	1441.8	1420.8	-21.0	-1.5
1946	BN	1717.6	1666.4	-51.2	-3.0
1947	D	1327.1	1310.1	-17.0	-1.3
1948	BN	1367.8	1376.9	9.1	0.7
1949	D	1482.3	1486.2	3.9	0.3
1950	BN	1379.2	1383.0	3.8	0.3
1951	AN	1814.1	1817.9	3.7	0.2
1952	W	2270.0	2270.0	0.0	0.0
1953	W	2270.0	2270.0	0.0	0.0
1954	AN	1988.9	1988.9	0.0	0.0
1955	D	1560.0	1574.0	14.1	0.9
1956	W	2174.1	2177.5	3.4	0.2
1957	AN	2013.5	1924.2	-89.3	-4.4
1958	W	2270.0	2270.0	0.0	0.0
1959	BN	1672.0	1678.0	5.9	0.4
1960	D	1382.8	1375.1	-7.6	-0.5
1961	D	1555.4	1493.2	-62.2	-4.0
1962	BN	1386.5	1373.3	-13.1	-0.9
1963	W	2001.9	1989.0	-12.9	-0.6
1964	D	1503.9	1547.5	43.6	2.9
1965	W	1881.2	1818.3	-62.9	-3.3
1966	BN	2110.7	2036.0	-74.7	-3.5
1967	W	2270.0	2270.0	0.0	0.0
1968	BN	1752.8	1739.2	-13.6	-0.8
1969	W	2225.4	2223.8	-1.6	-0.1
1970	W	1706.0	1708.1	2.0	0.1
1971	W	2270.0	2270.0	0.0	0.0
1972	BN	1905.4	1828.6	-76.7	-4.0
1973	AN	2142.2	2120.1	-22.1	-1.0
1974	W	2270.0	2270.0	0.0	0.0
1975	W	2270.0	2270.0	0.0	0.0
1976	C	1516.8	1496.6	-20.2	-1.3
1977	C	614.3	571.8	-42.6	-6.9
1978	AN	1581.7	1471.5	-110.3	-7.0
1979	BN	1574.7	1466.4	-108.4	-6.9
1980	AN	1853.7	1833.3	-20.4	-1.1
1981	D	1655.5	1671.8	16.3	1.0
1982	W	2062.8	2062.8	0.0	0.0
1983	W	2270.0	2270.0	0.0	0.0
1984	W	1912.6	1916.3	3.7	0.2
1985	D	1530.6	1492.6	-38.0	-2.5
1986	W	1681.5	1660.9	-20.6	-1.2
1987	D	1234.9	1195.0	-39.9	-3.2
1988	C	1038.0	1020.3	-17.7	-1.7
1989	D	1032.5	1007.2	-25.3	-2.5
1990	C	917.8	874.9	-43.0	-4.7
1991	C	695.4	663.4	-32.0	-4.6
1992	C	756.2	710.0	-46.2	-6.1
1993	AN	1586.1	1567.8	-18.3	-1.2
	Mean:	1564.9	1541.5	-23.3	-2.2
	Median:	1594.0	1581.7	-16.6	-1.2
	Min:	529.8	513.8	-121.8	-15.3
	Max:	2270.0	2270.0	43.6	2.9

Trinity Reservoir Storage

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1695.8	1680.0	-15.8	-0.9
1923	BN	1086.3	1064.5	-21.8	-2.0
1924	C	434.3	357.3	-77.0	-17.7
1925	D	810.9	787.6	-23.3	-2.9
1926	D	745.3	753.1	7.8	1.0
1927	W	1553.5	1561.1	7.6	0.5
1928	AN	1384.1	1393.7	9.6	0.7
1929	C	949.4	921.2	-28.2	-3.0
1930	D	905.8	855.7	-50.1	-5.5
1931	C	533.2	456.3	-76.9	-14.4
1932	D	498.8	416.6	-82.2	-16.5
1933	C	596.7	523.8	-72.8	-12.2
1934	C	501.2	394.5	-106.8	-21.3
1935	BN	680.1	635.5	-44.5	-6.5
1936	BN	830.0	786.7	-43.3	-5.2
1937	BN	1052.3	1016.0	-36.2	-3.4
1938	W	2096.6	2061.1	-35.5	-1.7
1939	D	1277.3	1279.0	1.7	0.1
1940	AN	1618.0	1585.3	-32.6	-2.0
1941	W	2150.0	2150.0	0.0	0.0
1942	W	2150.0	2150.0	0.0	0.0
1943	W	1838.4	1838.4	0.0	0.0
1944	D	1430.7	1409.3	-21.4	-1.5
1945	BN	1308.5	1287.6	-20.9	-1.6
1946	BN	1571.0	1499.6	-71.4	-4.5
1947	D	1158.5	1146.8	-11.7	-1.0
1948	BN	1256.7	1265.7	9.1	0.7
1949	D	1351.2	1355.1	3.9	0.3
1950	BN	1244.7	1248.5	3.8	0.3
1951	AN	1666.2	1669.9	3.7	0.2
1952	W	2150.0	2150.0	0.0	0.0
1953	W	2150.0	2150.0	0.0	0.0
1954	AN	1802.2	1802.2	0.0	0.0
1955	D	1383.9	1397.9	14.0	1.0
1956	W	2104.3	2064.4	-39.9	-1.9
1957	AN	1818.9	1806.6	-12.3	-0.7
1958	W	2150.0	2150.0	0.0	0.0
1959	BN	1485.0	1488.0	3.0	0.2
1960	D	1251.0	1212.7	-38.3	-3.1
1961	D	1410.2	1363.6	-46.6	-3.3
1962	BN	1263.1	1250.0	-13.1	-1.0
1963	W	1878.8	1865.9	-12.8	-0.7
1964	D	1348.4	1378.1	29.7	2.2
1965	W	1746.1	1714.2	-31.9	-1.8
1966	BN	1924.4	1849.9	-74.4	-3.9
1967	W	2150.0	2150.0	0.0	0.0
1968	BN	1606.5	1562.2	-44.3	-2.8
1969	W	2108.7	2107.1	-1.6	-0.1
1970	W	1553.3	1555.3	2.0	0.1
1971	W	2150.0	2150.0	0.0	0.0
1972	BN	1758.7	1682.2	-76.5	-4.3
1973	AN	1941.9	1919.8	-22.0	-1.1
1974	W	2150.0	2150.0	0.0	0.0
1975	W	2150.0	2150.0	0.0	0.0
1976	C	1362.5	1342.4	-20.1	-1.5
1977	C	510.6	500.0	-10.6	-2.1
1978	AN	1472.2	1362.4	-109.8	-7.5
1979	BN	1421.5	1328.9	-92.6	-6.5
1980	AN	1703.0	1682.7	-20.3	-1.2
1981	D	1497.7	1483.3	-14.4	-1.0
1982	W	1948.0	1948.0	0.0	0.0
1983	W	2150.0	2150.0	0.0	0.0
1984	W	1767.8	1772.2	4.4	0.2
1985	D	1320.8	1269.3	-51.5	-3.9
1986	W	1503.5	1467.7	-35.7	-2.4
1987	D	1033.9	976.5	-57.4	-5.6
1988	C	884.7	864.6	-20.1	-2.3
1989	D	928.5	903.4	-25.1	-2.7
1990	C	794.6	751.9	-42.7	-5.4
1991	C	634.5	604.7	-29.8	-4.7
1992	C	602.9	567.8	-35.1	-5.8
1993	AN	1475.8	1457.6	-18.2	-1.2
	Mean:	1428.1	1403.5	-24.6	-2.7
	Median:	1451.4	1403.6	-20.1	-1.4
	Min:	434.3	357.3	-109.8	-21.3
	Max:	2150.0	2150.0	29.7	2.2

Trinity Reservoir Storage

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Storage (TAF)	Future No Action Storage (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1547.2	1531.4	-15.7	-1.0
1923	BN	1003.3	981.7	-21.7	-2.2
1924	C	310.1	240.0	-70.1	-22.6
1925	D	739.7	716.5	-23.2	-3.1
1926	D	660.8	668.5	7.8	1.2
1927	W	1412.2	1419.8	7.6	0.5
1928	AN	1269.6	1274.1	4.5	0.4
1929	C	863.0	834.9	-28.1	-3.3
1930	D	821.9	771.9	-50.0	-6.1
1931	C	491.9	333.1	-158.8	-32.3
1932	D	446.7	363.9	-82.8	-18.5
1933	C	557.8	486.7	-71.2	-12.8
1934	C	424.3	252.7	-171.6	-40.4
1935	BN	641.2	596.9	-44.4	-6.9
1936	BN	748.1	705.0	-43.1	-5.8
1937	BN	969.7	933.6	-36.1	-3.7
1938	W	1975.0	1975.0	0.0	0.0
1939	D	1120.1	1086.9	-33.2	-3.0
1940	AN	1478.4	1445.9	-32.5	-2.2
1941	W	1975.0	1975.0	0.0	0.0
1942	W	1975.0	1975.0	0.0	0.0
1943	W	1692.8	1692.8	0.0	0.0
1944	D	1315.7	1294.4	-21.3	-1.6
1945	BN	1194.0	1173.2	-20.8	-1.7
1946	BN	1428.3	1386.8	-41.5	-2.9
1947	D	1019.7	1028.9	9.3	0.9
1948	BN	1233.5	1242.5	9.1	0.7
1949	D	1237.7	1241.6	3.9	0.3
1950	BN	1132.6	1136.4	3.8	0.3
1951	AN	1522.0	1525.8	3.7	0.2
1952	W	1975.0	1975.0	0.0	0.0
1953	W	1975.0	1975.0	0.0	0.0
1954	AN	1665.3	1665.3	0.0	0.0
1955	D	1274.3	1288.2	13.9	1.1
1956	W	1975.0	1975.0	0.0	0.0
1957	AN	1680.6	1668.4	-12.2	-0.7
1958	W	1975.0	1975.0	0.0	0.0
1959	BN	1301.6	1300.0	-1.6	-0.1
1960	D	1137.0	1098.9	-38.1	-3.4
1961	D	1297.0	1250.5	-46.4	-3.6
1962	BN	1151.2	1138.2	-13.0	-1.1
1963	W	1798.0	1748.9	-49.0	-2.7
1964	D	1242.1	1266.3	24.2	1.9
1965	W	1609.3	1577.4	-31.9	-2.0
1966	BN	1788.9	1714.7	-74.3	-4.2
1967	W	1975.0	1975.0	0.0	0.0
1968	BN	1466.4	1392.6	-73.8	-5.0
1969	W	1975.0	1975.0	0.0	0.0
1970	W	1376.0	1378.0	2.0	0.1
1971	W	1975.0	1975.0	0.0	0.0
1972	BN	1611.5	1535.2	-76.3	-4.7
1973	AN	1801.2	1779.2	-22.0	-1.2
1974	W	1975.0	1975.0	0.0	0.0
1975	W	1975.0	1975.0	0.0	0.0
1976	C	1251.1	1231.1	-20.0	-1.6
1977	C	484.8	474.3	-10.5	-2.2
1978	AN	1388.5	1279.0	-109.4	-7.9
1979	BN	1309.6	1217.3	-92.3	-7.0
1980	AN	1559.5	1539.2	-20.3	-1.3
1981	D	1376.6	1362.3	-14.4	-1.0
1982	W	1921.0	1921.0	0.0	0.0
1983	W	1975.0	1975.0	0.0	0.0
1984	W	1626.1	1630.5	4.4	0.3
1985	D	1183.7	1122.9	-60.8	-5.1
1986	W	1394.9	1359.3	-35.6	-2.6
1987	D	898.1	864.5	-33.5	-3.7
1988	C	787.3	774.3	-13.1	-1.7
1989	D	850.7	825.7	-25.0	-2.9
1990	C	708.5	665.9	-42.6	-6.0
1991	C	595.3	565.7	-29.6	-5.0
1992	C	537.3	522.3	-15.0	-2.8
1993	AN	1449.1	1430.9	-18.2	-1.3
	Mean:	1312.2	1286.5	-25.7	-3.4
	Median:	1312.7	1291.3	-17.0	-1.5
	Min:	310.1	240.0	-171.6	-40.4
	Max:	1975.0	1975.0	24.2	1.9

Trinity Reservoir Water Surface Elevation

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2326.4	2326.4	0.0	0.0
1923	BN	2301.9	2300.6	-1.3	-0.1
1924	C	2252.6	2250.2	-2.5	-0.1
1925	D	2142.6	2102.6	-40.0	-1.9
1926	D	2218.2	2214.9	-3.3	-0.1
1927	W	2209.0	2210.1	1.1	0.0
1928	AN	2290.1	2290.8	0.6	0.0
1929	C	2276.7	2277.2	0.4	0.0
1930	D	2234.8	2228.5	-6.3	-0.3
1931	C	2229.0	2221.9	-7.1	-0.3
1932	D	2177.8	2132.2	-45.6	-2.1
1933	C	2165.9	2149.1	-16.8	-0.8
1934	C	2190.9	2176.5	-14.5	-0.7
1935	BN	2156.3	2102.6	-53.7	-2.5
1936	BN	2205.7	2199.4	-6.3	-0.3
1937	BN	2218.3	2212.1	-6.1	-0.3
1938	W	2248.8	2244.7	-4.1	-0.2
1939	D	2332.3	2332.3	0.0	0.0
1940	AN	2264.8	2261.2	-3.5	-0.2
1941	W	2296.0	2293.2	-2.7	-0.1
1942	W	2332.3	2332.3	0.0	0.0
1943	W	2332.3	2332.3	0.0	0.0
1944	D	2314.1	2314.1	0.0	0.0
1945	BN	2281.3	2279.2	-2.1	-0.1
1946	BN	2274.2	2272.1	-2.1	-0.1
1947	D	2291.4	2287.9	-3.5	-0.2
1948	BN	2258.8	2259.8	1.1	0.0
1949	D	2274.9	2275.3	0.4	0.0
1950	BN	2273.6	2274.0	0.4	0.0
1951	AN	2278.6	2279.0	0.4	0.0
1952	W	2299.9	2300.2	0.3	0.0
1953	W	2332.3	2332.3	0.0	0.0
1954	AN	2332.3	2332.3	0.0	0.0
1955	D	2311.7	2311.7	0.0	0.0
1956	W	2277.2	2278.6	1.4	0.1
1957	AN	2332.3	2332.3	0.0	0.0
1958	W	2325.6	2324.6	-1.0	0.0
1959	BN	2332.3	2332.3	0.0	0.0
1960	D	2280.0	2279.8	-0.2	0.0
1961	D	2266.9	2263.1	-3.8	-0.2
1962	BN	2279.4	2274.8	-4.6	-0.2
1963	W	2281.7	2280.4	-1.3	-0.1
1964	D	2327.6	2323.4	-4.2	-0.2
1965	W	2273.4	2275.8	2.4	0.1
1966	BN	2306.7	2304.0	-2.7	-0.1
1967	W	2317.4	2313.3	-4.2	-0.2
1968	BN	2332.3	2332.3	0.0	0.0
1969	W	2295.0	2288.8	-6.2	-0.3
1970	W	2332.3	2332.3	0.0	0.0
1971	W	2287.1	2287.3	0.2	0.0
1972	BN	2332.3	2332.3	0.0	0.0
1973	AN	2305.2	2301.4	-3.8	-0.2
1974	W	2328.5	2323.9	-4.7	-0.2
1975	W	2332.3	2332.3	0.0	0.0
1976	C	2332.3	2332.3	0.0	0.0
1977	C	2274.6	2272.6	-2.0	-0.1
1978	AN	2178.1	2128.0	-50.1	-2.3
1979	BN	2288.0	2277.8	-10.2	-0.4
1980	AN	2283.8	2274.5	-9.2	-0.4
1981	D	2302.2	2300.5	-1.7	-0.1
1982	W	2287.8	2286.6	-1.2	-0.1
1983	W	2332.3	2332.3	0.0	0.0
1984	W	2332.3	2332.3	0.0	0.0
1985	D	2308.4	2308.8	0.4	0.0
1986	W	2271.7	2265.7	-6.1	-0.3
1987	D	2289.1	2286.1	-3.0	-0.1
1988	C	2239.2	2234.4	-4.7	-0.2
1989	D	2221.4	2219.9	-1.4	-0.1
1990	C	2239.4	2235.9	-3.5	-0.2
1991	C	2212.0	2208.2	-3.9	-0.2
1992	C	2198.5	2192.5	-6.0	-0.3
1993	AN	2187.0	2183.9	-3.0	-0.1
	Mean:	2275.7	2270.7	-4.9	-0.2
	Median:	2282.7	2279.5	-1.9	-0.1
	Min:	2142.6	2102.6	-53.7	-2.5
	Max:	2332.3	2332.3	2.4	0.1

Trinity Reservoir Water Surface Elevation

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2321.1	2320.6	-0.5	0.0
1923	BN	2299.5	2298.2	-1.3	-0.1
1924	C	2251.4	2249.0	-2.5	-0.1
1925	D	2157.9	2145.1	-12.8	-0.6
1926	D	2217.4	2214.9	-2.5	-0.1
1927	W	2232.1	2233.2	1.1	0.0
1928	AN	2295.0	2295.2	0.2	0.0
1929	C	2274.3	2274.7	0.4	0.0
1930	D	2232.4	2226.1	-6.3	-0.3
1931	C	2227.0	2219.8	-7.1	-0.3
1932	D	2175.3	2117.7	-57.7	-2.7
1933	C	2164.7	2147.9	-16.8	-0.8
1934	C	2189.3	2172.8	-16.5	-0.8
1935	BN	2169.4	2142.9	-26.5	-1.2
1936	BN	2205.0	2198.6	-6.5	-0.3
1937	BN	2215.9	2210.6	-5.3	-0.2
1938	W	2264.7	2260.8	-3.9	-0.2
1939	D	2332.3	2332.3	0.0	0.0
1940	AN	2263.2	2259.4	-3.8	-0.2
1941	W	2294.4	2291.6	-2.7	-0.1
1942	W	2332.3	2332.3	0.0	0.0
1943	W	2332.3	2332.3	0.0	0.0
1944	D	2314.9	2312.4	-2.5	-0.1
1945	BN	2281.6	2279.4	-2.1	-0.1
1946	BN	2279.1	2277.1	-2.1	-0.1
1947	D	2290.9	2287.4	-3.5	-0.2
1948	BN	2260.0	2261.1	1.1	0.0
1949	D	2275.6	2276.0	0.4	0.0
1950	BN	2272.8	2273.2	0.4	0.0
1951	AN	2289.2	2289.5	0.3	0.0
1952	W	2300.4	2300.7	0.3	0.0
1953	W	2331.8	2331.8	0.0	0.0
1954	AN	2332.3	2332.3	0.0	0.0
1955	D	2316.0	2316.0	0.0	0.0
1956	W	2275.6	2277.0	1.4	0.1
1957	AN	2332.3	2331.9	-0.3	0.0
1958	W	2332.3	2331.3	-0.9	0.0
1959	BN	2332.2	2331.9	-0.3	0.0
1960	D	2276.2	2276.0	-0.2	0.0
1961	D	2267.2	2263.4	-3.8	-0.2
1962	BN	2277.3	2275.1	-2.3	-0.1
1963	W	2286.4	2285.3	-1.1	0.0
1964	D	2332.3	2332.3	0.0	0.0
1965	W	2276.5	2278.9	2.4	0.1
1966	BN	2314.1	2311.4	-2.7	-0.1
1967	W	2324.4	2320.2	-4.2	-0.2
1968	BN	2332.3	2332.3	0.0	0.0
1969	W	2294.7	2288.4	-6.2	-0.3
1970	W	2332.3	2332.3	0.0	0.0
1971	W	2296.1	2296.2	0.2	0.0
1972	BN	2332.2	2332.3	0.0	0.0
1973	AN	2306.0	2302.2	-3.8	-0.2
1974	W	2332.3	2332.3	0.0	0.0
1975	W	2332.2	2332.2	0.0	0.0
1976	C	2332.3	2332.3	0.0	0.0
1977	C	2273.5	2271.5	-2.0	-0.1
1978	AN	2182.7	2143.8	-38.9	-1.8
1979	BN	2287.7	2277.5	-10.2	-0.4
1980	AN	2286.8	2280.5	-6.3	-0.3
1981	D	2300.3	2297.3	-3.0	-0.1
1982	W	2308.3	2307.1	-1.2	-0.1
1983	W	2332.3	2332.3	0.0	0.0
1984	W	2332.3	2332.3	0.0	0.0
1985	D	2319.3	2319.7	0.4	0.0
1986	W	2270.6	2264.5	-6.1	-0.3
1987	D	2286.1	2283.0	-3.2	-0.1
1988	C	2237.1	2232.4	-4.8	-0.2
1989	D	2226.5	2225.0	-1.4	-0.1
1990	C	2239.0	2235.4	-3.6	-0.2
1991	C	2210.1	2206.3	-3.9	-0.2
1992	C	2196.4	2190.4	-6.0	-0.3
1993	AN	2186.7	2183.0	-3.8	-0.2
	Mean:	2277.6	2273.5	-4.1	-0.2
	Median:	2286.6	2281.7	-1.7	-0.1
	Min:	2157.9	2117.7	-57.7	-2.7
	Max:	2332.3	2332.3	2.4	0.1

Trinity Reservoir Water Surface Elevation

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2321.2	2320.6	-0.7	0.0
1923	BN	2299.8	2298.4	-1.3	-0.1
1924	C	2250.7	2248.2	-2.5	-0.1
1925	D	2167.7	2154.9	-12.8	-0.6
1926	D	2220.0	2217.9	-2.1	-0.1
1927	W	2255.7	2256.6	0.9	0.0
1928	AN	2296.6	2296.8	0.2	0.0
1929	C	2274.0	2274.5	0.4	0.0
1930	D	2248.3	2243.3	-5.0	-0.2
1931	C	2225.3	2218.2	-7.1	-0.3
1932	D	2175.4	2118.0	-57.4	-2.6
1933	C	2163.7	2147.0	-16.8	-0.8
1934	C	2191.2	2174.6	-16.5	-0.8
1935	BN	2177.0	2150.5	-26.5	-1.2
1936	BN	2205.5	2199.2	-6.3	-0.3
1937	BN	2214.5	2209.2	-5.3	-0.2
1938	W	2286.2	2283.0	-3.2	-0.1
1939	D	2331.8	2330.8	-0.9	0.0
1940	AN	2269.5	2266.2	-3.3	-0.1
1941	W	2306.1	2303.4	-2.7	-0.1
1942	W	2332.3	2332.3	0.0	0.0
1943	W	2332.3	2332.3	0.0	0.0
1944	D	2314.4	2311.9	-2.5	-0.1
1945	BN	2287.4	2285.6	-1.8	-0.1
1946	BN	2296.0	2294.2	-1.8	-0.1
1947	D	2291.9	2288.4	-3.5	-0.2
1948	BN	2259.9	2260.9	1.1	0.0
1949	D	2275.7	2276.1	0.4	0.0
1950	BN	2271.6	2272.0	0.4	0.0
1951	AN	2310.9	2311.2	0.3	0.0
1952	W	2312.8	2313.1	0.3	0.0
1953	W	2332.3	2332.3	0.0	0.0
1954	AN	2332.3	2332.3	0.0	0.0
1955	D	2320.8	2320.8	0.0	0.0
1956	W	2302.9	2304.1	1.2	0.1
1957	AN	2328.6	2328.4	-0.3	0.0
1958	W	2332.3	2332.3	0.0	0.0
1959	BN	2329.7	2328.8	-1.0	0.0
1960	D	2274.1	2274.5	0.4	0.0
1961	D	2276.1	2272.3	-3.8	-0.2
1962	BN	2279.6	2278.2	-1.3	-0.1
1963	W	2301.1	2300.0	-1.1	0.0
1964	D	2331.2	2331.2	0.0	0.0
1965	W	2323.0	2325.0	2.1	0.1
1966	BN	2317.6	2314.9	-2.7	-0.1
1967	W	2332.3	2332.3	0.0	0.0
1968	BN	2331.0	2330.8	-0.2	0.0
1969	W	2299.7	2293.5	-6.2	-0.3
1970	W	2332.3	2332.3	0.0	0.0
1971	W	2307.1	2307.3	0.2	0.0
1972	BN	2331.3	2331.3	0.0	0.0
1973	AN	2315.3	2311.4	-3.9	-0.2
1974	W	2332.3	2332.3	0.0	0.0
1975	W	2331.9	2331.5	-0.4	0.0
1976	C	2330.9	2330.9	0.0	0.0
1977	C	2271.6	2269.6	-2.0	-0.1
1978	AN	2204.8	2184.5	-20.3	-0.9
1979	BN	2287.4	2276.5	-10.9	-0.5
1980	AN	2292.2	2285.6	-6.5	-0.3
1981	D	2303.6	2299.9	-3.7	-0.2
1982	W	2332.3	2332.3	0.0	0.0
1983	W	2332.3	2332.3	0.0	0.0
1984	W	2332.3	2332.3	0.0	0.0
1985	D	2323.9	2324.3	0.4	0.0
1986	W	2271.6	2265.6	-6.1	-0.3
1987	D	2285.0	2281.7	-3.4	-0.1
1988	C	2256.8	2253.0	-3.8	-0.2
1989	D	2228.4	2226.9	-1.4	-0.1
1990	C	2237.7	2234.1	-3.6	-0.2
1991	C	2208.5	2204.6	-3.9	-0.2
1992	C	2195.6	2189.6	-6.0	-0.3
1993	AN	2191.5	2187.7	-3.8	-0.2
	Mean:	2282.6	2278.9	-3.7	-0.2
	Median:	2296.3	2293.8	-1.3	-0.1
	Min:	2163.7	2118.0	-57.4	-2.6
	Max:	2332.3	2332.3	2.1	0.1

Trinity Reservoir Water Surface Elevation

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2320.9	2320.3	-0.7	0.0
1923	BN	2302.0	2299.9	-2.1	-0.1
1924	C	2241.7	2239.3	-2.4	-0.1
1925	D	2164.9	2159.7	-5.2	-0.2
1926	D	2220.2	2218.1	-2.1	-0.1
1927	W	2268.4	2269.2	0.8	0.0
1928	AN	2301.3	2301.6	0.2	0.0
1929	C	2271.5	2270.4	-1.1	0.0
1930	D	2250.2	2245.1	-5.0	-0.2
1931	C	2226.6	2219.4	-7.1	-0.3
1932	D	2168.7	2126.2	-42.5	-2.0
1933	C	2163.3	2146.6	-16.7	-0.8
1934	C	2202.3	2187.2	-15.1	-0.7
1935	BN	2185.4	2158.9	-26.5	-1.2
1936	BN	2221.7	2215.4	-6.3	-0.3
1937	BN	2213.3	2208.0	-5.3	-0.2
1938	W	2293.9	2290.8	-3.0	-0.1
1939	D	2325.4	2324.1	-1.3	-0.1
1940	AN	2286.5	2283.6	-2.9	-0.1
1941	W	2324.8	2322.0	-2.8	-0.1
1942	W	2336.5	2336.5	0.0	0.0
1943	W	2336.5	2336.5	0.0	0.0
1944	D	2312.8	2311.3	-1.5	-0.1
1945	BN	2291.2	2289.4	-1.8	-0.1
1946	BN	2307.0	2305.3	-1.8	-0.1
1947	D	2291.2	2287.7	-3.5	-0.2
1948	BN	2279.5	2280.4	0.9	0.0
1949	D	2275.0	2275.4	0.4	0.0
1950	BN	2274.3	2274.6	0.4	0.0
1951	AN	2318.6	2318.9	0.3	0.0
1952	W	2317.8	2318.1	0.3	0.0
1953	W	2336.5	2336.5	0.0	0.0
1954	AN	2336.5	2336.5	0.0	0.0
1955	D	2321.8	2321.8	0.0	0.0
1956	W	2331.2	2332.4	1.2	0.1
1957	AN	2326.9	2326.8	-0.1	0.0
1958	W	2336.5	2336.5	0.0	0.0
1959	BN	2336.5	2336.5	0.0	0.0
1960	D	2274.9	2275.3	0.4	0.0
1961	D	2279.3	2276.1	-3.2	-0.1
1962	BN	2280.0	2278.7	-1.3	-0.1
1963	W	2304.5	2303.4	-1.1	0.0
1964	D	2335.8	2335.8	0.0	0.0
1965	W	2336.5	2336.5	0.0	0.0
1966	BN	2324.6	2321.9	-2.7	-0.1
1967	W	2336.5	2336.5	0.0	0.0
1968	BN	2330.4	2330.1	-0.3	0.0
1969	W	2311.8	2305.6	-6.2	-0.3
1970	W	2336.5	2336.5	0.0	0.0
1971	W	2327.0	2327.2	0.2	0.0
1972	BN	2335.3	2335.3	0.0	0.0
1973	AN	2328.9	2325.1	-3.9	-0.2
1974	W	2336.5	2336.5	0.0	0.0
1975	W	2329.7	2330.2	0.5	0.0
1976	C	2318.9	2318.9	0.0	0.0
1977	C	2270.6	2266.9	-3.6	-0.2
1978	AN	2257.4	2244.6	-12.8	-0.6
1979	BN	2289.3	2278.7	-10.6	-0.5
1980	AN	2311.5	2304.9	-6.5	-0.3
1981	D	2312.7	2308.9	-3.8	-0.2
1982	W	2336.5	2336.5	0.0	0.0
1983	W	2336.5	2336.5	0.0	0.0
1984	W	2336.5	2336.5	0.0	0.0
1985	D	2322.0	2322.1	0.1	0.0
1986	W	2284.4	2278.4	-6.0	-0.3
1987	D	2285.9	2282.7	-3.2	-0.1
1988	C	2265.5	2262.0	-3.5	-0.2
1989	D	2231.4	2230.0	-1.4	-0.1
1990	C	2244.7	2241.8	-2.9	-0.1
1991	C	2207.8	2203.9	-3.9	-0.2
1992	C	2197.1	2191.1	-6.0	-0.3
1993	AN	2202.6	2199.9	-2.7	-0.1
	Mean:	2288.0	2284.7	-3.3	-0.2
	Median:	2303.3	2302.5	-1.4	-0.1
	Min:	2163.3	2126.2	-42.5	-2.0
	Max:	2336.5	2336.5	1.2	0.1

Trinity Reservoir Water Surface Elevation

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2322.9	2321.5	-1.4	-0.1
1923	BN	2304.0	2301.9	-2.1	-0.1
1924	C	2246.6	2244.2	-2.4	-0.1
1925	D	2213.7	2210.1	-3.7	-0.2
1926	D	2241.0	2239.4	-1.6	-0.1
1927	W	2290.9	2291.6	0.7	0.0
1928	AN	2310.6	2310.8	0.2	0.0
1929	C	2274.0	2272.9	-1.1	0.0
1930	D	2261.4	2256.4	-5.0	-0.2
1931	C	2229.3	2222.9	-6.3	-0.3
1932	D	2173.1	2140.4	-32.7	-1.5
1933	C	2163.4	2146.7	-16.7	-0.8
1934	C	2215.1	2203.5	-11.6	-0.5
1935	BN	2201.5	2176.1	-25.4	-1.2
1936	BN	2241.2	2235.4	-5.8	-0.3
1937	BN	2213.9	2208.6	-5.3	-0.2
1938	W	2307.1	2304.1	-3.0	-0.1
1939	D	2323.5	2324.0	0.5	0.0
1940	AN	2314.0	2311.2	-2.8	-0.1
1941	W	2354.1	2343.3	-10.9	-0.5
1942	W	2354.1	2354.1	0.0	0.0
1943	W	2354.1	2354.1	0.0	0.0
1944	D	2316.5	2314.9	-1.5	-0.1
1945	BN	2304.7	2302.9	-1.8	-0.1
1946	BN	2311.7	2309.9	-1.8	-0.1
1947	D	2295.6	2292.1	-3.5	-0.2
1948	BN	2281.7	2282.6	0.9	0.0
1949	D	2278.7	2279.1	0.4	0.0
1950	BN	2279.9	2280.3	0.4	0.0
1951	AN	2337.3	2337.6	0.3	0.0
1952	W	2334.0	2334.3	0.3	0.0
1953	W	2339.3	2339.3	0.0	0.0
1954	AN	2354.1	2354.1	0.0	0.0
1955	D	2321.3	2318.8	-2.5	-0.1
1956	W	2342.9	2344.1	1.2	0.1
1957	AN	2340.6	2340.5	-0.1	0.0
1958	W	2348.1	2348.1	0.0	0.0
1959	BN	2354.1	2354.1	0.0	0.0
1960	D	2288.3	2288.7	0.4	0.0
1961	D	2298.8	2296.1	-2.7	-0.1
1962	BN	2292.0	2290.8	-1.1	0.0
1963	W	2329.5	2328.4	-1.1	0.0
1964	D	2332.6	2333.6	1.0	0.0
1965	W	2342.4	2342.4	0.0	0.0
1966	BN	2330.4	2327.7	-2.7	-0.1
1967	W	2354.1	2354.1	0.0	0.0
1968	BN	2354.1	2354.1	0.0	0.0
1969	W	2322.4	2316.2	-6.3	-0.3
1970	W	2354.1	2354.1	0.0	0.0
1971	W	2337.6	2338.3	0.8	0.0
1972	BN	2344.8	2344.8	0.1	0.0
1973	AN	2342.0	2338.2	-3.9	-0.2
1974	W	2354.1	2354.1	0.0	0.0
1975	W	2338.0	2338.5	0.5	0.0
1976	C	2318.8	2320.0	1.2	0.1
1977	C	2269.8	2265.0	-4.8	-0.2
1978	AN	2276.6	2265.5	-11.2	-0.5
1979	BN	2293.8	2284.5	-9.3	-0.4
1980	AN	2337.2	2330.6	-6.6	-0.3
1981	D	2324.5	2320.7	-3.8	-0.2
1982	W	2354.1	2354.1	0.0	0.0
1983	W	2354.1	2354.1	0.0	0.0
1984	W	2344.3	2344.3	0.0	0.0
1985	D	2322.8	2322.9	0.1	0.0
1986	W	2325.3	2320.2	-5.2	-0.2
1987	D	2292.4	2289.4	-3.0	-0.1
1988	C	2274.1	2270.7	-3.3	-0.1
1989	D	2235.1	2233.6	-1.4	-0.1
1990	C	2247.0	2244.2	-2.9	-0.1
1991	C	2209.2	2205.3	-3.9	-0.2
1992	C	2217.6	2213.4	-4.2	-0.2
1993	AN	2223.2	2220.5	-2.7	-0.1
	Mean:	2299.8	2296.7	-3.1	-0.1
	Median:	2315.2	2313.1	-1.5	-0.1
	Min:	2163.4	2140.4	-32.7	-1.5
	Max:	2354.1	2354.1	1.2	0.1

Trinity Reservoir Water Surface Elevation

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2327.1	2325.7	-1.4	-0.1
1923	BN	2308.3	2305.9	-2.4	-0.1
1924	C	2244.0	2242.3	-1.7	-0.1
1925	D	2233.9	2230.3	-3.7	-0.2
1926	D	2252.7	2251.1	-1.6	-0.1
1927	W	2305.9	2306.6	0.7	0.0
1928	AN	2328.1	2328.4	0.2	0.0
1929	C	2279.8	2278.1	-1.6	-0.1
1930	D	2274.2	2269.8	-4.4	-0.2
1931	C	2237.5	2231.2	-6.3	-0.3
1932	D	2202.5	2172.5	-30.0	-1.4
1933	C	2187.2	2170.5	-16.7	-0.8
1934	C	2233.1	2224.6	-8.5	-0.4
1935	BN	2210.1	2188.4	-21.7	-1.0
1936	BN	2253.9	2248.9	-5.1	-0.2
1937	BN	2228.9	2223.6	-5.3	-0.2
1938	W	2329.3	2326.2	-3.1	-0.1
1939	D	2332.5	2333.0	0.5	0.0
1940	AN	2339.7	2336.9	-2.8	-0.1
1941	W	2350.3	2350.3	0.0	0.0
1942	W	2342.9	2342.9	0.0	0.0
1943	W	2350.3	2350.3	0.0	0.0
1944	D	2322.2	2320.7	-1.5	-0.1
1945	BN	2309.2	2307.4	-1.8	-0.1
1946	BN	2322.3	2320.6	-1.8	-0.1
1947	D	2304.9	2301.4	-3.5	-0.2
1948	BN	2284.2	2285.0	0.8	0.0
1949	D	2297.8	2298.1	0.3	0.0
1950	BN	2290.8	2291.1	0.3	0.0
1951	AN	2345.7	2345.9	0.2	0.0
1952	W	2347.0	2347.2	0.2	0.0
1953	W	2348.2	2347.9	-0.3	0.0
1954	AN	2350.3	2350.3	0.0	0.0
1955	D	2323.5	2321.0	-2.5	-0.1
1956	W	2349.2	2349.4	0.2	0.0
1957	AN	2350.3	2350.3	0.0	0.0
1958	W	2350.3	2350.3	0.0	0.0
1959	BN	2343.2	2343.5	0.3	0.0
1960	D	2304.2	2303.8	-0.4	0.0
1961	D	2309.6	2306.9	-2.7	-0.1
1962	BN	2298.4	2297.3	-1.1	0.0
1963	W	2336.2	2335.1	-1.1	0.0
1964	D	2335.6	2334.2	-1.3	-0.1
1965	W	2339.2	2340.1	0.9	0.0
1966	BN	2346.9	2345.2	-1.7	-0.1
1967	W	2350.3	2350.3	0.0	0.0
1968	BN	2349.3	2349.3	0.0	0.0
1969	W	2336.2	2329.9	-6.3	-0.3
1970	W	2348.6	2348.6	0.0	0.0
1971	W	2350.3	2350.3	0.0	0.0
1972	BN	2350.3	2350.3	0.0	0.0
1973	AN	2349.8	2347.4	-2.4	-0.1
1974	W	2350.3	2350.3	0.0	0.0
1975	W	2350.3	2350.3	0.0	0.0
1976	C	2323.2	2321.5	-1.7	-0.1
1977	C	2268.2	2263.0	-5.2	-0.2
1978	AN	2302.0	2292.5	-9.4	-0.4
1979	BN	2306.4	2297.1	-9.3	-0.4
1980	AN	2347.4	2342.2	-5.2	-0.2
1981	D	2335.2	2331.5	-3.8	-0.2
1982	W	2350.3	2350.3	0.0	0.0
1983	W	2350.3	2350.3	0.0	0.0
1984	W	2350.3	2350.3	0.0	0.0
1985	D	2326.8	2326.3	-0.5	0.0
1986	W	2350.3	2347.7	-2.7	-0.1
1987	D	2310.3	2307.3	-3.0	-0.1
1988	C	2280.0	2277.9	-2.1	-0.1
1989	D	2273.6	2272.6	-1.0	0.0
1990	C	2256.6	2254.0	-2.6	-0.1
1991	C	2220.3	2216.5	-3.9	-0.2
1992	C	2237.9	2233.7	-4.2	-0.2
1993	AN	2268.7	2266.8	-1.9	-0.1
	Mean:	2309.1	2306.4	-2.7	-0.1
	Median:	2325.2	2323.6	-1.6	-0.1
	Min:	2187.2	2170.5	-30.0	-1.4
	Max:	2350.3	2350.3	0.9	0.0

Trinity Reservoir Water Surface Elevation

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2335.5	2334.1	-1.4	-0.1
1923	BN	2318.0	2315.6	-2.4	-0.1
1924	C	2236.8	2234.8	-1.9	-0.1
1925	D	2268.2	2265.6	-2.6	-0.1
1926	D	2275.9	2274.5	-1.4	-0.1
1927	W	2325.3	2325.9	0.7	0.0
1928	AN	2340.5	2340.8	0.2	0.0
1929	C	2281.7	2280.0	-1.6	-0.1
1930	D	2284.2	2279.8	-4.4	-0.2
1931	C	2242.6	2237.2	-5.4	-0.2
1932	D	2215.3	2190.8	-24.5	-1.1
1933	C	2212.6	2200.9	-11.7	-0.5
1934	C	2236.2	2228.1	-8.1	-0.4
1935	BN	2240.3	2222.1	-18.2	-0.8
1936	BN	2271.1	2266.7	-4.4	-0.2
1937	BN	2256.7	2252.5	-4.2	-0.2
1938	W	2351.6	2349.6	-1.9	-0.1
1939	D	2339.0	2339.5	0.5	0.0
1940	AN	2353.8	2352.0	-1.8	-0.1
1941	W	2368.2	2368.2	0.0	0.0
1942	W	2354.4	2354.4	0.0	0.0
1943	W	2360.0	2360.0	0.0	0.0
1944	D	2325.4	2323.9	-1.5	-0.1
1945	BN	2320.6	2318.8	-1.8	-0.1
1946	BN	2340.6	2338.8	-1.8	-0.1
1947	D	2312.1	2308.6	-3.5	-0.2
1948	BN	2299.5	2300.3	0.8	0.0
1949	D	2319.8	2320.1	0.3	0.0
1950	BN	2303.8	2304.2	0.3	0.0
1951	AN	2355.2	2355.4	0.2	0.0
1952	W	2368.2	2368.2	0.0	0.0
1953	W	2359.1	2358.9	-0.2	0.0
1954	AN	2368.2	2368.2	0.0	0.0
1955	D	2327.2	2324.7	-2.5	-0.1
1956	W	2359.4	2359.6	0.2	0.0
1957	AN	2353.7	2353.6	-0.2	0.0
1958	W	2368.2	2368.2	0.0	0.0
1959	BN	2350.5	2350.8	0.3	0.0
1960	D	2314.1	2313.6	-0.4	0.0
1961	D	2321.8	2319.1	-2.7	-0.1
1962	BN	2316.7	2315.5	-1.1	0.0
1963	W	2353.8	2353.1	-0.7	0.0
1964	D	2334.2	2337.4	3.2	0.1
1965	W	2353.9	2354.4	0.6	0.0
1966	BN	2368.2	2368.2	0.0	0.0
1967	W	2356.3	2356.3	0.0	0.0
1968	BN	2353.1	2352.7	-0.4	0.0
1969	W	2357.4	2353.5	-3.9	-0.2
1970	W	2350.6	2350.7	0.1	0.0
1971	W	2360.0	2360.0	0.0	0.0
1972	BN	2357.8	2357.8	0.0	0.0
1973	AN	2359.1	2357.9	-1.2	-0.1
1974	W	2368.2	2368.2	0.0	0.0
1975	W	2357.3	2357.3	0.0	0.0
1976	C	2330.5	2328.8	-1.7	-0.1
1977	C	2252.5	2248.4	-4.1	-0.2
1978	AN	2318.9	2309.5	-9.5	-0.4
1979	BN	2316.7	2307.5	-9.3	-0.4
1980	AN	2355.4	2352.3	-3.1	-0.1
1981	D	2344.6	2340.8	-3.8	-0.2
1982	W	2368.2	2368.2	0.0	0.0
1983	W	2368.2	2368.2	0.0	0.0
1984	W	2356.3	2356.5	0.2	0.0
1985	D	2339.2	2338.7	-0.5	0.0
1986	W	2350.5	2349.8	-0.7	0.0
1987	D	2322.5	2319.5	-3.0	-0.1
1988	C	2285.4	2285.8	0.3	0.0
1989	D	2292.4	2291.6	-0.8	0.0
1990	C	2260.6	2257.7	-2.8	-0.1
1991	C	2229.6	2225.7	-3.9	-0.2
1992	C	2264.1	2261.6	-2.5	-0.1
1993	AN	2288.3	2286.8	-1.6	-0.1
	Mean:	2321.2	2319.0	-2.2	-0.1
	Median:	2334.8	2335.8	-1.0	0.0
	Min:	2212.6	2190.8	-24.5	-1.1
	Max:	2368.2	2368.2	3.2	0.1

Trinity Reservoir Water Surface Elevation

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2340.9	2339.5	-1.4	-0.1
1923	BN	2311.1	2308.5	-2.5	-0.1
1924	C	2224.1	2221.9	-2.2	-0.1
1925	D	2266.7	2264.2	-2.5	-0.1
1926	D	2266.3	2264.9	-1.4	-0.1
1927	W	2324.5	2325.1	0.7	0.0
1928	AN	2335.3	2335.5	0.2	0.0
1929	C	2285.5	2284.2	-1.4	-0.1
1930	D	2275.4	2271.0	-4.4	-0.2
1931	C	2238.0	2230.3	-7.7	-0.3
1932	D	2218.6	2195.6	-23.0	-1.0
1933	C	2210.9	2199.2	-11.6	-0.5
1934	C	2232.9	2224.5	-8.4	-0.4
1935	BN	2243.8	2227.4	-16.4	-0.7
1936	BN	2264.1	2259.3	-4.9	-0.2
1937	BN	2271.7	2268.1	-3.7	-0.2
1938	W	2360.9	2359.0	-1.9	-0.1
1939	D	2334.6	2334.6	0.0	0.0
1940	AN	2350.4	2348.6	-1.8	-0.1
1941	W	2368.2	2368.2	0.0	0.0
1942	W	2357.6	2357.6	0.0	0.0
1943	W	2354.2	2354.2	0.0	0.0
1944	D	2330.0	2328.5	-1.5	-0.1
1945	BN	2317.5	2315.7	-1.8	-0.1
1946	BN	2340.1	2338.4	-1.8	-0.1
1947	D	2304.3	2300.9	-3.5	-0.2
1948	BN	2299.1	2299.8	0.8	0.0
1949	D	2320.4	2320.7	0.3	0.0
1950	BN	2304.2	2304.5	0.3	0.0
1951	AN	2351.6	2351.8	0.2	0.0
1952	W	2367.7	2367.7	0.0	0.0
1953	W	2357.0	2356.7	-0.2	0.0
1954	AN	2359.5	2359.5	0.0	0.0
1955	D	2327.0	2324.5	-2.5	-0.1
1956	W	2365.3	2365.5	0.2	0.0
1957	AN	2354.6	2354.5	-0.2	0.0
1958	W	2368.2	2368.2	0.0	0.0
1959	BN	2345.1	2345.5	0.3	0.0
1960	D	2309.4	2309.0	-0.4	0.0
1961	D	2319.3	2316.6	-2.7	-0.1
1962	BN	2310.0	2308.9	-1.1	0.0
1963	W	2355.9	2355.2	-0.7	0.0
1964	D	2325.5	2328.7	3.2	0.1
1965	W	2349.3	2349.9	0.6	0.0
1966	BN	2361.7	2361.7	0.0	0.0
1967	W	2363.0	2363.0	0.0	0.0
1968	BN	2347.3	2347.0	-0.4	0.0
1969	W	2368.2	2368.1	-0.1	0.0
1970	W	2345.6	2345.7	0.1	0.0
1971	W	2362.9	2362.9	0.0	0.0
1972	BN	2354.5	2354.5	0.0	0.0
1973	AN	2362.8	2361.4	-1.3	-0.1
1974	W	2367.0	2367.0	0.0	0.0
1975	W	2363.6	2363.6	0.0	0.0
1976	C	2329.0	2327.3	-1.7	-0.1
1977	C	2246.8	2242.7	-4.1	-0.2
1978	AN	2320.4	2310.9	-9.4	-0.4
1979	BN	2323.3	2314.1	-9.3	-0.4
1980	AN	2350.7	2347.7	-3.1	-0.1
1981	D	2338.7	2335.0	-3.7	-0.2
1982	W	2361.7	2361.7	0.0	0.0
1983	W	2368.2	2368.2	0.0	0.0
1984	W	2354.3	2354.5	0.2	0.0
1985	D	2332.4	2331.9	-0.5	0.0
1986	W	2344.8	2343.7	-1.1	0.0
1987	D	2315.6	2312.2	-3.4	-0.1
1988	C	2280.6	2280.1	-0.5	0.0
1989	D	2283.3	2282.3	-1.0	0.0
1990	C	2256.7	2253.8	-2.8	-0.1
1991	C	2233.5	2229.7	-3.8	-0.2
1992	C	2263.4	2260.8	-2.6	-0.1
1993	AN	2303.7	2302.1	-1.6	-0.1
	Mean:	2319.7	2317.6	-2.2	-0.1
	Median:	2331.2	2330.3	-1.1	0.0
	Min:	2210.9	2195.6	-23.0	-1.0
	Max:	2368.2	2368.2	3.2	0.1

Trinity Reservoir Water Surface Elevation

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2341.7	2340.4	-1.4	-0.1
1923	BN	2298.5	2295.9	-2.6	-0.1
1924	C	2206.6	2204.2	-2.3	-0.1
1925	D	2261.4	2258.5	-2.9	-0.1
1926	D	2258.4	2258.5	0.0	0.0
1927	W	2326.9	2327.6	0.7	0.0
1928	AN	2324.2	2324.4	0.2	0.0
1929	C	2280.4	2278.8	-1.6	-0.1
1930	D	2269.2	2264.3	-4.8	-0.2
1931	C	2226.1	2216.8	-9.3	-0.4
1932	D	2216.7	2198.0	-18.7	-0.8
1933	C	2225.8	2213.0	-12.8	-0.6
1934	C	2217.2	2208.8	-8.4	-0.4
1935	BN	2244.3	2228.1	-16.2	-0.7
1936	BN	2259.1	2254.1	-5.0	-0.2
1937	BN	2281.5	2277.9	-3.7	-0.2
1938	W	2357.8	2355.9	-1.9	-0.1
1939	D	2323.1	2323.2	0.1	0.0
1940	AN	2340.6	2337.8	-2.8	-0.1
1941	W	2369.8	2369.8	0.0	0.0
1942	W	2361.5	2361.5	0.0	0.0
1943	W	2350.4	2350.4	0.0	0.0
1944	D	2325.9	2324.4	-1.5	-0.1
1945	BN	2309.7	2308.0	-1.8	-0.1
1946	BN	2332.1	2330.3	-1.8	-0.1
1947	D	2303.1	2299.7	-3.5	-0.2
1948	BN	2302.0	2302.8	0.8	0.0
1949	D	2313.3	2313.6	0.3	0.0
1950	BN	2302.7	2303.0	0.3	0.0
1951	AN	2341.7	2342.1	0.3	0.0
1952	W	2369.8	2369.8	0.0	0.0
1953	W	2362.0	2361.8	-0.2	0.0
1954	AN	2351.7	2351.7	0.0	0.0
1955	D	2323.3	2323.3	0.0	0.0
1956	W	2360.5	2360.7	0.2	0.0
1957	AN	2353.4	2348.6	-4.8	-0.2
1958	W	2368.8	2368.8	0.0	0.0
1959	BN	2336.8	2337.3	0.5	0.0
1960	D	2307.2	2306.8	-0.4	0.0
1961	D	2319.0	2316.3	-2.7	-0.1
1962	BN	2304.9	2303.8	-1.1	0.0
1963	W	2352.8	2352.1	-0.7	0.0
1964	D	2320.7	2323.9	3.2	0.1
1965	W	2345.8	2340.9	-4.9	-0.2
1966	BN	2358.1	2354.1	-4.0	-0.2
1967	W	2369.0	2369.0	0.0	0.0
1968	BN	2339.2	2338.6	-0.6	0.0
1969	W	2363.9	2363.8	-0.1	0.0
1970	W	2337.4	2337.5	0.2	0.0
1971	W	2363.7	2363.7	0.0	0.0
1972	BN	2347.8	2347.8	0.0	0.0
1973	AN	2359.9	2358.7	-1.2	-0.1
1974	W	2366.6	2366.6	0.0	0.0
1975	W	2369.8	2369.8	0.0	0.0
1976	C	2322.4	2320.7	-1.7	-0.1
1977	C	2229.8	2222.8	-7.0	-0.3
1978	AN	2316.6	2307.2	-9.4	-0.4
1979	BN	2320.6	2311.3	-9.2	-0.4
1980	AN	2342.9	2341.2	-1.7	-0.1
1981	D	2333.6	2329.9	-3.7	-0.2
1982	W	2354.5	2354.5	0.0	0.0
1983	W	2369.8	2369.8	0.0	0.0
1984	W	2347.4	2347.6	0.2	0.0
1985	D	2324.4	2321.2	-3.2	-0.1
1986	W	2335.2	2334.1	-1.1	0.0
1987	D	2299.1	2295.7	-3.4	-0.1
1988	C	2276.1	2273.9	-2.2	-0.1
1989	D	2271.5	2270.5	-1.0	0.0
1990	C	2258.0	2253.1	-4.9	-0.2
1991	C	2230.9	2226.3	-4.6	-0.2
1992	C	2249.5	2243.6	-5.8	-0.3
1993	AN	2311.7	2310.1	-1.6	-0.1
	Mean:	2315.5	2313.1	-2.5	-0.1
	Median:	2324.3	2324.1	-1.3	-0.1
	Min:	2206.6	2198.0	-18.7	-0.8
	Max:	2369.8	2369.8	3.2	0.1

Trinity Reservoir Water Surface Elevation

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2332.2	2330.9	-1.3	-0.1
1923	BN	2281.2	2279.0	-2.2	-0.1
1924	C	2188.8	2185.5	-3.3	-0.2
1925	D	2248.0	2245.2	-2.9	-0.1
1926	D	2241.0	2242.5	1.6	0.1
1927	W	2316.7	2317.3	0.6	0.0
1928	AN	2311.2	2311.4	0.2	0.0
1929	C	2263.0	2261.2	-1.9	-0.1
1930	D	2257.3	2251.6	-5.7	-0.3
1931	C	2205.5	2194.2	-11.4	-0.5
1932	D	2201.3	2188.1	-13.3	-0.6
1933	C	2212.8	2202.0	-10.8	-0.5
1934	C	2200.0	2189.0	-11.0	-0.5
1935	BN	2230.2	2212.8	-17.4	-0.8
1936	BN	2247.1	2242.1	-5.0	-0.2
1937	BN	2271.2	2267.5	-3.6	-0.2
1938	W	2356.4	2354.4	-1.9	-0.1
1939	D	2303.5	2303.7	0.1	0.0
1940	AN	2325.3	2322.5	-2.8	-0.1
1941	W	2359.4	2359.4	0.0	0.0
1942	W	2359.4	2359.4	0.0	0.0
1943	W	2341.4	2341.4	0.0	0.0
1944	D	2311.9	2310.1	-1.8	-0.1
1945	BN	2297.6	2295.9	-1.8	-0.1
1946	BN	2321.0	2316.6	-4.4	-0.2
1947	D	2288.0	2286.5	-1.4	-0.1
1948	BN	2291.4	2292.2	0.8	0.0
1949	D	2301.1	2301.4	0.3	0.0
1950	BN	2292.4	2292.7	0.3	0.0
1951	AN	2329.2	2329.5	0.3	0.0
1952	W	2359.4	2359.4	0.0	0.0
1953	W	2359.4	2359.4	0.0	0.0
1954	AN	2344.1	2344.1	0.0	0.0
1955	D	2307.6	2308.8	1.2	0.1
1956	W	2354.3	2354.5	0.2	0.0
1957	AN	2345.7	2338.6	-7.2	-0.3
1958	W	2359.4	2359.4	0.0	0.0
1959	BN	2317.1	2317.6	0.5	0.0
1960	D	2292.7	2292.0	-0.6	0.0
1961	D	2307.2	2302.0	-5.2	-0.2
1962	BN	2293.0	2291.9	-1.1	0.0
1963	W	2345.1	2344.1	-1.0	0.0
1964	D	2302.9	2306.6	3.7	0.2
1965	W	2334.9	2329.6	-5.3	-0.2
1966	BN	2350.9	2346.9	-4.0	-0.2
1967	W	2359.4	2359.4	0.0	0.0
1968	BN	2324.0	2322.8	-1.2	-0.1
1969	W	2357.0	2356.9	-0.1	0.0
1970	W	2320.0	2320.2	0.2	0.0
1971	W	2359.4	2359.4	0.0	0.0
1972	BN	2337.0	2330.4	-6.5	-0.3
1973	AN	2352.6	2351.4	-1.2	-0.1
1974	W	2359.4	2359.4	0.0	0.0
1975	W	2359.4	2359.4	0.0	0.0
1976	C	2304.0	2302.3	-1.7	-0.1
1977	C	2203.9	2197.3	-6.6	-0.3
1978	AN	2309.5	2300.2	-9.3	-0.4
1979	BN	2308.9	2299.7	-9.1	-0.4
1980	AN	2332.6	2330.8	-1.7	-0.1
1981	D	2315.7	2317.1	1.4	0.1
1982	W	2348.3	2348.3	0.0	0.0
1983	W	2359.4	2359.4	0.0	0.0
1984	W	2337.6	2337.9	0.3	0.0
1985	D	2305.1	2301.9	-3.2	-0.1
1986	W	2317.9	2316.2	-1.7	-0.1
1987	D	2279.5	2275.5	-4.0	-0.2
1988	C	2259.3	2257.3	-2.0	-0.1
1989	D	2258.7	2255.8	-2.9	-0.1
1990	C	2245.6	2240.7	-4.9	-0.2
1991	C	2215.5	2210.9	-4.6	-0.2
1992	C	2224.2	2217.6	-6.6	-0.3
1993	AN	2309.8	2308.3	-1.5	-0.1
	Mean:	2303.1	2300.5	-2.6	-0.1
	Median:	2310.5	2309.5	-1.5	-0.1
	Min:	2188.8	2185.5	-17.4	-0.8
	Max:	2359.4	2359.4	3.7	0.2

Trinity Reservoir Water Surface Elevation

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2319.1	2317.8	-1.3	-0.1
1923	BN	2264.6	2262.4	-2.3	-0.1
1924	C	2169.3	2153.7	-15.7	-0.7
1925	D	2232.0	2228.7	-3.3	-0.1
1926	D	2222.6	2223.7	1.1	0.0
1927	W	2307.1	2307.7	0.6	0.0
1928	AN	2292.8	2293.6	0.8	0.0
1929	C	2249.2	2246.0	-3.2	-0.1
1930	D	2244.2	2238.4	-5.9	-0.3
1931	C	2189.5	2173.8	-15.7	-0.7
1932	D	2182.5	2165.7	-16.7	-0.8
1933	C	2201.4	2187.6	-13.8	-0.6
1934	C	2183.0	2161.2	-21.7	-1.0
1935	BN	2213.3	2206.9	-6.4	-0.3
1936	BN	2234.7	2228.5	-6.2	-0.3
1937	BN	2261.0	2256.8	-4.1	-0.2
1938	W	2350.2	2348.3	-1.9	-0.1
1939	D	2283.7	2283.9	0.2	0.0
1940	AN	2312.5	2309.8	-2.8	-0.1
1941	W	2353.0	2353.0	0.0	0.0
1942	W	2353.0	2353.0	0.0	0.0
1943	W	2331.3	2331.3	0.0	0.0
1944	D	2296.7	2294.9	-1.8	-0.1
1945	BN	2286.4	2284.6	-1.8	-0.1
1946	BN	2308.6	2302.5	-6.0	-0.3
1947	D	2271.9	2270.7	-1.2	-0.1
1948	BN	2281.7	2282.6	0.9	0.0
1949	D	2290.0	2290.3	0.3	0.0
1950	BN	2280.5	2280.9	0.4	0.0
1951	AN	2316.6	2316.9	0.3	0.0
1952	W	2353.0	2353.0	0.0	0.0
1953	W	2353.0	2353.0	0.0	0.0
1954	AN	2328.2	2328.2	0.0	0.0
1955	D	2292.8	2293.9	1.2	0.1
1956	W	2350.6	2348.4	-2.1	-0.1
1957	AN	2329.6	2328.6	-1.0	0.0
1958	W	2353.0	2353.0	0.0	0.0
1959	BN	2301.3	2301.5	0.2	0.0
1960	D	2281.1	2277.3	-3.8	-0.2
1961	D	2295.0	2291.1	-3.9	-0.2
1962	BN	2282.3	2281.0	-1.3	-0.1
1963	W	2334.7	2333.6	-1.1	0.0
1964	D	2289.8	2292.3	2.5	0.1
1965	W	2323.4	2320.7	-2.7	-0.1
1966	BN	2338.6	2332.2	-6.3	-0.3
1967	W	2353.0	2353.0	0.0	0.0
1968	BN	2311.6	2307.8	-3.7	-0.2
1969	W	2350.8	2350.7	-0.1	0.0
1970	W	2307.1	2307.2	0.2	0.0
1971	W	2353.0	2353.0	0.0	0.0
1972	BN	2324.5	2318.0	-6.5	-0.3
1973	AN	2340.1	2338.2	-1.9	-0.1
1974	W	2353.0	2353.0	0.0	0.0
1975	W	2353.0	2353.0	0.0	0.0
1976	C	2291.0	2289.3	-1.7	-0.1
1977	C	2184.9	2182.7	-2.2	-0.1
1978	AN	2300.2	2291.0	-9.3	-0.4
1979	BN	2295.9	2288.1	-7.8	-0.3
1980	AN	2319.8	2318.0	-1.7	-0.1
1981	D	2302.4	2301.2	-1.2	-0.1
1982	W	2340.6	2340.6	0.0	0.0
1983	W	2353.0	2353.0	0.0	0.0
1984	W	2325.3	2325.6	0.4	0.0
1985	D	2287.4	2282.9	-4.5	-0.2
1986	W	2302.9	2299.8	-3.0	-0.1
1987	D	2258.9	2252.3	-6.6	-0.3
1988	C	2241.8	2239.5	-2.3	-0.1
1989	D	2246.8	2244.0	-2.9	-0.1
1990	C	2229.7	2223.6	-6.1	-0.3
1991	C	2206.8	2202.5	-4.3	-0.2
1992	C	2202.3	2196.5	-5.7	-0.3
1993	AN	2300.5	2299.0	-1.5	-0.1
	Mean:	2290.6	2287.6	-3.0	-0.1
	Median:	2298.5	2294.4	-1.8	-0.1
	Min:	2169.3	2153.7	-21.7	-1.0
	Max:	2353.0	2353.0	2.5	0.1

Trinity Reservoir Water Surface Elevation

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Elevation (feet)	Future No Action Elevation (feet)	Absolute Difference	Relative Difference (%)[1]
1922	AN	2306.5	2305.2	-1.3	-0.1
1923	BN	2255.4	2252.9	-2.5	-0.1
1924	C	2144.1	2102.6	-41.5	-1.9
1925	D	2221.8	2218.5	-3.3	-0.1
1926	D	2210.5	2211.6	1.1	0.0
1927	W	2295.2	2295.8	0.6	0.0
1928	AN	2283.0	2283.4	0.4	0.0
1929	C	2239.3	2235.4	-3.9	-0.2
1930	D	2233.6	2226.4	-7.1	-0.3
1931	C	2181.1	2148.7	-32.3	-1.5
1932	D	2171.9	2155.0	-16.9	-0.8
1933	C	2194.5	2180.0	-14.5	-0.7
1934	C	2167.3	2110.9	-56.4	-2.6
1935	BN	2207.7	2201.4	-6.3	-0.3
1936	BN	2223.0	2216.9	-6.2	-0.3
1937	BN	2251.5	2247.4	-4.1	-0.2
1938	W	2342.9	2342.9	0.0	0.0
1939	D	2268.0	2264.7	-3.3	-0.1
1940	AN	2300.7	2298.0	-2.7	-0.1
1941	W	2342.9	2342.9	0.0	0.0
1942	W	2342.9	2342.9	0.0	0.0
1943	W	2318.9	2318.9	0.0	0.0
1944	D	2287.0	2285.2	-1.8	-0.1
1945	BN	2275.4	2273.3	-2.1	-0.1
1946	BN	2296.5	2293.0	-3.5	-0.2
1947	D	2257.2	2258.3	1.1	0.0
1948	BN	2279.3	2280.3	0.9	0.0
1949	D	2279.8	2280.2	0.4	0.0
1950	BN	2269.3	2269.6	0.4	0.0
1951	AN	2304.4	2304.7	0.3	0.0
1952	W	2342.9	2342.9	0.0	0.0
1953	W	2342.9	2342.9	0.0	0.0
1954	AN	2316.6	2316.6	0.0	0.0
1955	D	2283.4	2284.7	1.3	0.1
1956	W	2342.9	2342.9	0.0	0.0
1957	AN	2317.9	2316.8	-1.0	0.0
1958	W	2342.9	2342.9	0.0	0.0
1959	BN	2285.8	2285.7	-0.1	0.0
1960	D	2269.7	2265.9	-3.8	-0.2
1961	D	2285.4	2281.1	-4.4	-0.2
1962	BN	2271.1	2269.8	-1.3	-0.1
1963	W	2327.8	2323.7	-4.2	-0.2
1964	D	2280.2	2282.6	2.4	0.1
1965	W	2311.8	2309.1	-2.7	-0.1
1966	BN	2327.1	2320.7	-6.3	-0.3
1967	W	2342.9	2342.9	0.0	0.0
1968	BN	2299.7	2293.5	-6.2	-0.3
1969	W	2342.9	2342.9	0.0	0.0
1970	W	2292.1	2292.3	0.2	0.0
1971	W	2342.9	2342.9	0.0	0.0
1972	BN	2312.0	2305.5	-6.4	-0.3
1973	AN	2328.1	2326.2	-1.9	-0.1
1974	W	2342.9	2342.9	0.0	0.0
1975	W	2342.9	2342.9	0.0	0.0
1976	C	2281.1	2279.1	-2.0	-0.1
1977	C	2179.6	2177.5	-2.1	-0.1
1978	AN	2293.2	2283.9	-9.2	-0.4
1979	BN	2286.5	2277.7	-8.8	-0.4
1980	AN	2307.6	2305.9	-1.7	-0.1
1981	D	2292.2	2290.9	-1.2	-0.1
1982	W	2338.3	2338.3	0.0	0.0
1983	W	2342.9	2342.9	0.0	0.0
1984	W	2313.2	2313.6	0.4	0.0
1985	D	2274.4	2268.3	-6.1	-0.3
1986	W	2293.7	2290.7	-3.0	-0.1
1987	D	2243.4	2239.5	-3.8	-0.2
1988	C	2228.6	2226.8	-1.9	-0.1
1989	D	2237.7	2234.1	-3.6	-0.2
1990	C	2217.4	2211.3	-6.1	-0.3
1991	C	2201.2	2196.1	-5.1	-0.2
1992	C	2190.3	2187.3	-3.1	-0.1
1993	AN	2298.3	2296.7	-1.5	-0.1
	Mean:	2280.1	2275.9	-4.1	-0.2
	Median:	2286.8	2285.0	-1.9	-0.1
	Min:	2144.1	2102.6	-56.4	-2.6
	Max:	2342.9	2342.9	2.4	0.1

Sacramento River Below Keswick Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6058.4	6182.0	123.6	2.0
1923	BN	4500.0	4500.0	0.0	0.0
1924	C	4872.8	4918.4	45.5	0.9
1925	D	3250.0	3250.0	0.0	0.0
1926	D	4907.9	4958.3	50.4	1.0
1927	W	3792.3	4531.8	739.5	19.5
1928	AN	4529.6	4500.0	-29.6	-0.7
1929	C	5401.8	5394.5	-7.3	-0.1
1930	D	4968.4	4981.0	12.6	0.3
1931	C	4049.9	4042.6	-7.3	-0.2
1932	D	3634.4	3578.9	-55.5	-1.5
1933	C	3895.2	3888.9	-6.3	-0.2
1934	C	4485.7	3630.3	-855.4	-19.1
1935	BN	3651.7	3102.8	-548.9	-15.0
1936	BN	3947.3	3368.6	-578.7	-14.7
1937	BN	4705.2	4728.7	23.5	0.5
1938	W	4080.0	4023.5	-56.4	-1.4
1939	D	8690.7	8690.7	0.0	0.0
1940	AN	4610.1	4536.2	-73.8	-1.6
1941	W	4573.3	4504.5	-68.8	-1.5
1942	W	8330.8	8330.8	0.0	0.0
1943	W	8223.2	8223.2	0.0	0.0
1944	D	4782.2	4839.5	57.3	1.2
1945	BN	4464.7	4410.2	-54.4	-1.2
1946	BN	4500.0	4500.0	0.0	0.0
1947	D	5456.0	5442.4	-13.7	-0.3
1948	BN	3623.4	3699.8	76.3	2.1
1949	D	6514.8	6597.2	82.4	1.3
1950	BN	5456.4	5481.2	24.9	0.5
1951	AN	4500.0	4500.0	0.0	0.0
1952	W	4500.0	4500.0	0.0	0.0
1953	W	8009.9	8009.9	0.0	0.0
1954	AN	8314.4	8314.4	0.0	0.0
1955	D	5758.5	5696.4	-62.1	-1.1
1956	W	4500.0	4414.9	-85.1	-1.9
1957	AN	8972.6	8972.6	0.0	0.0
1958	W	7291.0	7560.6	269.6	3.7
1959	BN	8679.9	8679.9	0.0	0.0
1960	D	5837.9	6528.0	690.2	11.8
1961	D	5431.1	5181.6	-249.5	-4.6
1962	BN	7559.9	6061.3	-1498.7	-19.8
1963	W	5888.2	4889.5	-998.7	-17.0
1964	D	6552.6	6415.0	-137.7	-2.1
1965	W	4284.2	4242.8	-41.4	-1.0
1966	BN	5038.5	5490.4	452.0	9.0
1967	W	6992.5	6768.5	-224.0	-3.2
1968	BN	8766.3	8766.3	0.0	0.0
1969	W	5305.2	5335.0	29.8	0.6
1970	W	8726.6	8726.6	0.0	0.0
1971	W	4576.7	4736.7	159.9	3.5
1972	BN	8858.2	8858.2	0.0	0.0
1973	AN	4500.0	4500.0	0.0	0.0
1974	W	4592.4	4500.0	-92.4	-2.0
1975	W	8623.9	8623.9	0.0	0.0
1976	C	9869.4	9869.4	0.0	0.0
1977	C	4500.0	6120.8	1620.8	36.0
1978	AN	6021.4	6877.7	856.3	14.2
1979	BN	6780.1	6017.4	-762.6	-11.2
1980	AN	4500.0	4500.0	0.0	0.0
1981	D	4500.0	4500.0	0.0	0.0
1982	W	5109.1	4263.6	-845.5	-16.5
1983	W	8705.7	8705.7	0.0	0.0
1984	W	9319.3	9319.3	0.0	0.0
1985	D	4500.0	4500.0	0.0	0.0
1986	W	5522.1	4677.9	-844.2	-15.3
1987	D	4500.0	4500.0	0.0	0.0
1988	C	4809.0	4357.7	-451.3	-9.4
1989	D	5313.4	5034.3	-279.0	-5.3
1990	C	4117.1	3775.3	-341.8	-8.3
1991	C	4108.7	4610.1	501.4	12.2
1992	C	3491.1	4835.7	1344.6	38.5
1993	AN	5243.4	4710.0	-533.5	-10.2
	Mean:	5651.8	5615.0	-36.7	-0.4
	Median:	4938.2	4864.5	0.0	0.0
	Min:	3250.0	3102.8	-1498.7	-19.8
	Max:	9869.4	9869.4	1620.8	38.5

Sacramento River Below Keswick Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4500.0	4733.9	233.9	5.2
1923	BN	4500.0	4500.0	0.0	0.0
1924	C	4722.4	4755.2	32.8	0.7
1925	D	3250.0	3250.0	0.0	0.0
1926	D	4248.6	4181.7	-66.9	-1.6
1927	W	3250.0	3250.0	0.0	0.0
1928	AN	5916.9	4652.7	-1264.2	-21.4
1929	C	4500.0	4494.0	-6.0	-0.1
1930	D	3746.9	4121.0	374.0	10.0
1931	C	3483.7	3710.2	226.5	6.5
1932	D	3250.0	3250.0	0.0	0.0
1933	C	3250.0	3250.0	0.0	0.0
1934	C	3478.6	3250.0	-228.6	-6.6
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	4037.0	3571.8	-465.2	-11.5
1937	BN	4261.5	4260.6	-1.0	0.0
1938	W	3962.6	3915.0	-47.6	-1.2
1939	D	4707.2	5548.3	841.1	17.9
1940	AN	4553.2	4524.4	-28.8	-0.6
1941	W	4500.0	4500.0	0.0	0.0
1942	W	4780.2	5347.9	567.7	11.9
1943	W	5494.3	5494.3	0.0	0.0
1944	D	4500.0	4500.0	0.0	0.0
1945	BN	4188.5	4098.8	-89.7	-2.1
1946	BN	4500.0	4500.0	0.0	0.0
1947	D	4500.0	4560.8	60.8	1.4
1948	BN	3839.8	3904.2	64.5	1.7
1949	D	4500.0	4667.9	167.9	3.7
1950	BN	4500.0	4500.0	0.0	0.0
1951	AN	5979.0	5056.1	-922.8	-15.4
1952	W	4500.0	4500.0	0.0	0.0
1953	W	4500.0	4752.6	252.6	5.6
1954	AN	8079.1	8079.1	0.0	0.0
1955	D	4500.0	5244.7	744.7	16.5
1956	W	4428.7	4356.4	-72.3	-1.6
1957	AN	5206.6	5432.3	225.7	4.3
1958	W	6735.0	6836.5	101.5	1.5
1959	BN	4500.0	5368.1	868.1	19.3
1960	D	5750.3	6316.7	566.3	9.8
1961	D	4257.9	4411.5	153.6	3.6
1962	BN	7150.0	6919.3	-230.7	-3.2
1963	W	5204.0	5204.7	0.8	0.0
1964	D	9437.9	8614.9	-823.0	-8.7
1965	W	3974.8	3837.9	-136.8	-3.4
1966	BN	8785.9	8194.7	-591.2	-6.7
1967	W	4500.0	4501.5	1.5	0.0
1968	BN	4500.0	4711.7	211.7	4.7
1969	W	4682.4	4809.1	126.7	2.7
1970	W	4500.0	4599.7	99.7	2.2
1971	W	4500.0	4500.0	0.0	0.0
1972	BN	5984.8	5974.7	-10.0	-0.2
1973	AN	4500.0	4500.0	0.0	0.0
1974	W	28758.2	27445.2	-1313.1	-4.6
1975	W	5003.5	5369.7	366.2	7.3
1976	C	5636.0	5650.9	14.9	0.3
1977	C	4500.0	4500.0	0.0	0.0
1978	AN	3937.7	3544.9	-392.8	-10.0
1979	BN	4500.0	4933.4	433.4	9.6
1980	AN	4500.0	4500.0	0.0	0.0
1981	D	5988.9	5036.8	-952.1	-15.9
1982	W	7128.6	6348.3	-780.3	-10.9
1983	W	6832.1	6832.1	0.0	0.0
1984	W	13793.1	13793.1	0.0	0.0
1985	D	10298.9	9791.3	-507.6	-4.9
1986	W	4074.4	3902.0	-172.3	-4.2
1987	D	4695.2	4702.4	7.2	0.2
1988	C	4402.3	3819.1	-583.2	-13.2
1989	D	3250.0	3250.0	0.0	0.0
1990	C	4350.1	4061.6	-288.6	-6.6
1991	C	3459.8	3419.1	-40.7	-1.2
1992	C	3642.0	4149.3	507.3	13.9
1993	AN	3822.6	4367.0	544.3	14.2
	Mean:	5290.3	5259.5	-30.8	0.3
	Median:	4500.0	4500.7	0.0	0.0
	Min:	3250.0	3250.0	-1313.1	-21.4
	Max:	28758.2	27445.2	868.1	19.3

Sacramento River Below Keswick Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4050.0	4260.5	210.5	5.2
1923	BN	4050.0	4050.0	0.0	0.0
1924	C	3984.1	4004.1	20.0	0.5
1925	D	3250.0	3250.0	0.0	0.0
1926	D	3250.0	3250.0	0.0	0.0
1927	W	3250.0	3250.0	0.0	0.0
1928	AN	4500.0	4111.8	-388.2	-8.6
1929	C	4050.0	4044.6	-5.4	-0.1
1930	D	3250.0	3250.0	0.0	0.0
1931	C	3250.0	3339.2	89.2	2.7
1932	D	3250.0	3250.0	0.0	0.0
1933	C	3250.0	3250.0	0.0	0.0
1934	C	3250.0	3250.0	0.0	0.0
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	3250.0	3250.0	0.0	0.0
1937	BN	3835.4	3467.7	-367.7	-9.6
1938	W	11757.0	11566.0	-191.1	-1.6
1939	D	4500.0	4500.0	0.0	0.0
1940	AN	3464.5	3451.8	-12.7	-0.4
1941	W	10026.1	8695.9	-1330.2	-13.3
1942	W	16562.0	16013.2	-548.8	-3.3
1943	W	6409.0	6409.0	0.0	0.0
1944	D	4500.0	4500.0	0.0	0.0
1945	BN	3769.7	3689.0	-80.7	-2.1
1946	BN	21082.6	19456.1	-1626.5	-7.7
1947	D	4050.0	4202.6	152.6	3.8
1948	BN	3455.8	3513.8	58.0	1.7
1949	D	4500.0	4500.0	0.0	0.0
1950	BN	4050.0	4138.9	88.9	2.2
1951	AN	14958.5	14958.5	0.0	0.0
1952	W	12426.0	12454.7	28.7	0.2
1953	W	9397.4	9153.1	-244.3	-2.6
1954	AN	4937.7	4937.7	0.0	0.0
1955	D	6460.3	6518.2	57.9	0.9
1956	W	22063.6	21663.5	-400.1	-1.8
1957	AN	4500.0	4500.0	0.0	0.0
1958	W	10612.7	10316.0	-296.7	-2.8
1959	BN	4500.0	4500.0	0.0	0.0
1960	D	4070.6	4056.6	-14.0	-0.3
1961	D	3832.1	3970.3	138.3	3.6
1962	BN	4203.1	4175.0	-28.1	-0.7
1963	W	8768.6	8767.8	-0.7	0.0
1964	D	4500.0	4500.0	0.0	0.0
1965	W	14997.5	14718.3	-279.3	-1.9
1966	BN	4500.0	4500.0	0.0	0.0
1967	W	12407.2	12365.8	-41.4	-0.3
1968	BN	4500.0	4500.0	0.0	0.0
1969	W	4050.0	4500.0	450.0	11.1
1970	W	15000.0	15000.0	0.0	0.0
1971	W	13937.1	13361.3	-575.8	-4.1
1972	BN	4500.0	4500.0	0.0	0.0
1973	AN	6620.6	5942.0	-678.6	-10.2
1974	W	20314.9	20314.9	0.0	0.0
1975	W	4500.0	4500.0	0.0	0.0
1976	C	4500.0	4500.0	0.0	0.0
1977	C	4050.0	4050.0	0.0	0.0
1978	AN	3250.0	3250.0	0.0	0.0
1979	BN	4500.0	4438.8	-61.2	-1.4
1980	AN	4050.0	4050.0	0.0	0.0
1981	D	4500.0	4500.0	0.0	0.0
1982	W	22223.3	22223.3	0.0	0.0
1983	W	12847.4	12847.4	0.0	0.0
1984	W	24634.8	24634.8	0.0	0.0
1985	D	5617.4	5617.4	0.0	0.0
1986	W	3673.3	3511.8	-161.5	-4.4
1987	D	4500.0	4500.0	0.0	0.0
1988	C	3481.2	3437.0	-44.3	-1.3
1989	D	3250.0	3250.0	0.0	0.0
1990	C	4228.9	4047.3	-181.6	-4.3
1991	C	3740.2	3250.0	-490.2	-13.1
1992	C	3250.0	3250.0	0.0	0.0
1993	AN	3250.0	3250.0	0.0	0.0
	Mean:	6877.8	6784.0	-93.8	-0.9
	Median:	4500.0	4500.0	0.0	0.0
	Min:	3250.0	3250.0	-1626.5	-13.3
	Max:	24634.8	24634.8	450.0	11.1

Sacramento River Below Keswick Dam

January

Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3250.0	3408.4	158.4	4.9
1923	BN	3250.0	3250.0	0.0	0.0
1924	C	3250.0	3250.0	0.0	0.0
1925	D	3250.0	3250.0	0.0	0.0
1926	D	3250.0	3250.0	0.0	0.0
1927	W	4203.5	4200.4	-3.1	-0.1
1928	AN	4500.0	3289.5	-1210.5	-26.9
1929	C	3250.0	3250.0	0.0	0.0
1930	D	3250.0	3250.0	0.0	0.0
1931	C	3250.0	3250.0	0.0	0.0
1932	D	3250.0	3250.0	0.0	0.0
1933	C	3250.0	3250.0	0.0	0.0
1934	C	3250.0	3250.0	0.0	0.0
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	3250.0	3250.0	0.0	0.0
1937	BN	3250.0	3250.0	0.0	0.0
1938	W	4500.0	4500.0	0.0	0.0
1939	D	3600.0	3600.0	0.0	0.0
1940	AN	3250.0	3250.0	0.0	0.0
1941	W	24463.6	24463.6	0.0	0.0
1942	W	17911.8	17911.8	0.0	0.0
1943	W	12039.4	12039.4	0.0	0.0
1944	D	3600.0	3600.0	0.0	0.0
1945	BN	3250.0	3250.0	0.0	0.0
1946	BN	7259.4	7259.4	0.0	0.0
1947	D	3602.1	3596.5	-5.6	-0.2
1948	BN	3250.0	3250.0	0.0	0.0
1949	D	3600.0	3600.0	0.0	0.0
1950	BN	3805.3	3706.5	-98.8	-2.6
1951	AN	7454.2	7454.2	0.0	0.0
1952	W	7927.1	7927.1	0.0	0.0
1953	W	28397.7	28397.7	0.0	0.0
1954	AN	13860.6	13860.6	0.0	0.0
1955	D	4500.0	4500.0	0.0	0.0
1956	W	30353.2	30353.2	0.0	0.0
1957	AN	3729.9	3600.0	-129.9	-3.5
1958	W	13861.8	13861.8	0.0	0.0
1959	BN	11664.7	10826.0	-838.7	-7.2
1960	D	3357.2	3263.0	-94.1	-2.8
1961	D	3250.0	3250.0	0.0	0.0
1962	BN	4390.6	4556.0	165.4	3.8
1963	W	4500.0	4500.0	0.0	0.0
1964	D	4500.0	4500.0	0.0	0.0
1965	W	20889.4	20889.4	0.0	0.0
1966	BN	5733.8	5736.0	2.2	0.0
1967	W	10025.5	10025.5	0.0	0.0
1968	BN	4500.0	4500.0	0.0	0.0
1969	W	19855.5	19146.9	-708.6	-3.6
1970	W	52774.0	52774.0	0.0	0.0
1971	W	14317.5	14317.5	0.0	0.0
1972	BN	4500.0	4500.0	0.0	0.0
1973	AN	14513.0	14513.0	0.0	0.0
1974	W	38497.7	38497.7	0.0	0.0
1975	W	4500.0	3600.0	-900.0	-20.0
1976	C	3600.0	3600.0	0.0	0.0
1977	C	3250.0	3250.0	0.0	0.0
1978	AN	3250.0	3299.6	49.6	1.5
1979	BN	4500.0	3551.0	-949.0	-21.1
1980	AN	14101.8	12918.7	-1183.2	-8.4
1981	D	3600.0	3600.0	0.0	0.0
1982	W	7725.6	7725.6	0.0	0.0
1983	W	19127.4	19127.4	0.0	0.0
1984	W	7552.8	7552.8	0.0	0.0
1985	D	4500.0	4493.9	-6.1	-0.1
1986	W	3538.4	3663.9	125.6	3.5
1987	D	3600.0	3600.0	0.0	0.0
1988	C	3250.0	3250.0	0.0	0.0
1989	D	3250.0	3250.0	0.0	0.0
1990	C	3595.5	3470.9	-124.5	-3.5
1991	C	3250.0	3250.0	0.0	0.0
1992	C	3250.0	3250.0	0.0	0.0
1993	AN	3250.0	3250.0	0.0	0.0
	Mean:	8033.1	7953.2	-79.9	-1.2
	Median:	3767.6	3600.0	0.0	0.0
	Min:	3250.0	3250.0	-1210.5	-26.9
	Max:	52774.0	52774.0	165.4	4.9

Sacramento River Below Keswick Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4500.0	4500.0	0.0	0.0
1923	BN	4500.0	4500.0	0.0	0.0
1924	C	3250.0	3250.0	0.0	0.0
1925	D	3250.0	3250.0	0.0	0.0
1926	D	3250.0	3250.0	0.0	0.0
1927	W	20621.0	20451.6	-169.4	-0.8
1928	AN	4500.0	4500.0	0.0	0.0
1929	C	3250.0	3250.0	0.0	0.0
1930	D	3643.5	3250.0	-393.5	-10.8
1931	C	3250.0	3250.0	0.0	0.0
1932	D	3250.0	3250.0	0.0	0.0
1933	C	3250.0	3250.0	0.0	0.0
1934	C	3250.0	3250.0	0.0	0.0
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	3250.0	3250.0	0.0	0.0
1937	BN	3250.0	3250.0	0.0	0.0
1938	W	29596.7	29596.7	0.0	0.0
1939	D	4500.0	3250.0	-1250.0	-27.8
1940	AN	27670.2	26738.5	-931.7	-3.4
1941	W	22703.5	22703.5	0.0	0.0
1942	W	27053.3	27053.3	0.0	0.0
1943	W	8086.2	8086.2	0.0	0.0
1944	D	4500.0	4500.0	0.0	0.0
1945	BN	4500.0	4500.0	0.0	0.0
1946	BN	6652.7	9144.5	2491.8	37.5
1947	D	4500.0	4246.8	-253.2	-5.6
1948	BN	7839.1	7377.9	-461.1	-5.9
1949	D	4500.0	4500.0	0.0	0.0
1950	BN	4170.8	4087.2	-83.6	-2.0
1951	AN	15456.8	15456.8	0.0	0.0
1952	W	18376.0	18376.0	0.0	0.0
1953	W	4500.0	4500.0	0.0	0.0
1954	AN	18088.7	18088.7	0.0	0.0
1955	D	4550.9	6422.1	1871.1	41.1
1956	W	21696.2	21696.2	0.0	0.0
1957	AN	9802.7	9723.0	-79.7	-0.8
1958	W	53770.1	53770.1	0.0	0.0
1959	BN	13735.5	13735.5	0.0	0.0
1960	D	3456.2	3282.5	-173.7	-5.0
1961	D	3534.3	4500.0	965.7	27.3
1962	BN	8406.3	8151.5	-254.8	-3.0
1963	W	8096.9	8096.9	0.0	0.0
1964	D	5223.5	4500.0	-723.5	-13.9
1965	W	3250.0	3250.0	0.0	0.0
1966	BN	5905.6	5905.6	0.0	0.0
1967	W	7970.1	7970.1	0.0	0.0
1968	BN	17135.6	16968.7	-166.9	-1.0
1969	W	21307.7	21307.7	0.0	0.0
1970	W	13185.8	13141.7	-44.1	-0.3
1971	W	8372.9	7620.6	-752.3	-9.0
1972	BN	4500.0	4500.0	0.0	0.0
1973	AN	18779.5	18779.5	0.0	0.0
1974	W	5478.7	5478.7	0.0	0.0
1975	W	7824.1	8317.5	493.3	6.3
1976	C	5163.9	4500.0	-663.9	-12.9
1977	C	4793.7	4215.0	-578.7	-12.1
1978	AN	10062.8	8637.7	-1425.1	-14.2
1979	BN	4500.0	4500.0	0.0	0.0
1980	AN	30103.8	30103.8	0.0	0.0
1981	D	4500.0	3250.0	-1250.0	-27.8
1982	W	23313.1	23313.1	0.0	0.0
1983	W	34947.4	34947.4	0.0	0.0
1984	W	4500.0	4500.0	0.0	0.0
1985	D	4500.0	4500.0	0.0	0.0
1986	W	41293.1	41922.9	629.7	1.5
1987	D	3250.0	3250.0	0.0	0.0
1988	C	8722.8	8480.7	-242.0	-2.8
1989	D	3250.0	3250.0	0.0	0.0
1990	C	6593.0	6382.2	-210.8	-3.2
1991	C	3627.1	3258.4	-368.6	-10.2
1992	C	3250.0	3250.0	0.0	0.0
1993	AN	3250.0	3250.0	0.0	0.0
	Mean:	10164.0	10108.1	-55.9	-0.8
	Median:	4672.3	4500.0	0.0	0.0
	Min:	3250.0	3250.0	-1425.1	-27.8
	Max:	53770.1	53770.1	2491.8	41.1

Sacramento River Below Keswick Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4500.0	4500.0	0.0	0.0
1923	BN	4500.0	4500.0	0.0	0.0
1924	C	5428.7	5055.7	-373.0	-6.9
1925	D	6467.5	5866.0	-601.6	-9.3
1926	D	3349.5	3250.0	-99.5	-3.0
1927	W	4500.0	4500.0	0.0	0.0
1928	AN	15229.1	16824.8	1595.8	10.5
1929	C	3250.0	3337.9	87.9	2.7
1930	D	4019.9	3250.0	-769.9	-19.2
1931	C	3250.0	3250.0	0.0	0.0
1932	D	3250.0	3250.0	0.0	0.0
1933	C	3250.0	3250.0	0.0	0.0
1934	C	3250.0	3250.0	0.0	0.0
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	4348.7	4393.7	45.0	1.0
1937	BN	3250.0	3250.0	0.0	0.0
1938	W	33789.6	33789.6	0.0	0.0
1939	D	3250.0	3250.0	0.0	0.0
1940	AN	20587.5	20587.5	0.0	0.0
1941	W	12932.7	12932.7	0.0	0.0
1942	W	4500.0	4500.0	0.0	0.0
1943	W	12365.6	12365.6	0.0	0.0
1944	D	4500.0	4500.0	0.0	0.0
1945	BN	4500.0	4500.0	0.0	0.0
1946	BN	3250.0	3250.0	0.0	0.0
1947	D	4500.0	4279.4	-220.6	-4.9
1948	BN	3250.0	3250.0	0.0	0.0
1949	D	7634.3	7472.3	-162.0	-2.1
1950	BN	4500.0	4490.9	-9.1	-0.2
1951	AN	4500.0	4500.0	0.0	0.0
1952	W	10783.3	10783.3	0.0	0.0
1953	W	4500.0	4500.0	0.0	0.0
1954	AN	10991.1	10991.1	0.0	0.0
1955	D	3513.5	3250.0	-263.5	-7.5
1956	W	4500.0	4500.0	0.0	0.0
1957	AN	9690.0	9673.8	-16.2	-0.2
1958	W	20633.8	20633.8	0.0	0.0
1959	BN	8779.2	8549.4	-229.8	-2.6
1960	D	4500.0	4500.0	0.0	0.0
1961	D	5924.0	5518.2	-405.8	-6.9
1962	BN	4500.0	4500.0	0.0	0.0
1963	W	9316.1	9957.9	641.8	6.9
1964	D	3250.0	4500.0	1250.0	38.5
1965	W	7944.2	7047.4	-896.8	-11.3
1966	BN	11755.6	11755.6	0.0	0.0
1967	W	15000.0	15000.0	0.0	0.0
1968	BN	4500.0	4500.0	0.0	0.0
1969	W	5685.8	5685.8	0.0	0.0
1970	W	4500.0	4500.0	0.0	0.0
1971	W	13909.1	14620.6	711.5	5.1
1972	BN	14472.9	14472.9	0.0	0.0
1973	AN	6977.2	6977.2	0.0	0.0
1974	W	35233.6	35233.6	0.0	0.0
1975	W	27499.7	27499.7	0.0	0.0
1976	C	3250.0	4500.0	1250.0	38.5
1977	C	4302.6	4469.5	166.9	3.9
1978	AN	14196.8	14246.8	50.0	0.4
1979	BN	3250.0	4500.0	1250.0	38.5
1980	AN	4500.0	4500.0	0.0	0.0
1981	D	4471.6	4482.4	10.9	0.2
1982	W	13535.8	13535.8	0.0	0.0
1983	W	45896.5	45896.5	0.0	0.0
1984	W	10042.1	10042.1	0.0	0.0
1985	D	3250.0	4500.0	1250.0	38.5
1986	W	19819.8	19819.8	0.0	0.0
1987	D	3250.0	3250.0	0.0	0.0
1988	C	5027.0	5529.3	502.3	10.0
1989	D	3250.0	3250.0	0.0	0.0
1990	C	3250.0	3250.0	0.0	0.0
1991	C	3250.0	3250.0	0.0	0.0
1992	C	3250.0	3250.0	0.0	0.0
1993	AN	3250.0	3250.0	0.0	0.0
	Mean:	8313.3	8379.4	66.2	1.7
	Median:	4500.0	4500.0	0.0	0.0
	Min:	3250.0	3250.0	-896.8	-19.2
	Max:	45896.5	45896.5	1595.8	38.5

Sacramento River Below Keswick Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4500.0	4500.0	0.0	0.0
1923	BN	4500.0	4386.6	-113.4	-2.5
1924	C	7626.1	7557.5	-68.6	-0.9
1925	D	3768.8	3731.7	-37.1	-1.0
1926	D	4112.1	4091.3	-20.8	-0.5
1927	W	8858.2	8858.2	0.0	0.0
1928	AN	4643.3	4643.3	0.0	0.0
1929	C	5421.8	6171.5	749.7	13.8
1930	D	4292.9	4243.1	-49.8	-1.2
1931	C	8161.7	8669.0	507.2	6.2
1932	D	4699.0	4516.7	-182.3	-3.9
1933	C	5421.6	6044.5	623.0	11.5
1934	C	5348.8	5113.6	-235.2	-4.4
1935	BN	3250.0	3250.0	0.0	0.0
1936	BN	4500.0	4500.0	0.0	0.0
1937	BN	4058.4	4060.6	2.3	0.1
1938	W	12270.9	12270.9	0.0	0.0
1939	D	9297.6	9051.6	-246.1	-2.6
1940	AN	4500.0	4500.0	0.0	0.0
1941	W	13240.4	13240.4	0.0	0.0
1942	W	4596.3	4596.3	0.0	0.0
1943	W	4969.4	4969.4	0.0	0.0
1944	D	6830.4	6575.0	-255.4	-3.7
1945	BN	4705.9	4688.9	-17.0	-0.4
1946	BN	6487.8	6195.6	-292.2	-4.5
1947	D	4500.0	4694.8	194.8	4.3
1948	BN	4204.9	4207.4	2.5	0.1
1949	D	4714.0	4714.0	0.0	0.0
1950	BN	4500.0	4500.0	0.0	0.0
1951	AN	6861.7	6812.1	-49.6	-0.7
1952	W	17283.4	17283.4	0.0	0.0
1953	W	4749.8	4749.8	0.0	0.0
1954	AN	12379.2	12379.2	0.0	0.0
1955	D	9244.4	8022.6	-1221.8	-13.2
1956	W	4634.8	4641.8	7.0	0.2
1957	AN	10604.1	10793.8	189.7	1.8
1958	W	11698.8	11698.8	0.0	0.0
1959	BN	8329.7	8207.9	-121.8	-1.5
1960	D	5327.2	5351.7	24.5	0.5
1961	D	7203.2	7689.5	486.3	6.8
1962	BN	5362.7	5293.6	-69.0	-1.3
1963	W	26585.1	25922.7	-662.5	-2.5
1964	D	12104.0	9256.7	-2847.3	-23.5
1965	W	6292.2	7036.2	744.0	11.8
1966	BN	7006.3	6470.2	-536.1	-7.7
1967	W	10011.2	10011.2	0.0	0.0
1968	BN	8021.8	8456.9	435.1	5.4
1969	W	11791.9	11791.9	0.0	0.0
1970	W	9148.9	9013.1	-135.8	-1.5
1971	W	5155.4	5436.8	281.4	5.5
1972	BN	8048.5	8222.3	173.8	2.2
1973	AN	4774.7	4790.1	15.5	0.3
1974	W	6921.5	6921.5	0.0	0.0
1975	W	4504.0	4504.0	0.0	0.0
1976	C	5180.2	4864.2	-316.0	-6.1
1977	C	10344.3	10674.5	330.2	3.2
1978	AN	6367.8	6367.8	0.0	0.0
1979	BN	4687.4	4631.4	-55.9	-1.2
1980	AN	4625.5	4625.5	0.0	0.0
1981	D	4837.3	4837.3	0.0	0.0
1982	W	24661.9	24661.9	0.0	0.0
1983	W	10136.4	10136.4	0.0	0.0
1984	W	8719.3	8125.9	-593.4	-6.8
1985	D	5189.8	5170.4	-19.5	-0.4
1986	W	4500.0	4500.0	0.0	0.0
1987	D	9176.3	10257.3	1081.0	11.8
1988	C	5224.6	4855.8	-368.9	-7.1
1989	D	4500.0	4500.0	0.0	0.0
1990	C	6544.3	6456.5	-87.8	-1.3
1991	C	3549.7	3394.6	-155.0	-4.4
1992	C	3862.6	3534.8	-327.8	-8.5
1993	AN	4529.6	4520.9	-8.7	-0.2
	Mean:	7203.6	7158.5	-45.1	-0.4
	Median:	5355.7	5394.2	0.0	0.0
	Min:	3250.0	3250.0	-2847.3	-23.5
	Max:	26585.1	25922.7	1081.0	13.8

Sacramento River Below Keswick Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7460.4	7423.0	-37.4	-0.5
1923	BN	10540.1	10649.1	109.0	1.0
1924	C	7845.9	7951.8	105.9	1.3
1925	D	6088.5	6063.0	-25.4	-0.4
1926	D	6575.4	6147.6	-427.7	-6.5
1927	W	8605.9	8605.9	0.0	0.0
1928	AN	9393.4	9574.3	181.0	1.9
1929	C	6951.2	7005.0	53.8	0.8
1930	D	6669.4	6535.3	-134.1	-2.0
1931	C	7493.1	7545.1	52.0	0.7
1932	D	4144.3	4127.8	-16.5	-0.4
1933	C	5589.7	5639.3	49.6	0.9
1934	C	6840.4	6820.4	-20.1	-0.3
1935	BN	5749.2	5693.6	-55.6	-1.0
1936	BN	6935.9	6889.8	-46.1	-0.7
1937	BN	6435.7	6444.3	8.6	0.1
1938	W	7884.6	7884.6	0.0	0.0
1939	D	9127.4	9105.0	-22.4	-0.2
1940	AN	7524.0	7500.8	-23.2	-0.3
1941	W	13223.1	13223.1	0.0	0.0
1942	W	10915.3	10915.3	0.0	0.0
1943	W	8000.0	8000.0	0.0	0.0
1944	D	7117.4	7099.3	-18.1	-0.3
1945	BN	7647.7	7615.1	-32.5	-0.4
1946	BN	8437.1	8371.4	-65.7	-0.8
1947	D	9924.2	9418.2	-506.0	-5.1
1948	BN	7352.3	7362.1	9.7	0.1
1949	D	7855.6	7855.6	0.0	0.0
1950	BN	7207.2	7239.4	32.2	0.4
1951	AN	7689.4	7693.4	3.9	0.1
1952	W	9020.6	9020.6	0.0	0.0
1953	W	9022.2	9084.9	62.7	0.7
1954	AN	10131.6	10865.3	733.7	7.2
1955	D	6954.2	6908.7	-45.5	-0.7
1956	W	10212.3	10375.2	162.9	1.6
1957	AN	7534.8	7523.5	-11.2	-0.1
1958	W	9118.0	9118.0	0.0	0.0
1959	BN	9053.5	9287.3	233.8	2.6
1960	D	7276.6	7195.6	-81.0	-1.1
1961	D	7918.5	9077.4	1159.0	14.6
1962	BN	8111.2	8395.2	284.0	3.5
1963	W	7516.0	7516.0	0.0	0.0
1964	D	8380.6	8320.0	-60.6	-0.7
1965	W	8266.8	8547.2	280.4	3.4
1966	BN	8400.6	8492.5	91.9	1.1
1967	W	14154.4	14154.4	0.0	0.0
1968	BN	7702.8	8046.5	343.7	4.5
1969	W	12492.4	11325.4	-1167.0	-9.3
1970	W	8084.2	8145.6	61.4	0.8
1971	W	9147.1	8875.3	-271.8	-3.0
1972	BN	8073.0	8214.9	141.9	1.8
1973	AN	7929.9	7953.2	23.3	0.3
1974	W	7718.7	7718.7	0.0	0.0
1975	W	9430.7	9430.7	0.0	0.0
1976	C	7220.8	7443.4	222.6	3.1
1977	C	6380.5	6398.5	17.9	0.3
1978	AN	9053.7	9053.7	0.0	0.0
1979	BN	7623.5	7498.9	-124.5	-1.6
1980	AN	7656.5	7630.5	-26.0	-0.3
1981	D	8833.1	8993.4	160.3	1.8
1982	W	7458.7	7458.7	0.0	0.0
1983	W	12723.5	12723.5	0.0	0.0
1984	W	8414.5	8600.0	185.5	2.2
1985	D	9981.7	10184.6	202.9	2.0
1986	W	8261.0	8311.1	50.2	0.6
1987	D	9709.1	9667.9	-41.2	-0.4
1988	C	6127.9	6531.8	403.9	6.6
1989	D	8734.2	9651.5	917.3	10.5
1990	C	5726.5	5710.8	-15.7	-0.3
1991	C	6638.1	6650.0	11.9	0.2
1992	C	9367.6	9820.2	452.6	4.8
1993	AN	8630.5	7886.2	-744.2	-8.6
	Mean:	8241.9	8280.6	38.8	0.5
	Median:	7924.2	7976.6	0.0	0.0
	Min:	4144.3	4127.8	-1167.0	-9.3
	Max:	14154.4	14154.4	1159.0	14.6

Sacramento River Below Keswick Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	10681.1	10899.8	218.8	2.0
1923	BN	11371.7	11407.9	36.2	0.3
1924	C	10435.0	10660.2	225.2	2.2
1925	D	8595.7	8640.1	44.4	0.5
1926	D	9965.5	9229.5	-736.0	-7.4
1927	W	10162.9	10516.1	353.2	3.5
1928	AN	11046.0	11056.1	10.1	0.1
1929	C	8655.9	9232.4	576.5	6.7
1930	D	10199.0	10262.5	63.5	0.6
1931	C	8589.1	9441.2	852.0	9.9
1932	D	6867.7	6954.7	87.0	1.3
1933	C	6949.8	7540.9	591.1	8.5
1934	C	10219.0	10261.9	42.9	0.4
1935	BN	9964.0	9564.0	-400.1	-4.0
1936	BN	8414.1	8399.5	-14.6	-0.2
1937	BN	8098.8	8149.3	50.5	0.6
1938	W	9000.0	9000.0	0.0	0.0
1939	D	12081.7	12349.2	267.5	2.2
1940	AN	10716.4	11121.4	405.0	3.8
1941	W	9000.0	9000.0	0.0	0.0
1942	W	9000.0	9000.0	0.0	0.0
1943	W	9817.5	10188.0	370.5	3.8
1944	D	9984.1	10019.4	35.2	0.4
1945	BN	9844.4	10183.9	339.5	3.4
1946	BN	11149.7	11166.5	16.7	0.1
1947	D	11323.0	10169.3	-1153.7	-10.2
1948	BN	8820.0	8828.9	8.9	0.1
1949	D	10933.8	11018.4	84.7	0.8
1950	BN	9067.8	9156.0	88.2	1.0
1951	AN	11073.8	11463.2	389.4	3.5
1952	W	9000.0	9000.0	0.0	0.0
1953	W	9578.5	9578.5	0.0	0.0
1954	AN	9485.5	9869.7	384.2	4.1
1955	D	10430.0	11250.1	820.1	7.9
1956	W	9000.0	9000.0	0.0	0.0
1957	AN	9520.0	9902.9	382.9	4.0
1958	W	9311.5	9311.5	0.0	0.0
1959	BN	13565.8	14171.8	605.9	4.5
1960	D	11020.2	11774.7	754.5	6.8
1961	D	11986.2	12731.2	745.1	6.2
1962	BN	10578.8	10909.2	330.4	3.1
1963	W	8895.9	9131.0	235.1	2.6
1964	D	9986.8	10157.1	170.3	1.7
1965	W	9498.4	9938.8	440.4	4.6
1966	BN	12077.9	11987.8	-90.2	-0.7
1967	W	9439.3	9439.3	0.0	0.0
1968	BN	10929.1	11292.1	363.0	3.3
1969	W	9090.7	9331.6	240.9	2.6
1970	W	10252.0	10264.7	12.8	0.1
1971	W	9044.7	9198.0	153.3	1.7
1972	BN	13873.9	14512.6	638.7	4.6
1973	AN	10798.3	11177.7	379.4	3.5
1974	W	8974.0	9291.0	317.0	3.5
1975	W	9716.7	10139.7	423.0	4.4
1976	C	13810.6	13508.9	-301.6	-2.2
1977	C	13734.7	14621.5	886.8	6.5
1978	AN	10328.7	10807.2	478.5	4.6
1979	BN	12625.0	12476.8	-148.1	-1.2
1980	AN	10717.0	11024.0	307.0	2.9
1981	D	13392.9	12886.1	-506.8	-3.8
1982	W	8739.1	8739.1	0.0	0.0
1983	W	14927.2	14927.2	0.0	0.0
1984	W	10871.2	11115.3	244.1	2.2
1985	D	12300.2	12319.2	19.0	0.2
1986	W	11687.4	11845.5	158.1	1.4
1987	D	13950.2	14584.3	634.1	4.5
1988	C	12277.1	13176.8	899.8	7.3
1989	D	9839.9	10101.5	261.6	2.7
1990	C	9029.7	10131.0	1101.3	12.2
1991	C	7929.6	8035.7	106.1	1.3
1992	C	12056.2	11489.1	-567.2	-4.7
1993	AN	10002.9	9632.6	-370.4	-3.7
	Mean:	10365.3	10550.9	185.6	1.8
	Median:	10082.9	10186.0	155.7	1.6
	Min:	6867.7	6954.7	-1153.7	-10.2
	Max:	14927.2	14927.2	1101.3	12.2

Sacramento River Below Keswick Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	12283.3	12598.7	315.4	2.6
1923	BN	13088.4	12807.0	-281.3	-2.1
1924	C	10238.5	10567.8	329.3	3.2
1925	D	11868.1	12027.6	159.5	1.3
1926	D	11813.7	11091.8	-721.9	-6.1
1927	W	13597.7	13871.8	274.1	2.0
1928	AN	15000.0	15000.0	0.0	0.0
1929	C	11025.6	11792.1	766.5	7.0
1930	D	10611.2	10861.3	250.1	2.4
1931	C	11692.0	12338.7	646.7	5.5
1932	D	9058.5	9183.3	124.9	1.4
1933	C	9282.6	9755.0	472.4	5.1
1934	C	10360.3	10446.4	86.1	0.8
1935	BN	10679.7	10330.3	-349.5	-3.3
1936	BN	10946.3	11079.3	132.9	1.2
1937	BN	10505.6	10384.6	-121.0	-1.2
1938	W	10931.0	11160.3	229.3	2.1
1939	D	14297.9	14727.4	429.6	3.0
1940	AN	13101.1	13436.7	335.6	2.6
1941	W	13441.9	13441.9	0.0	0.0
1942	W	11040.8	11521.9	481.1	4.4
1943	W	14227.8	14030.9	-196.9	-1.4
1944	D	11647.1	11793.8	146.7	1.3
1945	BN	13040.5	13271.5	231.1	1.8
1946	BN	12501.9	12530.1	28.2	0.2
1947	D	13525.9	12528.1	-997.8	-7.4
1948	BN	10814.8	11299.7	484.8	4.5
1949	D	15000.0	15000.0	0.0	0.0
1950	BN	10441.4	10611.1	169.7	1.6
1951	AN	15000.0	13945.3	-1054.7	-7.0
1952	W	11294.0	11294.0	0.0	0.0
1953	W	12575.7	11899.0	-676.8	-5.4
1954	AN	15000.0	14539.0	-461.0	-3.1
1955	D	14254.7	13520.4	-734.3	-5.2
1956	W	10752.9	11064.1	311.2	2.9
1957	AN	15000.0	13937.0	-1063.0	-7.1
1958	W	13576.7	13576.7	0.0	0.0
1959	BN	15214.0	15000.0	-214.0	-1.4
1960	D	15000.0	14303.9	-696.1	-4.6
1961	D	15000.0	15000.0	0.0	0.0
1962	BN	13248.5	13031.0	-217.5	-1.6
1963	W	12333.5	12092.8	-240.8	-2.0
1964	D	13131.9	13844.8	712.9	5.4
1965	W	14423.0	13812.1	-610.9	-4.2
1966	BN	15000.0	15000.0	0.0	0.0
1967	W	12491.9	12491.9	0.0	0.0
1968	BN	15000.0	15000.0	0.0	0.0
1969	W	11170.9	11545.4	374.5	3.4
1970	W	15000.0	15000.0	0.0	0.0
1971	W	12257.4	13168.3	910.9	7.4
1972	BN	15000.0	15000.0	0.0	0.0
1973	AN	13790.8	13768.5	-22.3	-0.2
1974	W	10696.6	10659.0	-37.7	-0.4
1975	W	11691.3	11283.3	-408.0	-3.5
1976	C	11966.1	13681.5	1715.4	14.3
1977	C	15000.0	15000.0	0.0	0.0
1978	AN	12813.6	13050.0	236.3	1.8
1979	BN	12909.1	12748.2	-160.8	-1.2
1980	AN	11602.4	12116.1	513.7	4.4
1981	D	15000.0	15000.0	0.0	0.0
1982	W	10280.0	10367.4	87.4	0.9
1983	W	14768.0	14768.0	0.0	0.0
1984	W	15000.0	15000.0	0.0	0.0
1985	D	13736.1	13408.5	-327.6	-2.4
1986	W	11995.8	12236.8	241.0	2.0
1987	D	14459.3	14386.6	-72.7	-0.5
1988	C	12756.1	12646.7	-109.4	-0.9
1989	D	11583.1	12220.6	637.5	5.5
1990	C	11708.0	12660.3	952.3	8.1
1991	C	8969.1	9148.5	179.4	2.0
1992	C	13671.5	12898.2	-773.3	-5.7
1993	AN	12855.3	13081.5	226.1	1.8
	Mean:	12708.9	12745.6	36.7	0.5
	Median:	12784.9	12777.6	0.0	0.0
	Min:	8969.1	9148.5	-1063.0	-7.4
	Max:	15214.0	15000.0	1715.4	14.3

Sacramento River Below Keswick Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	11401.6	11770.6	369.0	3.2
1923	BN	11261.2	11471.5	210.3	1.9
1924	C	7987.4	8106.6	119.2	1.5
1925	D	9866.4	10211.3	344.9	3.5
1926	D	9122.8	9287.8	165.0	1.8
1927	W	11056.5	11503.1	446.7	4.0
1928	AN	11158.8	11301.5	142.7	1.3
1929	C	9054.6	9759.1	704.4	7.8
1930	D	9755.5	9898.3	142.8	1.5
1931	C	8472.8	8618.2	145.4	1.7
1932	D	8204.9	8286.2	81.3	1.0
1933	C	8418.7	8437.2	18.5	0.2
1934	C	8578.7	8101.2	-477.5	-5.6
1935	BN	10168.6	9960.3	-208.3	-2.0
1936	BN	10411.3	10549.9	138.6	1.3
1937	BN	9763.7	9953.3	189.6	1.9
1938	W	11002.0	11453.5	451.5	4.1
1939	D	11144.1	12181.7	1037.6	9.3
1940	AN	11246.4	11686.1	439.6	3.9
1941	W	13131.9	13131.9	0.0	0.0
1942	W	11196.9	11300.6	103.7	0.9
1943	W	11290.0	11706.5	416.5	3.7
1944	D	10783.7	10928.4	144.7	1.3
1945	BN	11242.2	11679.1	436.8	3.9
1946	BN	11527.8	11633.4	105.6	0.9
1947	D	10458.1	10305.7	-152.4	-1.5
1948	BN	10515.0	10961.6	446.5	4.2
1949	D	11067.3	11230.3	163.0	1.5
1950	BN	9826.3	9985.0	158.7	1.6
1951	AN	11129.0	11512.4	383.4	3.4
1952	W	12294.4	12294.4	0.0	0.0
1953	W	11025.3	11637.2	612.0	5.6
1954	AN	11827.0	10281.1	-1545.9	-13.1
1955	D	10259.8	10294.4	34.6	0.3
1956	W	10006.2	10471.7	465.5	4.7
1957	AN	10597.2	11043.3	446.1	4.2
1958	W	13200.1	13200.1	0.0	0.0
1959	BN	11961.4	11425.5	-535.9	-4.5
1960	D	10398.6	9945.9	-452.7	-4.4
1961	D	12188.3	11351.1	-837.2	-6.9
1962	BN	10964.5	11375.0	410.5	3.7
1963	W	9939.8	10371.2	431.4	4.3
1964	D	10043.5	11292.9	1249.5	12.4
1965	W	9644.6	10041.8	397.2	4.1
1966	BN	11130.1	11177.2	47.1	0.4
1967	W	12835.7	12835.7	0.0	0.0
1968	BN	9517.2	9742.0	224.8	2.4
1969	W	10770.2	11163.3	393.1	3.6
1970	W	10632.5	10801.9	169.4	1.6
1971	W	11048.2	10372.0	-676.2	-6.1
1972	BN	10892.6	11277.9	385.3	3.5
1973	AN	10033.5	10444.9	411.5	4.1
1974	W	12642.9	12376.0	-266.9	-2.1
1975	W	12795.5	12795.5	0.0	0.0
1976	C	6782.9	6754.1	-28.9	-0.4
1977	C	11258.8	10539.7	-719.0	-6.4
1978	AN	11006.9	11420.4	413.5	3.8
1979	BN	9277.6	9407.3	129.7	1.4
1980	AN	10101.3	10578.5	477.1	4.7
1981	D	9866.0	11088.3	1222.3	12.4
1982	W	9139.5	9652.4	513.0	5.6
1983	W	14308.3	14308.3	0.0	0.0
1984	W	9080.4	9370.1	289.7	3.2
1985	D	11193.2	11528.6	335.4	3.0
1986	W	11091.5	11377.8	286.3	2.6
1987	D	9841.4	9481.2	-360.2	-3.7
1988	C	9745.3	9589.8	-155.5	-1.6
1989	D	9404.2	9729.2	325.0	3.5
1990	C	9464.2	8724.9	-739.3	-7.8
1991	C	7493.2	7642.5	149.3	2.0
1992	C	11166.3	10481.7	-684.5	-6.1
1993	AN	9257.6	9220.7	-36.9	-0.4
	Mean:	10505.2	10636.4	131.2	1.3
	Median:	10614.9	10690.2	154.0	1.6
	Min:	6782.9	6754.1	-1545.9	-13.1
	Max:	14308.3	14308.3	1249.5	12.4

Sacramento River Below Keswick Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	7780.4	8068.0	287.6	3.7
1923	BN	5859.7	5902.8	43.0	0.7
1924	C	5007.1	4856.5	-150.5	-3.0
1925	D	6130.7	6325.5	194.7	3.2
1926	D	5441.1	5254.0	-187.0	-3.4
1927	W	7422.8	7717.2	294.4	4.0
1928	AN	7196.2	7379.2	183.1	2.5
1929	C	5627.3	5703.2	76.0	1.4
1930	D	5593.3	5646.4	53.1	0.9
1931	C	5172.8	4914.2	-258.6	-5.0
1932	D	5087.8	5173.8	86.0	1.7
1933	C	5362.0	4835.4	-526.6	-9.8
1934	C	5245.6	5282.0	36.5	0.7
1935	BN	6227.1	5935.5	-291.6	-4.7
1936	BN	6150.7	6324.0	173.3	2.8
1937	BN	6031.1	6389.2	358.1	5.9
1938	W	10102.1	8805.7	-1296.4	-12.8
1939	D	6324.6	6722.4	397.8	6.3
1940	AN	6894.4	7174.5	280.1	4.1
1941	W	11490.7	11490.7	0.0	0.0
1942	W	11251.6	10651.5	-600.0	-5.3
1943	W	7449.0	7761.6	312.6	4.2
1944	D	6678.2	6693.8	15.6	0.2
1945	BN	7290.3	7587.7	297.3	4.1
1946	BN	6939.8	7132.1	192.3	2.8
1947	D	6261.6	5948.0	-313.7	-5.0
1948	BN	6810.5	6572.8	-237.7	-3.5
1949	D	6670.8	6870.0	199.2	3.0
1950	BN	5606.2	5708.9	102.7	1.8
1951	AN	6528.7	6845.1	316.4	4.8
1952	W	11067.5	11067.5	0.0	0.0
1953	W	11171.9	11171.9	0.0	0.0
1954	AN	6400.8	6594.5	193.7	3.0
1955	D	5893.9	5944.7	50.8	0.9
1956	W	10380.2	9637.8	-742.4	-7.2
1957	AN	5515.0	5515.2	0.1	0.0
1958	W	11646.7	11646.7	0.0	0.0
1959	BN	4698.0	5039.0	341.0	7.3
1960	D	6437.3	5919.4	-517.9	-8.0
1961	D	6230.5	6277.7	47.3	0.8
1962	BN	6134.8	6421.4	286.7	4.7
1963	W	5939.3	6261.6	322.3	5.4
1964	D	5905.1	6062.5	157.3	2.7
1965	W	6250.2	6585.1	334.9	5.4
1966	BN	6476.1	6691.0	214.9	3.3
1967	W	11393.8	11393.8	0.0	0.0
1968	BN	7026.4	7013.2	-13.2	-0.2
1969	W	10953.2	9899.3	-1053.9	-9.6
1970	W	6626.8	6909.2	282.3	4.3
1971	W	11109.8	10720.4	-389.4	-3.5
1972	BN	5949.2	6074.1	124.9	2.1
1973	AN	6056.1	6309.8	253.7	4.2
1974	W	11866.6	11866.6	0.0	0.0
1975	W	11713.9	11713.9	0.0	0.0
1976	C	5648.5	4879.4	-769.1	-13.6
1977	C	5176.0	5107.4	-68.6	-1.3
1978	AN	5684.3	5577.5	-106.8	-1.9
1979	BN	5943.4	6181.3	237.9	4.0
1980	AN	6202.4	6494.2	291.8	4.7
1981	D	5685.5	5935.2	249.7	4.4
1982	W	7136.5	6518.8	-617.7	-8.7
1983	W	12549.4	12549.4	0.0	0.0
1984	W	5741.5	6032.5	291.0	5.1
1985	D	5958.1	6071.1	112.9	1.9
1986	W	5303.3	5388.8	85.6	1.6
1987	D	6983.5	6134.7	-848.8	-12.2
1988	C	6593.6	6142.7	-451.0	-6.8
1989	D	3981.0	3822.6	-158.5	-4.0
1990	C	4810.3	5075.4	265.2	5.5
1991	C	4482.5	4600.6	118.2	2.6
1992	C	6453.8	5336.0	-1117.9	-17.3
1993	AN	7759.2	7565.4	-193.8	-2.5
	Mean:	7035.7	6997.5	-38.2	-0.2
	Median:	6255.9	6324.7	49.1	0.9
	Min:	3981.0	3822.6	-1296.4	-17.3
	Max:	12549.4	12549.4	397.8	7.3

Sacramento River at Freeport

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	11527.2	12092.2	565.0	4.9
1923	BN	10342.6	10701.6	359.0	3.5
1924	C	12263.6	11730.4	-533.2	-4.3
1925	D	7599.4	7598.1	-1.3	0.0
1926	D	9140.2	9140.1	-0.1	0.0
1927	W	9112.1	9012.1	-100.0	-1.1
1928	AN	13018.7	12190.7	-828.0	-6.4
1929	C	11106.4	10563.1	-543.2	-4.9
1930	D	7769.7	7766.7	-3.1	0.0
1931	C	10023.7	9162.6	-861.1	-8.6
1932	D	7753.6	7754.3	0.7	0.0
1933	C	9205.6	9199.0	-6.6	-0.1
1934	C	7767.5	7765.8	-1.7	0.0
1935	BN	7758.3	7750.7	-7.6	-0.1
1936	BN	12910.8	11685.5	-1225.3	-9.5
1937	BN	12350.5	9232.8	-3117.8	-25.2
1938	W	9693.5	9684.4	-9.1	-0.1
1939	D	14558.7	13857.3	-701.4	-4.8
1940	AN	11271.9	10400.6	-871.3	-7.7
1941	W	12153.8	11734.6	-419.2	-3.4
1942	W	12596.9	12423.5	-173.4	-1.4
1943	W	13857.0	12822.2	-1034.9	-7.5
1944	D	11837.5	10431.8	-1405.7	-11.9
1945	BN	11890.8	11081.0	-809.7	-6.8
1946	BN	10410.3	10244.7	-165.7	-1.6
1947	D	14551.5	12021.9	-2529.7	-17.4
1948	BN	10106.7	9747.8	-358.9	-3.6
1949	D	13873.8	13526.8	-347.1	-2.5
1950	BN	9200.1	9202.3	2.2	0.0
1951	AN	13371.8	11765.5	-1606.4	-12.0
1952	W	12657.3	12239.5	-417.8	-3.3
1953	W	17619.1	15225.1	-2394.0	-13.6
1954	AN	13845.3	13148.5	-696.8	-5.0
1955	D	14043.9	13618.5	-425.4	-3.0
1956	W	9190.8	9183.2	-7.6	-0.1
1957	AN	16547.9	15176.5	-1371.4	-8.3
1958	W	17666.5	18184.5	517.9	2.9
1959	BN	16308.2	13691.3	-2616.8	-16.0
1960	D	12482.7	10929.2	-1553.5	-12.4
1961	D	12091.1	9167.2	-2923.9	-24.2
1962	BN	12327.0	11534.3	-792.7	-6.4
1963	W	34344.8	34578.3	233.5	0.7
1964	D	13977.1	14244.7	267.6	1.9
1965	W	11608.3	11287.4	-320.9	-2.8
1966	BN	12682.6	10762.9	-1919.7	-15.1
1967	W	13390.7	12923.7	-466.9	-3.5
1968	BN	19864.1	17463.8	-2400.3	-12.1
1969	W	14308.0	13159.4	-1148.7	-8.0
1970	W	15259.5	14608.7	-650.8	-4.3
1971	W	12092.0	12153.7	61.7	0.5
1972	BN	14919.3	14895.6	-23.8	-0.2
1973	AN	10894.5	10569.7	-324.8	-3.0
1974	W	11707.7	11804.3	96.6	0.8
1975	W	15705.1	13710.8	-1994.3	-12.7
1976	C	18488.5	16854.0	-1634.4	-8.8
1977	C	8746.3	7816.9	-929.5	-10.6
1978	AN	7750.7	7733.0	-17.7	-0.2
1979	BN	10988.0	10132.9	-855.1	-7.8
1980	AN	11302.9	11081.4	-221.5	-2.0
1981	D	11732.6	10010.0	-1722.7	-14.7
1982	W	13883.3	12461.3	-1422.0	-10.2
1983	W	20016.0	17384.9	-2631.1	-13.1
1984	W	23999.2	18903.5	-5095.7	-21.2
1985	D	10826.9	10453.2	-373.7	-3.5
1986	W	13332.8	11729.6	-1603.2	-12.0
1987	D	11889.0	10386.5	-1502.5	-12.6
1988	C	10349.8	9659.3	-690.5	-6.7
1989	D	7779.1	7764.1	-15.0	-0.2
1990	C	13006.6	12149.7	-856.9	-6.6
1991	C	7742.8	7741.2	-1.6	0.0
1992	C	7636.4	7639.1	2.7	0.0
1993	AN	7743.0	7750.7	7.7	0.1
	Mean:	12524.6	11725.0	-799.6	-5.7
	Median:	12091.5	11184.4	-500.1	-4.0
	Min:	7599.4	7598.1	-5095.7	-25.2
	Max:	34344.8	34578.3	565.0	4.9

Sacramento River at Freeport

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	10880.5	11455.3	574.8	5.3
1923	BN	14805.9	14437.4	-368.6	-2.5
1924	C	11149.0	10609.3	-539.7	-4.8
1925	D	7661.8	8375.4	713.6	9.3
1926	D	8512.8	8581.5	68.7	0.8
1927	W	19596.8	20922.7	1325.9	6.8
1928	AN	19382.4	17192.2	-2190.2	-11.3
1929	C	12120.6	12343.7	223.1	1.8
1930	D	7232.9	7237.3	4.4	0.1
1931	C	8519.7	8505.0	-14.7	-0.2
1932	D	7091.4	7270.6	179.1	2.5
1933	C	8510.2	8514.1	3.9	0.0
1934	C	7232.9	7235.2	2.3	0.0
1935	BN	10516.5	11403.6	887.1	8.4
1936	BN	10742.0	9871.8	-870.1	-8.1
1937	BN	10149.1	9758.5	-390.6	-3.8
1938	W	23933.0	24620.4	687.4	2.9
1939	D	13818.0	12274.0	-1544.0	-11.2
1940	AN	9662.7	8790.6	-872.2	-9.0
1941	W	12772.1	12478.8	-293.4	-2.3
1942	W	12576.3	12536.1	-40.3	-0.3
1943	W	15713.2	13491.6	-2221.6	-14.1
1944	D	11872.0	11079.6	-792.4	-6.7
1945	BN	14935.1	15397.6	462.5	3.1
1946	BN	15336.3	15063.7	-272.6	-1.8
1947	D	12208.9	13557.0	1348.1	11.0
1948	BN	11585.5	11228.8	-356.7	-3.1
1949	D	12830.4	11473.4	-1357.1	-10.6
1950	BN	9433.3	9675.3	242.1	2.6
1951	AN	42324.3	42599.8	275.5	0.7
1952	W	15465.0	15658.5	193.5	1.3
1953	W	15316.6	13185.4	-2131.2	-13.9
1954	AN	17423.4	15678.6	-1744.7	-10.0
1955	D	14751.5	16176.5	1425.0	9.7
1956	W	11767.8	11959.4	191.7	1.6
1957	AN	14057.4	12671.2	-1386.2	-9.9
1958	W	14495.4	14783.5	288.1	2.0
1959	BN	14213.1	12155.9	-2057.2	-14.5
1960	D	10665.0	10336.5	-328.5	-3.1
1961	D	12662.4	13366.2	703.7	5.6
1962	BN	11468.3	12050.4	582.1	5.1
1963	W	16274.4	14963.1	-1311.3	-8.1
1964	D	26155.3	25691.0	-464.4	-1.8
1965	W	15112.4	15467.3	355.0	2.3
1966	BN	23852.5	20208.8	-3643.7	-15.3
1967	W	14791.5	15698.3	906.8	6.1
1968	BN	15472.3	13245.0	-2227.2	-14.4
1969	W	12921.3	12651.1	-270.2	-2.1
1970	W	14652.3	13733.7	-918.7	-6.3
1971	W	18059.0	18676.8	617.9	3.4
1972	BN	14171.7	13022.0	-1149.7	-8.1
1973	AN	18752.0	18843.0	91.0	0.5
1974	W	62083.2	60059.8	-2023.4	-3.3
1975	W	15466.2	13167.2	-2299.0	-14.9
1976	C	15877.7	13983.8	-1893.9	-11.9
1977	C	9354.1	8870.9	-483.2	-5.2
1978	AN	7136.8	7129.6	-7.2	-0.1
1979	BN	10297.8	12647.7	2350.0	22.8
1980	AN	14805.8	14483.1	-322.6	-2.2
1981	D	13471.2	9503.4	-3967.8	-29.5
1982	W	33316.3	33899.2	582.9	1.7
1983	W	36252.2	36021.7	-230.5	-0.6
1984	W	64023.8	64966.3	942.6	1.5
1985	D	31983.4	30238.3	-1745.1	-5.5
1986	W	10329.8	11274.8	945.1	9.1
1987	D	10857.1	9889.2	-967.9	-8.9
1988	C	9951.4	9307.0	-644.4	-6.5
1989	D	8953.9	9825.8	871.9	9.7
1990	C	10648.7	10437.3	-211.3	-2.0
1991	C	7222.5	7646.6	424.1	5.9
1992	C	7208.5	7216.9	8.4	0.1
1993	AN	7234.1	7243.7	9.6	0.1
	Mean:	15584.5	15222.4	-362.0	-2.0
	Median:	12875.9	12591.9	-125.8	-0.5
	Min:	7091.4	7129.6	-3967.8	-29.5
	Max:	64023.8	64966.3	2350.0	22.8

Sacramento River at Freeport

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	17039.3	18331.4	1292.0	7.6
1923	BN	29122.2	27943.6	-1178.7	-4.0
1924	C	13081.8	11583.1	-1498.7	-11.5
1925	D	12165.7	13193.9	1028.2	8.5
1926	D	8975.6	9480.5	504.9	5.6
1927	W	18184.5	18129.7	-54.7	-0.3
1928	AN	15131.9	15253.6	121.7	0.8
1929	C	12197.2	12704.7	507.5	4.2
1930	D	18068.5	18325.1	256.7	1.4
1931	C	9222.5	8386.0	-836.5	-9.1
1932	D	18406.7	19484.9	1078.1	5.9
1933	C	9112.9	9857.2	744.3	8.2
1934	C	13552.4	14568.3	1015.9	7.5
1935	BN	9404.2	10006.7	602.5	6.4
1936	BN	12894.8	12463.6	-431.3	-3.3
1937	BN	12775.5	11967.1	-808.4	-6.3
1938	W	56599.4	59600.9	3001.5	5.3
1939	D	14524.3	14857.2	332.9	2.3
1940	AN	9848.1	9658.9	-189.2	-1.9
1941	W	42922.4	42407.4	-515.0	-1.2
1942	W	59860.0	59602.0	-258.0	-0.4
1943	W	26971.7	25896.3	-1075.4	-4.0
1944	D	11741.8	13282.7	1540.9	13.1
1945	BN	17016.7	17445.7	429.0	2.5
1946	BN	62618.2	61822.9	-795.3	-1.3
1947	D	15252.7	16057.8	805.1	5.3
1948	BN	8944.8	9323.8	379.0	4.2
1949	D	13435.3	14138.4	703.1	5.2
1950	BN	9175.5	9841.9	666.4	7.3
1951	AN	74559.8	74644.5	84.7	0.1
1952	W	41343.2	41127.0	-216.2	-0.5
1953	W	41721.2	42743.4	1022.2	2.5
1954	AN	12801.2	12721.2	-80.1	-0.6
1955	D	23078.0	23997.6	919.6	4.0
1956	W	74036.2	73927.5	-108.7	-0.1
1957	AN	10543.1	14567.1	4024.1	38.2
1958	W	22489.9	22923.9	433.9	1.9
1959	BN	12674.0	12910.7	236.8	1.9
1960	D	10131.5	10773.7	642.2	6.3
1961	D	16593.8	16944.2	350.4	2.1
1962	BN	15596.7	16153.6	556.9	3.6
1963	W	25833.4	26205.0	371.6	1.4
1964	D	12529.6	12756.8	227.1	1.8
1965	W	67873.6	66825.6	-1048.0	-1.5
1966	BN	14776.1	13386.5	-1389.6	-9.4
1967	W	37578.8	38413.7	835.0	2.2
1968	BN	14984.0	15367.0	383.0	2.6
1969	W	22943.1	23257.5	314.4	1.4
1970	W	55625.1	56802.2	1177.1	2.1
1971	W	57445.9	56196.5	-1249.4	-2.2
1972	BN	17504.0	16921.6	-582.3	-3.3
1973	AN	25098.7	23264.6	-1834.1	-7.3
1974	W	65286.6	65543.5	256.9	0.4
1975	W	16361.2	17001.2	639.9	3.9
1976	C	15348.6	15658.6	310.1	2.0
1977	C	8747.1	7602.8	-1144.3	-13.1
1978	AN	14702.0	15458.2	756.2	5.1
1979	BN	10191.9	14402.1	4210.3	41.3
1980	AN	19049.0	19704.1	655.1	3.4
1981	D	14100.4	14755.1	654.7	4.6
1982	W	73904.4	73941.6	37.2	0.1
1983	W	64085.1	64488.8	403.7	0.6
1984	W	75088.9	75235.2	146.3	0.2
1985	D	21058.8	21466.0	407.2	1.9
1986	W	16858.7	16857.7	-0.9	0.0
1987	D	11138.1	11442.1	303.9	2.7
1988	C	17760.3	18297.2	536.9	3.0
1989	D	10389.6	9953.1	-436.5	-4.2
1990	C	13914.8	13124.3	-790.5	-5.7
1991	C	6652.3	7109.8	457.5	6.9
1992	C	7202.6	6906.2	-296.4	-4.1
1993	AN	12402.4	13545.9	1143.5	9.2
	Mean:	24725.7	25013.1	287.4	2.3
	Median:	15472.6	16105.7	341.7	1.9
	Min:	6652.3	6906.2	-1834.1	-13.1
	Max:	75088.9	75235.2	4210.3	41.3

Sacramento River at Freeport

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	14369.9	15280.5	910.6	6.3
1923	BN	28061.4	25729.7	-2331.7	-8.3
1924	C	11974.9	12423.9	449.0	3.7
1925	D	12470.1	12065.4	-404.7	-3.2
1926	D	16647.7	17110.1	462.4	2.8
1927	W	31552.3	31579.2	26.8	0.1
1928	AN	23550.3	22528.8	-1021.6	-4.3
1929	C	12040.1	12753.8	713.6	5.9
1930	D	19452.8	19783.1	330.3	1.7
1931	C	12420.9	13207.7	786.7	6.3
1932	D	20510.4	19891.8	-618.6	-3.0
1933	C	12826.2	13907.9	1081.7	8.4
1934	C	16555.4	17128.0	572.6	3.5
1935	BN	28594.5	28294.4	-300.1	-1.0
1936	BN	37974.0	38885.0	911.0	2.4
1937	BN	12689.2	13362.3	673.0	5.3
1938	W	30979.8	31287.5	307.7	1.0
1939	D	12605.6	13199.9	594.3	4.7
1940	AN	30746.0	30649.5	-96.5	-0.3
1941	W	72675.6	72738.6	63.0	0.1
1942	W	68352.8	68610.8	258.1	0.4
1943	W	71402.4	71757.1	354.7	0.5
1944	D	13452.5	14190.1	737.6	5.5
1945	BN	12486.7	13110.1	623.4	5.0
1946	BN	48470.7	48898.1	427.4	0.9
1947	D	11113.1	11591.8	478.7	4.3
1948	BN	14935.6	15442.3	506.7	3.4
1949	D	10546.2	11075.5	529.3	5.0
1950	BN	19453.7	18819.7	-634.0	-3.3
1951	AN	57820.3	57369.8	-450.5	-0.8
1952	W	73320.0	73352.7	32.7	0.0
1953	W	72637.8	72931.4	293.5	0.4
1954	AN	33613.3	34047.2	433.9	1.3
1955	D	18545.7	18772.0	226.3	1.2
1956	W	75205.9	75277.1	71.2	0.1
1957	AN	12898.1	12946.7	48.6	0.4
1958	W	37790.3	38815.0	1024.7	2.7
1959	BN	35650.8	35449.7	-201.1	-0.6
1960	D	12140.8	12238.1	97.3	0.8
1961	D	10910.1	11787.3	877.1	8.0
1962	BN	11072.1	10844.7	-227.4	-2.1
1963	W	15620.3	16135.1	514.8	3.3
1964	D	22678.4	22896.4	218.0	1.0
1965	W	74569.1	74270.4	-298.7	-0.4
1966	BN	28986.3	27993.6	-992.7	-3.4
1967	W	42673.4	41261.7	-1411.7	-3.3
1968	BN	28922.7	29557.0	634.3	2.2
1969	W	74072.7	74153.1	80.4	0.1
1970	W	76357.0	76738.9	382.0	0.5
1971	W	46661.3	46991.7	330.5	0.7
1972	BN	18448.1	16347.7	-2100.5	-11.4
1973	AN	73331.6	73384.1	52.5	0.1
1974	W	74462.4	74751.2	288.8	0.4
1975	W	15927.3	15030.1	-897.2	-5.6
1976	C	13245.8	13655.7	409.9	3.1
1977	C	7013.8	7673.5	659.7	9.4
1978	AN	61593.6	61837.1	243.5	0.4
1979	BN	22833.1	20401.9	-2431.2	-10.6
1980	AN	73856.4	74159.3	302.9	0.4
1981	D	19957.1	20696.4	739.3	3.7
1982	W	69166.5	68291.0	-875.5	-1.3
1983	W	70783.3	71078.3	295.0	0.4
1984	W	48385.7	56767.7	8381.9	17.3
1985	D	14390.4	14350.2	-40.2	-0.3
1986	W	21995.3	22268.7	273.5	1.2
1987	D	13394.5	14058.8	664.3	5.0
1988	C	26988.1	27373.8	385.7	1.4
1989	D	12762.8	12229.6	-533.2	-4.2
1990	C	18909.6	19584.6	675.0	3.6
1991	C	5741.4	6554.6	813.2	14.2
1992	C	9142.3	9859.4	717.1	7.8
1993	AN	56852.8	56069.1	-783.7	-1.4
	Mean:	32503.3	32716.0	212.7	1.4
	Median:	22336.8	21482.6	299.0	0.8
	Min:	5741.4	6554.6	-2431.2	-11.4
	Max:	76357.0	76738.9	8381.9	17.3

Sacramento River at Freeport

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	34507.9	33232.7	-1275.3	-3.7
1923	BN	15789.5	16101.6	312.1	2.0
1924	C	13926.5	15396.6	1470.1	10.6
1925	D	61501.8	61494.8	-6.9	0.0
1926	D	39596.9	39333.7	-263.2	-0.7
1927	W	74828.8	74911.1	82.3	0.1
1928	AN	24975.6	25616.6	641.0	2.6
1929	C	14560.3	15854.7	1294.4	8.9
1930	D	18572.4	17769.3	-803.1	-4.3
1931	C	10585.9	10681.5	95.6	0.9
1932	D	15467.1	14791.9	-675.1	-4.4
1933	C	10310.2	11578.4	1268.3	12.3
1934	C	15280.9	14656.7	-624.1	-4.1
1935	BN	13882.5	13048.5	-834.0	-6.0
1936	BN	59575.7	59598.4	22.7	0.0
1937	BN	32595.5	32293.9	-301.6	-0.9
1938	W	74302.1	74479.5	177.4	0.2
1939	D	13193.6	11922.9	-1270.7	-9.6
1940	AN	55153.1	54102.7	-1050.4	-1.9
1941	W	73823.6	73956.7	133.1	0.2
1942	W	74476.9	74617.2	140.3	0.2
1943	W	50646.6	51074.2	427.6	0.8
1944	D	24578.6	24726.1	147.4	0.6
1945	BN	45306.5	45342.5	35.9	0.1
1946	BN	22266.5	28597.3	6330.8	28.4
1947	D	18559.9	18655.4	95.6	0.5
1948	BN	15193.9	14673.9	-519.9	-3.4
1949	D	12813.7	12882.2	68.5	0.5
1950	BN	34277.4	34307.1	29.7	0.1
1951	AN	63313.8	63531.8	217.9	0.3
1952	W	72379.5	71942.2	-437.3	-0.6
1953	W	23753.0	23839.2	86.2	0.4
1954	AN	60599.6	61431.1	831.5	1.4
1955	D	13177.5	15290.5	2113.0	16.0
1956	W	69081.2	68272.5	-808.7	-1.2
1957	AN	33997.7	34260.7	263.0	0.8
1958	W	75336.2	75388.4	52.3	0.1
1959	BN	50946.9	51766.3	819.5	1.6
1960	D	27814.9	27502.7	-312.2	-1.1
1961	D	26918.5	29109.1	2190.6	8.1
1962	BN	44926.8	43916.1	-1010.8	-2.2
1963	W	67750.7	69303.6	1552.9	2.3
1964	D	15924.4	14729.2	-1195.2	-7.5
1965	W	30869.8	30973.6	103.7	0.3
1966	BN	24812.3	25054.2	242.0	1.0
1967	W	55907.6	54262.4	-1645.2	-2.9
1968	BN	60655.2	61536.7	881.6	1.5
1969	W	74070.6	74081.5	10.8	0.0
1970	W	70960.3	69682.9	-1277.5	-1.8
1971	W	27314.3	26632.0	-682.3	-2.5
1972	BN	22211.0	21427.3	-783.6	-3.5
1973	AN	72646.2	72803.0	156.8	0.2
1974	W	39646.6	39518.6	-128.0	-0.3
1975	W	61707.2	63491.8	1784.6	2.9
1976	C	13275.2	13856.8	581.6	4.4
1977	C	7738.7	7686.4	-52.3	-0.7
1978	AN	49516.6	48177.5	-1339.1	-2.7
1979	BN	40138.8	37895.8	-2242.9	-5.6
1980	AN	74575.9	74377.1	-198.9	-0.3
1981	D	25211.5	23885.2	-1326.3	-5.3
1982	W	73840.4	73933.7	93.3	0.1
1983	W	75008.1	75106.3	98.3	0.1
1984	W	34255.8	39197.7	4941.9	14.4
1985	D	16139.4	16256.1	116.7	0.7
1986	W	78280.7	78706.6	425.9	0.5
1987	D	18016.3	19276.3	1260.0	7.0
1988	C	15721.1	15647.0	-74.1	-0.5
1989	D	8360.7	9593.5	1232.8	14.7
1990	C	17134.2	16919.6	-214.6	-1.3
1991	C	7431.1	7971.2	540.1	7.3
1992	C	29316.4	30224.9	908.5	3.1
1993	AN	53468.9	53222.5	-246.4	-0.5
	Mean:	38815.3	38991.4	176.1	1.1
	Median:	33296.6	32763.3	84.3	0.1
	Min:	7431.1	7686.4	-2242.9	-9.6
	Max:	78280.7	78706.6	6330.8	28.4

Sacramento River at Freeport

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	30000.0	30208.1	208.0	0.7
1923	BN	15619.1	14893.9	-725.2	-4.6
1924	C	9983.5	9956.8	-26.7	-0.3
1925	D	25719.7	25679.4	-40.2	-0.2
1926	D	12992.2	12197.2	-794.9	-6.1
1927	W	43748.2	43585.6	-162.6	-0.4
1928	AN	74145.0	74377.9	232.9	0.3
1929	C	10901.5	11857.5	956.0	8.8
1930	D	29733.7	29664.4	-69.3	-0.2
1931	C	7729.7	7658.8	-70.9	-0.9
1932	D	13028.6	12730.4	-298.2	-2.3
1933	C	13625.3	13684.4	59.1	0.4
1934	C	11750.1	11632.5	-117.6	-1.0
1935	BN	24346.8	25191.5	844.7	3.5
1936	BN	29330.1	29223.8	-106.3	-0.4
1937	BN	38006.3	38404.7	398.4	1.0
1938	W	74694.6	74892.4	197.8	0.3
1939	D	12757.5	12755.1	-2.4	0.0
1940	AN	73814.0	74189.6	375.5	0.5
1941	W	70368.1	70437.8	69.7	0.1
1942	W	22559.2	22545.3	-13.9	-0.1
1943	W	67982.1	68694.8	712.7	1.0
1944	D	21335.0	20665.4	-669.5	-3.1
1945	BN	21706.1	22038.7	332.6	1.5
1946	BN	19618.9	16542.1	-3076.8	-15.7
1947	D	20734.7	20275.9	-458.8	-2.2
1948	BN	13706.7	15228.5	1521.8	11.1
1949	D	42913.2	43410.4	497.3	1.2
1950	BN	19945.1	19927.7	-17.4	-0.1
1951	AN	27566.9	28123.8	556.9	2.0
1952	W	55211.8	54929.1	-282.7	-0.5
1953	W	22167.3	22481.9	314.6	1.4
1954	AN	48070.7	48557.6	486.9	1.0
1955	D	10298.9	10505.5	206.5	2.0
1956	W	34135.3	33571.1	-564.2	-1.7
1957	AN	44400.4	44632.9	232.5	0.5
1958	W	73405.9	73530.1	124.2	0.2
1959	BN	22871.3	22495.8	-375.5	-1.6
1960	D	20658.7	20948.3	289.6	1.4
1961	D	17850.3	18082.3	232.0	1.3
1962	BN	23273.6	23266.1	-7.4	0.0
1963	W	31845.7	31569.9	-275.9	-0.9
1964	D	12558.9	12444.0	-114.9	-0.9
1965	W	23195.0	22533.0	-662.0	-2.9
1966	BN	25527.3	25240.1	-287.2	-1.1
1967	W	52042.5	52173.5	131.0	0.3
1968	BN	34336.9	34505.5	168.7	0.5
1969	W	45749.8	45552.3	-197.5	-0.4
1970	W	33264.3	33700.8	436.5	1.3
1971	W	42654.6	43055.8	401.1	0.9
1972	BN	34789.0	35220.1	431.1	1.2
1973	AN	50812.7	51077.0	264.4	0.5
1974	W	73754.9	73961.1	206.1	0.3
1975	W	70543.6	70602.1	58.5	0.1
1976	C	14704.1	15938.6	1234.5	8.4
1977	C	7106.4	7210.3	104.0	1.5
1978	AN	58972.8	59596.9	624.0	1.1
1979	BN	28716.8	30286.8	1570.0	5.5
1980	AN	44150.6	44613.4	462.8	1.0
1981	D	26085.9	26352.8	266.8	1.0
1982	W	67783.2	68438.6	655.4	1.0
1983	W	77467.0	77663.2	196.2	0.3
1984	W	33315.5	38965.8	5650.3	17.0
1985	D	13174.1	14844.7	1670.6	12.7
1986	W	74541.3	74279.5	-261.8	-0.4
1987	D	23162.7	25471.9	2309.2	10.0
1988	C	8963.6	9110.5	146.9	1.6
1989	D	42200.8	47503.3	5302.5	12.6
1990	C	11476.4	11886.1	409.7	3.6
1991	C	28586.4	29761.5	1175.1	4.1
1992	C	17786.5	17359.9	-426.7	-2.4
1993	AN	42061.0	44935.6	2874.6	6.8
	Mean:	33667.2	34021.2	354.1	1.2
	Median:	28076.6	28673.8	197.0	0.5
	Min:	7106.4	7210.3	-3076.8	-15.7
	Max:	77467.0	77663.2	5650.3	17.0

Sacramento River at Freeport

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	22693.6	22502.0	-191.6	-0.8
1923	BN	22148.7	23177.2	1028.5	4.6
1924	C	7281.4	8046.9	765.5	10.5
1925	D	19950.7	19807.8	-142.9	-0.7
1926	D	18107.4	18691.4	584.0	3.2
1927	W	44520.6	44333.0	-187.7	-0.4
1928	AN	25913.9	25542.6	-371.2	-1.4
1929	C	7369.7	7507.9	138.2	1.9
1930	D	12132.3	12215.3	83.0	0.7
1931	C	8557.1	8576.9	19.9	0.2
1932	D	8441.0	8362.4	-78.6	-0.9
1933	C	10845.6	10648.8	-196.7	-1.8
1934	C	11418.4	11436.5	18.1	0.2
1935	BN	46514.8	45317.5	-1197.3	-2.6
1936	BN	20663.9	20726.9	63.1	0.3
1937	BN	21614.8	21600.6	-14.2	-0.1
1938	W	60188.0	60100.9	-87.1	-0.1
1939	D	10207.5	9806.1	-401.4	-3.9
1940	AN	62966.0	62580.7	-385.3	-0.6
1941	W	60756.1	61084.3	328.2	0.5
1942	W	42168.7	42326.1	157.4	0.4
1943	W	24740.8	24781.2	40.4	0.2
1944	D	10243.7	10254.5	10.8	0.1
1945	BN	10833.7	10402.5	-431.2	-4.0
1946	BN	11853.2	11281.1	-572.0	-4.8
1947	D	13483.8	13531.4	47.5	0.4
1948	BN	25400.6	25313.1	-87.4	-0.3
1949	D	12234.4	12052.3	-182.1	-1.5
1950	BN	20101.3	19954.0	-147.4	-0.7
1951	AN	13421.8	13521.6	99.8	0.7
1952	W	60051.9	59018.3	-1033.6	-1.7
1953	W	15321.3	15080.0	-241.3	-1.6
1954	AN	39762.4	39711.2	-51.2	-0.1
1955	D	13382.0	12984.0	-398.0	-3.0
1956	W	16871.5	17131.8	260.4	1.5
1957	AN	20068.6	20069.6	0.9	0.0
1958	W	73746.6	73869.8	123.1	0.2
1959	BN	9801.3	9480.3	-320.9	-3.3
1960	D	13195.0	13186.3	-8.7	-0.1
1961	D	13123.9	13194.6	70.7	0.5
1962	BN	12334.6	10995.0	-1339.6	-10.9
1963	W	71846.5	71882.3	35.8	0.0
1964	D	17661.3	13116.5	-4544.7	-25.7
1965	W	39724.6	40993.2	1268.6	3.2
1966	BN	11552.6	11375.7	-176.9	-1.5
1967	W	37887.3	36967.0	-920.3	-2.4
1968	BN	14929.3	14990.2	61.0	0.4
1969	W	41261.0	40629.8	-631.2	-1.5
1970	W	14747.5	14834.5	86.9	0.6
1971	W	21703.7	21749.1	45.4	0.2
1972	BN	11712.9	11980.3	267.4	2.3
1973	AN	15047.1	14736.9	-310.2	-2.1
1974	W	62943.7	62205.0	-738.7	-1.2
1975	W	20947.9	20165.9	-782.0	-3.7
1976	C	9249.1	9149.1	-99.9	-1.1
1977	C	8538.1	8571.8	33.7	0.4
1978	AN	35420.0	34242.4	-1177.6	-3.3
1979	BN	15113.3	14831.2	-282.2	-1.9
1980	AN	15856.5	15904.5	48.0	0.3
1981	D	14802.4	13960.1	-842.3	-5.7
1982	W	74423.0	74651.6	228.6	0.3
1983	W	56817.0	55929.7	-887.3	-1.6
1984	W	17562.2	16582.6	-979.6	-5.6
1985	D	13063.1	10302.9	-2760.1	-21.1
1986	W	17205.1	17605.8	400.6	2.3
1987	D	14038.7	14065.9	27.2	0.2
1988	C	9418.3	9120.4	-297.9	-3.2
1989	D	21896.2	20452.4	-1443.8	-6.6
1990	C	10877.2	10900.7	23.5	0.2
1991	C	12191.2	12190.6	-0.7	0.0
1992	C	12847.0	12836.9	-10.1	-0.1
1993	AN	37427.0	36369.9	-1057.1	-2.8
	Mean:	24349.2	24076.4	-272.8	-1.4
	Median:	16364.0	15492.2	-82.9	-0.2
	Min:	7281.4	7507.9	-4544.7	-25.7
	Max:	74423.0	74651.6	1268.6	10.5

Sacramento River at Freeport

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	49443.5	49006.2	-437.2	-0.9
1923	BN	16013.5	16267.6	254.1	1.6
1924	C	7881.3	7918.4	37.1	0.5
1925	D	14745.9	14193.8	-552.1	-3.7
1926	D	12033.3	11048.8	-984.5	-8.2
1927	W	24516.1	24571.2	55.0	0.2
1928	AN	17811.2	18278.4	467.2	2.6
1929	C	8172.2	8150.8	-21.4	-0.3
1930	D	11922.3	11758.1	-164.2	-1.4
1931	C	7323.5	7698.3	374.8	5.1
1932	D	12537.0	12503.5	-33.4	-0.3
1933	C	6778.1	7676.7	898.7	13.3
1934	C	7899.7	7751.6	-148.1	-1.9
1935	BN	23462.1	23161.1	-301.1	-1.3
1936	BN	13529.4	14243.5	714.1	5.3
1937	BN	15269.9	15400.0	130.1	0.9
1938	W	53945.3	53732.6	-212.7	-0.4
1939	D	11138.6	10552.2	-586.4	-5.3
1940	AN	18584.0	16802.3	-1781.7	-9.6
1941	W	39339.8	39258.6	-81.3	-0.2
1942	W	33373.0	33308.8	-64.2	-0.2
1943	W	16754.0	15878.0	-876.0	-5.2
1944	D	11220.2	10569.7	-650.5	-5.8
1945	BN	14606.7	14408.6	-198.1	-1.4
1946	BN	13853.9	14086.7	232.8	1.7
1947	D	11305.3	10248.6	-1056.7	-9.3
1948	BN	28446.7	26673.7	-1772.9	-6.2
1949	D	14005.2	13459.5	-545.7	-3.9
1950	BN	17027.8	17611.7	583.9	3.4
1951	AN	19061.7	18479.6	-582.1	-3.1
1952	W	58262.7	59002.6	739.8	1.3
1953	W	23874.4	23311.3	-563.1	-2.4
1954	AN	23504.7	23552.6	47.9	0.2
1955	D	12667.8	12003.7	-664.1	-5.2
1956	W	38425.8	38920.4	494.5	1.3
1957	AN	16628.5	16530.0	-98.5	-0.6
1958	W	42010.2	42415.6	405.4	1.0
1959	BN	11480.4	11535.1	54.7	0.5
1960	D	13272.0	12827.8	-444.1	-3.3
1961	D	11519.1	11893.9	374.7	3.3
1962	BN	12988.1	12219.9	-768.2	-5.9
1963	W	29440.8	29254.7	-186.1	-0.6
1964	D	11316.3	12359.7	1043.4	9.2
1965	W	21734.7	23019.9	1285.2	5.9
1966	BN	13081.5	13650.1	568.5	4.3
1967	W	44187.9	44092.1	-95.8	-0.2
1968	BN	11470.2	11105.6	-364.6	-3.2
1969	W	45216.0	44625.0	-590.9	-1.3
1970	W	13856.8	12684.5	-1172.3	-8.5
1971	W	27560.4	26805.7	-754.7	-2.7
1972	BN	11884.0	11657.1	-226.9	-1.9
1973	AN	18374.5	18127.7	-246.8	-1.3
1974	W	22349.2	22231.1	-118.1	-0.5
1975	W	29495.4	28850.4	-644.9	-2.2
1976	C	7148.5	7169.6	21.1	0.3
1977	C	5822.7	5753.9	-68.8	-1.2
1978	AN	19293.4	18460.3	-833.1	-4.3
1979	BN	16249.6	15874.7	-375.0	-2.3
1980	AN	14981.5	14292.0	-689.5	-4.6
1981	D	11724.2	10484.8	-1239.4	-10.6
1982	W	37042.5	36243.7	-798.8	-2.2
1983	W	56704.5	57186.9	482.5	0.9
1984	W	13158.7	12677.0	-481.7	-3.7
1985	D	12181.6	12264.4	82.8	0.7
1986	W	13330.7	13079.9	-250.8	-1.9
1987	D	9917.8	9214.7	-703.0	-7.1
1988	C	8861.0	8278.7	-582.3	-6.6
1989	D	13154.6	13298.1	143.5	1.1
1990	C	7951.9	8434.7	482.8	6.1
1991	C	9153.0	8376.2	-776.8	-8.5
1992	C	8816.5	8323.7	-492.8	-5.6
1993	AN	29433.2	29162.3	-270.9	-0.9
	Mean:	19604.6	19388.2	-216.4	-1.4
	Median:	14306.0	14218.7	-205.4	-1.3
	Min:	5822.7	5753.9	-1781.7	-10.6
	Max:	58262.7	59002.6	1285.2	13.3

Sacramento River at Freeport

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	33662.8	33985.4	322.6	1.0
1923	BN	14993.2	14850.1	-143.1	-1.0
1924	C	9874.6	9678.2	-196.3	-2.0
1925	D	14524.3	14738.2	213.9	1.5
1926	D	13361.3	11482.8	-1878.5	-14.1
1927	W	17728.3	17782.9	54.5	0.3
1928	AN	14646.7	15082.0	435.3	3.0
1929	C	10953.9	9850.8	-1103.1	-10.1
1930	D	12153.6	12814.7	661.1	5.4
1931	C	10512.9	8519.6	-1993.4	-19.0
1932	D	17639.7	17848.0	208.4	1.2
1933	C	9810.7	9847.3	36.5	0.4
1934	C	10992.1	10977.8	-14.3	-0.1
1935	BN	18808.3	17919.4	-888.9	-4.7
1936	BN	17344.1	15732.7	-1611.3	-9.3
1937	BN	16921.6	16552.4	-369.2	-2.2
1938	W	34054.6	33980.9	-73.6	-0.2
1939	D	11174.7	12403.7	1229.0	11.0
1940	AN	15614.3	15505.1	-109.2	-0.7
1941	W	18613.2	19067.9	454.7	2.4
1942	W	25103.4	25153.4	50.0	0.2
1943	W	14189.2	14316.5	127.2	0.9
1944	D	15557.9	15642.2	84.3	0.5
1945	BN	17804.4	17750.8	-53.6	-0.3
1946	BN	16929.8	17031.8	102.0	0.6
1947	D	14237.0	14798.1	561.0	3.9
1948	BN	21056.6	21744.8	688.2	3.3
1949	D	16336.3	16332.2	-4.0	0.0
1950	BN	19811.1	20456.9	645.8	3.3
1951	AN	12607.0	13119.3	512.3	4.1
1952	W	37232.4	37494.4	262.1	0.7
1953	W	24842.2	24900.5	58.3	0.2
1954	AN	13873.2	13933.4	60.2	0.4
1955	D	15646.9	15569.2	-77.7	-0.5
1956	W	21637.6	19695.4	-1942.2	-9.0
1957	AN	17639.5	17613.6	-26.0	-0.1
1958	W	30087.7	30218.3	130.6	0.4
1959	BN	14533.0	17012.8	2479.9	17.1
1960	D	13711.5	14664.3	952.8	6.9
1961	D	12243.5	12595.8	352.2	2.9
1962	BN	14556.0	14762.6	206.6	1.4
1963	W	17592.0	18752.9	1160.9	6.6
1964	D	13946.3	13622.1	-324.2	-2.3
1965	W	13548.6	15959.3	2410.7	17.8
1966	BN	13656.3	14380.0	723.7	5.3
1967	W	37229.4	38132.8	903.4	2.4
1968	BN	13550.6	13963.9	413.4	3.1
1969	W	21467.2	21574.2	107.1	0.5
1970	W	12422.4	12473.3	50.9	0.4
1971	W	20570.8	20677.7	106.9	0.5
1972	BN	19558.2	21657.9	2099.7	10.7
1973	AN	17150.1	18349.0	1199.0	7.0
1974	W	20166.4	20175.2	8.7	0.0
1975	W	24168.8	24230.7	62.0	0.3
1976	C	12138.4	13605.9	1467.5	12.1
1977	C	9605.7	10262.7	657.0	6.8
1978	AN	15421.4	14871.1	-550.4	-3.6
1979	BN	18801.7	19243.5	441.9	2.4
1980	AN	12436.6	12204.7	-231.9	-1.9
1981	D	13358.5	14976.1	1617.6	12.1
1982	W	22485.3	21902.2	-583.1	-2.6
1983	W	53070.4	53203.4	133.0	0.3
1984	W	15117.7	12241.2	-2876.5	-19.0
1985	D	13075.3	13121.7	46.4	0.4
1986	W	14168.3	12371.5	-1796.8	-12.7
1987	D	10888.3	11996.7	1108.4	10.2
1988	C	10670.1	10806.3	136.2	1.3
1989	D	12488.0	13062.2	574.2	4.6
1990	C	8435.0	8352.0	-83.0	-1.0
1991	C	8395.5	8087.2	-308.3	-3.7
1992	C	11072.4	12594.2	1521.8	13.7
1993	AN	26262.9	25865.9	-397.0	-1.5
	Mean:	17304.7	17446.4	141.7	1.0
	Median:	15055.4	15293.6	104.5	0.5
	Min:	8395.5	8087.2	-2876.5	-19.0
	Max:	53070.4	53203.4	2479.9	17.8

Sacramento River at Freeport

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	21483.7	21548.6	64.9	0.3
1923	BN	18641.9	20068.6	1426.7	7.7
1924	C	9772.5	9731.1	-41.4	-0.4
1925	D	17719.6	17654.9	-64.8	-0.4
1926	D	16523.7	16402.1	-121.6	-0.7
1927	W	19042.3	21275.9	2233.6	11.7
1928	AN	18785.7	18781.5	-4.2	0.0
1929	C	10870.7	10843.5	-27.2	-0.3
1930	D	17714.2	15904.4	-1809.8	-10.2
1931	C	12524.4	14131.1	1606.7	12.8
1932	D	13301.1	13093.4	-207.7	-1.6
1933	C	11681.5	11144.7	-536.8	-4.6
1934	C	11037.1	11153.8	116.7	1.1
1935	BN	19038.2	18762.9	-275.4	-1.4
1936	BN	18913.8	19105.6	191.8	1.0
1937	BN	15994.8	18725.0	2730.2	17.1
1938	W	19620.4	19658.9	38.5	0.2
1939	D	17445.9	17105.8	-340.1	-1.9
1940	AN	22053.3	22166.5	113.2	0.5
1941	W	21454.6	21073.6	-381.0	-1.8
1942	W	19336.7	20432.0	1095.3	5.7
1943	W	18605.8	18210.4	-395.4	-2.1
1944	D	16492.0	16579.9	87.9	0.5
1945	BN	20544.7	20606.4	61.7	0.3
1946	BN	20333.0	20457.8	124.7	0.6
1947	D	18022.0	16801.9	-1220.1	-6.8
1948	BN	21168.4	21211.5	43.1	0.2
1949	D	19150.6	19508.4	357.8	1.9
1950	BN	20402.4	20612.6	210.2	1.0
1951	AN	22322.9	22220.1	-102.9	-0.5
1952	W	19590.6	19588.5	-2.1	0.0
1953	W	20443.9	19840.5	-603.4	-3.0
1954	AN	21866.4	22122.3	255.9	1.2
1955	D	16715.8	14195.9	-2519.9	-15.1
1956	W	17584.9	15161.9	-2423.0	-13.8
1957	AN	20757.3	22591.8	1834.5	8.8
1958	W	20058.2	20094.5	36.3	0.2
1959	BN	21434.1	22736.6	1302.5	6.1
1960	D	20131.8	18012.2	-2119.6	-10.5
1961	D	19870.4	19132.1	-738.3	-3.7
1962	BN	20847.1	21756.5	909.4	4.4
1963	W	18227.5	20376.4	2148.9	11.8
1964	D	19872.0	19996.2	124.3	0.6
1965	W	19748.7	19042.8	-705.8	-3.6
1966	BN	19671.4	19560.5	-110.9	-0.6
1967	W	15321.2	14996.1	-325.0	-2.1
1968	BN	19080.4	19864.5	784.1	4.1
1969	W	19089.1	19149.6	60.4	0.3
1970	W	23277.3	22573.9	-703.4	-3.0
1971	W	22913.3	24984.3	2071.0	9.0
1972	BN	19856.9	20261.6	404.7	2.0
1973	AN	21932.1	20869.6	-1062.4	-4.8
1974	W	20402.1	20437.8	35.7	0.2
1975	W	20179.4	20274.2	94.8	0.5
1976	C	15344.7	15134.1	-210.6	-1.4
1977	C	12022.7	13068.5	1045.8	8.7
1978	AN	21920.3	21969.3	48.9	0.2
1979	BN	20827.6	18717.0	-2110.5	-10.1
1980	AN	17495.0	19240.6	1745.6	10.0
1981	D	19730.7	19768.1	37.5	0.2
1982	W	19017.5	19054.6	37.1	0.2
1983	W	23924.6	23355.1	-569.6	-2.4
1984	W	20927.7	16887.7	-4040.0	-19.3
1985	D	19560.9	19647.6	86.7	0.4
1986	W	19816.1	20041.5	225.4	1.1
1987	D	15666.8	15646.3	-20.5	-0.1
1988	C	12702.5	11701.1	-1001.3	-7.9
1989	D	19111.3	18067.6	-1043.7	-5.5
1990	C	9967.9	11974.0	2006.2	20.1
1991	C	9705.2	9574.2	-131.0	-1.3
1992	C	11770.9	11566.0	-204.8	-1.7
1993	AN	21943.3	21902.3	-41.0	-0.2
	Mean:	18337.9	18332.1	-5.8	0.1
	Median:	19243.6	19374.5	36.0	0.2
	Min:	9705.2	9574.2	-4040.0	-19.3
	Max:	23924.6	24984.3	2730.2	20.1

Sacramento River at Freeport

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	13565.5	15666.5	2101.0	15.5
1923	BN	15499.8	16047.7	547.9	3.5
1924	C	9033.5	9392.7	359.2	4.0
1925	D	11736.5	10161.9	-1574.6	-13.4
1926	D	14257.6	13519.7	-738.0	-5.2
1927	W	15891.2	16012.6	121.4	0.8
1928	AN	13681.4	14245.3	563.9	4.1
1929	C	7826.8	7957.5	130.7	1.7
1930	D	15221.3	14311.2	-910.1	-6.0
1931	C	10822.6	10466.4	-356.2	-3.3
1932	D	10651.0	10348.9	-302.1	-2.8
1933	C	8093.3	7954.0	-139.3	-1.7
1934	C	7904.0	7940.1	36.2	0.5
1935	BN	17072.7	16000.7	-1072.1	-6.3
1936	BN	15984.7	17983.9	1999.3	12.5
1937	BN	15354.2	11178.9	-4175.2	-27.2
1938	W	13528.1	14115.9	587.8	4.3
1939	D	14415.0	14588.1	173.1	1.2
1940	AN	16248.1	16901.0	652.9	4.0
1941	W	15810.0	15388.8	-421.2	-2.7
1942	W	15326.1	15448.4	122.4	0.8
1943	W	16007.9	15619.3	-388.6	-2.4
1944	D	16021.7	15401.3	-620.4	-3.9
1945	BN	15653.9	16376.1	722.2	4.6
1946	BN	16476.2	16310.1	-166.0	-1.0
1947	D	14113.2	14663.6	550.4	3.9
1948	BN	16863.2	16897.5	34.3	0.2
1949	D	13617.1	10921.1	-2696.0	-19.8
1950	BN	16696.9	18157.5	1460.5	8.7
1951	AN	16749.0	16879.5	130.5	0.8
1952	W	15268.7	15870.3	601.6	3.9
1953	W	15733.6	16035.4	301.8	1.9
1954	AN	16282.5	16880.3	597.7	3.7
1955	D	12259.1	9666.2	-2592.9	-21.2
1956	W	15407.2	15648.4	241.2	1.6
1957	AN	16773.9	15208.8	-1565.1	-9.3
1958	W	15169.9	16226.1	1056.2	7.0
1959	BN	15948.0	16515.6	567.7	3.6
1960	D	12574.8	9483.7	-3091.1	-24.6
1961	D	15088.8	13654.9	-1433.9	-9.5
1962	BN	17073.5	17149.8	76.3	0.4
1963	W	15775.7	15911.6	135.9	0.9
1964	D	16025.7	18888.2	2862.5	17.9
1965	W	15784.9	16432.5	647.6	4.1
1966	BN	15429.8	16065.8	636.0	4.1
1967	W	15180.9	15709.6	528.8	3.5
1968	BN	15265.9	15842.7	576.8	3.8
1969	W	13905.5	14040.6	135.0	1.0
1970	W	15507.7	15966.6	458.9	3.0
1971	W	15972.7	16154.1	181.4	1.1
1972	BN	14920.5	14835.8	-84.7	-0.6
1973	AN	16047.9	15699.5	-348.3	-2.2
1974	W	15776.1	16210.6	434.5	2.8
1975	W	15103.8	15246.3	142.5	0.9
1976	C	11121.1	11787.9	666.8	6.0
1977	C	11164.7	10994.0	-170.7	-1.5
1978	AN	16185.9	14184.4	-2001.5	-12.4
1979	BN	16003.0	16840.4	837.4	5.2
1980	AN	16891.3	16893.0	1.7	0.0
1981	D	14424.5	17132.3	2707.8	18.8
1982	W	13890.8	14770.3	879.5	6.3
1983	W	19502.5	21319.1	1816.6	9.3
1984	W	16149.1	12921.2	-3227.9	-20.0
1985	D	16669.8	16712.4	42.7	0.3
1986	W	17348.8	13134.8	-4214.0	-24.3
1987	D	12848.8	13441.3	592.5	4.6
1988	C	8668.7	8108.9	-559.8	-6.5
1989	D	15874.1	15659.4	-214.8	-1.4
1990	C	11156.3	8013.0	-3143.3	-28.2
1991	C	12627.0	11439.7	-1187.3	-9.4
1992	C	9792.8	8083.6	-1709.2	-17.5
1993	AN	16276.8	16069.8	-207.1	-1.3
	Mean:	14513.8	14357.0	-156.8	-1.4
	Median:	15380.7	15533.9	126.5	0.8
	Min:	7826.8	7940.1	-4214.0	-28.2
	Max:	19502.5	21319.1	2862.5	18.8

Sacramento River at Freeport

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	11704.0	13808.5	2104.5	18.0
1923	BN	11209.7	12855.6	1645.8	14.7
1924	C	6976.9	6867.0	-109.9	-1.6
1925	D	9403.7	10618.5	1214.8	12.9
1926	D	9274.3	8787.4	-486.8	-5.2
1927	W	11005.2	12768.8	1763.6	16.0
1928	AN	12057.0	12418.4	361.4	3.0
1929	C	7910.6	7887.7	-22.9	-0.3
1930	D	9513.8	11712.6	2198.7	23.1
1931	C	7008.8	6904.1	-104.7	-1.5
1932	D	9637.6	9652.1	14.5	0.2
1933	C	7030.5	7908.7	878.2	12.5
1934	C	7059.5	7907.7	848.2	12.0
1935	BN	12425.2	13460.9	1035.7	8.3
1936	BN	11651.0	11472.6	-178.4	-1.5
1937	BN	10861.8	10640.3	-221.4	-2.0
1938	W	14921.3	14516.7	-404.6	-2.7
1939	D	12182.2	11512.6	-669.6	-5.5
1940	AN	11617.0	14228.6	2611.6	22.5
1941	W	16331.1	15830.4	-500.7	-3.1
1942	W	15206.8	16662.6	1455.9	9.6
1943	W	11628.4	12917.6	1289.2	11.1
1944	D	12269.1	12034.4	-234.7	-1.9
1945	BN	11674.4	11532.6	-141.8	-1.2
1946	BN	11880.1	14523.4	2643.4	22.3
1947	D	12474.3	10726.1	-1748.2	-14.0
1948	BN	13446.4	15012.9	1566.6	11.7
1949	D	11560.6	11619.0	58.4	0.5
1950	BN	11299.6	11964.7	665.2	5.9
1951	AN	12615.0	13707.1	1092.1	8.7
1952	W	17790.8	19279.3	1488.6	8.4
1953	W	17469.8	18618.7	1148.9	6.6
1954	AN	12659.5	14660.4	2000.9	15.8
1955	D	10339.4	11287.9	948.4	9.2
1956	W	16029.0	17276.7	1247.7	7.8
1957	AN	12839.3	12271.9	-567.4	-4.4
1958	W	17784.7	19362.7	1578.0	8.9
1959	BN	11253.9	12703.0	1449.0	12.9
1960	D	11455.5	10204.1	-1251.4	-10.9
1961	D	12211.5	11548.3	-663.2	-5.4
1962	BN	13786.3	13940.4	154.2	1.1
1963	W	12880.8	13008.9	128.0	1.0
1964	D	12627.0	12581.2	-45.8	-0.4
1965	W	10749.9	13303.1	2553.2	23.8
1966	BN	12646.5	12049.1	-597.4	-4.7
1967	W	18936.5	20992.2	2055.8	10.9
1968	BN	12135.7	12939.4	803.8	6.6
1969	W	16533.0	15369.8	-1163.2	-7.0
1970	W	13526.9	14896.6	1369.7	10.1
1971	W	16739.5	18321.7	1582.2	9.5
1972	BN	11086.5	11407.8	321.2	2.9
1973	AN	12070.1	12004.8	-65.3	-0.5
1974	W	19228.3	20608.3	1380.0	7.2
1975	W	18191.1	19589.5	1398.4	7.7
1976	C	10955.0	10560.3	-394.6	-3.6
1977	C	6778.2	6710.4	-67.8	-1.0
1978	AN	14178.1	13062.4	-1115.8	-7.9
1979	BN	11361.8	11554.4	192.6	1.7
1980	AN	11803.9	13680.5	1876.6	15.9
1981	D	12294.4	11677.0	-617.4	-5.0
1982	W	15454.5	16454.4	999.9	6.5
1983	W	24096.6	26315.2	2218.7	9.2
1984	W	13240.2	10323.1	-2917.1	-22.0
1985	D	15362.5	15348.1	-14.5	-0.1
1986	W	11833.6	11795.9	-37.7	-0.3
1987	D	11838.0	11185.1	-652.9	-5.5
1988	C	7259.5	5811.4	-1448.1	-19.9
1989	D	12283.9	12107.9	-176.0	-1.4
1990	C	7984.3	7956.3	-27.9	-0.3
1991	C	8034.7	8683.2	648.5	8.1
1992	C	9601.1	8383.9	-1217.1	-12.7
1993	AN	13189.3	13650.2	460.9	3.5
	Mean:	12393.8	12860.3	466.5	3.5
	Median:	12063.5	12345.1	256.9	2.3
	Min:	6778.2	5811.4	-2917.1	-22.0
	Max:	24096.6	26315.2	2643.4	23.8

Delta X2 Location

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	74.9	74.9	0.0	0.0
1923	BN	88.0	86.0	-2.0	-2.3
1924	C	87.9	86.6	-1.3	-1.5
1925	D	89.1	89.1	0.0	0.0
1926	D	87.7	87.7	0.0	0.0
1927	W	88.2	88.0	-0.2	-0.2
1928	AN	88.2	86.9	-1.3	-1.5
1929	C	88.5	88.5	0.0	0.0
1930	D	88.8	88.7	-0.1	-0.1
1931	C	88.0	88.1	0.1	0.1
1932	D	89.5	89.5	0.0	0.0
1933	C	88.4	88.5	0.0	0.0
1934	C	88.6	88.6	0.1	0.1
1935	BN	88.7	88.7	0.0	0.0
1936	BN	88.2	87.3	-0.9	-1.0
1937	BN	88.6	87.7	-0.8	-0.9
1938	W	88.4	87.8	-0.6	-0.7
1939	D	84.0	84.6	0.5	0.6
1940	AN	89.0	89.0	0.0	0.0
1941	W	88.1	85.7	-2.4	-2.7
1942	W	83.0	83.2	0.2	0.2
1943	W	84.7	82.2	-2.5	-3.0
1944	D	88.3	87.3	-1.0	-1.1
1945	BN	89.3	88.2	-1.1	-1.2
1946	BN	88.5	88.1	-0.4	-0.5
1947	D	88.6	86.5	-2.1	-2.4
1948	BN	89.2	88.3	-0.8	-0.9
1949	D	87.2	86.0	-1.2	-1.4
1950	BN	88.3	88.0	-0.3	-0.3
1951	AN	88.0	86.7	-1.3	-1.5
1952	W	87.7	86.8	-0.9	-1.0
1953	W	80.7	78.7	-2.0	-2.5
1954	AN	82.8	81.0	-1.7	-2.1
1955	D	88.0	86.3	-1.7	-1.9
1956	W	88.4	88.3	-0.2	-0.2
1957	AN	83.2	81.2	-2.0	-2.4
1958	W	87.2	87.6	0.3	0.3
1959	BN	81.1	78.7	-2.3	-2.8
1960	D	87.2	86.1	-1.0	-1.1
1961	D	89.0	87.9	-1.1	-1.2
1962	BN	88.9	88.9	0.1	0.1
1963	W	87.2	87.1	-0.1	-0.1
1964	D	86.5	86.5	0.0	0.0
1965	W	88.3	87.7	-0.6	-0.7
1966	BN	88.2	86.0	-2.2	-2.5
1967	W	87.9	88.3	0.4	0.5
1968	BN	78.9	77.2	-1.7	-2.2
1969	W	88.7	87.9	-0.8	-0.9
1970	W	81.6	82.9	1.3	1.6
1971	W	87.0	85.9	-1.1	-1.3
1972	BN	83.6	81.1	-2.4	-2.9
1973	AN	88.6	87.7	-0.9	-1.0
1974	W	87.7	87.9	0.1	0.1
1975	W	80.4	78.7	-1.7	-2.1
1976	C	81.2	79.6	-1.6	-2.0
1977	C	89.5	89.5	0.0	0.0
1978	AN	89.4	89.5	0.1	0.1
1979	BN	85.6	86.6	1.0	1.2
1980	AN	88.6	88.2	-0.4	-0.5
1981	D	86.3	85.1	-1.3	-1.5
1982	W	88.6	88.5	0.0	0.0
1983	W	80.6	79.4	-1.2	-1.5
1984	W	70.1	68.8	-1.3	-1.9
1985	D	87.2	88.4	1.1	1.3
1986	W	85.7	85.7	0.0	0.0
1987	D	86.2	86.4	0.2	0.2
1988	C	89.3	89.2	-0.1	-0.1
1989	D	88.6	88.7	0.1	0.1
1990	C	87.5	87.8	0.3	0.3
1991	C	88.8	88.7	-0.1	-0.1
1992	C	88.7	88.8	0.1	0.1
1993	AN	89.3	88.7	-0.6	-0.7
	Mean:	86.6	86.0	-0.6	-0.7
	Median:	88.0	87.6	-0.4	-0.5
	Min:	70.1	68.8	-2.5	-3.0
	Max:	89.5	89.5	1.3	1.6

Delta X2 Location

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	83.2	83.2	0.0	0.0
1923	BN	87.5	86.8	-0.6	-0.7
1924	C	87.3	87.0	-0.3	-0.3
1925	D	88.9	88.8	-0.1	-0.1
1926	D	87.4	87.4	0.0	0.0
1927	W	87.5	87.5	-0.1	-0.1
1928	AN	86.9	87.1	0.2	0.2
1929	C	86.1	86.4	0.3	0.3
1930	D	88.4	88.4	0.0	0.0
1931	C	87.5	87.5	0.0	0.0
1932	D	87.8	88.6	0.8	0.9
1933	C	87.6	87.5	-0.1	-0.1
1934	C	89.4	89.2	-0.2	-0.2
1935	BN	88.8	88.8	0.0	0.0
1936	BN	86.3	85.9	-0.4	-0.5
1937	BN	86.8	87.4	0.6	0.7
1938	W	87.6	87.4	-0.2	-0.2
1939	D	78.0	79.2	1.2	1.5
1940	AN	84.6	85.7	1.1	1.3
1941	W	86.8	86.7	-0.1	-0.1
1942	W	84.0	85.0	1.0	1.2
1943	W	81.6	83.2	1.7	2.1
1944	D	87.6	87.2	-0.3	-0.3
1945	BN	84.6	86.7	2.2	2.6
1946	BN	87.6	87.5	-0.1	-0.1
1947	D	84.9	87.0	2.1	2.5
1948	BN	84.8	87.3	2.5	2.9
1949	D	84.9	85.5	0.5	0.6
1950	BN	86.8	87.0	0.2	0.2
1951	AN	86.8	87.0	0.2	0.2
1952	W	86.7	87.0	0.2	0.2
1953	W	75.7	77.1	1.5	2.0
1954	AN	85.3	85.1	-0.2	-0.2
1955	D	85.1	85.6	0.5	0.6
1956	W	86.6	86.7	0.1	0.1
1957	AN	79.4	81.3	1.9	2.4
1958	W	81.7	81.6	-0.2	-0.2
1959	BN	77.4	79.7	2.3	3.0
1960	D	86.3	86.9	0.5	0.6
1961	D	84.2	87.0	2.8	3.3
1962	BN	84.6	85.5	0.9	1.1
1963	W	72.8	72.7	-0.1	-0.1
1964	D	85.9	85.7	-0.1	-0.1
1965	W	85.0	86.7	1.7	2.0
1966	BN	87.5	86.8	-0.7	-0.8
1967	W	84.8	85.4	0.6	0.7
1968	BN	74.7	76.0	1.2	1.6
1969	W	84.3	85.2	0.9	1.1
1970	W	76.9	78.3	1.5	2.0
1971	W	87.1	86.8	-0.4	-0.5
1972	BN	84.5	84.2	-0.4	-0.5
1973	AN	86.0	86.8	0.8	0.9
1974	W	87.4	87.4	0.0	0.0
1975	W	80.7	83.8	3.1	3.8
1976	C	77.8	79.5	1.8	2.3
1977	C	86.7	87.1	0.4	0.5
1978	AN	88.3	88.1	-0.2	-0.2
1979	BN	86.7	87.0	0.3	0.3
1980	AN	86.5	87.5	1.0	1.2
1981	D	86.1	86.5	0.5	0.6
1982	W	83.9	85.3	1.4	1.7
1983	W	72.3	73.2	0.9	1.2
1984	W	66.1	68.0	1.9	2.9
1985	D	86.9	87.5	0.6	0.7
1986	W	85.5	86.3	0.8	0.9
1987	D	86.9	87.0	0.1	0.1
1988	C	84.9	85.5	0.6	0.7
1989	D	88.6	88.6	0.1	0.1
1990	C	85.3	85.6	0.3	0.4
1991	C	89.9	89.3	-0.6	-0.7
1992	C	89.7	89.4	-0.4	-0.4
1993	AN	87.7	88.9	1.2	1.4
	Mean:	84.7	85.3	0.6	0.7
	Median:	86.2	86.8	0.3	0.4
	Min:	66.1	68.0	-0.7	-0.8
	Max:	89.9	89.4	3.1	3.8

Delta X2 Location

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	85.0	85.0	0.0	0.0
1923	BN	83.2	83.7	0.5	0.6
1924	C	82.8	83.5	0.6	0.7
1925	D	85.8	85.5	-0.3	-0.3
1926	D	84.9	84.7	-0.1	-0.1
1927	W	79.2	78.5	-0.7	-0.9
1928	AN	79.9	81.4	1.6	2.0
1929	C	83.9	83.7	-0.2	-0.2
1930	D	85.4	85.6	0.2	0.2
1931	C	84.4	84.9	0.5	0.6
1932	D	85.9	85.1	-0.8	-0.9
1933	C	85.2	85.3	0.1	0.1
1934	C	84.7	84.8	0.2	0.2
1935	BN	84.1	83.7	-0.4	-0.5
1936	BN	83.7	84.8	1.2	1.4
1937	BN	83.4	84.5	1.1	1.3
1938	W	77.4	77.1	-0.2	-0.3
1939	D	83.2	83.7	0.5	0.6
1940	AN	85.5	85.8	0.4	0.5
1941	W	82.8	83.6	0.8	1.0
1942	W	85.2	85.6	0.3	0.4
1943	W	80.8	84.3	3.5	4.3
1944	D	83.4	84.4	1.0	1.2
1945	BN	83.2	82.9	-0.3	-0.4
1946	BN	82.0	82.3	0.3	0.4
1947	D	83.9	82.7	-1.2	-1.4
1948	BN	85.5	84.1	-1.4	-1.6
1949	D	83.9	84.1	0.2	0.2
1950	BN	84.4	84.3	-0.1	-0.1
1951	AN	69.1	69.2	0.1	0.1
1952	W	82.1	82.2	0.1	0.1
1953	W	80.7	83.0	2.3	2.8
1954	AN	82.0	84.1	2.2	2.7
1955	D	83.1	82.5	-0.6	-0.7
1956	W	84.4	84.7	0.3	0.4
1957	AN	83.8	84.4	0.6	0.7
1958	W	84.5	84.5	-0.1	-0.1
1959	BN	82.8	83.9	1.1	1.3
1960	D	83.4	83.9	0.5	0.6
1961	D	84.9	83.1	-1.8	-2.1
1962	BN	85.4	84.4	-1.0	-1.2
1963	W	79.7	81.5	1.8	2.3
1964	D	75.5	75.8	0.3	0.4
1965	W	83.9	82.4	-1.5	-1.8
1966	BN	76.7	78.7	2.0	2.6
1967	W	83.4	82.6	-0.8	-1.0
1968	BN	80.2	82.6	2.4	3.0
1969	W	84.6	83.9	-0.7	-0.8
1970	W	79.8	83.4	3.6	4.5
1971	W	80.0	79.6	-0.4	-0.5
1972	BN	84.2	85.3	1.1	1.3
1973	AN	79.1	79.4	0.4	0.5
1974	W	67.2	67.6	0.3	0.4
1975	W	82.3	85.2	2.8	3.4
1976	C	80.9	83.8	2.9	3.6
1977	C	86.8	86.5	-0.3	-0.3
1978	AN	85.5	85.6	0.1	0.1
1979	BN	84.9	84.0	-0.9	-1.1
1980	AN	82.8	82.6	-0.2	-0.2
1981	D	84.1	85.8	1.7	2.0
1982	W	72.0	72.4	0.4	0.6
1983	W	65.2	65.6	0.4	0.6
1984	W	57.4	57.9	0.5	0.9
1985	D	73.1	73.9	0.8	1.1
1986	W	84.7	84.2	-0.5	-0.6
1987	D	84.4	85.0	0.6	0.7
1988	C	85.5	85.7	0.2	0.2
1989	D	84.8	84.6	-0.2	-0.2
1990	C	84.0	84.2	0.2	0.2
1991	C	84.6	84.5	-0.1	-0.1
1992	C	85.0	85.3	0.3	0.4
1993	AN	86.2	85.2	-1.0	-1.2
	Mean:	81.9	82.3	0.4	0.5
	Median:	83.7	84.0	0.3	0.3
	Min:	57.4	57.9	-1.8	-2.1
	Max:	86.8	86.5	3.6	4.5

Delta X2 Location

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	79.5	78.8	-0.7	-0.9
1923	BN	70.5	71.1	0.6	0.9
1924	C	84.9	85.1	0.2	0.2
1925	D	80.9	80.4	-0.5	-0.6
1926	D	84.3	84.3	0.0	0.0
1927	W	78.2	78.3	0.2	0.3
1928	AN	80.3	81.1	0.8	1.0
1929	C	82.9	82.6	-0.2	-0.2
1930	D	80.3	80.3	0.1	0.1
1931	C	85.4	84.4	-1.0	-1.2
1932	D	76.7	76.0	-0.7	-0.9
1933	C	84.4	85.0	0.6	0.7
1934	C	82.9	82.2	-0.7	-0.8
1935	BN	85.0	84.6	-0.4	-0.5
1936	BN	85.2	84.2	-1.0	-1.2
1937	BN	85.0	84.2	-0.8	-0.9
1938	W	63.5	63.1	-0.4	-0.6
1939	D	81.5	83.2	1.7	2.1
1940	AN	85.7	85.3	-0.4	-0.5
1941	W	68.1	68.6	0.4	0.6
1942	W	65.8	66.4	0.6	0.9
1943	W	72.1	74.1	2.0	2.8
1944	D	85.1	83.9	-1.1	-1.3
1945	BN	79.7	79.6	-0.1	-0.1
1946	BN	64.3	64.5	0.2	0.3
1947	D	82.1	81.3	-0.8	-1.0
1948	BN	85.1	85.3	0.2	0.2
1949	D	82.9	82.7	-0.2	-0.2
1950	BN	84.2	85.0	0.9	1.1
1951	AN	56.7	56.9	0.2	0.4
1952	W	68.5	68.6	0.1	0.1
1953	W	67.1	68.4	1.3	1.9
1954	AN	84.0	82.8	-1.2	-1.4
1955	D	75.8	75.3	-0.5	-0.7
1956	W	62.1	62.5	0.3	0.5
1957	AN	84.1	84.7	0.5	0.6
1958	W	77.1	77.0	0.0	0.0
1959	BN	83.9	84.0	0.1	0.1
1960	D	85.1	85.2	0.1	0.1
1961	D	80.9	81.2	0.3	0.4
1962	BN	81.5	81.7	0.3	0.4
1963	W	73.7	74.3	0.6	0.8
1964	D	81.2	82.2	1.0	1.2
1965	W	64.0	63.6	-0.4	-0.6
1966	BN	76.6	78.7	2.1	2.7
1967	W	70.0	69.6	-0.4	-0.6
1968	BN	80.2	81.9	1.7	2.1
1969	W	76.2	75.9	-0.3	-0.4
1970	W	64.8	66.0	1.3	2.0
1971	W	64.6	64.7	0.1	0.2
1972	BN	79.8	81.0	1.2	1.5
1973	AN	73.5	74.7	1.2	1.6
1974	W	59.8	59.9	0.1	0.2
1975	W	80.6	81.3	0.7	0.9
1976	C	82.0	83.1	1.1	1.3
1977	C	85.0	85.7	0.7	0.8
1978	AN	82.3	81.9	-0.4	-0.5
1979	BN	83.7	83.1	-0.6	-0.7
1980	AN	78.1	77.8	-0.3	-0.4
1981	D	81.9	81.4	-0.5	-0.6
1982	W	58.8	59.1	0.3	0.5
1983	W	56.9	57.0	0.1	0.2
1984	W	49.3	49.5	0.2	0.4
1985	D	73.7	74.0	0.3	0.4
1986	W	80.4	80.6	0.3	0.4
1987	D	83.8	83.6	-0.3	-0.4
1988	C	80.9	80.6	-0.2	-0.2
1989	D	84.5	84.7	0.3	0.4
1990	C	84.7	84.6	-0.1	-0.1
1991	C	86.0	86.0	0.0	0.0
1992	C	86.1	84.2	-2.0	-2.3
1993	AN	82.9	82.8	-0.1	-0.1
	Mean:	77.2	77.3	0.1	0.2
	Median:	80.7	81.1	0.1	0.2
	Min:	49.3	49.5	-2.0	-2.3
	Max:	86.1	86.0	2.1	2.8

Delta X2 Location

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	78.8	78.2	-0.6	-0.8
1923	BN	66.9	68.0	1.1	1.6
1924	C	82.1	81.9	-0.2	-0.2
1925	D	81.1	81.2	0.1	0.1
1926	D	79.9	79.6	-0.3	-0.4
1927	W	70.1	69.5	-0.7	-1.0
1928	AN	74.2	75.1	1.0	1.3
1929	C	82.0	81.8	-0.3	-0.4
1930	D	76.5	76.5	0.0	0.0
1931	C	81.8	81.3	-0.5	-0.6
1932	D	74.0	74.3	0.3	0.4
1933	C	79.0	77.1	-1.9	-2.4
1934	C	78.5	77.7	-0.8	-1.0
1935	BN	72.3	72.4	0.1	0.1
1936	BN	70.2	70.0	-0.2	-0.3
1937	BN	81.7	81.3	-0.4	-0.5
1938	W	63.9	63.7	-0.2	-0.3
1939	D	79.6	81.1	1.6	2.0
1940	AN	71.5	71.5	0.0	0.0
1941	W	56.7	56.9	0.2	0.4
1942	W	57.0	57.7	0.7	1.2
1943	W	58.9	59.6	0.7	1.2
1944	D	81.4	81.0	-0.4	-0.5
1945	BN	80.7	80.6	0.0	0.0
1946	BN	61.3	61.4	0.1	0.2
1947	D	81.5	81.2	-0.3	-0.4
1948	BN	81.6	81.2	-0.4	-0.5
1949	D	82.0	81.6	-0.4	-0.5
1950	BN	77.2	78.1	0.9	1.2
1951	AN	55.5	55.6	0.1	0.2
1952	W	57.6	57.9	0.3	0.5
1953	W	55.9	56.4	0.5	0.9
1954	AN	71.9	71.4	-0.4	-0.6
1955	D	74.7	74.7	-0.1	-0.1
1956	W	50.6	50.8	0.2	0.4
1957	AN	82.4	81.3	-1.0	-1.2
1958	W	67.7	67.7	0.0	0.0
1959	BN	70.9	71.4	0.5	0.7
1960	D	82.4	82.1	-0.3	-0.4
1961	D	81.1	81.2	0.1	0.1
1962	BN	81.4	82.3	0.9	1.1
1963	W	76.0	76.1	0.0	0.0
1964	D	74.5	74.9	0.4	0.5
1965	W	53.9	54.1	0.2	0.4
1966	BN	69.8	70.9	1.1	1.6
1967	W	62.6	62.8	0.2	0.3
1968	BN	70.7	71.6	0.9	1.3
1969	W	57.7	57.7	0.0	0.0
1970	W	49.4	49.7	0.4	0.8
1971	W	61.6	61.7	0.1	0.2
1972	BN	77.7	80.3	2.6	3.3
1973	AN	59.7	60.2	0.5	0.8
1974	W	51.8	51.7	0.0	0.0
1975	W	79.1	81.0	1.9	2.4
1976	C	82.6	80.8	-1.8	-2.2
1977	C	84.3	84.5	0.2	0.2
1978	AN	64.6	64.5	-0.1	-0.2
1979	BN	74.0	74.9	0.9	1.2
1980	AN	59.6	59.5	-0.1	-0.2
1981	D	76.5	76.2	-0.3	-0.4
1982	W	55.3	55.6	0.2	0.4
1983	W	52.2	52.2	0.0	0.0
1984	W	53.3	52.5	-0.7	-1.3
1985	D	78.7	78.8	0.1	0.1
1986	W	74.6	74.7	0.2	0.3
1987	D	81.3	80.6	-0.7	-0.9
1988	C	72.9	72.9	-0.1	-0.1
1989	D	81.1	81.5	0.3	0.4
1990	C	79.1	78.9	-0.2	-0.3
1991	C	84.9	84.8	-0.1	-0.1
1992	C	83.0	84.0	1.0	1.2
1993	AN	64.7	64.8	0.1	0.2
	Mean:	71.4	71.5	0.1	0.2
	Median:	74.3	74.8	0.1	0.1
	Min:	49.4	49.7	-1.9	-2.4
	Max:	84.9	84.8	2.6	3.3

Delta X2 Location

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	67.3	67.5	0.2	0.3
1923	BN	70.5	70.8	0.3	0.4
1924	C	79.5	78.8	-0.7	-0.9
1925	D	64.2	64.4	0.2	0.3
1926	D	68.0	67.7	-0.3	-0.4
1927	W	55.2	55.1	-0.1	-0.2
1928	AN	71.1	71.4	0.2	0.3
1929	C	79.1	78.5	-0.6	-0.8
1930	D	74.2	74.5	0.3	0.4
1931	C	80.4	80.3	-0.1	-0.1
1932	D	71.8	72.1	0.3	0.4
1933	C	79.9	78.1	-1.8	-2.3
1934	C	74.5	74.1	-0.4	-0.5
1935	BN	74.3	74.2	-0.2	-0.3
1936	BN	59.3	59.2	-0.1	-0.2
1937	BN	67.5	67.3	-0.2	-0.3
1938	W	52.0	52.0	0.0	0.0
1939	D	78.5	79.7	1.1	1.4
1940	AN	61.4	61.5	0.1	0.2
1941	W	51.1	51.3	0.1	0.2
1942	W	50.0	50.3	0.3	0.6
1943	W	57.8	58.0	0.2	0.3
1944	D	73.4	73.3	-0.1	-0.1
1945	BN	66.6	66.5	-0.1	-0.2
1946	BN	64.8	64.8	0.0	0.0
1947	D	76.8	76.8	-0.1	-0.1
1948	BN	77.5	77.3	-0.1	-0.1
1949	D	79.9	79.8	-0.2	-0.3
1950	BN	69.1	69.5	0.4	0.6
1951	AN	55.0	55.0	0.0	0.0
1952	W	55.2	55.4	0.2	0.4
1953	W	63.8	63.8	0.0	0.0
1954	AN	62.3	62.1	-0.2	-0.3
1955	D	75.1	75.1	0.0	0.0
1956	W	51.9	51.9	-0.1	-0.2
1957	AN	71.0	70.6	-0.4	-0.6
1958	W	51.6	51.9	0.2	0.4
1959	BN	63.2	63.2	0.0	0.0
1960	D	73.0	73.2	0.2	0.3
1961	D	74.0	73.3	-0.7	-0.9
1962	BN	66.9	67.4	0.5	0.7
1963	W	61.9	61.6	-0.3	-0.5
1964	D	75.2	75.3	0.1	0.1
1965	W	61.2	61.4	0.1	0.2
1966	BN	69.0	69.3	0.3	0.4
1967	W	59.6	60.0	0.4	0.7
1968	BN	61.2	61.6	0.3	0.5
1969	W	50.7	50.8	0.1	0.2
1970	W	51.9	52.2	0.3	0.6
1971	W	64.6	64.6	0.0	0.0
1972	BN	73.7	74.9	1.1	1.5
1973	AN	54.4	54.6	0.2	0.4
1974	W	58.7	58.9	0.2	0.3
1975	W	63.7	64.2	0.6	0.9
1976	C	80.3	79.4	-0.9	-1.1
1977	C	82.1	82.2	0.0	0.0
1978	AN	59.9	60.0	0.1	0.2
1979	BN	64.4	65.6	1.2	1.9
1980	AN	51.4	51.4	0.0	0.0
1981	D	72.2	72.5	0.3	0.4
1982	W	52.1	52.2	0.1	0.2
1983	W	46.6	46.7	0.1	0.2
1984	W	58.6	57.6	-1.0	-1.7
1985	D	77.2	77.2	0.1	0.1
1986	W	52.7	52.7	0.0	0.0
1987	D	77.1	76.4	-0.7	-0.9
1988	C	74.6	74.6	0.0	0.0
1989	D	80.1	80.2	0.1	0.1
1990	C	76.5	76.5	-0.1	-0.1
1991	C	82.1	82.3	0.2	0.2
1992	C	72.3	72.5	0.2	0.3
1993	AN	60.1	60.2	0.1	0.2
	Mean:	66.5	66.5	0.0	0.1
	Median:	67.1	67.3	0.1	0.1
	Min:	46.6	46.7	-1.8	-2.3
	Max:	82.1	82.3	1.2	1.9

Delta X2 Location

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	65.8	65.9	0.1	0.2
1923	BN	73.6	74.1	0.5	0.7
1924	C	77.6	77.4	-0.2	-0.3
1925	D	65.0	65.0	0.0	0.0
1926	D	74.0	74.0	0.0	0.0
1927	W	58.9	59.1	0.1	0.2
1928	AN	57.5	57.7	0.1	0.2
1929	C	77.9	77.7	-0.2	-0.3
1930	D	69.8	69.2	-0.5	-0.7
1931	C	81.7	81.6	0.0	0.0
1932	D	74.1	74.2	0.1	0.1
1933	C	77.1	76.6	-0.6	-0.8
1934	C	75.0	74.9	-0.1	-0.1
1935	BN	70.1	68.7	-1.5	-2.1
1936	BN	63.6	63.6	0.0	0.0
1937	BN	61.9	61.8	-0.2	-0.3
1938	W	47.1	47.2	0.0	0.0
1939	D	76.8	77.2	0.4	0.5
1940	AN	53.8	53.5	-0.3	-0.6
1941	W	51.6	51.7	0.1	0.2
1942	W	62.2	62.4	0.3	0.5
1943	W	54.0	54.1	0.0	0.0
1944	D	72.0	72.2	0.2	0.3
1945	BN	67.9	67.4	-0.5	-0.7
1946	BN	69.3	70.4	1.1	1.6
1947	D	73.7	73.8	0.1	0.1
1948	BN	76.9	76.2	-0.7	-0.9
1949	D	67.7	67.6	-0.1	-0.1
1950	BN	71.4	71.6	0.2	0.3
1951	AN	62.4	62.4	0.0	0.0
1952	W	55.5	55.7	0.2	0.4
1953	W	68.9	68.8	-0.1	-0.1
1954	AN	61.0	60.9	-0.1	-0.2
1955	D	78.6	78.5	-0.1	-0.1
1956	W	59.1	59.2	0.2	0.3
1957	AN	64.5	64.3	-0.2	-0.3
1958	W	51.3	51.6	0.2	0.4
1959	BN	66.6	66.6	0.0	0.0
1960	D	72.7	72.7	0.0	0.0
1961	D	74.2	73.9	-0.3	-0.4
1962	BN	68.7	68.9	0.2	0.3
1963	W	64.5	64.5	0.0	0.0
1964	D	77.5	77.6	0.1	0.1
1965	W	66.9	66.9	0.0	0.0
1966	BN	69.2	69.4	0.2	0.3
1967	W	58.2	58.3	0.1	0.2
1968	BN	62.9	63.2	0.3	0.5
1969	W	54.6	54.8	0.3	0.5
1970	W	59.1	59.1	0.1	0.2
1971	W	62.8	62.8	0.0	0.0
1972	BN	68.8	69.1	0.4	0.6
1973	AN	56.5	56.4	-0.1	-0.2
1974	W	53.0	53.0	0.1	0.2
1975	W	56.1	56.3	0.2	0.4
1976	C	78.3	77.5	-0.9	-1.1
1977	C	82.3	82.3	0.0	0.0
1978	AN	56.7	56.7	0.0	0.0
1979	BN	64.0	64.5	0.4	0.6
1980	AN	55.3	55.5	0.2	0.4
1981	D	69.5	69.9	0.4	0.6
1982	W	52.7	52.7	0.0	0.0
1983	W	42.0	42.1	0.0	0.0
1984	W	62.5	60.9	-1.6	-2.6
1985	D	76.3	75.6	-0.7	-0.9
1986	W	48.4	48.6	0.2	0.4
1987	D	71.7	71.4	-0.3	-0.4
1988	C	77.9	77.9	0.0	0.0
1989	D	68.4	67.4	-1.0	-1.5
1990	C	78.8	78.5	-0.4	-0.5
1991	C	72.5	72.2	-0.3	-0.4
1992	C	73.2	73.4	0.2	0.3
1993	AN	60.8	60.2	-0.6	-1.0
	Mean:	66.0	66.0	-0.1	-0.1
	Median:	67.3	67.1	0.0	0.0
	Min:	42.0	42.1	-1.6	-2.6
	Max:	82.3	82.3	1.1	1.6

Delta X2 Location

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	66.5	66.5	0.0	0.0
1923	BN	68.8	68.7	-0.1	-0.1
1924	C	81.0	81.0	0.0	0.0
1925	D	67.3	67.4	0.1	0.1
1926	D	70.3	69.9	-0.3	-0.4
1927	W	59.2	59.2	0.0	0.0
1928	AN	63.0	63.2	0.2	0.3
1929	C	79.9	79.9	-0.1	-0.1
1930	D	73.9	73.7	-0.2	-0.3
1931	C	81.3	81.3	0.0	0.0
1932	D	75.0	75.1	0.0	0.0
1933	C	76.9	76.7	-0.2	-0.3
1934	C	76.2	76.2	0.0	0.0
1935	BN	61.9	61.6	-0.4	-0.6
1936	BN	66.0	65.9	-0.1	-0.2
1937	BN	64.5	64.5	0.0	0.0
1938	W	51.7	51.7	0.0	0.0
1939	D	76.7	76.9	0.1	0.1
1940	AN	54.8	54.7	0.0	0.0
1941	W	53.2	53.3	0.0	0.0
1942	W	59.7	59.8	0.1	0.2
1943	W	61.3	61.2	-0.1	-0.2
1944	D	74.6	74.7	0.1	0.1
1945	BN	71.6	71.8	0.1	0.1
1946	BN	72.5	73.1	0.7	1.0
1947	D	74.9	74.9	0.0	0.0
1948	BN	69.9	69.7	-0.2	-0.3
1949	D	72.5	72.6	0.1	0.1
1950	BN	70.1	70.3	0.2	0.3
1951	AN	69.0	69.0	0.0	0.0
1952	W	55.0	55.3	0.3	0.5
1953	W	70.9	71.0	0.1	0.1
1954	AN	61.0	61.0	0.0	0.0
1955	D	75.4	75.6	0.2	0.3
1956	W	66.3	66.3	0.0	0.0
1957	AN	67.9	67.8	-0.1	-0.1
1958	W	50.9	51.0	0.1	0.2
1959	BN	74.3	74.6	0.3	0.4
1960	D	74.4	74.4	0.0	0.0
1961	D	75.8	75.7	-0.1	-0.1
1962	BN	72.8	73.7	0.9	1.2
1963	W	56.0	56.0	0.0	0.0
1964	D	74.1	75.7	1.6	2.2
1965	W	62.3	62.1	-0.2	-0.3
1966	BN	73.9	74.1	0.2	0.3
1967	W	57.9	58.1	0.1	0.2
1968	BN	69.8	69.9	0.1	0.1
1969	W	56.1	56.6	0.5	0.9
1970	W	67.6	67.6	0.0	0.0
1971	W	66.6	66.6	0.0	0.0
1972	BN	74.0	74.0	0.0	0.0
1973	AN	66.4	66.5	0.1	0.2
1974	W	54.3	54.4	0.1	0.2
1975	W	63.4	63.7	0.3	0.5
1976	C	79.4	79.2	-0.2	-0.3
1977	C	81.2	81.2	0.0	0.0
1978	AN	58.7	59.1	0.5	0.9
1979	BN	68.8	69.1	0.2	0.3
1980	AN	64.9	64.9	0.1	0.2
1981	D	71.9	72.5	0.6	0.8
1982	W	48.9	48.8	0.0	0.0
1983	W	49.2	49.4	0.2	0.4
1984	W	68.0	67.8	-0.1	-0.1
1985	D	75.3	76.8	1.5	2.0
1986	W	61.5	61.0	-0.5	-0.8
1987	D	74.2	74.2	-0.1	-0.1
1988	C	79.6	79.8	0.3	0.4
1989	D	69.7	70.0	0.3	0.4
1990	C	77.5	77.4	-0.1	-0.1
1991	C	74.5	74.4	-0.1	-0.1
1992	C	75.3	75.4	0.1	0.1
1993	AN	61.5	61.6	0.1	0.2
	Mean:	67.9	68.0	0.1	0.2
	Median:	69.4	69.4	0.0	0.0
	Min:	48.9	48.8	-0.5	-0.8
	Max:	81.3	81.3	1.6	2.2

Delta X2 Location

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	60.3	60.6	0.3	0.5
1923	BN	70.6	70.0	-0.6	-0.8
1924	C	85.0	84.8	-0.2	-0.2
1925	D	69.8	70.1	0.3	0.4
1926	D	73.7	74.0	0.3	0.4
1927	W	63.6	63.6	0.0	0.0
1928	AN	68.5	68.5	0.0	0.0
1929	C	81.0	80.6	-0.4	-0.5
1930	D	75.2	75.3	0.1	0.1
1931	C	84.5	83.8	-0.7	-0.8
1932	D	74.3	74.3	0.0	0.0
1933	C	80.6	79.5	-1.1	-1.4
1934	C	80.9	81.0	0.1	0.1
1935	BN	64.4	64.4	0.0	0.0
1936	BN	69.2	68.7	-0.4	-0.6
1937	BN	67.7	67.4	-0.3	-0.4
1938	W	53.9	53.8	0.0	0.0
1939	D	76.5	77.1	0.6	0.8
1940	AN	64.8	64.9	0.2	0.3
1941	W	57.8	58.0	0.2	0.3
1942	W	60.8	60.8	-0.1	-0.2
1943	W	65.8	65.9	0.2	0.3
1944	D	75.1	76.7	1.6	2.1
1945	BN	71.5	72.1	0.6	0.8
1946	BN	72.3	73.4	1.1	1.5
1947	D	77.7	77.2	-0.4	-0.5
1948	BN	66.0	66.4	0.4	0.6
1949	D	73.5	74.3	0.8	1.1
1950	BN	70.3	70.2	-0.1	-0.1
1951	AN	68.2	68.4	0.2	0.3
1952	W	55.0	55.0	0.0	0.0
1953	W	67.8	68.0	0.2	0.3
1954	AN	65.7	65.7	0.0	0.0
1955	D	76.3	76.8	0.5	0.7
1956	W	62.1	62.0	-0.1	-0.2
1957	AN	70.1	69.7	-0.4	-0.6
1958	W	56.0	56.1	0.1	0.2
1959	BN	76.1	76.9	0.8	1.1
1960	D	74.6	75.5	1.0	1.3
1961	D	76.7	77.1	0.4	0.5
1962	BN	73.5	74.0	0.4	0.5
1963	W	60.6	61.2	0.7	1.2
1964	D	76.7	76.5	-0.2	-0.3
1965	W	65.5	65.5	0.0	0.0
1966	BN	74.1	74.5	0.4	0.5
1967	W	57.7	57.9	0.2	0.3
1968	BN	74.3	74.7	0.4	0.5
1969	W	55.9	56.2	0.3	0.5
1970	W	70.4	71.1	0.7	1.0
1971	W	65.9	65.5	-0.4	-0.6
1972	BN	77.1	76.5	-0.6	-0.8
1973	AN	68.3	68.5	0.2	0.3
1974	W	61.9	62.5	0.6	1.0
1975	W	63.4	64.2	0.8	1.3
1976	C	83.9	84.6	0.7	0.8
1977	C	84.2	84.4	0.2	0.2
1978	AN	64.6	64.8	0.2	0.3
1979	BN	69.9	69.9	0.0	0.0
1980	AN	67.9	67.9	0.1	0.1
1981	D	74.7	77.2	2.5	3.3
1982	W	55.7	55.9	0.2	0.4
1983	W	52.2	52.2	0.0	0.0
1984	W	71.5	71.8	0.3	0.4
1985	D	75.3	75.7	0.5	0.7
1986	W	69.0	67.9	-1.1	-1.6
1987	D	77.6	78.4	0.9	1.2
1988	C	80.3	81.0	0.7	0.9
1989	D	74.1	74.1	0.0	0.0
1990	C	80.2	79.5	-0.6	-0.7
1991	C	78.3	79.0	0.7	0.9
1992	C	79.9	80.5	0.5	0.6
1993	AN	63.0	63.0	0.0	0.0
	Mean:	70.2	70.4	0.2	0.3
	Median:	70.3	70.2	0.2	0.3
	Min:	52.2	52.2	-1.1	-1.6
	Max:	85.0	84.8	2.5	3.3

Delta X2 Location

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	61.9	62.5	0.5	0.8
1923	BN	76.2	76.1	-0.1	-0.1
1924	C	83.9	83.8	-0.1	-0.1
1925	D	76.0	76.0	0.0	0.0
1926	D	81.0	81.0	0.0	0.0
1927	W	72.7	72.5	-0.1	-0.1
1928	AN	77.4	77.2	-0.2	-0.3
1929	C	82.0	81.9	-0.1	-0.1
1930	D	80.7	81.0	0.3	0.4
1931	C	84.1	84.9	0.8	1.0
1932	D	75.8	75.8	0.0	0.0
1933	C	81.9	81.7	-0.3	-0.4
1934	C	81.0	81.0	0.0	0.0
1935	BN	71.8	72.3	0.5	0.7
1936	BN	74.2	74.1	-0.1	-0.1
1937	BN	74.1	74.1	0.0	0.0
1938	W	58.0	58.1	0.0	0.0
1939	D	82.3	81.7	-0.7	-0.9
1940	AN	75.1	75.2	0.1	0.1
1941	W	67.4	67.5	0.2	0.3
1942	W	66.7	66.5	-0.2	-0.3
1943	W	74.0	74.0	0.0	0.0
1944	D	78.5	79.0	0.4	0.5
1945	BN	75.7	75.9	0.2	0.3
1946	BN	76.4	76.7	0.3	0.4
1947	D	80.4	80.5	0.1	0.1
1948	BN	72.1	71.3	-0.8	-1.1
1949	D	77.9	78.1	0.2	0.3
1950	BN	74.3	74.2	-0.1	-0.1
1951	AN	77.8	77.8	0.1	0.1
1952	W	59.1	59.0	-0.1	-0.2
1953	W	69.5	71.0	1.5	2.2
1954	AN	76.9	76.9	0.0	0.0
1955	D	79.3	79.4	0.1	0.1
1956	W	68.8	69.8	1.0	1.5
1957	AN	75.5	75.5	0.0	0.0
1958	W	61.9	61.9	0.0	0.0
1959	BN	79.9	79.2	-0.7	-0.9
1960	D	80.6	80.8	0.2	0.2
1961	D	81.0	81.0	0.0	0.0
1962	BN	78.7	79.1	0.4	0.5
1963	W	71.0	71.1	0.1	0.1
1964	D	80.4	80.6	0.1	0.1
1965	W	75.2	73.7	-1.5	-2.0
1966	BN	80.2	79.9	-0.3	-0.4
1967	W	59.5	59.4	-0.1	-0.2
1968	BN	80.3	80.0	-0.3	-0.4
1969	W	60.4	60.5	0.0	0.0
1970	W	78.2	78.4	0.2	0.3
1971	W	72.5	72.3	-0.1	-0.1
1972	BN	76.2	75.8	-0.4	-0.5
1973	AN	74.3	74.3	0.0	0.0
1974	W	69.8	70.0	0.2	0.3
1975	W	68.6	68.5	-0.1	-0.1
1976	C	85.1	84.4	-0.7	-0.8
1977	C	84.2	84.5	0.3	0.4
1978	AN	69.6	69.9	0.3	0.4
1979	BN	74.4	74.4	0.0	0.0
1980	AN	75.1	75.2	0.1	0.1
1981	D	81.0	81.0	0.0	0.0
1982	W	63.8	64.7	0.8	1.3
1983	W	52.7	52.7	0.0	0.0
1984	W	76.5	76.6	0.1	0.1
1985	D	81.0	81.0	0.0	0.0
1986	W	74.5	74.2	-0.3	-0.4
1987	D	81.0	80.4	-0.6	-0.7
1988	C	81.0	81.0	0.0	0.0
1989	D	79.8	79.9	0.0	0.0
1990	C	84.9	84.7	-0.2	-0.2
1991	C	84.3	84.5	0.2	0.2
1992	C	81.0	81.0	0.0	0.0
1993	AN	67.1	67.6	0.5	0.7
	Mean:	75.1	75.1	0.0	0.0
	Median:	76.2	76.1	0.0	0.0
	Min:	52.7	52.7	-1.5	-2.0
	Max:	85.1	84.9	1.5	2.2

Delta X2 Location

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	73.6	73.8	0.2	0.3
1923	BN	79.9	79.9	0.0	0.0
1924	C	83.0	83.0	0.0	0.0
1925	D	81.8	81.8	0.0	0.0
1926	D	83.2	83.2	-0.1	-0.1
1927	W	75.6	75.2	-0.4	-0.5
1928	AN	78.7	78.6	-0.1	-0.1
1929	C	85.5	85.5	0.0	0.0
1930	D	83.4	82.8	-0.5	-0.6
1931	C	83.2	81.3	-1.9	-2.3
1932	D	81.8	81.8	0.0	0.0
1933	C	85.5	85.4	-0.1	-0.1
1934	C	85.2	85.2	0.0	0.0
1935	BN	78.4	78.6	0.2	0.3
1936	BN	79.2	79.2	0.0	0.0
1937	BN	79.2	79.2	0.0	0.0
1938	W	72.3	72.3	0.0	0.0
1939	D	83.9	83.7	-0.2	-0.2
1940	AN	77.9	78.0	0.0	0.0
1941	W	75.4	75.4	0.1	0.1
1942	W	75.1	75.1	0.0	0.0
1943	W	76.7	77.0	0.2	0.3
1944	D	82.7	82.8	0.1	0.1
1945	BN	79.7	79.8	0.1	0.1
1946	BN	79.9	80.0	0.1	0.1
1947	D	83.3	83.3	0.0	0.0
1948	BN	78.5	78.3	-0.3	-0.4
1949	D	82.4	82.5	0.1	0.1
1950	BN	79.2	79.2	0.0	0.0
1951	AN	77.3	77.3	0.0	0.0
1952	W	72.7	72.7	0.0	0.0
1953	W	76.1	75.5	-0.5	-0.7
1954	AN	78.5	78.5	0.0	0.0
1955	D	82.9	82.9	0.0	0.0
1956	W	75.9	76.2	0.3	0.4
1957	AN	78.1	77.5	-0.5	-0.6
1958	W	73.6	73.6	0.0	0.0
1959	BN	79.5	79.1	-0.4	-0.5
1960	D	83.3	82.7	-0.6	-0.7
1961	D	83.5	83.5	0.0	0.0
1962	BN	80.5	80.0	-0.5	-0.6
1963	W	74.8	74.6	-0.2	-0.3
1964	D	83.3	83.3	0.0	0.0
1965	W	76.0	76.2	0.2	0.3
1966	BN	80.6	80.6	0.0	0.0
1967	W	71.9	71.8	-0.1	-0.1
1968	BN	80.4	80.1	-0.3	-0.4
1969	W	73.1	73.1	0.0	0.0
1970	W	75.7	75.8	0.1	0.1
1971	W	75.3	74.3	-1.0	-1.3
1972	BN	79.9	79.8	-0.1	-0.1
1973	AN	77.7	77.7	0.0	0.0
1974	W	76.2	76.3	0.1	0.1
1975	W	75.8	75.8	0.0	0.0
1976	C	81.5	81.8	0.3	0.4
1977	C	83.6	83.0	-0.6	-0.7
1978	AN	76.1	76.2	0.1	0.1
1979	BN	79.3	79.3	0.0	0.0
1980	AN	77.9	77.9	0.0	0.0
1981	D	83.5	83.5	0.0	0.0
1982	W	74.2	74.5	0.3	0.4
1983	W	61.1	61.1	0.0	0.0
1984	W	76.2	77.5	1.3	1.7
1985	D	83.5	83.5	0.0	0.0
1986	W	77.7	77.6	-0.1	-0.1
1987	D	83.5	83.3	-0.2	-0.2
1988	C	85.2	85.2	0.0	0.0
1989	D	83.1	83.1	0.0	0.0
1990	C	85.0	85.0	0.1	0.1
1991	C	85.8	85.0	-0.8	-0.9
1992	C	85.2	85.2	0.0	0.0
1993	AN	75.3	75.5	0.2	0.3
	Mean:	79.2	79.2	-0.1	-0.1
	Median:	79.3	79.2	0.0	0.0
	Min:	61.1	61.1	-1.9	-2.3
	Max:	85.8	85.5	1.3	1.7

Delta X2 Location

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Location (km)	Future No Action Monthly Mean Location (km)	Absolute Difference	Relative Difference (%)[1]
1922	AN	82.8	82.8	0.1	0.1
1923	BN	84.8	84.6	-0.2	-0.2
1924	C	86.1	86.1	0.0	0.0
1925	D	82.0	82.0	0.0	0.0
1926	D	83.5	82.8	-0.7	-0.8
1927	W	83.4	83.3	-0.1	-0.1
1928	AN	84.4	84.4	0.0	0.0
1929	C	85.4	85.1	-0.3	-0.4
1930	D	82.8	83.2	0.4	0.5
1931	C	87.4	87.5	0.1	0.1
1932	D	84.2	84.3	0.1	0.1
1933	C	84.7	84.8	0.2	0.2
1934	C	85.1	85.0	0.0	0.0
1935	BN	84.3	84.4	0.1	0.1
1936	BN	84.6	82.0	-2.6	-3.1
1937	BN	84.2	82.3	-1.9	-2.3
1938	W	82.3	82.3	0.0	0.0
1939	D	86.1	86.0	-0.1	-0.1
1940	AN	84.2	82.8	-1.3	-1.5
1941	W	81.8	81.5	-0.4	-0.5
1942	W	83.3	83.2	0.0	0.0
1943	W	83.8	83.9	0.1	0.1
1944	D	86.7	83.4	-3.3	-3.8
1945	BN	84.5	83.3	-1.2	-1.4
1946	BN	84.8	84.9	0.0	0.0
1947	D	86.4	83.9	-2.6	-3.0
1948	BN	84.4	84.3	-0.1	-0.1
1949	D	83.8	82.8	-0.9	-1.1
1950	BN	83.7	81.5	-2.2	-2.6
1951	AN	84.0	83.9	0.0	0.0
1952	W	82.4	81.5	-0.9	-1.1
1953	W	83.6	83.4	-0.2	-0.2
1954	AN	84.4	84.2	-0.2	-0.2
1955	D	84.2	83.7	-0.6	-0.7
1956	W	83.5	83.6	0.1	0.1
1957	AN	84.0	83.1	-0.9	-1.1
1958	W	82.8	81.1	-1.6	-1.9
1959	BN	84.7	84.5	-0.1	-0.1
1960	D	86.0	82.7	-3.3	-3.8
1961	D	85.5	85.7	0.2	0.2
1962	BN	85.0	84.8	-0.2	-0.2
1963	W	83.1	83.1	-0.1	-0.1
1964	D	85.2	83.7	-1.5	-1.8
1965	W	83.5	82.6	-0.9	-1.1
1966	BN	85.0	84.9	-0.1	-0.1
1967	W	82.2	81.6	-0.6	-0.7
1968	BN	85.0	84.9	-0.1	-0.1
1969	W	82.6	82.6	0.0	0.0
1970	W	83.4	83.5	0.0	0.0
1971	W	83.3	83.0	-0.3	-0.4
1972	BN	84.8	83.0	-1.8	-2.1
1973	AN	84.1	84.1	0.0	0.0
1974	W	83.6	82.7	-0.9	-1.1
1975	W	83.5	83.5	0.0	0.0
1976	C	87.6	87.5	0.0	0.0
1977	C	87.3	87.6	0.3	0.3
1978	AN	83.4	83.1	-0.3	-0.4
1979	BN	84.6	83.4	-1.2	-1.4
1980	AN	82.3	81.9	-0.5	-0.6
1981	D	86.1	84.6	-1.6	-1.9
1982	W	82.8	81.7	-1.1	-1.3
1983	W	72.8	71.0	-1.7	-2.3
1984	W	83.6	84.0	0.4	0.5
1985	D	85.3	85.3	0.0	0.0
1986	W	81.4	81.7	0.3	0.4
1987	D	87.0	86.6	-0.4	-0.5
1988	C	84.7	85.0	0.3	0.4
1989	D	85.1	85.4	0.3	0.4
1990	C	85.4	85.1	-0.4	-0.5
1991	C	85.0	85.3	0.2	0.2
1992	C	86.7	85.0	-1.8	-2.1
1993	AN	83.3	83.4	0.1	0.1
	Mean:	84.2	83.6	-0.5	-0.6
	Median:	84.2	83.5	-0.1	-0.1
	Min:	72.8	71.0	-3.3	-3.8
	Max:	87.6	87.6	0.4	0.5

Delta Outflow

October

Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4000.0	4000.0	0.0	0.0
1923	BN	4000.0	4000.0	0.0	0.0
1924	C	4093.8	4000.0	-93.8	-2.3
1925	D	3460.0	3508.5	48.5	1.4
1926	D	4000.0	4000.0	0.0	0.0
1927	W	4000.0	4000.0	0.0	0.0
1928	AN	4338.6	4000.0	-338.6	-7.8
1929	C	4863.4	4690.8	-172.6	-3.5
1930	D	3683.2	3669.9	-13.3	-0.4
1931	C	4000.0	4000.0	0.0	0.0
1932	D	4091.1	3670.6	-420.4	-10.3
1933	C	4000.0	4073.8	73.8	1.8
1934	C	3181.5	3270.0	88.5	2.8
1935	BN	3464.0	3469.7	5.7	0.2
1936	BN	4723.4	4768.4	45.0	1.0
1937	BN	4467.6	4000.0	-467.6	-10.5
1938	W	4000.0	4000.0	0.0	0.0
1939	D	11629.7	10117.7	-1512.0	-13.0
1940	AN	6081.3	5281.1	-800.2	-13.2
1941	W	4378.9	4000.0	-378.9	-8.7
1942	W	5088.6	4494.7	-594.0	-11.7
1943	W	7479.4	5411.8	-2067.6	-27.6
1944	D	4000.0	4000.0	0.0	0.0
1945	BN	6170.6	4428.3	-1742.3	-28.2
1946	BN	4000.0	4000.0	0.0	0.0
1947	D	5721.1	4000.0	-1721.1	-30.1
1948	BN	5980.8	4149.5	-1831.3	-30.6
1949	D	5389.9	4772.5	-617.4	-11.5
1950	BN	4430.5	4242.5	-188.0	-4.2
1951	AN	4357.8	4000.0	-357.8	-8.2
1952	W	4342.8	4053.8	-289.0	-6.7
1953	W	13640.4	10365.8	-3274.6	-24.0
1954	AN	4269.7	4046.3	-223.3	-5.2
1955	D	5463.2	4751.4	-711.7	-13.0
1956	W	4566.1	4482.6	-83.5	-1.8
1957	AN	9310.3	6701.5	-2608.8	-28.0
1958	W	8171.4	8460.4	289.0	3.5
1959	BN	11064.6	7382.9	-3681.7	-33.3
1960	D	4485.5	4000.0	-485.5	-10.8
1961	D	6408.2	4238.4	-2169.8	-33.9
1962	BN	6022.5	5400.4	-622.1	-10.3
1963	W	26396.3	26496.8	100.4	0.4
1964	D	4633.2	4692.7	59.5	1.3
1965	W	5594.7	4385.6	-1209.1	-21.6
1966	BN	4000.0	4000.0	0.0	0.0
1967	W	5635.2	5316.9	-318.3	-5.6
1968	BN	14275.2	11294.5	-2980.7	-20.9
1969	W	6222.7	5365.7	-857.0	-13.8
1970	W	12109.6	10598.4	-1511.2	-12.5
1971	W	4000.0	4000.0	0.0	0.0
1972	BN	4845.9	4571.1	-274.9	-5.7
1973	AN	4994.9	4319.2	-675.8	-13.5
1974	W	4000.0	4028.6	28.6	0.7
1975	W	7017.3	4361.0	-2656.3	-37.9
1976	C	10637.2	7876.6	-2760.6	-26.0
1977	C	4692.8	4472.0	-220.8	-4.7
1978	AN	3806.5	3938.5	132.0	3.5
1979	BN	4000.0	4000.0	0.0	0.0
1980	AN	4632.6	4000.0	-632.6	-13.7
1981	D	4482.8	4000.0	-482.8	-10.8
1982	W	6513.6	5410.9	-1102.7	-16.9
1983	W	21056.5	17732.3	-3324.2	-15.8
1984	W	30025.8	22221.2	-7804.6	-26.0
1985	D	4144.0	4029.4	-114.6	-2.8
1986	W	4717.8	4220.4	-497.5	-10.5
1987	D	4000.0	4000.0	0.0	0.0
1988	C	5933.4	5450.5	-482.9	-8.1
1989	D	3546.0	3535.3	-10.8	-0.3
1990	C	5225.6	5074.6	-151.0	-2.9
1991	C	3038.0	3252.3	214.2	7.1
1992	C	3066.9	3219.9	153.0	5.0
1993	AN	4089.4	3425.8	-663.7	-16.2
	Mean:	6279.9	5516.6	-763.3	-9.0
	Median:	4599.4	4111.7	-303.7	-6.2
	Min:	3038.0	3219.9	-7804.6	-37.9
	Max:	30025.8	26496.8	289.0	7.1

Delta Outflow

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4500.0	4500.0	0.0	0.0
1923	BN	6813.0	6188.3	-624.7	-9.2
1924	C	7089.4	6447.3	-642.1	-9.1
1925	D	5156.7	5370.1	213.4	4.1
1926	D	5462.5	5560.2	97.7	1.8
1927	W	11513.5	12607.1	1093.5	9.5
1928	AN	10279.2	8455.2	-1824.1	-17.7
1929	C	5862.3	6090.8	228.5	3.9
1930	D	5357.5	5214.1	-143.4	-2.7
1931	C	5803.9	5475.4	-328.5	-5.7
1932	D	4881.0	5602.0	720.9	14.8
1933	C	5296.4	5164.6	-131.8	-2.5
1934	C	6122.1	5937.2	-185.0	-3.0
1935	BN	6431.0	6731.4	300.4	4.7
1936	BN	6077.6	5148.1	-929.5	-15.3
1937	BN	6443.7	5753.8	-689.9	-10.7
1938	W	14721.3	15054.4	333.1	2.3
1939	D	4537.0	4500.0	-37.0	-0.8
1940	AN	4500.0	4500.0	0.0	0.0
1941	W	6997.6	6274.5	-723.1	-10.3
1942	W	4500.0	4500.0	0.0	0.0
1943	W	7300.7	4946.2	-2354.5	-32.3
1944	D	6663.4	5776.3	-887.0	-13.3
1945	BN	6028.2	6861.4	833.2	13.8
1946	BN	8022.7	7659.5	-363.2	-4.5
1947	D	5620.1	7153.8	1533.6	27.3
1948	BN	4500.0	6024.0	1524.0	33.9
1949	D	5607.6	5586.1	-21.5	-0.4
1950	BN	5662.7	5817.3	154.6	2.7
1951	AN	41657.7	41587.0	-70.7	-0.2
1952	W	7635.1	7615.8	-19.3	-0.3
1953	W	5690.0	4500.0	-1190.0	-20.9
1954	AN	7288.5	5455.3	-1833.2	-25.2
1955	D	6267.8	6944.7	676.9	10.8
1956	W	5644.3	5417.3	-227.0	-4.0
1957	AN	4500.0	4500.0	0.0	0.0
1958	W	4500.0	4500.0	0.0	0.0
1959	BN	4692.1	4500.0	-192.1	-4.1
1960	D	6306.9	6081.9	-225.0	-3.6
1961	D	4730.1	6747.2	2017.0	42.6
1962	BN	4544.2	5378.4	834.2	18.4
1963	W	5719.9	4500.0	-1219.9	-21.3
1964	D	17419.2	16655.7	-763.5	-4.4
1965	W	5619.2	7364.5	1745.3	31.1
1966	BN	16063.7	11952.8	-4110.9	-25.6
1967	W	5921.1	6742.2	821.1	13.9
1968	BN	5854.2	4500.0	-1354.2	-23.1
1969	W	4938.2	5625.8	687.5	13.9
1970	W	6789.2	4500.0	-2289.2	-33.7
1971	W	10159.2	10594.0	434.8	4.3
1972	BN	5278.6	4500.0	-778.6	-14.8
1973	AN	10946.6	10815.5	-131.2	-1.2
1974	W	54558.5	52133.6	-2424.9	-4.4
1975	W	5713.4	4500.0	-1213.4	-21.2
1976	C	6104.1	4500.0	-1604.1	-26.3
1977	C	4155.4	4381.0	225.6	5.4
1978	AN	5242.6	5156.4	-86.2	-1.6
1979	BN	5256.9	6027.4	770.5	14.7
1980	AN	6892.1	7376.2	484.1	7.0
1981	D	5686.6	4652.5	-1034.0	-18.2
1982	W	25172.9	25512.7	339.9	1.4
1983	W	37164.5	36687.3	-477.2	-1.3
1984	W	79364.6	80205.4	840.8	1.1
1985	D	24867.4	22888.5	-1978.9	-8.0
1986	W	5153.4	5684.3	530.9	10.3
1987	D	5707.1	5312.5	-394.6	-6.9
1988	C	4500.0	4500.0	0.0	0.0
1989	D	5795.6	5985.2	189.6	3.3
1990	C	5628.3	5557.8	-70.5	-1.3
1991	C	6312.8	6212.3	-100.5	-1.6
1992	C	5938.4	5605.8	-332.6	-5.6
1993	AN	4648.8	5553.9	905.1	19.5
	Mean:	9580.3	9365.4	-214.9	-1.4
	Median:	5829.0	5719.1	-70.6	-1.0
	Min:	4155.4	4381.0	-4110.9	-33.7
	Max:	79364.6	80205.4	2017.0	42.6

Delta Outflow

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	9908.7	10898.5	989.8	10.0
1923	BN	29848.7	28105.2	-1743.4	-5.8
1924	C	4500.0	4500.0	0.0	0.0
1925	D	8554.9	9019.0	464.0	5.4
1926	D	5286.7	5286.7	0.0	0.0
1927	W	9247.7	8784.2	-463.5	-5.0
1928	AN	7190.2	6941.1	-249.1	-3.5
1929	C	6106.8	6253.0	146.2	2.4
1930	D	9150.9	9126.6	-24.3	-0.3
1931	C	4500.0	5226.8	726.8	16.2
1932	D	14955.1	15816.4	861.2	5.8
1933	C	5313.2	4923.7	-389.5	-7.3
1934	C	6332.3	6961.2	628.9	9.9
1935	BN	4669.7	4833.1	163.4	3.5
1936	BN	4500.0	5352.6	852.6	18.9
1937	BN	4549.8	5293.4	743.6	16.3
1938	W	57799.0	60290.4	2491.4	4.3
1939	D	7097.7	5774.5	-1323.2	-18.6
1940	AN	4500.0	4816.8	316.8	7.0
1941	W	39834.1	39001.6	-832.5	-2.1
1942	W	59762.7	56297.4	-3465.3	-5.8
1943	W	21773.7	19464.9	-2308.8	-10.6
1944	D	4500.0	5450.1	950.1	21.1
1945	BN	9010.4	8975.3	-35.1	-0.4
1946	BN	63780.2	62718.0	-1062.2	-1.7
1947	D	6751.7	7131.7	380.0	5.6
1948	BN	4900.0	4500.0	-400.0	-8.2
1949	D	6047.4	6279.7	232.3	3.8
1950	BN	5286.7	4704.5	-582.2	-11.0
1951	AN	98238.3	96446.8	-1791.5	-1.8
1952	W	37072.9	36534.0	-538.9	-1.5
1953	W	41637.9	38799.4	-2838.5	-6.8
1954	AN	4846.3	6200.4	1354.2	27.9
1955	D	14860.4	15422.4	562.1	3.8
1956	W	93718.0	90857.0	-2861.1	-3.1
1957	AN	5150.8	4936.0	-214.8	-4.2
1958	W	13414.0	13458.3	44.3	0.3
1959	BN	5104.6	5294.9	190.3	3.7
1960	D	4500.0	4500.0	0.0	0.0
1961	D	8320.1	7365.7	-954.4	-11.5
1962	BN	7839.2	7244.4	-594.8	-7.6
1963	W	16931.0	16951.1	20.1	0.1
1964	D	5313.2	4748.7	-564.5	-10.6
1965	W	71430.6	70478.9	-951.7	-1.3
1966	BN	10134.3	8398.0	-1736.3	-17.1
1967	W	32223.8	32655.3	431.5	1.3
1968	BN	7421.4	6606.8	-814.6	-11.0
1969	W	15163.0	15212.0	49.0	0.3
1970	W	54398.5	53804.3	-594.2	-1.1
1971	W	56178.0	54510.9	-1667.1	-3.0
1972	BN	9272.2	8313.7	-958.5	-10.3
1973	AN	16894.2	14678.9	-2215.3	-13.1
1974	W	60853.7	60730.5	-123.2	-0.2
1975	W	7654.7	7939.6	284.8	3.7
1976	C	6057.1	5923.4	-133.7	-2.2
1977	C	5232.7	4747.6	-485.1	-9.3
1978	AN	7029.4	7402.6	373.2	5.3
1979	BN	5749.1	5958.1	208.9	3.6
1980	AN	10852.8	11173.4	320.6	3.0
1981	D	6999.0	8048.9	1049.8	15.0
1982	W	85539.1	83262.1	-2277.0	-2.7
1983	W	81441.9	81421.4	-20.5	0.0
1984	W	157873.9	157598.8	-275.1	-0.2
1985	D	12759.3	12779.5	20.2	0.2
1986	W	8775.8	8304.1	-471.7	-5.4
1987	D	5517.3	5854.2	336.9	6.1
1988	C	8526.2	8844.2	318.0	3.7
1989	D	5168.7	4948.7	-220.0	-4.3
1990	C	4829.9	4907.4	77.5	1.6
1991	C	4209.0	4196.2	-12.8	-0.3
1992	C	4202.4	5499.7	1297.3	30.9
1993	AN	6731.1	6512.6	-218.5	-3.2
	Mean:	21551.7	21280.5	-271.2	0.4
	Median:	8079.6	7994.2	-22.4	-0.2
	Min:	4202.4	4196.2	-3465.3	-18.6
	Max:	157873.9	157598.8	2491.4	30.9

Delta Outflow

January

Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8600.0	9032.9	432.9	5.0
1923	BN	27639.1	24676.6	-2962.5	-10.7
1924	C	7009.5	7276.5	266.9	3.8
1925	D	6813.2	6579.1	-234.1	-3.4
1926	D	9112.1	9518.8	406.7	4.5
1927	W	25229.3	27658.9	2429.6	9.6
1928	AN	16348.5	14854.6	-1493.8	-9.1
1929	C	6534.1	6683.0	148.9	2.3
1930	D	12062.7	12103.4	40.6	0.3
1931	C	7491.2	7633.3	142.0	1.9
1932	D	14339.7	13318.7	-1021.1	-7.1
1933	C	10352.9	13600.1	3247.2	31.4
1934	C	10290.3	11094.2	803.9	7.8
1935	BN	25384.2	24773.6	-610.6	-2.4
1936	BN	33681.2	33310.9	-370.3	-1.1
1937	BN	7428.8	7580.1	151.3	2.0
1938	W	30273.8	30589.4	315.7	1.0
1939	D	8500.7	7468.2	-1032.5	-12.1
1940	AN	29126.1	28782.4	-343.7	-1.2
1941	W	95100.8	94161.0	-939.8	-1.0
1942	W	82153.6	76825.4	-5328.2	-6.5
1943	W	83887.0	83466.1	-420.9	-0.5
1944	D	7770.1	7826.3	56.2	0.7
1945	BN	6813.2	6813.2	0.0	0.0
1946	BN	44039.0	44041.6	2.6	0.0
1947	D	6813.2	6812.8	-0.3	0.0
1948	BN	7593.5	8073.5	480.0	6.3
1949	D	6555.2	6857.4	302.2	4.6
1950	BN	12925.5	11962.2	-963.3	-7.5
1951	AN	67740.9	67433.6	-307.2	-0.5
1952	W	85738.0	83019.7	-2718.3	-3.2
1953	W	100587.4	99258.6	-1328.9	-1.3
1954	AN	25803.0	25947.3	144.3	0.6
1955	D	12495.4	12361.1	-134.3	-1.1
1956	W	161592.7	160505.9	-1086.8	-0.7
1957	AN	6610.4	7730.4	1120.0	16.9
1958	W	33069.5	32865.1	-204.3	-0.6
1959	BN	29125.5	27359.8	-1765.7	-6.1
1960	D	6831.0	7156.6	325.6	4.8
1961	D	6799.2	6800.1	0.9	0.0
1962	BN	6649.5	6000.0	-649.5	-9.8
1963	W	9636.4	9829.2	192.8	2.0
1964	D	16206.3	16079.2	-127.1	-0.8
1965	W	114504.4	110090.8	-4413.6	-3.9
1966	BN	24792.2	23444.1	-1348.1	-5.4
1967	W	47495.4	45514.8	-1980.6	-4.2
1968	BN	25418.4	24314.7	-1103.7	-4.3
1969	W	117252.5	115292.2	-1960.3	-1.7
1970	W	213779.9	214847.3	1067.5	0.5
1971	W	42963.6	42769.6	-193.9	-0.5
1972	BN	10033.7	7552.7	-2481.0	-24.7
1973	AN	80248.9	79041.1	-1207.8	-1.5
1974	W	126220.5	127458.5	1237.9	1.0
1975	W	8674.7	6942.3	-1732.4	-20.0
1976	C	5838.7	7719.9	1881.2	32.2
1977	C	5300.3	5309.9	9.6	0.2
1978	AN	62040.0	61944.3	-95.7	-0.2
1979	BN	19300.3	16764.4	-2535.9	-13.1
1980	AN	99409.5	99067.8	-341.7	-0.3
1981	D	12913.8	13172.7	258.9	2.0
1982	W	75745.5	74452.9	-1292.7	-1.7
1983	W	104901.1	105341.1	439.9	0.4
1984	W	66247.6	73499.8	7252.1	10.9
1985	D	6813.2	6813.2	0.0	0.0
1986	W	15569.2	15406.7	-162.4	-1.0
1987	D	7452.0	8061.6	609.6	8.2
1988	C	19656.5	19656.4	-0.1	0.0
1989	D	7863.7	7608.0	-255.8	-3.3
1990	C	10346.1	10585.5	239.4	2.3
1991	C	5118.7	5215.8	97.1	1.9
1992	C	6601.5	5311.5	-1290.0	-19.5
1993	AN	62657.0	61527.5	-1129.5	-1.8
	Mean:	36443.2	36117.3	-325.9	-0.4
	Median:	15887.7	15130.7	-130.7	-0.4
	Min:	5118.7	5215.8	-5328.2	-24.7
	Max:	213779.9	214847.3	7252.1	32.2

Delta Outflow

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	37531.7	35836.6	-1695.1	-4.5
1923	BN	14929.8	14980.7	50.9	0.3
1924	C	8783.0	9545.5	762.5	8.7
1925	D	61859.5	60909.4	-950.1	-1.5
1926	D	35941.9	36834.0	892.0	2.5
1927	W	124864.5	123289.9	-1574.6	-1.3
1928	AN	18626.6	18851.4	224.8	1.2
1929	C	9229.6	9913.8	684.3	7.4
1930	D	13775.7	13254.2	-521.5	-3.8
1931	C	7678.4	7652.0	-26.4	-0.3
1932	D	17016.7	16539.9	-476.8	-2.8
1933	C	7331.3	8515.3	1183.9	16.1
1934	C	14453.2	14684.4	231.2	1.6
1935	BN	11400.0	11658.0	258.0	2.3
1936	BN	73877.2	73875.3	-1.9	0.0
1937	BN	41502.8	41821.7	318.9	0.8
1938	W	145553.4	144818.6	-734.8	-0.5
1939	D	8973.7	8265.0	-708.7	-7.9
1940	AN	59368.7	58204.1	-1164.6	-2.0
1941	W	120020.0	119145.2	-874.8	-0.7
1942	W	140695.9	139867.8	-828.1	-0.6
1943	W	55512.0	55368.3	-143.7	-0.3
1944	D	18901.7	18851.0	-50.6	-0.3
1945	BN	44327.3	45029.6	702.3	1.6
1946	BN	24582.4	24658.0	75.6	0.3
1947	D	12118.7	12094.4	-24.3	-0.2
1948	BN	11210.3	11209.1	-1.2	0.0
1949	D	8269.4	8304.1	34.7	0.4
1950	BN	27818.7	27385.4	-433.3	-1.6
1951	AN	69184.5	69380.8	196.2	0.3
1952	W	73208.8	72367.5	-841.3	-1.1
1953	W	22237.5	22670.9	433.4	1.9
1954	AN	53382.6	53661.5	278.9	0.5
1955	D	11400.0	11400.0	0.0	0.0
1956	W	83272.8	84558.2	1285.4	1.5
1957	AN	26957.7	27302.4	344.7	1.3
1958	W	179745.3	174565.3	-5180.1	-2.9
1959	BN	45615.1	46872.5	1257.4	2.8
1960	D	20681.4	20011.3	-670.2	-3.2
1961	D	17183.5	18996.9	1813.4	10.6
1962	BN	44195.7	42924.9	-1270.8	-2.9
1963	W	66992.2	69918.1	2925.9	4.4
1964	D	11191.1	11192.0	1.0	0.0
1965	W	28611.4	28299.6	-311.8	-1.1
1966	BN	20366.6	20502.4	135.8	0.7
1967	W	51369.6	49308.6	-2061.1	-4.0
1968	BN	58556.1	58262.0	-294.1	-0.5
1969	W	132434.6	131591.3	-843.3	-0.6
1970	W	79466.9	77466.0	-2000.9	-2.5
1971	W	25571.0	25637.9	66.9	0.3
1972	BN	15484.2	14880.2	-604.0	-3.9
1973	AN	88694.7	88408.7	-286.0	-0.3
1974	W	36302.8	35165.9	-1136.9	-3.1
1975	W	61132.6	61474.7	342.1	0.6
1976	C	8099.8	8452.9	353.1	4.4
1977	C	6881.6	6896.4	14.7	0.2
1978	AN	53772.2	52550.8	-1221.4	-2.3
1979	BN	44398.9	39427.5	-4971.4	-11.2
1980	AN	132121.5	131447.0	-674.5	-0.5
1981	D	18003.9	17081.6	-922.3	-5.1
1982	W	100047.2	99674.5	-372.7	-0.4
1983	W	179027.6	177944.2	-1083.4	-0.6
1984	W	39095.6	43247.6	4152.0	10.6
1985	D	10280.6	10237.1	-43.5	-0.4
1986	W	209765.7	212446.6	2680.8	1.3
1987	D	11601.4	12352.5	751.1	6.5
1988	C	11187.0	11186.8	-0.2	0.0
1989	D	7838.3	7856.2	17.9	0.2
1990	C	11400.0	11400.0	0.0	0.0
1991	C	7086.7	6839.9	-246.8	-3.5
1992	C	23366.8	23922.0	555.2	2.4
1993	AN	52492.2	51896.1	-596.1	-1.1
	Mean:	47581.4	47403.4	-178.0	0.2
	Median:	28215.1	27842.5	-13.1	-0.1
	Min:	6881.6	6839.9	-5180.1	-11.2
	Max:	209765.7	212446.6	4152.0	16.1

Delta Outflow

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	27932.3	27744.0	-188.2	-0.7
1923	BN	11529.3	10977.9	-551.4	-4.8
1924	C	10119.5	10106.7	-12.8	-0.1
1925	D	27193.2	27195.0	1.7	0.0
1926	D	9858.4	9731.7	-126.7	-1.3
1927	W	40770.8	39848.3	-922.6	-2.3
1928	AN	96425.7	95775.4	-650.3	-0.7
1929	C	9559.9	9543.7	-16.2	-0.2
1930	D	22370.5	24289.7	1919.1	8.6
1931	C	6164.4	6154.7	-9.7	-0.2
1932	D	11400.0	11400.0	0.0	0.0
1933	C	10873.9	10852.2	-21.7	-0.2
1934	C	11400.0	11400.0	0.0	0.0
1935	BN	21335.3	25685.5	4350.2	20.4
1936	BN	26222.5	26177.3	-45.2	-0.2
1937	BN	46653.5	47187.8	534.3	1.1
1938	W	166139.6	164966.6	-1173.0	-0.7
1939	D	10789.9	10742.3	-47.6	-0.4
1940	AN	103172.4	108420.3	5248.0	5.1
1941	W	88651.9	88222.9	-429.0	-0.5
1942	W	21435.4	20882.2	-553.3	-2.6
1943	W	86172.8	86756.5	583.7	0.7
1944	D	16106.8	15622.3	-484.5	-3.0
1945	BN	20577.1	21880.6	1303.5	6.3
1946	BN	15848.2	13807.1	-2041.1	-12.9
1947	D	14963.4	14660.5	-302.9	-2.0
1948	BN	10086.8	11053.6	966.9	9.6
1949	D	37481.8	37631.4	149.6	0.4
1950	BN	14515.8	14394.0	-121.8	-0.8
1951	AN	25551.5	25712.3	160.9	0.6
1952	W	63802.9	62965.7	-837.1	-1.3
1953	W	16103.8	16267.4	163.6	1.0
1954	AN	42220.7	42300.7	80.0	0.2
1955	D	7324.8	7433.4	108.6	1.5
1956	W	34788.2	33925.8	-862.4	-2.5
1957	AN	38770.0	39159.8	389.8	1.0
1958	W	94606.7	92505.8	-2100.9	-2.2
1959	BN	21127.4	21125.4	-2.0	0.0
1960	D	14505.5	14670.5	165.1	1.1
1961	D	12406.6	12543.9	137.3	1.1
1962	BN	18719.1	18697.3	-21.8	-0.1
1963	W	26140.7	25802.3	-338.4	-1.3
1964	D	8507.6	8400.8	-106.8	-1.3
1965	W	18657.5	18747.2	89.7	0.5
1966	BN	19248.3	18994.5	-253.9	-1.3
1967	W	54141.5	53966.6	-174.9	-0.3
1968	BN	31363.1	30571.2	-791.9	-2.5
1969	W	59466.9	57488.3	-1978.6	-3.3
1970	W	34637.9	34882.1	244.2	0.7
1971	W	36639.2	36671.8	32.7	0.1
1972	BN	24961.0	24960.9	-0.1	0.0
1973	AN	54239.9	55086.7	846.8	1.6
1974	W	103102.2	103248.8	146.6	0.1
1975	W	84287.2	84583.7	296.6	0.4
1976	C	9464.7	10222.2	757.5	8.0
1977	C	6116.7	6120.6	4.0	0.1
1978	AN	66708.1	66703.8	-4.3	0.0
1979	BN	31137.8	30936.9	-200.9	-0.6
1980	AN	55730.4	54124.7	-1605.6	-2.9
1981	D	21131.5	20285.2	-846.4	-4.0
1982	W	80553.5	80834.4	280.8	0.3
1983	W	255991.2	255335.4	-655.8	-0.3
1984	W	29577.8	34869.4	5291.6	17.9
1985	D	10833.3	11886.2	1052.9	9.7
1986	W	145213.7	140908.1	-4305.6	-3.0
1987	D	19608.2	19745.4	137.2	0.7
1988	C	7887.4	7886.4	-1.0	0.0
1989	D	34374.7	39276.2	4901.5	14.3
1990	C	7574.9	7914.3	339.4	4.5
1991	C	21871.7	22909.1	1037.3	4.7
1992	C	13225.7	12957.5	-268.2	-2.0
1993	AN	39547.5	42749.8	3202.3	8.1
	Mean:	38855.8	39020.7	164.8	0.9
	Median:	23665.8	25323.2	-1.5	0.0
	Min:	6116.7	6120.6	-4305.6	-12.9
	Max:	255991.2	255335.4	5291.6	20.4

Delta Outflow

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	23884.5	23941.0	56.5	0.2
1923	BN	24573.0	25541.5	968.6	3.9
1924	C	5957.2	5921.6	-35.6	-0.6
1925	D	20756.6	20557.0	-199.6	-1.0
1926	D	20727.5	21620.4	892.9	4.3
1927	W	46145.7	46180.3	34.6	0.1
1928	AN	26414.2	26035.6	-378.6	-1.4
1929	C	6952.0	6940.4	-11.7	-0.2
1930	D	10714.7	10786.8	72.2	0.7
1931	C	6820.6	6818.6	-2.1	0.0
1932	D	11197.0	11197.3	0.3	0.0
1933	C	10032.9	10022.7	-10.2	-0.1
1934	C	9995.1	9992.9	-2.2	0.0
1935	BN	52066.8	51240.9	-825.9	-1.6
1936	BN	23197.5	23593.2	395.6	1.7
1937	BN	26294.9	26173.1	-121.8	-0.5
1938	W	74055.6	74236.2	180.6	0.2
1939	D	10025.9	10033.3	7.4	0.1
1940	AN	66041.9	65347.7	-694.3	-1.1
1941	W	73433.2	73604.5	171.3	0.2
1942	W	49372.2	49585.7	213.4	0.4
1943	W	28459.5	28810.0	350.5	1.2
1944	D	10768.4	10753.8	-14.6	-0.1
1945	BN	13380.3	12869.2	-511.1	-3.8
1946	BN	12753.6	12238.6	-515.0	-4.0
1947	D	11196.0	11196.3	0.3	0.0
1948	BN	24724.7	24641.1	-83.5	-0.3
1949	D	11756.4	11578.2	-178.2	-1.5
1950	BN	18890.9	18555.8	-335.0	-1.8
1951	AN	14819.2	14869.0	49.8	0.3
1952	W	68944.0	66871.4	-2072.6	-3.0
1953	W	15351.0	15140.1	-210.9	-1.4
1954	AN	39636.9	39548.8	-88.1	-0.2
1955	D	12914.6	12512.9	-401.7	-3.1
1956	W	18425.1	18494.3	69.2	0.4
1957	AN	18848.2	18835.2	-13.0	-0.1
1958	W	97772.3	97765.5	-6.8	0.0
1959	BN	8903.3	8580.7	-322.6	-3.6
1960	D	11400.0	11400.0	0.0	0.0
1961	D	10183.6	10178.8	-4.8	0.0
1962	BN	11888.8	10695.6	-1193.2	-10.0
1963	W	88753.3	88619.4	-133.9	-0.2
1964	D	14662.1	11981.8	-2680.4	-18.3
1965	W	43199.4	44470.7	1271.3	2.9
1966	BN	10549.7	10351.1	-198.6	-1.9
1967	W	52709.9	52097.0	-612.9	-1.2
1968	BN	13772.3	13797.6	25.4	0.2
1969	W	57248.3	54518.7	-2729.6	-4.8
1970	W	15463.8	15487.2	23.5	0.2
1971	W	20794.9	20789.9	-4.9	0.0
1972	BN	10182.0	10347.2	165.1	1.6
1973	AN	16252.2	15915.7	-336.5	-2.1
1974	W	68064.6	67260.7	-803.9	-1.2
1975	W	23632.5	22791.9	-840.6	-3.6
1976	C	7597.6	7476.7	-120.9	-1.6
1977	C	7100.0	7100.0	0.0	0.0
1978	AN	44966.4	42378.3	-2588.1	-5.8
1979	BN	16285.1	16085.6	-199.5	-1.2
1980	AN	18859.9	18858.5	-1.4	0.0
1981	D	13767.6	13036.6	-731.0	-5.3
1982	W	136205.4	137129.6	924.2	0.7
1983	W	82816.5	80972.0	-1844.6	-2.2
1984	W	17153.4	16333.3	-820.1	-4.8
1985	D	11792.2	9453.0	-2339.2	-19.8
1986	W	21707.5	23282.7	1575.2	7.3
1987	D	11191.2	11190.5	-0.7	0.0
1988	C	7285.3	7031.9	-253.4	-3.5
1989	D	17508.7	16227.3	-1281.4	-7.3
1990	C	9872.7	9865.1	-7.5	-0.1
1991	C	11193.1	11192.4	-0.7	0.0
1992	C	10373.4	10375.9	2.6	0.0
1993	AN	37000.7	35817.6	-1183.1	-3.2
	Mean:	27467.2	27182.5	-284.7	-1.4
	Median:	16719.3	16156.5	-13.8	-0.2
	Min:	5957.2	5921.6	-2729.6	-19.8
	Max:	136205.4	137129.6	1575.2	7.3

Delta Outflow

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	55347.6	53420.4	-1927.3	-3.5
1923	BN	15929.9	17155.5	1225.6	7.7
1924	C	4100.4	4196.3	95.9	2.3
1925	D	16585.0	15929.7	-655.4	-4.0
1926	D	11279.1	10713.9	-565.2	-5.0
1927	W	26340.3	26445.1	104.8	0.4
1928	AN	16404.8	16415.7	10.9	0.1
1929	C	6583.6	6943.4	359.8	5.5
1930	D	10857.8	10648.3	-209.5	-1.9
1931	C	4417.7	4819.2	401.5	9.1
1932	D	12847.2	12796.4	-50.7	-0.4
1933	C	6058.6	6955.3	896.7	14.8
1934	C	5724.0	5606.5	-117.6	-2.1
1935	BN	26777.3	26376.5	-400.8	-1.5
1936	BN	17041.8	17944.5	902.7	5.3
1937	BN	19297.3	20007.4	710.2	3.7
1938	W	68005.8	68034.3	28.6	0.0
1939	D	10300.3	9618.8	-681.6	-6.6
1940	AN	18631.1	18238.2	-392.9	-2.1
1941	W	43673.2	42344.6	-1328.5	-3.0
1942	W	38588.1	38949.8	361.7	0.9
1943	W	21705.0	21196.8	-508.2	-2.3
1944	D	11368.0	9243.2	-2124.9	-18.7
1945	BN	16055.7	14854.1	-1201.7	-7.5
1946	BN	14828.1	13253.9	-1574.2	-10.6
1947	D	8220.2	8701.8	481.6	5.9
1948	BN	30144.9	28401.2	-1743.6	-5.8
1949	D	12759.2	11527.2	-1232.0	-9.7
1950	BN	17569.8	17909.9	340.1	1.9
1951	AN	21957.8	21232.6	-725.3	-3.3
1952	W	67215.0	68147.1	932.1	1.4
1953	W	25159.8	24513.0	-646.9	-2.6
1954	AN	21558.1	21552.3	-5.8	0.0
1955	D	10086.6	9499.7	-587.0	-5.8
1956	W	43192.3	43997.6	805.2	1.9
1957	AN	16278.1	17097.8	819.7	5.0
1958	W	49950.9	49385.8	-565.1	-1.1
1959	BN	9843.9	8996.3	-847.6	-8.6
1960	D	12044.6	10602.5	-1442.1	-12.0
1961	D	9669.5	9196.7	-472.8	-4.9
1962	BN	12869.6	12599.7	-269.9	-2.1
1963	W	34014.8	31195.8	-2819.0	-8.3
1964	D	8963.8	9881.3	917.5	10.2
1965	W	23280.0	23082.8	-197.3	-0.8
1966	BN	12515.2	11953.1	-562.2	-4.5
1967	W	53607.7	52819.4	-788.3	-1.5
1968	BN	10207.7	9720.8	-487.0	-4.8
1969	W	62625.0	61472.1	-1152.9	-1.8
1970	W	15475.8	14211.3	-1264.4	-8.2
1971	W	26793.7	28290.2	1496.5	5.6
1972	BN	8470.5	9186.0	715.5	8.4
1973	AN	19249.1	18929.1	-319.9	-1.7
1974	W	26389.7	24584.5	-1805.2	-6.8
1975	W	32212.8	29414.0	-2798.7	-8.7
1976	C	4390.6	4000.0	-390.6	-8.9
1977	C	4562.6	4471.0	-91.6	-2.0
1978	AN	22503.4	22457.0	-46.4	-0.2
1979	BN	17408.9	17601.8	192.8	1.1
1980	AN	19171.7	19100.7	-71.0	-0.4
1981	D	10673.9	7864.2	-2809.7	-26.3
1982	W	47266.3	45870.0	-1396.2	-3.0
1983	W	75394.0	76409.8	1015.9	1.3
1984	W	13571.5	12964.8	-606.7	-4.5
1985	D	11430.2	11471.9	41.7	0.4
1986	W	14421.7	16275.5	1853.8	12.9
1987	D	8092.7	7196.0	-896.7	-11.1
1988	C	7110.2	6559.6	-550.6	-7.7
1989	D	10433.7	10547.5	113.8	1.1
1990	C	6633.3	7153.6	520.3	7.8
1991	C	7385.7	6729.5	-656.2	-8.9
1992	C	6201.4	5791.6	-409.8	-6.6
1993	AN	31394.3	31295.8	-98.5	-0.3
	Mean:	21098.9	20749.6	-349.3	-1.9
	Median:	15992.8	16102.6	-355.3	-1.9
	Min:	4100.4	4000.0	-2819.0	-26.3
	Max:	75394.0	76409.8	1853.8	14.8

Delta Outflow

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	34174.8	32284.6	-1890.2	-5.5
1923	BN	8260.6	8108.5	-152.1	-1.8
1924	C	5576.9	5611.9	35.0	0.6
1925	D	8244.4	8332.3	87.9	1.1
1926	D	5049.8	5112.4	62.6	1.2
1927	W	9698.1	9882.1	184.0	1.9
1928	AN	6459.7	6651.0	191.3	3.0
1929	C	6034.0	6000.4	-33.5	-0.6
1930	D	5567.2	5400.2	-167.1	-3.0
1931	C	5341.4	4693.6	-647.8	-12.1
1932	D	10184.5	10185.2	0.6	0.0
1933	C	6005.2	5917.9	-87.3	-1.5
1934	C	6853.5	6896.5	43.0	0.6
1935	BN	11272.5	10531.1	-741.4	-6.6
1936	BN	10112.7	10029.0	-83.7	-0.8
1937	BN	9578.1	9465.4	-112.6	-1.2
1938	W	43233.0	43070.9	-162.1	-0.4
1939	D	4777.5	5334.1	556.6	11.7
1940	AN	7419.8	7352.2	-67.7	-0.9
1941	W	15131.5	14972.1	-159.4	-1.1
1942	W	18824.2	19219.6	395.3	2.1
1943	W	9011.1	9072.5	61.4	0.7
1944	D	7388.9	7470.9	81.9	1.1
1945	BN	9095.9	9112.8	16.9	0.2
1946	BN	8704.5	8738.7	34.2	0.4
1947	D	6424.9	6234.0	-190.9	-3.0
1948	BN	11573.5	13056.2	1482.6	12.8
1949	D	7515.2	7553.2	38.0	0.5
1950	BN	10505.4	10549.4	44.0	0.4
1951	AN	6078.9	6099.8	20.9	0.3
1952	W	39512.5	40027.6	515.0	1.3
1953	W	17650.8	14578.3	-3072.5	-17.4
1954	AN	6133.6	6133.6	0.0	0.0
1955	D	7053.0	7082.7	29.7	0.4
1956	W	15171.1	13172.0	-1999.0	-13.2
1957	AN	8898.6	8777.1	-121.5	-1.4
1958	W	28504.3	28673.5	169.2	0.6
1959	BN	6483.2	7315.9	832.8	12.8
1960	D	5546.7	5617.7	71.0	1.3
1961	D	5738.3	5855.5	117.3	2.0
1962	BN	6763.2	6520.5	-242.8	-3.6
1963	W	10613.5	10717.1	103.5	1.0
1964	D	6193.4	6019.3	-174.1	-2.8
1965	W	7619.1	9210.0	1590.9	20.9
1966	BN	5669.1	6039.5	370.5	6.5
1967	W	42184.4	43152.9	968.5	2.3
1968	BN	5694.5	6021.9	327.4	5.7
1969	W	34479.8	34842.8	363.0	1.1
1970	W	6323.6	6373.2	49.6	0.8
1971	W	10994.7	11009.2	14.5	0.1
1972	BN	10956.8	11198.4	241.6	2.2
1973	AN	9678.1	9748.2	70.1	0.7
1974	W	13217.2	13164.2	-53.0	-0.4
1975	W	16367.8	17161.8	794.0	4.9
1976	C	4587.1	5170.6	583.5	12.7
1977	C	5193.3	5040.7	-152.6	-2.9
1978	AN	15101.3	14704.3	-397.1	-2.6
1979	BN	10141.8	10139.4	-2.4	0.0
1980	AN	8506.1	8440.6	-65.5	-0.8
1981	D	5263.5	5863.2	599.6	11.4
1982	W	21970.3	19913.6	-2056.8	-9.4
1983	W	80656.0	80996.1	340.1	0.4
1984	W	8261.0	8271.9	10.9	0.1
1985	D	5398.4	5504.1	105.7	2.0
1986	W	9661.2	9584.1	-77.1	-0.8
1987	D	5953.1	6643.7	690.6	11.6
1988	C	6691.4	6896.5	205.1	3.1
1989	D	6009.3	5972.6	-36.7	-0.6
1990	C	4000.0	4000.0	0.0	0.0
1991	C	4000.0	4000.0	0.0	0.0
1992	C	6592.6	6748.2	155.7	2.4
1993	AN	19624.5	18319.1	-1305.4	-6.7
	Mean:	12071.6	12049.4	-22.2	0.6
	Median:	8252.5	8302.1	32.0	0.4
	Min:	4000.0	4000.0	-3072.5	-17.4
	Max:	80656.0	80996.1	1590.9	20.9

Delta Outflow

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8000.0	8000.0	0.0	0.0
1923	BN	6500.0	6500.0	0.0	0.0
1924	C	6008.9	5986.8	-22.2	-0.4
1925	D	5000.0	5000.0	0.0	0.0
1926	D	5149.1	5205.2	56.0	1.1
1927	W	9744.0	10250.5	506.5	5.2
1928	AN	8000.0	8000.0	0.0	0.0
1929	C	4000.0	4000.0	0.0	0.0
1930	D	5000.0	5418.4	418.4	8.4
1931	C	5875.7	7804.8	1929.1	32.8
1932	D	5000.0	5000.0	0.0	0.0
1933	C	4000.0	4000.0	0.0	0.0
1934	C	4000.0	4000.0	0.0	0.0
1935	BN	6500.0	6500.0	0.0	0.0
1936	BN	6500.0	6500.0	0.0	0.0
1937	BN	6500.0	6500.0	0.0	0.0
1938	W	8000.0	8000.0	0.0	0.0
1939	D	5000.0	5000.0	0.0	0.0
1940	AN	8000.0	8000.0	0.0	0.0
1941	W	8000.0	8000.0	0.0	0.0
1942	W	8040.0	8000.0	-40.0	-0.5
1943	W	8884.2	8611.1	-273.1	-3.1
1944	D	5000.0	5000.0	0.0	0.0
1945	BN	6500.0	6500.0	0.0	0.0
1946	BN	6500.0	6500.0	0.0	0.0
1947	D	5000.0	5000.0	0.0	0.0
1948	BN	6500.0	6500.0	0.0	0.0
1949	D	5000.0	5000.0	0.0	0.0
1950	BN	6500.0	6500.0	0.0	0.0
1951	AN	9777.6	9816.4	38.8	0.4
1952	W	8000.0	8000.0	0.0	0.0
1953	W	8000.0	9179.5	1179.5	14.7
1954	AN	8000.0	8005.6	5.6	0.1
1955	D	5000.0	5000.0	0.0	0.0
1956	W	8000.0	8009.2	9.2	0.1
1957	AN	8000.0	8543.1	543.1	6.8
1958	W	8000.0	8000.0	0.0	0.0
1959	BN	7999.5	8218.1	218.6	2.7
1960	D	5000.0	5488.7	488.7	9.8
1961	D	5000.0	5000.0	0.0	0.0
1962	BN	6670.0	7278.8	608.7	9.1
1963	W	10085.0	10466.1	381.1	3.8
1964	D	5000.0	5000.0	0.0	0.0
1965	W	10316.6	9431.6	-885.0	-8.6
1966	BN	7052.1	6918.9	-133.3	-1.9
1967	W	8975.8	9075.8	100.1	1.1
1968	BN	7227.8	7425.1	197.3	2.7
1969	W	8000.0	8000.0	0.0	0.0
1970	W	12224.1	12067.0	-157.1	-1.3
1971	W	10075.9	11399.3	1323.4	13.1
1972	BN	6500.0	6500.0	0.0	0.0
1973	AN	8000.0	8000.0	0.0	0.0
1974	W	8000.0	8000.0	0.0	0.0
1975	W	8000.0	8000.0	0.0	0.0
1976	C	7676.8	7168.2	-508.6	-6.6
1977	C	5661.5	6168.5	507.0	9.0
1978	AN	8000.0	8000.0	0.0	0.0
1979	BN	6500.0	6500.0	0.0	0.0
1980	AN	8000.0	8000.0	0.0	0.0
1981	D	5000.0	5000.0	0.0	0.0
1982	W	8000.0	8000.0	0.0	0.0
1983	W	27520.3	27381.9	-138.3	-0.5
1984	W	10633.2	9025.0	-1608.2	-15.1
1985	D	5000.0	5000.0	0.0	0.0
1986	W	8000.0	8000.0	0.0	0.0
1987	D	5000.0	5000.0	0.0	0.0
1988	C	4000.0	4000.0	0.0	0.0
1989	D	5000.0	5000.0	0.0	0.0
1990	C	4861.5	4782.1	-79.4	-1.6
1991	C	4267.8	4755.7	487.9	11.4
1992	C	4000.0	4000.0	0.0	0.0
1993	AN	8000.0	8000.0	0.0	0.0
	Mean:	7149.0	7220.6	71.6	1.3
	Median:	6585.0	7043.5	0.0	0.0
	Min:	4000.0	4000.0	-1608.2	-15.1
	Max:	27520.3	27381.9	1929.1	32.8

Delta Outflow

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4000.0	4000.0	0.0	0.0
1923	BN	4000.0	4128.9	128.9	3.2
1924	C	3860.6	3853.0	-7.6	-0.2
1925	D	6304.9	6280.8	-24.1	-0.4
1926	D	5472.3	5970.6	498.3	9.1
1927	W	4000.0	4000.0	0.0	0.0
1928	AN	4000.0	4000.0	0.0	0.0
1929	C	4689.1	4893.9	204.9	4.4
1930	D	6057.4	5627.5	-429.9	-7.1
1931	C	3295.1	3000.0	-295.1	-9.0
1932	D	4670.8	4638.2	-32.5	-0.7
1933	C	5175.9	5048.3	-127.6	-2.5
1934	C	4847.3	4873.2	25.9	0.5
1935	BN	4000.0	4000.0	0.0	0.0
1936	BN	4000.0	5602.8	1602.8	40.1
1937	BN	4207.8	5405.6	1197.8	28.5
1938	W	4000.0	4000.0	0.0	0.0
1939	D	4023.1	4023.6	0.5	0.0
1940	AN	4000.0	4762.9	762.9	19.1
1941	W	4866.4	5118.4	252.0	5.2
1942	W	4000.0	4000.0	0.0	0.0
1943	W	4000.0	4000.0	0.0	0.0
1944	D	3500.0	5450.2	1950.2	55.7
1945	BN	4149.2	4850.2	701.0	16.9
1946	BN	4000.0	4000.0	0.0	0.0
1947	D	3742.8	5240.2	1497.5	40.0
1948	BN	4000.0	4000.0	0.0	0.0
1949	D	5122.7	5796.9	674.2	13.2
1950	BN	4491.3	6005.2	1513.9	33.7
1951	AN	4000.0	4000.0	0.0	0.0
1952	W	4000.0	4514.9	514.9	12.9
1953	W	4000.0	4000.0	0.0	0.0
1954	AN	4000.0	4093.2	93.2	2.3
1955	D	4895.6	5296.6	401.0	8.2
1956	W	4000.0	4000.0	0.0	0.0
1957	AN	4127.3	4515.3	388.0	9.4
1958	W	4000.0	4952.0	952.0	23.8
1959	BN	4000.0	4000.0	0.0	0.0
1960	D	3967.1	5974.3	2007.2	50.6
1961	D	4254.1	4129.7	-124.4	-2.9
1962	BN	4000.0	4000.0	0.0	0.0
1963	W	4000.0	4000.0	0.0	0.0
1964	D	4397.5	5354.0	956.5	21.8
1965	W	4000.0	4532.0	532.0	13.3
1966	BN	4000.0	4076.4	76.4	1.9
1967	W	4000.0	4304.4	304.4	7.6
1968	BN	4000.0	4000.0	0.0	0.0
1969	W	4000.0	4000.0	0.0	0.0
1970	W	4000.0	4000.0	0.0	0.0
1971	W	4000.0	4000.0	0.0	0.0
1972	BN	4000.0	5022.1	1022.1	25.6
1973	AN	4000.0	4000.0	0.0	0.0
1974	W	4000.0	4493.8	493.8	12.3
1975	W	4000.0	4000.0	0.0	0.0
1976	C	3000.0	3051.0	51.0	1.7
1977	C	3399.9	3187.8	-212.1	-6.2
1978	AN	4110.7	4262.9	152.2	3.7
1979	BN	4000.0	4675.0	675.0	16.9
1980	AN	5073.5	5399.4	326.0	6.4
1981	D	3933.2	4821.3	888.1	22.6
1982	W	4083.4	4759.0	675.6	16.5
1983	W	8611.5	10829.3	2217.8	25.8
1984	W	4000.0	4000.0	0.0	0.0
1985	D	4379.8	4379.0	-0.8	0.0
1986	W	5698.2	5462.6	-235.7	-4.1
1987	D	3500.0	3649.7	149.7	4.3
1988	C	5086.8	4912.4	-174.4	-3.4
1989	D	4391.3	4242.7	-148.6	-3.4
1990	C	4584.4	4811.2	226.8	4.9
1991	C	4990.9	4701.2	-289.7	-5.8
1992	C	3908.6	4911.4	1002.8	25.7
1993	AN	4000.0	4000.0	0.0	0.0
	Mean:	4289.9	4609.5	319.7	7.5
	Median:	4000.0	4341.7	0.3	0.0
	Min:	3000.0	3000.0	-429.9	-9.0
	Max:	8611.5	10829.3	2217.8	55.7

Delta Outflow

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Flow (cfs)	Future No Action Flow (cfs)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3000.0	3894.6	894.6	29.8
1923	BN	3289.1	3862.5	573.4	17.4
1924	C	3000.0	3000.0	0.0	0.0
1925	D	3000.0	3000.0	0.0	0.0
1926	D	3000.0	3000.0	0.0	0.0
1927	W	3000.0	3525.4	525.4	17.5
1928	AN	3000.0	3000.0	0.0	0.0
1929	C	3000.0	3000.0	0.0	0.0
1930	D	3000.0	3000.0	0.0	0.0
1931	C	3000.0	3000.0	0.0	0.0
1932	D	3000.0	3000.0	0.0	0.0
1933	C	3000.0	3000.0	0.0	0.0
1934	C	3000.0	3000.0	0.0	0.0
1935	BN	3105.4	3489.6	384.2	12.4
1936	BN	3000.0	3000.0	0.0	0.0
1937	BN	3000.0	3000.0	0.0	0.0
1938	W	4914.8	4582.4	-332.4	-6.8
1939	D	3000.0	3000.0	0.0	0.0
1940	AN	3138.2	4062.6	924.4	29.5
1941	W	5522.5	5291.1	-231.5	-4.2
1942	W	4709.4	6531.3	1821.9	38.7
1943	W	3000.0	3418.7	418.7	14.0
1944	D	3000.0	3000.0	0.0	0.0
1945	BN	3000.0	3000.0	0.0	0.0
1946	BN	3028.1	3990.8	962.7	31.8
1947	D	3000.0	3000.0	0.0	0.0
1948	BN	3557.1	4126.9	569.8	16.0
1949	D	3000.0	3000.0	0.0	0.0
1950	BN	3105.9	3340.8	234.9	7.6
1951	AN	3269.1	3669.6	400.5	12.3
1952	W	7669.5	9522.0	1852.5	24.2
1953	W	6091.6	7593.6	1502.0	24.7
1954	AN	3201.8	3947.2	745.3	23.3
1955	D	3000.0	3000.0	0.0	0.0
1956	W	5755.8	7466.7	1710.9	29.7
1957	AN	3478.1	3208.5	-269.6	-7.8
1958	W	7384.3	9325.1	1940.8	26.3
1959	BN	3614.8	4116.2	501.4	13.9
1960	D	3000.0	3000.0	0.0	0.0
1961	D	3000.0	3000.0	0.0	0.0
1962	BN	3630.0	3650.8	20.8	0.6
1963	W	3685.7	3697.3	11.5	0.3
1964	D	3195.9	3222.6	26.8	0.8
1965	W	3006.0	3859.6	853.6	28.4
1966	BN	3335.5	3158.9	-176.6	-5.3
1967	W	9547.2	11581.0	2033.8	21.3
1968	BN	3000.0	3329.3	329.3	11.0
1969	W	6827.7	5749.9	-1077.8	-15.8
1970	W	3508.7	4053.9	545.2	15.5
1971	W	5442.4	7384.6	1942.2	35.7
1972	BN	3000.0	3130.0	130.0	4.3
1973	AN	3262.5	3206.7	-55.8	-1.7
1974	W	8316.7	10016.2	1699.5	20.4
1975	W	7437.7	9179.6	1741.9	23.4
1976	C	3000.0	3000.0	0.0	0.0
1977	C	3000.0	3000.0	0.0	0.0
1978	AN	4186.1	3655.0	-531.1	-12.7
1979	BN	3000.0	3000.0	0.0	0.0
1980	AN	3638.1	4214.4	576.3	15.8
1981	D	3203.1	3011.4	-191.7	-6.0
1982	W	7807.3	8756.1	948.8	12.2
1983	W	20134.0	22013.2	1879.2	9.3
1984	W	3421.8	3000.0	-421.8	-12.3
1985	D	4459.9	4471.1	11.2	0.3
1986	W	3543.1	3492.3	-50.8	-1.4
1987	D	3000.0	3000.0	0.0	0.0
1988	C	3000.0	3000.0	0.0	0.0
1989	D	3529.9	3440.6	-89.3	-2.5
1990	C	3000.0	3000.0	0.0	0.0
1991	C	3000.0	3000.0	0.0	0.0
1992	C	3000.0	3000.0	0.0	0.0
1993	AN	3458.8	3665.0	206.2	6.0
	Mean:	4061.3	4415.3	354.0	6.9
	Median:	3105.6	3335.0	0.0	0.0
	Min:	3000.0	3000.0	-1077.8	-15.8
	Max:	20134.0	22013.2	2033.8	38.7

Delta E/I Ratio

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	62.7	64.0	1.4	2.2
1923	BN	65.0	63.7	-1.3	-2.0
1924	C	63.7	63.2	-0.5	-0.8
1925	D	51.9	51.9	-0.1	-0.2
1926	D	53.5	53.1	-0.4	-0.7
1927	W	52.1	51.5	-0.5	-1.0
1928	AN	64.7	64.9	0.2	0.3
1929	C	52.8	52.0	-0.9	-1.7
1930	D	44.6	45.9	1.3	2.9
1931	C	54.7	50.9	-3.8	-6.9
1932	D	39.2	43.2	4.0	10.2
1933	C	52.4	51.2	-1.2	-2.3
1934	C	50.8	50.1	-0.7	-1.4
1935	BN	46.8	46.4	-0.3	-0.6
1936	BN	61.2	57.3	-3.9	-6.4
1937	BN	61.4	53.3	-8.1	-13.2
1938	W	60.0	57.2	-2.8	-4.7
1939	D	46.1	49.6	3.4	7.4
1940	AN	45.4	48.1	2.7	5.9
1941	W	61.5	62.7	1.1	1.8
1942	W	63.7	65.0	1.3	2.0
1943	W	55.4	62.3	6.9	12.5
1944	D	65.0	59.1	-5.9	-9.1
1945	BN	48.1	57.4	9.3	19.3
1946	BN	65.0	62.6	-2.4	-3.7
1947	D	58.7	62.9	4.3	7.3
1948	BN	42.2	55.1	12.9	30.6
1949	D	58.8	61.2	2.4	4.1
1950	BN	48.1	49.8	1.7	3.5
1951	AN	65.0	63.3	-1.7	-2.6
1952	W	64.3	65.0	0.7	1.1
1953	W	42.0	47.8	5.9	14.1
1954	AN	65.0	65.0	0.0	0.0
1955	D	57.6	60.9	3.3	5.7
1956	W	46.1	47.0	0.9	2.0
1957	AN	51.0	58.0	7.0	13.7
1958	W	54.7	54.4	-0.3	-0.5
1959	BN	46.6	55.4	8.8	18.9
1960	D	59.5	57.0	-2.5	-4.2
1961	D	43.2	46.8	3.6	8.3
1962	BN	45.2	45.7	0.5	1.1
1963	W	29.0	29.4	0.4	1.4
1964	D	65.0	65.0	0.0	0.0
1965	W	50.9	58.3	7.4	14.5
1966	BN	64.0	61.3	-2.6	-4.1
1967	W	55.0	54.6	-0.5	-0.9
1968	BN	41.1	46.5	5.5	13.4
1969	W	54.6	55.4	0.9	1.6
1970	W	45.4	48.8	3.3	7.3
1971	W	64.1	64.2	0.1	0.2
1972	BN	63.5	65.0	1.5	2.4
1973	AN	55.2	59.0	3.8	6.9
1974	W	65.0	65.0	0.0	0.0
1975	W	56.7	65.0	8.3	14.6
1976	C	48.6	55.7	7.1	14.6
1977	C	49.9	47.0	-2.9	-5.8
1978	AN	43.5	42.0	-1.5	-3.4
1979	BN	64.7	61.8	-2.9	-4.5
1980	AN	58.8	62.6	3.8	6.5
1981	D	64.8	62.4	-2.4	-3.7
1982	W	53.6	56.6	3.0	5.6
1983	W	33.4	37.4	4.1	12.3
1984	W	14.8	24.5	9.7	65.8
1985	D	65.0	65.0	0.0	0.0
1986	W	61.7	61.0	-0.8	-1.3
1987	D	65.0	58.9	-6.1	-9.4
1988	C	40.9	41.2	0.4	1.0
1989	D	46.1	46.3	0.1	0.2
1990	C	55.5	53.5	-2.1	-3.8
1991	C	50.0	48.0	-1.9	-3.8
1992	C	53.1	51.3	-1.8	-3.4
1993	AN	42.6	49.7	7.1	16.6
	Mean:	53.6	54.8	1.2	3.5
	Median:	54.6	55.6	0.3	0.7
	Min:	14.8	24.5	-8.1	-13.2
	Max:	65.0	65.0	12.9	65.8

Delta E/I Ratio

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	58.7	59.8	1.1	1.9
1923	BN	55.5	59.9	4.4	7.9
1924	C	38.1	39.1	1.0	2.6
1925	D	35.5	38.4	3.0	8.5
1926	D	37.4	36.6	-0.8	-2.1
1927	W	47.5	46.3	-1.2	-2.5
1928	AN	49.7	53.6	3.8	7.6
1929	C	53.8	53.1	-0.7	-1.3
1930	D	25.1	26.5	1.4	5.6
1931	C	31.6	34.7	3.1	9.8
1932	D	32.9	26.3	-6.7	-20.4
1933	C	37.7	38.3	0.6	1.6
1934	C	17.1	19.3	2.2	12.9
1935	BN	42.1	44.0	2.0	4.8
1936	BN	42.9	46.5	3.6	8.4
1937	BN	37.9	40.6	2.7	7.1
1938	W	41.2	41.4	0.2	0.5
1939	D	65.0	61.3	-3.7	-5.7
1940	AN	51.5	46.9	-4.6	-8.9
1941	W	46.0	49.3	3.3	7.2
1942	W	61.7	61.4	-0.4	-0.6
1943	W	56.8	65.0	8.2	14.4
1944	D	46.1	49.5	3.4	7.4
1945	BN	62.0	57.9	-4.1	-6.6
1946	BN	50.6	51.5	0.9	1.8
1947	D	57.1	50.0	-7.0	-12.3
1948	BN	58.3	45.0	-13.3	-22.8
1949	D	53.8	48.6	-5.1	-9.5
1950	BN	41.6	39.7	-2.0	-4.8
1951	AN	20.6	21.2	0.6	2.9
1952	W	52.9	53.4	0.4	0.8
1953	W	62.4	64.9	2.5	4.0
1954	AN	56.3	63.8	7.5	13.3
1955	D	57.6	56.7	-0.9	-1.6
1956	W	52.2	54.5	2.3	4.4
1957	AN	64.5	60.7	-3.8	-5.9
1958	W	64.7	64.9	0.2	0.3
1959	BN	65.0	61.0	-4.0	-6.2
1960	D	38.9	38.5	-0.3	-0.8
1961	D	62.2	50.8	-11.4	-18.3
1962	BN	58.5	54.1	-4.4	-7.5
1963	W	60.9	65.0	4.1	6.7
1964	D	37.8	39.5	1.8	4.8
1965	W	63.1	53.9	-9.2	-14.6
1966	BN	39.5	46.9	7.4	18.7
1967	W	62.5	60.1	-2.4	-3.8
1968	BN	61.4	64.1	2.8	4.6
1969	W	61.5	56.2	-5.4	-8.8
1970	W	53.7	65.0	11.3	21.1
1971	W	51.7	51.6	-0.1	-0.2
1972	BN	61.4	63.2	1.8	2.9
1973	AN	51.2	52.5	1.3	2.5
1974	W	16.6	17.7	1.1	6.6
1975	W	61.7	63.5	1.7	2.8
1976	C	60.2	65.0	4.8	8.0
1977	C	55.9	51.1	-4.8	-8.6
1978	AN	29.8	30.9	1.1	3.7
1979	BN	49.6	52.3	2.7	5.4
1980	AN	53.8	49.1	-4.7	-8.7
1981	D	56.6	50.0	-6.6	-11.7
1982	W	30.1	30.4	0.4	1.3
1983	W	23.2	24.0	0.8	3.5
1984	W	5.3	5.5	0.2	3.8
1985	D	30.7	33.3	2.5	8.1
1986	W	54.2	53.8	-0.4	-0.7
1987	D	47.8	46.7	-1.1	-2.3
1988	C	54.1	49.7	-4.4	-8.1
1989	D	36.2	39.4	3.2	8.8
1990	C	45.3	45.0	-0.3	-0.7
1991	C	14.4	19.5	5.1	35.3
1992	C	18.5	22.1	3.6	19.5
1993	AN	34.4	23.5	-10.9	-31.7
	Mean:	46.9	46.7	-0.1	0.9
	Median:	51.4	49.6	0.6	1.9
	Min:	5.3	5.5	-13.3	-31.7
	Max:	65.0	65.0	11.3	35.3

Delta E/I Ratio

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	50.5	49.0	-1.5	-3.0
1923	BN	28.4	30.3	1.9	6.7
1924	C	63.1	58.7	-4.4	-7.0
1925	D	40.9	42.6	1.7	4.2
1926	D	41.9	44.4	2.4	5.7
1927	W	50.3	52.2	1.9	3.8
1928	AN	57.2	58.7	1.5	2.6
1929	C	54.9	55.0	0.1	0.2
1930	D	50.6	51.6	1.0	2.0
1931	C	46.7	34.4	-12.3	-26.3
1932	D	44.8	44.3	-0.5	-1.1
1933	C	42.9	50.0	7.1	16.6
1934	C	56.9	56.3	-0.6	-1.1
1935	BN	54.8	55.9	1.1	2.0
1936	BN	63.2	56.2	-7.0	-11.1
1937	BN	65.0	58.3	-6.7	-10.3
1938	W	12.2	12.5	0.3	2.5
1939	D	52.0	60.3	8.3	15.9
1940	AN	53.1	48.1	-4.9	-9.2
1941	W	21.5	22.5	1.0	4.7
1942	W	11.9	16.7	4.8	40.3
1943	W	30.7	35.3	4.6	15.0
1944	D	62.1	59.3	-2.8	-4.5
1945	BN	53.0	53.7	0.7	1.3
1946	BN	14.9	15.5	0.7	4.7
1947	D	58.1	57.6	-0.5	-0.9
1948	BN	43.4	48.4	5.1	11.8
1949	D	55.4	55.9	0.5	0.9
1950	BN	42.9	50.5	7.6	17.7
1951	AN	8.7	9.3	0.6	6.9
1952	W	22.6	23.5	0.9	4.0
1953	W	12.1	20.1	8.0	66.2
1954	AN	59.5	48.9	-10.6	-17.8
1955	D	40.2	40.2	-0.1	-0.2
1956	W	10.9	11.5	0.7	6.4
1957	AN	50.6	63.2	12.6	24.9
1958	W	42.0	42.8	0.8	1.9
1959	BN	59.7	59.3	-0.4	-0.7
1960	D	52.6	54.7	2.1	4.0
1961	D	49.0	54.9	5.9	12.0
1962	BN	48.3	53.2	4.9	10.1
1963	W	37.1	37.8	0.8	2.2
1964	D	55.5	59.6	4.0	7.2
1965	W	13.1	13.7	0.5	3.8
1966	BN	51.8	57.3	5.5	10.6
1967	W	24.9	25.3	0.4	1.6
1968	BN	53.3	58.4	5.1	9.6
1969	W	40.0	40.8	0.8	2.0
1970	W	9.2	11.8	2.6	28.2
1971	W	16.2	17.1	0.9	5.6
1972	BN	51.5	54.9	3.3	6.4
1973	AN	38.0	42.1	4.2	11.1
1974	W	14.8	15.3	0.5	3.4
1975	W	55.0	54.9	0.0	0.0
1976	C	59.1	60.1	1.1	1.9
1977	C	41.0	38.6	-2.4	-5.9
1978	AN	56.1	56.2	0.1	0.2
1979	BN	43.8	56.5	12.7	29.0
1980	AN	48.2	48.3	0.1	0.2
1981	D	51.2	46.6	-4.6	-9.0
1982	W	10.9	11.5	0.6	5.5
1983	W	11.6	12.0	0.4	3.4
1984	W	2.4	2.7	0.3	12.4
1985	D	44.2	45.1	0.8	1.8
1986	W	53.7	55.5	1.9	3.5
1987	D	51.3	49.8	-1.5	-2.9
1988	C	53.3	52.8	-0.5	-0.9
1989	D	50.4	50.4	0.1	0.2
1990	C	61.0	58.2	-2.8	-4.6
1991	C	35.3	39.0	3.8	10.8
1992	C	39.2	21.4	-17.9	-45.6
1993	AN	54.5	59.8	5.3	9.7
	Mean:	41.8	42.6	0.9	4.2
	Median:	48.3	49.0	0.8	3.0
	Min:	2.4	2.7	-17.9	-45.6
	Max:	65.0	63.2	12.7	66.2

Delta E/I Ratio

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	60.5	59.6	-1.0	-1.7
1923	BN	31.4	34.5	3.1	9.9
1924	C	49.8	49.5	-0.4	-0.8
1925	D	55.4	56.0	0.6	1.1
1926	D	53.1	52.3	-0.8	-1.5
1927	W	29.0	22.1	-6.9	-23.8
1928	AN	40.5	43.5	3.0	7.4
1929	C	55.0	56.0	1.0	1.8
1930	D	48.7	49.7	1.0	2.1
1931	C	50.6	52.7	2.1	4.1
1932	D	45.6	48.4	2.8	6.1
1933	C	38.4	22.9	-15.5	-40.4
1934	C	46.6	44.2	-2.4	-5.2
1935	BN	32.6	34.0	1.4	4.3
1936	BN	22.8	25.7	2.9	12.7
1937	BN	59.3	60.1	0.8	1.3
1938	W	23.2	23.0	-0.2	-0.9
1939	D	44.2	52.9	8.6	19.4
1940	AN	30.1	31.1	1.0	3.3
1941	W	11.4	11.9	0.5	4.4
1942	W	6.9	13.5	6.5	93.5
1943	W	11.1	12.0	1.0	9.0
1944	D	52.1	54.0	1.8	3.5
1945	BN	55.5	56.8	1.3	2.3
1946	BN	20.9	21.4	0.5	2.4
1947	D	49.3	50.8	1.5	3.0
1948	BN	53.1	51.6	-1.5	-2.8
1949	D	49.4	49.1	-0.3	-0.6
1950	BN	47.4	50.5	3.0	6.3
1951	AN	11.9	11.9	0.0	0.0
1952	W	12.8	13.5	0.7	5.5
1953	W	6.7	8.3	1.6	23.8
1954	AN	29.3	29.9	0.6	2.0
1955	D	49.6	50.8	1.2	2.4
1956	W	6.8	7.3	0.5	7.3
1957	AN	57.0	49.8	-7.2	-12.6
1958	W	24.3	26.7	2.4	9.9
1959	BN	25.0	29.1	4.2	16.8
1960	D	53.8	51.8	-1.9	-3.5
1961	D	55.0	58.0	3.0	5.5
1962	BN	46.7	50.9	4.2	9.0
1963	W	57.4	57.7	0.3	0.5
1964	D	41.0	42.0	1.0	2.4
1965	W	9.5	10.2	0.6	6.3
1966	BN	32.8	34.8	2.0	6.1
1967	W	20.8	22.2	1.4	6.7
1968	BN	24.8	29.7	4.9	19.7
1969	W	9.6	10.0	0.4	4.2
1970	W	2.8	3.2	0.4	14.2
1971	W	20.3	20.9	0.6	3.0
1972	BN	51.2	58.9	7.7	15.0
1973	AN	12.7	13.2	0.6	4.7
1974	W	8.7	8.9	0.2	2.3
1975	W	52.6	59.7	7.1	13.5
1976	C	60.2	49.7	-10.5	-17.5
1977	C	36.8	41.8	5.0	13.6
1978	AN	16.2	16.7	0.5	3.1
1979	BN	39.8	44.7	4.9	12.3
1980	AN	10.9	11.3	0.3	2.7
1981	D	45.7	46.4	0.7	1.5
1982	W	14.3	14.9	0.6	4.2
1983	W	5.9	5.8	-0.1	-1.7
1984	W	7.9	8.4	0.5	6.3
1985	D	59.7	59.4	-0.3	-0.5
1986	W	42.9	44.0	1.0	2.3
1987	D	52.3	49.8	-2.5	-4.8
1988	C	36.2	37.0	0.8	2.2
1989	D	44.3	43.9	-0.4	-0.9
1990	C	50.5	51.2	0.7	1.4
1991	C	23.5	30.8	7.3	31.0
1992	C	38.0	53.4	15.4	40.6
1993	AN	17.4	18.2	0.8	4.6
	Mean:	34.7	35.8	1.1	5.4
	Median:	38.2	41.9	0.8	3.2
	Min:	2.8	3.2	-15.5	-40.4
	Max:	60.5	60.1	15.4	93.5

Delta E/I Ratio

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	25.4	27.0	1.6	6.3
1923	BN	35.0	35.0	0.0	0.0
1924	C	45.0	45.0	0.0	0.0
1925	D	15.1	16.6	1.5	9.9
1926	D	25.3	23.0	-2.3	-9.1
1927	W	6.6	6.6	0.0	0.0
1928	AN	35.0	35.1	0.1	0.3
1929	C	45.0	45.0	0.0	0.0
1930	D	37.0	37.0	0.0	0.0
1931	C	37.0	37.7	0.7	1.9
1932	D	38.0	38.0	0.0	0.0
1933	C	38.4	35.2	-3.2	-8.3
1934	C	28.0	24.6	-3.4	-12.1
1935	BN	35.0	30.2	-4.8	-13.7
1936	BN	12.8	13.7	0.8	6.2
1937	BN	23.5	22.1	-1.5	-6.4
1938	W	5.3	6.0	0.7	13.3
1939	D	45.0	45.0	0.0	0.0
1940	AN	17.7	18.5	0.8	4.5
1941	W	9.2	9.5	0.3	3.3
1942	W	4.9	5.5	0.6	12.3
1943	W	15.9	16.6	0.7	4.4
1944	D	40.7	41.6	0.9	2.2
1945	BN	22.8	21.4	-1.4	-6.1
1946	BN	11.5	27.4	15.9	137.7
1947	D	45.0	45.0	0.0	0.0
1948	BN	30.7	28.1	-2.6	-8.5
1949	D	45.0	45.0	0.0	0.0
1950	BN	29.8	30.9	1.1	3.7
1951	AN	11.7	11.6	0.0	0.0
1952	W	13.9	14.4	0.5	3.6
1953	W	25.6	24.0	-1.6	-6.3
1954	AN	16.8	17.1	0.3	1.8
1955	D	26.6	35.1	8.5	31.9
1956	W	10.5	8.5	-2.0	-19.1
1957	AN	28.9	29.2	0.3	1.0
1958	W	5.2	6.4	1.2	23.2
1959	BN	22.0	20.9	-1.1	-5.0
1960	D	36.8	38.3	1.5	4.1
1961	D	39.4	37.8	-1.6	-4.1
1962	BN	24.1	25.3	1.1	4.6
1963	W	14.4	14.3	-0.1	-0.7
1964	D	35.0	29.7	-5.3	-15.1
1965	W	28.8	29.6	0.8	2.8
1966	BN	35.0	35.0	0.0	0.0
1967	W	17.6	18.7	1.1	6.2
1968	BN	13.6	15.0	1.4	10.3
1969	W	8.4	8.7	0.3	3.6
1970	W	8.3	9.4	1.1	13.3
1971	W	16.7	14.1	-2.6	-15.5
1972	BN	37.0	37.0	0.0	0.0
1973	AN	10.9	11.4	0.6	5.5
1974	W	23.0	25.1	2.1	9.1
1975	W	14.9	16.8	1.9	12.7
1976	C	45.0	45.0	0.0	0.0
1977	C	18.6	19.0	0.5	2.7
1978	AN	13.2	13.3	0.1	0.8
1979	BN	19.5	25.8	6.3	32.3
1980	AN	8.4	7.8	-0.6	-7.1
1981	D	35.0	35.0	0.0	0.0
1982	W	10.6	10.9	0.3	2.8
1983	W	2.3	2.7	0.5	22.2
1984	W	16.1	16.0	-0.2	-1.2
1985	D	45.0	45.0	0.0	0.0
1986	W	5.5	5.6	0.1	1.8
1987	D	45.0	45.0	0.0	0.0
1988	C	31.8	31.1	-0.7	-2.2
1989	D	19.6	28.2	8.6	43.9
1990	C	40.0	39.7	-0.3	-0.7
1991	C	14.9	23.6	8.7	58.2
1992	C	35.2	35.3	0.1	0.3
1993	AN	19.3	20.0	0.7	3.6
	Mean:	24.4	24.9	0.5	5.1
	Median:	23.3	24.9	0.1	0.6
	Min:	2.3	2.7	-5.3	-19.1
	Max:	45.0	45.0	15.9	137.7

Delta E/I Ratio

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	29.3	29.8	0.4	1.4
1923	BN	35.0	35.0	0.0	0.0
1924	C	9.1	9.1	0.0	0.0
1925	D	3.8	3.8	0.0	0.0
1926	D	26.5	23.1	-3.4	-12.8
1927	W	17.1	18.6	1.5	8.8
1928	AN	10.9	11.2	0.3	2.8
1929	C	21.7	27.1	5.3	24.4
1930	D	33.2	27.5	-5.7	-17.2
1931	C	22.9	22.9	0.0	0.0
1932	D	32.4	31.1	-1.3	-4.0
1933	C	29.8	30.3	0.5	1.7
1934	C	9.6	8.8	-0.8	-8.4
1935	BN	30.8	18.8	-12.1	-39.2
1936	BN	26.8	26.7	-0.1	-0.4
1937	BN	17.6	17.3	-0.4	-2.3
1938	W	4.9	5.8	0.9	18.4
1939	D	35.0	35.0	0.0	0.0
1940	AN	10.3	10.1	-0.2	-1.9
1941	W	11.4	12.1	0.7	6.1
1942	W	31.6	33.2	1.6	5.1
1943	W	10.1	10.2	0.1	1.0
1944	D	35.0	35.0	0.0	0.0
1945	BN	35.0	31.8	-3.2	-9.1
1946	BN	35.0	35.0	0.0	0.0
1947	D	35.0	35.0	0.0	0.0
1948	BN	35.0	35.0	0.0	0.0
1949	D	23.5	23.9	0.5	2.1
1950	BN	35.0	35.0	0.0	0.0
1951	AN	27.6	28.1	0.5	1.8
1952	W	15.5	16.3	0.8	5.2
1953	W	35.0	35.0	0.0	0.0
1954	AN	21.2	21.6	0.4	1.9
1955	D	35.0	35.0	0.0	0.0
1956	W	20.6	21.4	0.7	3.4
1957	AN	22.6	22.0	-0.6	-2.7
1958	W	10.0	11.8	1.9	19.0
1959	BN	17.6	16.2	-1.4	-7.9
1960	D	35.0	35.0	0.0	0.0
1961	D	35.0	35.0	0.0	0.0
1962	BN	35.0	35.0	0.0	0.0
1963	W	29.0	29.5	0.5	1.7
1964	D	35.0	35.0	0.0	0.0
1965	W	32.7	30.7	-2.0	-6.1
1966	BN	33.2	33.2	0.0	0.0
1967	W	18.1	18.5	0.4	2.2
1968	BN	20.7	23.0	2.2	10.6
1969	W	14.6	17.2	2.7	18.5
1970	W	21.7	22.0	0.3	1.4
1971	W	23.6	24.0	0.5	2.1
1972	BN	29.7	30.2	0.5	1.7
1973	AN	17.4	16.4	-1.0	-5.8
1974	W	10.3	10.5	0.2	1.9
1975	W	12.4	12.4	0.0	0.0
1976	C	35.0	35.0	0.0	0.0
1977	C	15.1	17.7	2.6	17.2
1978	AN	9.4	9.9	0.5	5.3
1979	BN	20.5	24.1	3.6	17.5
1980	AN	12.9	16.0	3.2	24.9
1981	D	31.7	35.0	3.3	10.4
1982	W	13.2	13.5	0.2	1.5
1983	W	2.5	2.9	0.4	15.9
1984	W	26.1	23.6	-2.5	-9.6
1985	D	35.0	35.0	0.0	0.0
1986	W	7.6	7.6	0.0	0.0
1987	D	24.5	30.2	5.7	23.3
1988	C	13.8	14.9	1.0	7.2
1989	D	24.4	22.6	-1.8	-7.4
1990	C	35.0	35.0	0.0	0.0
1991	C	34.4	34.1	-0.3	-0.9
1992	C	35.0	35.0	0.0	0.0
1993	AN	20.2	18.4	-1.8	-8.9
	Mean:	23.6	23.7	0.1	1.7
	Median:	24.0	23.8	0.0	0.0
	Min:	2.5	2.9	-12.1	-39.2
	Max:	35.0	35.0	5.7	24.9

Delta E/I Ratio

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	20.0	19.2	-0.8	-4.0
1923	BN	17.8	17.5	-0.3	-1.7
1924	C	15.5	22.3	6.8	43.9
1925	D	20.7	20.8	0.1	0.5
1926	D	17.7	16.3	-1.4	-7.9
1927	W	12.0	12.0	0.0	0.0
1928	AN	16.6	16.8	0.2	1.2
1929	C	18.2	19.5	1.2	6.6
1930	D	21.6	21.5	0.0	0.0
1931	C	10.6	10.6	0.0	0.0
1932	D	10.1	9.3	-0.8	-7.9
1933	C	14.0	12.6	-1.4	-10.0
1934	C	8.1	8.1	0.0	0.0
1935	BN	9.7	9.2	-0.5	-5.1
1936	BN	17.7	17.3	-0.4	-2.3
1937	BN	16.1	16.1	-0.1	-0.6
1938	W	9.2	9.3	0.0	0.0
1939	D	21.2	18.8	-2.4	-11.3
1940	AN	8.6	8.7	0.1	1.2
1941	W	9.0	9.2	0.2	2.2
1942	W	11.5	11.5	0.0	0.0
1943	W	15.9	15.7	-0.2	-1.3
1944	D	26.1	26.2	0.0	0.0
1945	BN	20.4	20.5	0.1	0.5
1946	BN	24.6	24.8	0.3	1.2
1947	D	21.1	21.1	0.0	0.0
1948	BN	17.7	17.7	0.0	0.0
1949	D	21.0	21.0	0.1	0.5
1950	BN	19.4	19.5	0.0	0.0
1951	AN	20.3	20.3	0.0	0.0
1952	W	7.3	9.2	1.9	25.9
1953	W	22.0	22.1	0.1	0.5
1954	AN	12.7	12.7	0.0	0.0
1955	D	17.0	17.5	0.5	2.9
1956	W	19.6	19.6	0.0	0.0
1957	AN	21.0	21.0	0.0	0.0
1958	W	6.6	7.0	0.5	7.6
1959	BN	24.6	24.8	0.2	0.8
1960	D	21.2	21.2	0.0	0.0
1961	D	21.6	21.6	0.0	0.0
1962	BN	22.9	23.4	0.5	2.2
1963	W	6.0	6.0	0.0	0.0
1964	D	20.2	14.1	-6.0	-29.7
1965	W	12.7	12.4	-0.3	-2.4
1966	BN	23.6	23.7	0.1	0.4
1967	W	13.5	13.8	0.3	2.2
1968	BN	22.3	22.3	0.0	0.0
1969	W	9.0	12.7	3.8	42.4
1970	W	20.0	20.0	0.0	0.0
1971	W	20.2	20.2	0.0	0.0
1972	BN	21.6	21.5	-0.1	-0.5
1973	AN	23.2	23.3	0.1	0.4
1974	W	7.5	7.6	0.1	1.3
1975	W	20.2	20.6	0.4	2.0
1976	C	22.9	23.0	0.1	0.4
1977	C	10.4	10.4	0.0	0.0
1978	AN	11.0	13.9	2.9	26.3
1979	BN	23.3	23.4	0.1	0.4
1980	AN	19.2	19.2	0.0	0.0
1981	D	22.4	22.6	0.3	1.3
1982	W	6.6	6.6	0.0	0.0
1983	W	5.8	6.9	1.1	19.0
1984	W	22.9	23.2	0.3	1.3
1985	D	21.0	21.9	0.9	4.3
1986	W	25.6	21.7	-3.9	-15.2
1987	D	21.1	21.1	0.0	0.0
1988	C	23.3	23.5	0.2	0.9
1989	D	19.6	19.8	0.2	1.0
1990	C	8.4	8.4	0.0	0.0
1991	C	14.7	14.9	0.2	1.4
1992	C	21.6	21.6	0.0	0.0
1993	AN	13.4	13.8	0.3	2.2
	Mean:	17.0	17.0	0.1	1.5
	Median:	19.3	19.2	0.0	0.0
	Min:	5.8	6.0	-6.0	-29.7
	Max:	26.1	26.2	6.8	43.9

Delta E/I Ratio

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	4.9	5.1	0.2	4.0
1923	BN	19.1	14.1	-4.9	-25.7
1924	C	25.6	25.5	-0.1	-0.4
1925	D	11.2	11.5	0.4	3.6
1926	D	10.3	7.6	-2.7	-26.2
1927	W	9.5	9.4	0.0	0.0
1928	AN	17.6	18.7	1.0	5.7
1929	C	13.6	10.1	-3.5	-25.7
1930	D	10.9	11.1	0.1	0.9
1931	C	18.4	17.7	-0.7	-3.8
1932	D	12.8	12.8	0.0	0.0
1933	C	16.3	15.0	-1.3	-8.0
1934	C	11.3	11.5	0.2	1.8
1935	BN	3.7	3.7	0.0	0.0
1936	BN	7.6	7.3	-0.3	-3.9
1937	BN	17.2	17.3	0.0	0.0
1938	W	11.5	11.6	0.1	0.9
1939	D	14.5	15.2	0.7	4.8
1940	AN	17.7	12.5	-5.1	-28.9
1941	W	9.5	13.2	3.7	39.1
1942	W	6.9	6.8	-0.1	-1.5
1943	W	6.2	6.3	0.1	1.6
1944	D	17.8	27.1	9.3	52.3
1945	BN	14.4	19.6	5.2	36.1
1946	BN	14.7	23.6	8.8	59.8
1947	D	18.9	8.5	-10.4	-55.1
1948	BN	4.8	5.0	0.3	6.3
1949	D	15.4	19.5	4.1	26.7
1950	BN	7.3	7.1	-0.1	-1.4
1951	AN	6.2	6.4	0.2	3.2
1952	W	8.6	8.7	0.1	1.2
1953	W	7.6	7.8	0.2	2.6
1954	AN	14.9	14.9	0.0	0.0
1955	D	22.6	22.8	0.2	0.9
1956	W	3.4	3.3	-0.1	-2.9
1957	AN	20.8	16.6	-4.3	-20.6
1958	W	10.8	12.9	2.2	20.4
1959	BN	14.9	20.1	5.2	34.9
1960	D	9.9	16.5	6.5	65.4
1961	D	8.4	13.9	5.6	67.0
1962	BN	11.4	8.6	-2.8	-24.6
1963	W	4.3	10.9	6.7	157.2
1964	D	17.2	16.6	-0.5	-2.9
1965	W	12.3	16.3	4.0	32.5
1966	BN	12.7	18.2	5.5	43.5
1967	W	10.7	12.6	1.9	17.7
1968	BN	14.8	15.2	0.5	3.4
1969	W	10.8	12.1	1.3	12.1
1970	W	7.9	8.4	0.5	6.3
1971	W	13.7	6.9	-6.8	-49.5
1972	BN	22.8	16.8	-6.0	-26.3
1973	AN	11.8	12.0	0.1	0.8
1974	W	5.2	12.7	7.5	143.7
1975	W	7.9	13.8	5.9	74.6
1976	C	16.5	21.0	4.5	27.2
1977	C	14.5	15.5	1.0	6.9
1978	AN	19.4	20.4	1.1	5.7
1979	BN	13.0	12.9	-0.1	-0.8
1980	AN	6.9	6.9	0.0	0.0
1981	D	14.3	25.6	11.3	79.2
1982	W	13.0	14.8	1.8	13.8
1983	W	7.5	7.6	0.1	1.3
1984	W	15.3	15.8	0.5	3.3
1985	D	9.9	9.8	0.0	0.0
1986	W	26.4	19.5	-6.9	-26.2
1987	D	8.9	10.8	1.9	21.5
1988	C	10.3	10.9	0.6	5.8
1989	D	10.6	10.5	-0.1	-0.9
1990	C	16.5	15.8	-0.8	-4.8
1991	C	14.1	15.0	0.9	6.4
1992	C	10.6	11.0	0.4	3.8
1993	AN	6.3	6.3	0.0	0.0
	Mean:	12.4	13.2	0.8	10.6
	Median:	11.7	12.8	0.2	1.7
	Min:	3.4	3.3	-10.4	-55.1
	Max:	26.4	27.1	11.3	157.2

Delta E/I Ratio

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	20.1	20.9	0.8	4.0
1923	BN	35.0	35.0	0.0	0.0
1924	C	9.8	10.0	0.2	2.0
1925	D	28.5	28.8	0.4	1.4
1926	D	31.0	20.8	-10.2	-32.9
1927	W	35.0	35.0	0.0	0.0
1928	AN	34.7	35.0	0.3	0.9
1929	C	21.7	14.9	-6.8	-31.4
1930	D	26.4	31.1	4.7	17.8
1931	C	20.3	11.3	-9.0	-44.3
1932	D	25.8	26.7	0.9	3.5
1933	C	9.7	9.6	0.0	0.0
1934	C	9.0	9.0	0.0	0.0
1935	BN	26.9	27.4	0.6	2.2
1936	BN	32.1	27.0	-5.2	-16.2
1937	BN	31.6	31.1	-0.4	-1.3
1938	W	16.8	16.8	0.0	0.0
1939	D	26.0	28.6	2.6	10.0
1940	AN	35.0	35.0	0.0	0.0
1941	W	26.3	28.2	2.0	7.6
1942	W	28.4	28.1	-0.3	-1.1
1943	W	27.7	27.6	-0.1	-0.4
1944	D	35.0	35.0	0.0	0.0
1945	BN	35.0	35.0	0.0	0.0
1946	BN	35.0	35.0	0.0	0.0
1947	D	31.4	35.0	3.6	11.5
1948	BN	35.0	30.8	-4.2	-12.0
1949	D	33.7	33.7	0.0	0.0
1950	BN	33.5	35.0	1.5	4.5
1951	AN	33.3	35.0	1.7	5.1
1952	W	17.5	17.1	-0.4	-2.3
1953	W	23.4	34.2	10.8	46.1
1954	AN	35.0	35.0	0.0	0.0
1955	D	34.5	34.2	-0.4	-1.2
1956	W	31.3	35.0	3.7	11.8
1957	AN	35.0	35.0	0.0	0.0
1958	W	23.0	22.9	-0.1	-0.4
1959	BN	30.2	35.0	4.8	15.9
1960	D	30.6	34.4	3.8	12.4
1961	D	22.5	23.8	1.3	5.8
1962	BN	30.3	32.7	2.4	7.9
1963	W	32.0	34.6	2.6	8.1
1964	D	35.0	35.0	0.0	0.0
1965	W	35.0	34.8	-0.2	-0.6
1966	BN	34.3	35.0	0.7	2.0
1967	W	17.4	17.1	-0.3	-1.7
1968	BN	31.7	31.2	-0.5	-1.6
1969	W	19.3	18.7	-0.6	-3.1
1970	W	30.8	30.3	-0.5	-1.6
1971	W	35.0	35.0	0.0	0.0
1972	BN	26.7	32.3	5.6	21.0
1973	AN	28.1	31.3	3.2	11.4
1974	W	29.1	29.3	0.2	0.7
1975	W	30.6	29.9	-0.7	-2.3
1976	C	31.7	35.0	3.3	10.4
1977	C	12.0	18.9	6.9	57.6
1978	AN	26.9	27.1	0.3	1.1
1979	BN	29.2	31.2	2.1	7.2
1980	AN	35.0	35.0	0.0	0.0
1981	D	32.0	35.0	3.0	9.4
1982	W	23.9	28.7	4.9	20.5
1983	W	7.7	7.4	-0.3	-3.9
1984	W	31.3	18.6	-12.6	-40.3
1985	D	31.1	31.0	-0.1	-0.3
1986	W	35.0	30.0	-5.0	-14.3
1987	D	15.5	17.2	1.7	10.9
1988	C	9.1	9.0	-0.1	-1.1
1989	D	25.0	28.4	3.4	13.6
1990	C	11.3	11.3	0.0	0.0
1991	C	20.6	18.9	-1.6	-7.8
1992	C	11.7	20.5	8.7	74.2
1993	AN	22.6	29.3	6.6	29.1
	Mean:	26.9	27.5	0.6	3.1
	Median:	29.7	30.1	0.0	0.0
	Min:	7.7	7.4	-12.6	-44.3
	Max:	35.0	35.0	10.8	74.2

Delta E/I Ratio

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	48.3	48.3	-0.1	-0.2
1923	BN	48.7	51.7	3.0	6.2
1924	C	8.1	8.4	0.3	3.7
1925	D	51.8	51.7	-0.1	-0.2
1926	D	41.9	41.1	-0.8	-1.9
1927	W	32.1	36.2	4.1	12.8
1928	AN	38.5	38.3	-0.2	-0.5
1929	C	31.0	31.2	0.2	0.6
1930	D	51.2	43.5	-7.7	-15.0
1931	C	18.7	15.6	-3.1	-16.6
1932	D	34.9	34.1	-0.8	-2.3
1933	C	30.0	28.8	-1.2	-4.0
1934	C	28.6	29.6	1.1	3.9
1935	BN	46.3	45.5	-0.8	-1.7
1936	BN	45.7	46.1	0.4	0.9
1937	BN	38.1	45.9	7.8	20.5
1938	W	46.9	46.9	0.0	0.0
1939	D	49.0	48.3	-0.7	-1.4
1940	AN	47.6	47.7	0.1	0.2
1941	W	47.8	46.5	-1.2	-2.5
1942	W	44.1	46.7	2.6	5.9
1943	W	37.8	37.7	-0.1	-0.3
1944	D	47.5	47.8	0.3	0.6
1945	BN	50.0	50.0	0.1	0.2
1946	BN	51.1	51.1	0.0	0.0
1947	D	50.8	47.5	-3.3	-6.5
1948	BN	50.8	50.8	0.0	0.0
1949	D	53.1	53.9	0.8	1.5
1950	BN	48.8	49.2	0.4	0.8
1951	AN	40.9	40.2	-0.6	-1.5
1952	W	47.0	47.0	0.1	0.2
1953	W	42.7	35.7	-7.0	-16.4
1954	AN	46.2	46.7	0.5	1.1
1955	D	48.7	40.4	-8.3	-17.0
1956	W	38.9	30.6	-8.3	-21.3
1957	AN	44.2	45.7	1.5	3.4
1958	W	47.5	47.5	0.0	0.0
1959	BN	44.0	45.9	1.9	4.3
1960	D	54.2	46.6	-7.6	-14.0
1961	D	51.9	50.1	-1.8	-3.5
1962	BN	48.4	47.8	-0.6	-1.2
1963	W	31.2	35.7	4.6	14.8
1964	D	54.8	54.9	0.0	0.0
1965	W	34.2	35.8	1.7	5.0
1966	BN	47.4	47.5	0.0	0.0
1967	W	46.2	44.9	-1.3	-2.8
1968	BN	42.2	43.2	1.1	2.6
1969	W	46.8	46.7	0.0	0.0
1970	W	33.2	31.9	-1.4	-4.2
1971	W	41.7	41.1	-0.6	-1.4
1972	BN	48.1	48.8	0.8	1.7
1973	AN	48.2	45.7	-2.5	-5.2
1974	W	47.8	47.8	0.0	0.0
1975	W	47.4	47.4	0.0	0.0
1976	C	27.4	30.2	2.8	10.2
1977	C	20.5	23.1	2.6	12.7
1978	AN	47.8	47.8	0.0	0.0
1979	BN	51.6	45.8	-5.8	-11.2
1980	AN	45.2	49.1	3.8	8.4
1981	D	54.5	54.6	0.1	0.2
1982	W	47.1	47.1	0.0	0.0
1983	W	26.9	26.1	-0.8	-3.0
1984	W	35.4	30.1	-5.2	-14.7
1985	D	55.0	54.9	-0.1	-0.2
1986	W	44.4	44.8	0.4	0.9
1987	D	44.8	44.6	-0.2	-0.4
1988	C	34.9	30.2	-4.7	-13.5
1989	D	51.9	49.5	-2.4	-4.6
1990	C	13.8	27.9	14.1	102.3
1991	C	18.0	12.8	-5.2	-28.9
1992	C	34.0	33.0	-1.0	-2.9
1993	AN	47.9	47.9	0.0	0.0
	Mean:	42.3	41.9	-0.4	0.1
	Median:	46.3	45.9	0.0	0.0
	Min:	8.1	8.4	-8.3	-28.9
	Max:	55.0	54.9	14.1	102.3

Delta E/I Ratio

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	58.5	62.8	4.3	7.4
1923	BN	62.2	62.3	0.1	0.2
1924	C	34.4	35.5	1.1	3.2
1925	D	34.6	25.9	-8.6	-24.9
1926	D	44.8	38.8	-6.0	-13.4
1927	W	61.6	61.5	0.0	0.0
1928	AN	53.3	54.5	1.2	2.3
1929	C	12.6	12.4	-0.2	-1.6
1930	D	46.4	45.7	-0.8	-1.7
1931	C	43.5	44.9	1.4	3.2
1932	D	36.6	35.0	-1.6	-4.4
1933	C	9.7	10.0	0.2	2.1
1934	C	10.3	10.3	0.0	0.0
1935	BN	61.4	58.9	-2.5	-4.1
1936	BN	59.7	55.4	-4.2	-7.0
1937	BN	57.1	34.5	-22.6	-39.6
1938	W	56.3	57.4	1.1	2.0
1939	D	56.0	56.6	0.7	1.3
1940	AN	61.2	58.2	-3.0	-4.9
1941	W	58.6	55.9	-2.7	-4.6
1942	W	60.8	60.7	-0.1	-0.2
1943	W	62.1	61.0	-1.1	-1.8
1944	D	63.4	51.2	-12.1	-19.1
1945	BN	60.0	57.9	-2.1	-3.5
1946	BN	61.6	61.4	-0.2	-0.3
1947	D	57.1	49.3	-7.8	-13.7
1948	BN	61.3	61.1	-0.2	-0.3
1949	D	48.7	32.4	-16.3	-33.5
1950	BN	59.2	54.5	-4.7	-7.9
1951	AN	62.3	62.3	0.0	0.0
1952	W	60.6	58.9	-1.8	-3.0
1953	W	61.5	61.8	0.3	0.5
1954	AN	62.1	62.5	0.4	0.6
1955	D	40.8	22.8	-18.0	-44.1
1956	W	61.1	60.7	-0.4	-0.7
1957	AN	61.6	55.4	-6.2	-10.1
1958	W	61.1	57.9	-3.2	-5.2
1959	BN	60.1	61.6	1.4	2.3
1960	D	47.8	13.3	-34.6	-72.3
1961	D	55.6	51.5	-4.1	-7.4
1962	BN	62.6	62.7	0.1	0.2
1963	W	61.2	61.1	-0.1	-0.2
1964	D	57.3	58.8	1.5	2.6
1965	W	63.4	61.6	-1.8	-2.8
1966	BN	59.9	60.8	0.9	1.5
1967	W	60.3	59.5	-0.8	-1.3
1968	BN	63.5	64.9	1.4	2.2
1969	W	56.1	56.1	0.0	0.0
1970	W	60.3	60.8	0.5	0.8
1971	W	60.9	61.0	0.0	0.0
1972	BN	58.8	52.4	-6.5	-11.0
1973	AN	62.1	61.0	-1.1	-1.8
1974	W	61.1	59.0	-2.1	-3.4
1975	W	61.9	61.8	-0.1	-0.2
1976	C	59.9	61.9	2.0	3.3
1977	C	47.3	48.2	0.9	1.9
1978	AN	59.9	53.6	-6.3	-10.5
1979	BN	61.0	58.8	-2.2	-3.6
1980	AN	59.3	57.3	-2.0	-3.4
1981	D	57.3	58.6	1.3	2.3
1982	W	58.1	55.8	-2.3	-4.0
1983	W	50.2	44.7	-5.5	-11.0
1984	W	62.1	54.1	-8.0	-12.9
1985	D	61.0	61.1	0.2	0.3
1986	W	55.1	44.4	-10.7	-19.4
1987	D	54.7	55.5	0.8	1.5
1988	C	15.4	12.5	-2.9	-18.8
1989	D	55.7	55.6	0.0	0.0
1990	C	37.6	12.8	-24.8	-66.0
1991	C	42.2	39.0	-3.2	-7.6
1992	C	33.7	10.0	-23.7	-70.3
1993	AN	61.4	60.8	-0.6	-1.0
	Mean:	53.7	50.3	-3.4	-7.5
	Median:	59.5	57.0	-0.8	-1.7
	Min:	9.7	10.0	-34.6	-72.3
	Max:	63.5	64.9	4.3	7.4

Delta E/I Ratio

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Monthly Mean Ratio	Future No Action Monthly Mean Ratio	Absolute Difference	Relative Difference (%)[1]
1922	AN	65.0	65.0	0.0	0.0
1923	BN	65.0	65.0	0.0	0.0
1924	C	46.3	45.4	-0.9	-1.9
1925	D	61.2	65.0	3.8	6.2
1926	D	55.3	52.8	-2.5	-4.5
1927	W	64.0	65.0	1.0	1.6
1928	AN	64.2	65.0	0.8	1.2
1929	C	48.4	47.9	-0.5	-1.0
1930	D	57.5	64.5	7.0	12.2
1931	C	44.6	44.7	0.1	0.2
1932	D	56.7	57.2	0.5	0.9
1933	C	45.3	47.2	1.8	4.0
1934	C	44.2	46.4	2.1	4.8
1935	BN	65.0	65.0	0.0	0.0
1936	BN	65.0	65.0	0.0	0.0
1937	BN	62.9	62.1	-0.8	-1.3
1938	W	62.6	62.9	0.3	0.5
1939	D	65.0	63.7	-1.3	-2.0
1940	AN	65.0	65.0	0.0	0.0
1941	W	61.0	60.6	-0.3	-0.5
1942	W	63.8	57.2	-6.6	-10.3
1943	W	65.0	65.0	0.0	0.0
1944	D	64.5	64.5	0.0	0.0
1945	BN	65.0	65.0	0.0	0.0
1946	BN	65.0	65.0	0.0	0.0
1947	D	63.4	58.5	-4.9	-7.7
1948	BN	65.0	65.0	0.0	0.0
1949	D	64.4	64.9	0.5	0.8
1950	BN	65.0	65.0	0.0	0.0
1951	AN	65.0	65.0	0.0	0.0
1952	W	54.4	49.2	-5.2	-9.6
1953	W	59.3	54.3	-5.0	-8.4
1954	AN	65.0	65.0	0.0	0.0
1955	D	59.8	63.2	3.4	5.7
1956	W	60.7	55.2	-5.5	-9.1
1957	AN	65.0	65.0	0.0	0.0
1958	W	55.3	49.8	-5.5	-9.9
1959	BN	65.0	65.0	0.0	0.0
1960	D	61.6	57.9	-3.7	-6.0
1961	D	65.0	63.6	-1.4	-2.2
1962	BN	65.0	65.0	0.0	0.0
1963	W	65.0	65.0	0.0	0.0
1964	D	65.0	65.0	0.0	0.0
1965	W	65.0	65.0	0.0	0.0
1966	BN	65.0	65.0	0.0	0.0
1967	W	50.2	45.3	-4.9	-9.8
1968	BN	65.0	65.0	0.0	0.0
1969	W	56.6	58.9	2.3	4.1
1970	W	65.0	65.0	0.0	0.0
1971	W	61.1	54.8	-6.3	-10.3
1972	BN	65.0	65.0	0.0	0.0
1973	AN	65.0	65.0	0.0	0.0
1974	W	52.5	47.9	-4.6	-8.8
1975	W	54.8	49.8	-5.0	-9.1
1976	C	63.6	63.0	-0.6	-0.9
1977	C	46.9	47.0	0.0	0.0
1978	AN	65.0	65.0	0.0	0.0
1979	BN	62.8	63.5	0.8	1.3
1980	AN	65.0	65.0	0.0	0.0
1981	D	65.0	65.0	0.0	0.0
1982	W	56.2	52.8	-3.4	-6.1
1983	W	32.5	30.6	-2.0	-6.1
1984	W	65.0	60.9	-4.1	-6.3
1985	D	65.0	65.0	0.0	0.0
1986	W	65.0	65.0	0.0	0.0
1987	D	62.7	61.1	-1.7	-2.7
1988	C	44.9	41.9	-3.0	-6.7
1989	D	65.0	65.0	0.0	0.0
1990	C	45.7	46.0	0.3	0.7
1991	C	44.2	48.4	4.1	9.3
1992	C	53.2	47.6	-5.6	-10.5
1993	AN	65.0	65.0	0.0	0.0
	Mean:	59.9	59.1	-0.8	-1.4
	Median:	64.1	64.1	0.0	0.0
	Min:	32.5	30.6	-6.6	-10.5
	Max:	65.0	65.0	7.0	12.2

Sacramento River Water Temperatures at Keswick Dam

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.1	50.8	0.7	1.4
1924	C	53.8	54.7	0.9	1.7
1925	D	58.3	58.2	-0.1	-0.2
1926	D	59.5	59.9	0.4	0.7
1927	W	61.4	61.5	0.1	0.2
1928	AN	50.7	51.2	0.5	1.0
1929	C	52.4	52.6	0.2	0.4
1930	D	54.9	57.3	2.4	4.4
1931	C	53.7	55.6	1.9	3.5
1932	D	60.7	60.8	0.1	0.2
1933	C	63.2	63.3	0.1	0.2
1934	C	64.1	62.9	-1.2	-1.9
1935	BN	61.3	60.9	-0.4	-0.7
1936	BN	61.2	61.0	-0.2	-0.3
1937	BN	58.3	58.5	0.2	0.3
1938	W	50.6	50.8	0.2	0.4
1939	D	52.8	52.8	0.0	0.0
1940	AN	56.9	58.1	1.2	2.1
1941	W	52.8	53.1	0.3	0.6
1942	W	51.2	50.8	-0.4	-0.8
1943	W	50.8	50.2	-0.6	-1.2
1944	D	50.5	51.0	0.5	1.0
1945	BN	52.9	53.1	0.2	0.4
1946	BN	51.5	52.8	1.3	2.5
1947	D	49.7	49.8	0.1	0.2
1948	BN	56.7	56.7	0.0	0.0
1949	D	50.6	50.7	0.1	0.2
1950	BN	49.8	49.8	0.0	0.0
1951	AN	49.9	49.9	0.0	0.0
1952	W	50.1	50.1	0.0	0.0
1953	W	50.0	50.0	0.0	0.0
1954	AN	49.7	49.7	0.0	0.0
1955	D	51.1	50.7	-0.4	-0.8
1956	W	51.5	52.0	0.5	1.0
1957	AN	50.4	50.5	0.1	0.2
1958	W	50.7	50.7	0.0	0.0
1959	BN	53.7	53.7	0.0	0.0
1960	D	59.5	59.7	0.2	0.3
1961	D	54.2	53.2	-1.0	-1.8
1962	BN	56.1	56.1	0.0	0.0
1963	W	52.8	53.0	0.2	0.4
1964	D	50.0	50.5	0.5	1.0
1965	W	53.6	54.5	0.9	1.7
1966	BN	51.1	50.9	-0.2	-0.4
1967	W	51.8	51.7	-0.1	-0.2
1968	BN	53.3	53.3	0.0	0.0
1969	W	53.4	53.3	-0.1	-0.2
1970	W	49.5	49.5	0.0	0.0
1971	W	52.1	52.2	0.1	0.2
1972	BN	50.2	50.7	0.5	1.0
1973	AN	51.8	51.7	-0.1	-0.2
1974	W	50.1	50.6	0.5	1.0
1975	W	51.6	51.6	0.0	0.0
1976	C	53.1	53.1	0.0	0.0
1977	C	55.3	55.9	0.6	1.1
1978	AN	61.3	60.7	-0.6	-1.0
1979	BN	50.8	51.3	0.5	1.0
1980	AN	50.4	51.1	0.7	1.4
1981	D	50.0	50.0	0.0	0.0
1982	W	52.1	52.5	0.4	0.8
1983	W	49.1	49.1	0.0	0.0
1984	W	53.0	53.0	0.0	0.0
1985	D	49.8	49.8	0.0	0.0
1986	W	52.8	52.6	-0.2	-0.4
1987	D	51.0	51.1	0.1	0.2
1988	C	54.3	54.8	0.5	0.9
1989	D	62.0	62.1	0.1	0.2
1990	C	52.2	53.3	1.1	2.1
1991	C	60.1	61.3	1.2	2.0
1992	C	60.9	62.5	1.6	2.6
1993	AN	61.9	61.5	-0.4	-0.6
	Mean:	53.8	54.0	0.2	0.4
	Median:	52.4	52.8	0.1	0.2
	Min:	49.1	49.1	-1.2	-1.9
	Max:	64.1	63.3	2.4	4.4

Sacramento River Water Temperatures at Keswick Dam

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.6	50.7	0.1	0.2
1924	C	56.1	56.2	0.1	0.2
1925	D	51.5	51.4	-0.1	-0.2
1926	D	53.8	53.7	-0.1	-0.2
1927	W	54.6	54.6	0.0	0.0
1928	AN	51.6	51.6	0.0	0.0
1929	C	53.4	53.7	0.3	0.6
1930	D	58.1	58.9	0.8	1.4
1931	C	55.3	55.9	0.6	1.1
1932	D	53.8	53.2	-0.6	-1.1
1933	C	56.9	56.5	-0.4	-0.7
1934	C	58.0	57.2	-0.8	-1.4
1935	BN	52.3	52.2	-0.1	-0.2
1936	BN	54.9	54.8	-0.1	-0.2
1937	BN	59.2	59.3	0.1	0.2
1938	W	50.6	50.9	0.3	0.6
1939	D	54.3	54.5	0.2	0.4
1940	AN	57.4	57.6	0.2	0.3
1941	W	53.8	54.0	0.2	0.4
1942	W	53.8	54.4	0.6	1.1
1943	W	51.7	52.3	0.6	1.2
1944	D	50.8	51.2	0.4	0.8
1945	BN	52.7	52.7	0.0	0.0
1946	BN	52.3	52.7	0.4	0.8
1947	D	50.4	51.3	0.9	1.8
1948	BN	54.2	54.2	0.0	0.0
1949	D	51.0	51.1	0.1	0.2
1950	BN	48.9	48.9	0.0	0.0
1951	AN	48.7	48.8	0.1	0.2
1952	W	49.4	49.8	0.4	0.8
1953	W	48.3	48.3	0.0	0.0
1954	AN	51.7	51.5	-0.2	-0.4
1955	D	52.3	52.1	-0.2	-0.4
1956	W	52.7	52.9	0.2	0.4
1957	AN	52.9	53.0	0.1	0.2
1958	W	52.9	53.0	0.1	0.2
1959	BN	56.3	56.6	0.3	0.5
1960	D	58.1	58.3	0.2	0.3
1961	D	53.7	53.6	-0.1	-0.2
1962	BN	55.2	55.3	0.1	0.2
1963	W	55.5	55.4	-0.1	-0.2
1964	D	53.2	53.2	0.0	0.0
1965	W	53.2	53.5	0.3	0.6
1966	BN	51.7	52.2	0.5	1.0
1967	W	53.5	53.4	-0.1	-0.2
1968	BN	56.8	56.9	0.1	0.2
1969	W	54.0	54.0	0.0	0.0
1970	W	49.9	50.2	0.3	0.6
1971	W	52.7	52.9	0.2	0.4
1972	BN	53.3	52.7	-0.6	-1.1
1973	AN	50.6	51.1	0.5	1.0
1974	W	50.3	50.3	0.0	0.0
1975	W	53.2	53.3	0.1	0.2
1976	C	53.6	53.6	0.0	0.0
1977	C	56.5	57.1	0.6	1.1
1978	AN	53.0	52.8	-0.2	-0.4
1979	BN	49.9	50.3	0.4	0.8
1980	AN	49.9	49.8	-0.1	-0.2
1981	D	48.7	49.0	0.3	0.6
1982	W	51.4	51.4	0.0	0.0
1983	W	48.0	48.0	0.0	0.0
1984	W	52.8	52.8	0.0	0.0
1985	D	50.4	50.5	0.1	0.2
1986	W	50.7	50.7	0.0	0.0
1987	D	52.5	53.0	0.5	1.0
1988	C	54.2	54.1	-0.1	-0.2
1989	D	53.4	53.4	0.0	0.0
1990	C	53.0	53.5	0.5	0.9
1991	C	54.2	54.2	0.0	0.0
1992	C	55.7	55.8	0.1	0.2
1993	AN	53.5	53.6	0.1	0.2
	Mean:	53.0	53.1	0.1	0.2
	Median:	53.0	53.0	0.1	0.2
	Min:	48.0	48.0	-0.8	-1.4
	Max:	59.2	59.3	0.9	1.8

Sacramento River Water Temperatures at Keswick Dam

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	46.8	46.8	0.0	0.0
1924	C	49.5	49.4	-0.1	-0.2
1925	D	44.2	44.1	-0.1	-0.2
1926	D	49.6	49.6	0.0	0.0
1927	W	49.3	49.3	0.0	0.0
1928	AN	49.2	49.1	-0.1	-0.2
1929	C	47.8	47.8	0.0	0.0
1930	D	53.3	53.2	-0.1	-0.2
1931	C	50.5	50.5	0.0	0.0
1932	D	44.4	44.3	-0.1	-0.2
1933	C	46.2	45.7	-0.5	-1.1
1934	C	47.1	46.6	-0.5	-1.1
1935	BN	48.0	47.9	-0.1	-0.2
1936	BN	49.5	49.5	0.0	0.0
1937	BN	51.5	51.4	-0.1	-0.2
1938	W	51.2	51.2	0.0	0.0
1939	D	51.1	50.9	-0.2	-0.4
1940	AN	51.6	51.6	0.0	0.0
1941	W	50.6	50.5	-0.1	-0.2
1942	W	49.9	49.9	0.0	0.0
1943	W	48.3	48.3	0.0	0.0
1944	D	49.9	49.9	0.0	0.0
1945	BN	49.5	49.5	0.0	0.0
1946	BN	47.7	47.8	0.1	0.2
1947	D	48.1	48.1	0.0	0.0
1948	BN	48.3	48.3	0.0	0.0
1949	D	46.6	46.6	0.0	0.0
1950	BN	48.7	48.7	0.0	0.0
1951	AN	49.5	49.5	0.0	0.0
1952	W	47.5	47.5	0.0	0.0
1953	W	48.2	48.2	0.0	0.0
1954	AN	49.7	49.8	0.1	0.2
1955	D	48.0	48.0	0.0	0.0
1956	W	48.7	48.7	0.0	0.0
1957	AN	51.9	51.8	-0.1	-0.2
1958	W	48.7	48.8	0.1	0.2
1959	BN	54.3	54.2	-0.1	-0.2
1960	D	52.0	52.0	0.0	0.0
1961	D	49.1	49.1	0.0	0.0
1962	BN	48.6	48.5	-0.1	-0.2
1963	W	52.1	52.1	0.0	0.0
1964	D	48.1	48.3	0.2	0.4
1965	W	49.0	49.0	0.0	0.0
1966	BN	48.0	48.0	0.0	0.0
1967	W	49.6	49.9	0.3	0.6
1968	BN	51.2	51.1	-0.1	-0.2
1969	W	46.6	46.6	0.0	0.0
1970	W	52.3	52.2	-0.1	-0.2
1971	W	48.3	48.3	0.0	0.0
1972	BN	47.5	47.5	0.0	0.0
1973	AN	45.8	45.8	0.0	0.0
1974	W	47.9	48.0	0.1	0.2
1975	W	49.3	49.3	0.0	0.0
1976	C	49.8	49.8	0.0	0.0
1977	C	53.3	53.3	0.0	0.0
1978	AN	48.2	47.9	-0.3	-0.6
1979	BN	48.4	48.4	0.0	0.0
1980	AN	46.4	46.5	0.1	0.2
1981	D	49.0	49.0	0.0	0.0
1982	W	48.2	48.1	-0.1	-0.2
1983	W	46.2	46.2	0.0	0.0
1984	W	47.7	47.7	0.0	0.0
1985	D	46.4	46.4	0.0	0.0
1986	W	46.4	46.4	0.0	0.0
1987	D	48.3	48.3	0.0	0.0
1988	C	47.5	47.5	0.0	0.0
1989	D	46.8	46.8	0.0	0.0
1990	C	48.5	48.5	0.0	0.0
1991	C	44.6	44.3	-0.3	-0.7
1992	C	47.8	47.5	-0.3	-0.6
1993	AN	45.1	44.9	-0.2	-0.4
	Mean:	48.7	48.7	0.0	-0.1
	Median:	48.4	48.4	0.0	0.0
	Min:	44.2	44.1	-0.5	-1.1
	Max:	54.3	54.2	0.3	0.6

Sacramento River Water Temperatures at Keswick Dam

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	43.6	43.6	0.0	0.0
1924	C	45.5	45.5	0.0	0.0
1925	D	43.5	43.7	0.2	0.5
1926	D	44.9	44.9	0.0	0.0
1927	W	45.6	45.6	0.0	0.0
1928	AN	45.5	45.4	-0.1	-0.2
1929	C	43.6	43.5	-0.1	-0.2
1930	D	44.7	44.6	-0.1	-0.2
1931	C	47.2	47.1	-0.1	-0.2
1932	D	43.1	42.6	-0.5	-1.2
1933	C	41.1	40.9	-0.2	-0.5
1934	C	44.9	44.2	-0.7	-1.6
1935	BN	43.8	43.7	-0.1	-0.2
1936	BN	47.4	47.4	0.0	0.0
1937	BN	40.1	40.1	0.0	0.0
1938	W	48.1	48.1	0.0	0.0
1939	D	46.9	46.8	-0.1	-0.2
1940	AN	46.4	46.4	0.0	0.0
1941	W	47.3	47.3	0.0	0.0
1942	W	46.2	46.2	0.0	0.0
1943	W	45.9	45.9	0.0	0.0
1944	D	46.5	46.4	-0.1	-0.2
1945	BN	46.3	46.3	0.0	0.0
1946	BN	44.9	44.9	0.0	0.0
1947	D	44.9	44.8	-0.1	-0.2
1948	BN	47.0	47.1	0.1	0.2
1949	D	41.0	41.0	0.0	0.0
1950	BN	40.3	40.3	0.0	0.0
1951	AN	44.4	44.4	0.0	0.0
1952	W	42.9	42.9	0.0	0.0
1953	W	47.9	47.9	0.0	0.0
1954	AN	46.5	46.5	0.0	0.0
1955	D	44.6	44.6	0.0	0.0
1956	W	45.6	45.6	0.0	0.0
1957	AN	46.2	46.1	-0.1	-0.2
1958	W	46.1	46.1	0.0	0.0
1959	BN	49.3	49.3	0.0	0.0
1960	D	45.8	45.7	-0.1	-0.2
1961	D	46.2	46.2	0.0	0.0
1962	BN	46.5	46.6	0.1	0.2
1963	W	46.9	46.9	0.0	0.0
1964	D	45.1	45.1	0.0	0.0
1965	W	46.6	46.6	0.0	0.0
1966	BN	44.9	44.9	0.0	0.0
1967	W	46.1	46.2	0.1	0.2
1968	BN	45.4	45.4	0.0	0.0
1969	W	42.6	42.6	0.0	0.0
1970	W	47.8	47.8	0.0	0.0
1971	W	45.2	45.2	0.0	0.0
1972	BN	44.1	44.1	0.0	0.0
1973	AN	42.7	42.7	0.0	0.0
1974	W	45.3	45.3	0.0	0.0
1975	W	46.3	46.3	0.0	0.0
1976	C	46.8	46.8	0.0	0.0
1977	C	47.5	47.5	0.0	0.0
1978	AN	44.3	44.6	0.3	0.7
1979	BN	45.2	45.2	0.0	0.0
1980	AN	45.0	45.0	0.0	0.0
1981	D	46.0	45.9	-0.1	-0.2
1982	W	43.3	43.3	0.0	0.0
1983	W	44.5	44.5	0.0	0.0
1984	W	46.1	46.1	0.0	0.0
1985	D	43.9	43.8	-0.1	-0.2
1986	W	45.5	45.5	0.0	0.0
1987	D	43.9	43.9	0.0	0.0
1988	C	44.4	44.4	0.0	0.0
1989	D	43.9	43.9	0.0	0.0
1990	C	44.9	44.9	0.0	0.0
1991	C	43.6	43.9	0.3	0.7
1992	C	44.1	44.0	-0.1	-0.2
1993	AN	43.0	42.9	-0.1	-0.2
	Mean:	45.1	45.1	0.0	-0.1
	Median:	45.2	45.2	0.0	0.0
	Min:	40.1	40.1	-0.7	-1.6
	Max:	49.3	49.3	0.3	0.7

Sacramento River Water Temperatures at Keswick Dam

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.4	50.6	0.2	0.4
1924	C	48.3	48.7	0.4	0.8
1925	D	46.0	46.2	0.2	0.4
1926	D	46.3	46.4	0.1	0.2
1927	W	47.0	47.0	0.0	0.0
1928	AN	49.2	49.1	-0.1	-0.2
1929	C	43.8	43.8	0.0	0.0
1930	D	45.0	45.3	0.3	0.7
1931	C	48.2	48.6	0.4	0.8
1932	D	43.9	44.2	0.3	0.7
1933	C	41.6	42.0	0.4	1.0
1934	C	49.2	46.5	-2.7	-5.5
1935	BN	45.3	44.8	-0.5	-1.1
1936	BN	46.4	46.5	0.1	0.2
1937	BN	41.9	41.8	-0.1	-0.2
1938	W	46.5	46.5	0.0	0.0
1939	D	45.7	45.8	0.1	0.2
1940	AN	47.8	47.6	-0.2	-0.4
1941	W	48.9	48.9	0.0	0.0
1942	W	46.9	46.9	0.0	0.0
1943	W	49.8	49.8	0.0	0.0
1944	D	46.0	46.0	0.0	0.0
1945	BN	49.0	49.0	0.0	0.0
1946	BN	44.5	44.5	0.0	0.0
1947	D	48.5	45.6	-2.9	-6.0
1948	BN	46.3	46.3	0.0	0.0
1949	D	42.7	42.7	0.0	0.0
1950	BN	42.5	41.9	-0.6	-1.4
1951	AN	46.2	46.2	0.0	0.0
1952	W	46.3	46.3	0.0	0.0
1953	W	48.8	48.8	0.0	0.0
1954	AN	50.5	50.5	0.0	0.0
1955	D	47.0	46.8	-0.2	-0.4
1956	W	45.7	45.7	0.0	0.0
1957	AN	50.8	50.8	0.0	0.0
1958	W	48.8	48.8	0.0	0.0
1959	BN	48.5	48.5	0.0	0.0
1960	D	46.3	46.2	-0.1	-0.2
1961	D	50.2	50.3	0.1	0.2
1962	BN	46.9	46.9	0.0	0.0
1963	W	53.4	53.4	0.0	0.0
1964	D	49.3	49.3	0.0	0.0
1965	W	50.0	50.0	0.0	0.0
1966	BN	46.2	46.2	0.0	0.0
1967	W	50.6	50.6	0.0	0.0
1968	BN	52.3	52.4	0.1	0.2
1969	W	44.3	44.3	0.0	0.0
1970	W	52.2	52.2	0.0	0.0
1971	W	49.1	49.1	0.0	0.0
1972	BN	48.9	49.0	0.1	0.2
1973	AN	49.0	49.0	0.0	0.0
1974	W	48.0	48.0	0.0	0.0
1975	W	46.6	46.7	0.1	0.2
1976	C	48.1	48.1	0.0	0.0
1977	C	47.4	47.6	0.2	0.4
1978	AN	49.5	49.0	-0.5	-1.0
1979	BN	46.7	46.7	0.0	0.0
1980	AN	48.4	48.4	0.0	0.0
1981	D	48.5	48.3	-0.2	-0.4
1982	W	46.9	46.9	0.0	0.0
1983	W	46.8	46.8	0.0	0.0
1984	W	47.9	47.9	0.0	0.0
1985	D	48.9	48.8	-0.1	-0.2
1986	W	49.6	49.6	0.0	0.0
1987	D	46.7	46.0	-0.7	-1.5
1988	C	45.1	45.0	-0.1	-0.2
1989	D	44.4	44.4	0.0	0.0
1990	C	44.3	44.3	0.0	0.0
1991	C	50.0	51.2	1.2	2.4
1992	C	48.6	48.1	-0.5	-1.0
1993	AN	44.9	45.0	0.1	0.2
	Mean:	47.4	47.3	-0.1	-0.1
	Median:	47.4	46.9	0.0	0.0
	Min:	41.6	41.8	-2.9	-6.0
	Max:	53.4	53.4	1.2	2.4

Sacramento River Water Temperatures at Keswick Dam

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.7	54.8	0.1	0.2
1924	C	49.4	49.7	0.3	0.6
1925	D	48.2	48.5	0.3	0.6
1926	D	49.3	49.6	0.3	0.6
1927	W	51.1	51.1	0.0	0.0
1928	AN	53.2	53.1	-0.1	-0.2
1929	C	48.6	47.8	-0.8	-1.6
1930	D	52.8	50.5	-2.3	-4.4
1931	C	50.4	50.9	0.5	1.0
1932	D	52.3	49.9	-2.4	-4.6
1933	C	48.3	47.0	-1.3	-2.7
1934	C	57.5	59.0	1.5	2.6
1935	BN	47.8	47.8	0.0	0.0
1936	BN	55.1	55.1	0.0	0.0
1937	BN	46.0	45.9	-0.1	-0.2
1938	W	47.0	47.0	0.0	0.0
1939	D	53.5	53.4	-0.1	-0.2
1940	AN	52.9	52.9	0.0	0.0
1941	W	53.1	53.1	0.0	0.0
1942	W	49.2	49.2	0.0	0.0
1943	W	51.6	51.6	0.0	0.0
1944	D	53.9	54.0	0.1	0.2
1945	BN	48.7	48.7	0.0	0.0
1946	BN	50.9	51.0	0.1	0.2
1947	D	53.9	54.0	0.1	0.2
1948	BN	47.1	47.2	0.1	0.2
1949	D	47.9	47.8	-0.1	-0.2
1950	BN	50.1	50.1	0.0	0.0
1951	AN	51.6	51.5	-0.1	-0.2
1952	W	48.3	48.3	0.0	0.0
1953	W	52.3	52.1	-0.2	-0.4
1954	AN	49.1	49.1	0.0	0.0
1955	D	53.2	53.3	0.1	0.2
1956	W	51.8	51.5	-0.3	-0.6
1957	AN	51.9	51.9	0.0	0.0
1958	W	48.3	48.3	0.0	0.0
1959	BN	53.7	53.7	0.0	0.0
1960	D	53.8	53.6	-0.2	-0.4
1961	D	51.0	51.0	0.0	0.0
1962	BN	50.2	50.2	0.0	0.0
1963	W	51.5	51.6	0.1	0.2
1964	D	52.5	51.8	-0.7	-1.3
1965	W	52.9	52.9	0.0	0.0
1966	BN	52.5	52.5	0.0	0.0
1967	W	49.7	49.8	0.1	0.2
1968	BN	52.8	52.8	0.0	0.0
1969	W	52.0	52.0	0.0	0.0
1970	W	52.3	52.3	0.0	0.0
1971	W	49.1	49.0	-0.1	-0.2
1972	BN	53.8	53.8	0.0	0.0
1973	AN	49.6	49.6	0.0	0.0
1974	W	51.2	51.2	0.0	0.0
1975	W	49.1	49.1	0.0	0.0
1976	C	52.1	51.4	-0.7	-1.3
1977	C	48.6	48.8	0.2	0.4
1978	AN	54.5	54.6	0.1	0.2
1979	BN	52.5	52.6	0.1	0.2
1980	AN	51.5	51.5	0.0	0.0
1981	D	50.9	50.8	-0.1	-0.2
1982	W	46.2	46.2	0.0	0.0
1983	W	49.8	49.8	0.0	0.0
1984	W	53.9	53.9	0.0	0.0
1985	D	48.9	48.7	-0.2	-0.4
1986	W	53.5	53.5	0.0	0.0
1987	D	49.4	49.4	0.0	0.0
1988	C	47.4	47.4	0.0	0.0
1989	D	47.0	47.0	0.0	0.0
1990	C	46.8	47.0	0.2	0.4
1991	C	47.7	47.8	0.1	0.2
1992	C	49.0	50.0	1.0	2.0
1993	AN	49.8	49.4	-0.4	-0.8
	Mean:	50.8	50.8	-0.1	-0.1
	Median:	51.0	50.9	0.0	0.0
	Min:	46.0	45.9	-2.4	-4.6
	Max:	57.5	59.0	1.5	2.6

Sacramento River Water Temperatures at Keswick Dam

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	53.1	53.2	0.1	0.2
1924	C	52.4	52.5	0.1	0.2
1925	D	49.8	49.8	0.0	0.0
1926	D	51.8	51.7	-0.1	-0.2
1927	W	52.3	52.3	0.0	0.0
1928	AN	53.1	53.1	0.0	0.0
1929	C	52.6	52.6	0.0	0.0
1930	D	53.2	53.3	0.1	0.2
1931	C	52.5	52.8	0.3	0.6
1932	D	52.5	52.5	0.0	0.0
1933	C	53.2	53.1	-0.1	-0.2
1934	C	53.1	53.1	0.0	0.0
1935	BN	51.4	51.6	0.2	0.4
1936	BN	53.5	53.5	0.0	0.0
1937	BN	50.0	50.0	0.0	0.0
1938	W	51.8	51.8	0.0	0.0
1939	D	53.0	53.0	0.0	0.0
1940	AN	52.4	52.4	0.0	0.0
1941	W	51.8	51.8	0.0	0.0
1942	W	52.2	52.2	0.0	0.0
1943	W	53.2	53.2	0.0	0.0
1944	D	52.5	52.5	0.0	0.0
1945	BN	53.3	53.4	0.1	0.2
1946	BN	53.1	53.1	0.0	0.0
1947	D	54.0	53.9	-0.1	-0.2
1948	BN	49.6	49.6	0.0	0.0
1949	D	53.7	53.7	0.0	0.0
1950	BN	53.6	53.6	0.0	0.0
1951	AN	53.1	53.1	0.0	0.0
1952	W	52.4	52.4	0.0	0.0
1953	W	53.1	53.2	0.1	0.2
1954	AN	51.7	51.7	0.0	0.0
1955	D	52.4	52.5	0.1	0.2
1956	W	52.1	52.0	-0.1	-0.2
1957	AN	52.3	52.2	-0.1	-0.2
1958	W	52.0	52.0	0.0	0.0
1959	BN	52.8	53.0	0.2	0.4
1960	D	53.1	53.1	0.0	0.0
1961	D	53.2	53.1	-0.1	-0.2
1962	BN	53.7	53.7	0.0	0.0
1963	W	51.8	51.8	0.0	0.0
1964	D	52.1	52.8	0.7	1.3
1965	W	52.5	52.4	-0.1	-0.2
1966	BN	52.8	53.4	0.6	1.1
1967	W	48.9	48.9	0.0	0.0
1968	BN	52.7	52.6	-0.1	-0.2
1969	W	52.2	52.2	0.0	0.0
1970	W	52.3	52.4	0.1	0.2
1971	W	52.9	52.9	0.0	0.0
1972	BN	52.7	52.7	0.0	0.0
1973	AN	53.1	53.6	0.5	0.9
1974	W	51.5	51.5	0.0	0.0
1975	W	51.8	51.8	0.0	0.0
1976	C	52.8	52.9	0.1	0.2
1977	C	50.9	51.2	0.3	0.6
1978	AN	52.4	52.4	0.0	0.0
1979	BN	52.9	52.9	0.0	0.0
1980	AN	52.6	53.0	0.4	0.8
1981	D	53.4	53.4	0.0	0.0
1982	W	51.9	51.9	0.0	0.0
1983	W	51.0	51.0	0.0	0.0
1984	W	52.6	52.6	0.0	0.0
1985	D	53.5	53.5	0.0	0.0
1986	W	50.4	51.1	0.7	1.4
1987	D	52.9	52.8	-0.1	-0.2
1988	C	49.5	49.9	0.4	0.8
1989	D	53.6	53.6	0.0	0.0
1990	C	49.4	49.8	0.4	0.8
1991	C	50.3	51.0	0.7	1.4
1992	C	51.7	53.1	1.4	2.7
1993	AN	52.7	52.7	0.0	0.0
	Mean:	52.3	52.4	0.1	0.2
	Median:	52.5	52.6	0.0	0.0
	Min:	48.9	48.9	-0.1	-0.2
	Max:	54.0	53.9	1.4	2.7

Sacramento River Water Temperatures at Keswick Dam

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.9	50.8	-0.1	-0.2
1924	C	52.2	52.2	0.0	0.0
1925	D	52.0	51.9	-0.1	-0.2
1926	D	52.1	52.3	0.2	0.4
1927	W	51.4	51.4	0.0	0.0
1928	AN	51.8	51.8	0.0	0.0
1929	C	52.0	51.4	-0.6	-1.2
1930	D	51.4	51.4	0.0	0.0
1931	C	52.2	52.2	0.0	0.0
1932	D	52.7	52.7	0.0	0.0
1933	C	51.5	51.5	0.0	0.0
1934	C	52.0	52.1	0.1	0.2
1935	BN	52.1	52.2	0.1	0.2
1936	BN	51.9	51.9	0.0	0.0
1937	BN	51.9	51.9	0.0	0.0
1938	W	51.6	51.6	0.0	0.0
1939	D	51.3	51.2	-0.1	-0.2
1940	AN	52.0	52.0	0.0	0.0
1941	W	50.8	50.8	0.0	0.0
1942	W	50.8	50.8	0.0	0.0
1943	W	51.7	51.7	0.0	0.0
1944	D	51.7	51.7	0.0	0.0
1945	BN	51.4	51.4	0.0	0.0
1946	BN	51.5	51.5	0.0	0.0
1947	D	51.6	51.6	0.0	0.0
1948	BN	51.0	51.0	0.0	0.0
1949	D	51.6	51.6	0.0	0.0
1950	BN	51.8	51.8	0.0	0.0
1951	AN	51.6	51.6	0.0	0.0
1952	W	51.5	51.5	0.0	0.0
1953	W	50.9	50.9	0.0	0.0
1954	AN	51.6	51.5	-0.1	-0.2
1955	D	51.9	51.8	-0.1	-0.2
1956	W	51.4	51.3	-0.1	-0.2
1957	AN	51.5	51.6	0.1	0.2
1958	W	51.2	51.2	0.0	0.0
1959	BN	51.4	51.4	0.0	0.0
1960	D	51.5	51.6	0.1	0.2
1961	D	51.4	51.2	-0.2	-0.4
1962	BN	51.5	51.5	0.0	0.0
1963	W	51.8	51.8	0.0	0.0
1964	D	51.4	51.4	0.0	0.0
1965	W	51.7	51.7	0.0	0.0
1966	BN	52.1	52.1	0.0	0.0
1967	W	51.0	51.0	0.0	0.0
1968	BN	51.8	51.7	-0.1	-0.2
1969	W	51.0	51.4	0.4	0.8
1970	W	52.0	52.0	0.0	0.0
1971	W	51.1	51.1	0.0	0.0
1972	BN	51.9	51.9	0.0	0.0
1973	AN	52.2	52.1	-0.1	-0.2
1974	W	51.8	51.8	0.0	0.0
1975	W	51.4	51.5	0.1	0.2
1976	C	52.2	52.1	-0.1	-0.2
1977	C	51.5	51.5	0.0	0.0
1978	AN	51.5	51.5	0.0	0.0
1979	BN	51.7	51.7	0.0	0.0
1980	AN	51.3	51.3	0.0	0.0
1981	D	51.4	51.4	0.0	0.0
1982	W	51.7	51.7	0.0	0.0
1983	W	50.6	50.6	0.0	0.0
1984	W	51.8	51.7	-0.1	-0.2
1985	D	51.1	51.1	0.0	0.0
1986	W	51.5	51.5	0.0	0.0
1987	D	51.3	51.3	0.0	0.0
1988	C	51.3	51.1	-0.2	-0.4
1989	D	51.4	51.3	-0.1	-0.2
1990	C	51.6	51.6	0.0	0.0
1991	C	51.5	51.5	0.0	0.0
1992	C	51.9	51.8	-0.1	-0.2
1993	AN	51.1	51.2	0.1	0.2
	Mean:	51.6	51.6	0.0	0.0
	Median:	51.5	51.5	0.0	0.0
	Min:	50.6	50.6	-0.6	-1.2
	Max:	52.7	52.7	0.4	0.8

Sacramento River Water Temperatures at Keswick Dam

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.2	50.2	0.0	0.0
1924	C	50.9	50.9	0.0	0.0
1925	D	51.4	51.4	0.0	0.0
1926	D	51.5	51.7	0.2	0.4
1927	W	51.0	50.9	-0.1	-0.2
1928	AN	50.6	50.6	0.0	0.0
1929	C	50.5	50.4	-0.1	-0.2
1930	D	50.8	50.8	0.0	0.0
1931	C	51.0	50.8	-0.2	-0.4
1932	D	51.8	51.9	0.1	0.2
1933	C	51.4	51.0	-0.4	-0.8
1934	C	50.9	51.4	0.5	1.0
1935	BN	51.1	51.2	0.1	0.2
1936	BN	51.1	51.1	0.0	0.0
1937	BN	50.9	50.9	0.0	0.0
1938	W	51.4	51.4	0.0	0.0
1939	D	50.4	50.5	0.1	0.2
1940	AN	51.3	51.2	-0.1	-0.2
1941	W	50.9	50.9	0.0	0.0
1942	W	51.0	51.0	0.0	0.0
1943	W	50.5	50.5	0.0	0.0
1944	D	50.2	50.2	0.0	0.0
1945	BN	50.6	50.7	0.1	0.2
1946	BN	50.2	50.2	0.0	0.0
1947	D	50.3	50.5	0.2	0.4
1948	BN	50.7	50.7	0.0	0.0
1949	D	50.7	50.7	0.0	0.0
1950	BN	50.6	50.6	0.0	0.0
1951	AN	50.6	50.5	-0.1	-0.2
1952	W	50.8	50.8	0.0	0.0
1953	W	50.6	50.6	0.0	0.0
1954	AN	50.8	50.7	-0.1	-0.2
1955	D	50.6	50.6	0.0	0.0
1956	W	51.2	51.2	0.0	0.0
1957	AN	51.3	51.5	0.2	0.4
1958	W	50.9	50.9	0.0	0.0
1959	BN	50.6	50.6	0.0	0.0
1960	D	51.0	51.0	0.0	0.0
1961	D	50.9	50.7	-0.2	-0.4
1962	BN	50.9	50.8	-0.1	-0.2
1963	W	51.2	51.1	-0.1	-0.2
1964	D	50.8	50.6	-0.2	-0.4
1965	W	51.0	50.8	-0.2	-0.4
1966	BN	50.8	50.6	-0.2	-0.4
1967	W	51.1	51.1	0.0	0.0
1968	BN	51.0	50.9	-0.1	-0.2
1969	W	51.1	51.1	0.0	0.0
1970	W	51.0	51.0	0.0	0.0
1971	W	51.0	51.0	0.0	0.0
1972	BN	50.3	50.3	0.0	0.0
1973	AN	51.1	51.0	-0.1	-0.2
1974	W	51.5	51.4	-0.1	-0.2
1975	W	51.0	50.9	-0.1	-0.2
1976	C	50.3	50.4	0.1	0.2
1977	C	50.9	50.9	0.0	0.0
1978	AN	51.0	50.9	-0.1	-0.2
1979	BN	50.3	50.3	0.0	0.0
1980	AN	50.2	50.2	0.0	0.0
1981	D	50.5	50.6	0.1	0.2
1982	W	50.9	50.9	0.0	0.0
1983	W	50.2	50.2	0.0	0.0
1984	W	50.6	50.5	-0.1	-0.2
1985	D	50.4	50.5	0.1	0.2
1986	W	50.6	50.7	0.1	0.2
1987	D	50.6	50.6	0.0	0.0
1988	C	50.5	50.3	-0.2	-0.4
1989	D	50.8	50.7	-0.1	-0.2
1990	C	50.9	50.6	-0.3	-0.6
1991	C	51.2	51.2	0.0	0.0
1992	C	50.7	50.9	0.2	0.4
1993	AN	50.6	50.7	0.1	0.2
	Mean:	50.8	50.8	0.0	0.0
	Median:	50.9	50.8	0.0	0.0
	Min:	50.2	50.2	-0.4	-0.8
	Max:	51.8	51.9	0.5	1.0

Sacramento River Water Temperatures at Keswick Dam

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.7	50.8	0.1	0.2
1924	C	57.6	59.2	1.6	2.8
1925	D	51.2	51.2	0.0	0.0
1926	D	52.0	51.9	-0.1	-0.2
1927	W	50.7	50.6	-0.1	-0.2
1928	AN	50.6	50.6	0.0	0.0
1929	C	51.2	51.1	-0.1	-0.2
1930	D	51.3	51.3	0.0	0.0
1931	C	55.1	57.1	2.0	3.6
1932	D	51.2	52.9	1.7	3.3
1933	C	51.1	54.8	3.7	7.2
1934	C	55.8	58.6	2.8	5.0
1935	BN	50.7	50.8	0.1	0.2
1936	BN	50.9	50.9	0.0	0.0
1937	BN	51.2	51.3	0.1	0.2
1938	W	51.1	51.0	-0.1	-0.2
1939	D	51.3	51.2	-0.1	-0.2
1940	AN	51.2	51.1	-0.1	-0.2
1941	W	51.3	51.3	0.0	0.0
1942	W	50.9	50.9	0.0	0.0
1943	W	50.4	50.4	0.0	0.0
1944	D	51.4	51.4	0.0	0.0
1945	BN	50.8	50.9	0.1	0.2
1946	BN	50.5	50.7	0.2	0.4
1947	D	50.8	50.9	0.1	0.2
1948	BN	50.9	50.8	-0.1	-0.2
1949	D	50.4	50.4	0.0	0.0
1950	BN	51.3	51.3	0.0	0.0
1951	AN	50.7	50.8	0.1	0.2
1952	W	51.2	51.2	0.0	0.0
1953	W	50.6	50.7	0.1	0.2
1954	AN	50.7	50.7	0.0	0.0
1955	D	50.9	50.8	-0.1	-0.2
1956	W	51.2	51.1	-0.1	-0.2
1957	AN	50.7	51.1	0.4	0.8
1958	W	51.1	51.1	0.0	0.0
1959	BN	51.5	51.5	0.0	0.0
1960	D	51.1	51.2	0.1	0.2
1961	D	50.8	51.0	0.2	0.4
1962	BN	51.0	51.0	0.0	0.0
1963	W	50.8	50.9	0.1	0.2
1964	D	51.4	51.3	-0.1	-0.2
1965	W	50.6	50.9	0.3	0.6
1966	BN	50.5	50.7	0.2	0.4
1967	W	51.4	51.4	0.0	0.0
1968	BN	51.4	51.4	0.0	0.0
1969	W	51.4	51.3	-0.1	-0.2
1970	W	51.3	51.3	0.0	0.0
1971	W	51.0	50.8	-0.2	-0.4
1972	BN	51.0	51.2	0.2	0.4
1973	AN	51.0	50.9	-0.1	-0.2
1974	W	51.8	51.8	0.0	0.0
1975	W	51.7	51.8	0.1	0.2
1976	C	52.1	51.7	-0.4	-0.8
1977	C	54.8	56.6	1.8	3.3
1978	AN	51.0	50.9	-0.1	-0.2
1979	BN	51.0	51.0	0.0	0.0
1980	AN	50.8	50.7	-0.1	-0.2
1981	D	50.9	50.8	-0.1	-0.2
1982	W	50.6	50.6	0.0	0.0
1983	W	50.4	50.4	0.0	0.0
1984	W	50.8	50.8	0.0	0.0
1985	D	50.9	50.9	0.0	0.0
1986	W	50.8	50.8	0.0	0.0
1987	D	50.5	50.6	0.1	0.2
1988	C	51.7	51.6	-0.1	-0.2
1989	D	50.6	50.6	0.0	0.0
1990	C	51.1	51.2	0.1	0.2
1991	C	51.2	51.2	0.0	0.0
1992	C	53.0	53.8	0.8	1.5
1993	AN	50.6	50.6	0.0	0.0
	Mean:	51.3	51.5	0.2	0.4
	Median:	51.0	51.0	0.0	0.0
	Min:	50.4	50.4	-0.4	-0.8
	Max:	57.6	59.2	3.7	7.2

Sacramento River Water Temperatures at Keswick Dam

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.3	50.3	0.0	0.0
1924	C	65.9	65.5	-0.4	-0.6
1925	D	52.4	52.9	0.5	1.0
1926	D	53.5	53.1	-0.4	-0.7
1927	W	50.6	50.5	-0.1	-0.2
1928	AN	51.0	51.0	0.0	0.0
1929	C	50.9	50.8	-0.1	-0.2
1930	D	51.0	50.9	-0.1	-0.2
1931	C	64.6	66.4	1.8	2.8
1932	D	58.4	60.4	2.0	3.4
1933	C	57.9	62.5	4.6	7.9
1934	C	65.4	65.7	0.3	0.5
1935	BN	53.9	53.7	-0.2	-0.4
1936	BN	50.8	50.7	-0.1	-0.2
1937	BN	51.1	51.0	-0.1	-0.2
1938	W	50.2	50.1	-0.1	-0.2
1939	D	51.0	50.7	-0.3	-0.6
1940	AN	50.8	50.7	-0.1	-0.2
1941	W	50.0	50.0	0.0	0.0
1942	W	50.3	50.2	-0.1	-0.2
1943	W	50.3	50.3	0.0	0.0
1944	D	50.8	50.7	-0.1	-0.2
1945	BN	50.6	50.5	-0.1	-0.2
1946	BN	50.4	50.4	0.0	0.0
1947	D	50.5	50.5	0.0	0.0
1948	BN	50.6	50.5	-0.1	-0.2
1949	D	50.1	50.1	0.0	0.0
1950	BN	50.9	50.9	0.0	0.0
1951	AN	50.6	50.5	-0.1	-0.2
1952	W	50.0	50.0	0.0	0.0
1953	W	50.5	50.4	-0.1	-0.2
1954	AN	50.4	50.8	0.4	0.8
1955	D	51.1	51.1	0.0	0.0
1956	W	50.3	50.6	0.3	0.6
1957	AN	50.8	50.5	-0.3	-0.6
1958	W	50.4	50.4	0.0	0.0
1959	BN	53.3	53.3	0.0	0.0
1960	D	51.1	51.5	0.4	0.8
1961	D	50.9	50.9	0.0	0.0
1962	BN	51.0	51.0	0.0	0.0
1963	W	51.2	51.0	-0.2	-0.4
1964	D	51.1	50.8	-0.3	-0.6
1965	W	51.1	50.8	-0.3	-0.6
1966	BN	51.2	51.2	0.0	0.0
1967	W	50.9	50.9	0.0	0.0
1968	BN	51.5	51.5	0.0	0.0
1969	W	51.2	51.1	-0.1	-0.2
1970	W	51.4	51.3	-0.1	-0.2
1971	W	51.4	51.6	0.2	0.4
1972	BN	51.3	50.9	-0.4	-0.8
1973	AN	51.1	51.0	-0.1	-0.2
1974	W	50.8	50.8	0.0	0.0
1975	W	50.4	50.4	0.0	0.0
1976	C	52.7	52.9	0.2	0.4
1977	C	66.7	68.5	1.8	2.7
1978	AN	51.0	51.0	0.0	0.0
1979	BN	50.8	50.7	-0.1	-0.2
1980	AN	50.6	50.5	-0.1	-0.2
1981	D	51.0	50.8	-0.2	-0.4
1982	W	50.7	50.5	-0.2	-0.4
1983	W	49.9	49.9	0.0	0.0
1984	W	51.2	51.1	-0.1	-0.2
1985	D	50.0	49.9	-0.1	-0.2
1986	W	50.6	50.5	-0.1	-0.2
1987	D	50.9	51.2	0.3	0.6
1988	C	52.3	53.2	0.9	1.7
1989	D	50.7	50.7	0.0	0.0
1990	C	52.4	53.5	1.1	2.1
1991	C	51.8	52.4	0.6	1.2
1992	C	60.1	61.8	1.7	2.8
1993	AN	50.9	50.9	0.0	0.0
	Mean:	52.2	52.3	0.2	0.3
	Median:	50.9	50.9	0.0	0.0
	Min:	49.9	49.9	-0.4	-0.8
	Max:	66.7	68.5	4.6	7.9

Sacramento River Water Temperatures at Keswick Dam

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	51.2	51.8	0.6	1.2
1924	C	65.4	65.5	0.1	0.2
1925	D	55.6	55.9	0.3	0.5
1926	D	57.9	57.6	-0.3	-0.5
1927	W	50.7	50.6	-0.1	-0.2
1928	AN	51.0	50.9	-0.1	-0.2
1929	C	51.5	52.6	1.1	2.1
1930	D	50.9	51.2	0.3	0.6
1931	C	67.0	66.1	-0.9	-1.3
1932	D	65.7	67.3	1.6	2.4
1933	C	65.4	66.6	1.2	1.8
1934	C	65.5	66.8	1.3	2.0
1935	BN	59.6	60.8	1.2	2.0
1936	BN	54.5	54.6	0.1	0.2
1937	BN	51.6	51.4	-0.2	-0.4
1938	W	50.4	50.5	0.1	0.2
1939	D	52.9	53.0	0.1	0.2
1940	AN	50.7	51.6	0.9	1.8
1941	W	50.1	50.1	0.0	0.0
1942	W	50.2	50.3	0.1	0.2
1943	W	51.6	51.4	-0.2	-0.4
1944	D	51.5	51.9	0.4	0.8
1945	BN	51.3	51.2	-0.1	-0.2
1946	BN	50.7	50.5	-0.2	-0.4
1947	D	53.9	53.9	0.0	0.0
1948	BN	49.9	49.9	0.0	0.0
1949	D	50.9	50.8	-0.1	-0.2
1950	BN	51.4	51.3	-0.1	-0.2
1951	AN	51.7	51.6	-0.1	-0.2
1952	W	50.0	50.0	0.0	0.0
1953	W	50.5	50.5	0.0	0.0
1954	AN	51.1	51.0	-0.1	-0.2
1955	D	51.7	51.6	-0.1	-0.2
1956	W	50.2	50.2	0.0	0.0
1957	AN	52.2	52.4	0.2	0.4
1958	W	50.8	50.8	0.0	0.0
1959	BN	55.7	55.6	-0.1	-0.2
1960	D	52.3	52.1	-0.2	-0.4
1961	D	52.7	52.9	0.2	0.4
1962	BN	52.1	52.2	0.1	0.2
1963	W	52.1	52.5	0.4	0.8
1964	D	52.3	51.8	-0.5	-1.0
1965	W	51.2	51.2	0.0	0.0
1966	BN	51.7	51.5	-0.2	-0.4
1967	W	50.9	50.9	0.0	0.0
1968	BN	52.0	51.9	-0.1	-0.2
1969	W	50.6	50.9	0.3	0.6
1970	W	52.3	52.1	-0.2	-0.4
1971	W	50.5	50.6	0.1	0.2
1972	BN	52.0	51.9	-0.1	-0.2
1973	AN	51.5	51.5	0.0	0.0
1974	W	50.5	50.5	0.0	0.0
1975	W	51.4	51.4	0.0	0.0
1976	C	53.8	54.6	0.8	1.5
1977	C	65.9	64.3	-1.6	-2.4
1978	AN	52.6	52.7	0.1	0.2
1979	BN	51.5	51.4	-0.1	-0.2
1980	AN	50.9	50.8	-0.1	-0.2
1981	D	51.7	52.0	0.3	0.6
1982	W	49.6	49.7	0.1	0.2
1983	W	50.4	50.4	0.0	0.0
1984	W	51.9	51.7	-0.2	-0.4
1985	D	50.2	50.2	0.0	0.0
1986	W	51.0	50.8	-0.2	-0.4
1987	D	51.1	51.7	0.6	1.2
1988	C	58.4	58.6	0.2	0.3
1989	D	52.8	53.0	0.2	0.4
1990	C	57.6	59.3	1.7	3.0
1991	C	57.4	60.6	3.2	5.6
1992	C	66.3	66.5	0.2	0.3
1993	AN	49.6	49.7	0.1	0.2
	Mean:	53.4	53.6	0.2	0.3
	Median:	51.6	51.6	0.0	0.0
	Min:	49.6	49.7	-1.6	-2.4
	Max:	67.0	67.3	3.2	5.6

Sacramento River Water Temperatures at Bend Bridge

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	53.1	53.5	0.4	0.8
1924	C	55.2	55.9	0.7	1.3
1925	D	57.5	57.5	0.0	0.0
1926	D	59.2	59.5	0.3	0.5
1927	W	60.9	61.0	0.1	0.2
1928	AN	54.3	54.6	0.3	0.6
1929	C	54.6	54.7	0.1	0.2
1930	D	57.3	58.8	1.5	2.6
1931	C	56.0	57.1	1.1	2.0
1932	D	60.0	60.0	0.0	0.0
1933	C	62.1	62.1	0.0	0.0
1934	C	64.0	63.3	-0.7	-1.1
1935	BN	60.5	60.2	-0.3	-0.5
1936	BN	59.9	59.7	-0.2	-0.3
1937	BN	59.6	59.7	0.1	0.2
1938	W	54.5	54.6	0.1	0.2
1939	D	54.0	54.0	0.0	0.0
1940	AN	58.0	58.7	0.7	1.2
1941	W	55.1	55.3	0.2	0.4
1942	W	52.8	52.5	-0.3	-0.6
1943	W	53.3	52.8	-0.5	-0.9
1944	D	53.3	53.6	0.3	0.6
1945	BN	55.7	55.9	0.2	0.4
1946	BN	55.1	55.9	0.8	1.5
1947	D	51.7	51.8	0.1	0.2
1948	BN	57.4	57.4	0.0	0.0
1949	D	53.1	53.1	0.0	0.0
1950	BN	52.7	52.7	0.0	0.0
1951	AN	53.9	54.0	0.1	0.2
1952	W	53.1	53.2	0.1	0.2
1953	W	53.2	53.2	0.0	0.0
1954	AN	52.0	52.0	0.0	0.0
1955	D	53.6	53.3	-0.3	-0.6
1956	W	55.0	55.4	0.4	0.7
1957	AN	52.4	52.4	0.0	0.0
1958	W	53.8	53.8	0.0	0.0
1959	BN	55.6	55.7	0.1	0.2
1960	D	60.1	60.1	0.0	0.0
1961	D	56.0	55.4	-0.6	-1.1
1962	BN	57.1	57.3	0.2	0.4
1963	W	56.2	56.7	0.5	0.9
1964	D	53.3	53.7	0.4	0.8
1965	W	56.8	57.4	0.6	1.1
1966	BN	55.3	55.0	-0.3	-0.5
1967	W	54.5	54.6	0.1	0.2
1968	BN	54.9	54.9	0.0	0.0
1969	W	55.5	55.4	-0.1	-0.2
1970	W	51.8	51.8	0.0	0.0
1971	W	54.9	55.0	0.1	0.2
1972	BN	52.4	52.8	0.4	0.8
1973	AN	54.8	54.8	0.0	0.0
1974	W	53.6	54.1	0.5	0.9
1975	W	53.9	53.9	0.0	0.0
1976	C	54.4	54.4	0.0	0.0
1977	C	57.4	57.4	0.0	0.0
1978	AN	60.9	60.5	-0.4	-0.7
1979	BN	54.7	55.4	0.7	1.3
1980	AN	53.9	54.4	0.5	0.9
1981	D	53.6	53.7	0.1	0.2
1982	W	53.8	54.3	0.5	0.9
1983	W	51.4	51.5	0.1	0.2
1984	W	54.6	54.6	0.0	0.0
1985	D	52.7	52.7	0.0	0.0
1986	W	54.6	54.7	0.1	0.2
1987	D	54.1	54.2	0.1	0.2
1988	C	56.8	57.3	0.5	0.9
1989	D	61.9	62.0	0.1	0.2
1990	C	54.7	55.5	0.8	1.5
1991	C	60.0	60.8	0.8	1.3
1992	C	61.5	62.3	0.8	1.3
1993	AN	61.3	61.1	-0.2	-0.3
	Mean:	55.7	55.9	0.2	0.3
	Median:	54.8	55.0	0.1	0.2
	Min:	51.4	51.5	-0.7	-1.1
	Max:	64.0	63.3	1.5	2.6

Sacramento River Water Temperatures at Bend Bridge

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.0	50.1	0.1	0.2
1924	C	55.0	55.1	0.1	0.2
1925	D	51.1	51.0	-0.1	-0.2
1926	D	52.3	52.3	0.0	0.0
1927	W	53.1	53.1	0.0	0.0
1928	AN	51.5	51.5	0.0	0.0
1929	C	52.1	52.2	0.1	0.2
1930	D	56.8	57.4	0.6	1.1
1931	C	54.0	54.4	0.4	0.7
1932	D	51.9	51.6	-0.3	-0.6
1933	C	55.5	55.2	-0.3	-0.5
1934	C	56.1	55.6	-0.5	-0.9
1935	BN	51.6	51.6	0.0	0.0
1936	BN	53.2	52.9	-0.3	-0.6
1937	BN	57.5	57.5	0.0	0.0
1938	W	51.3	51.4	0.1	0.2
1939	D	52.8	53.1	0.3	0.6
1940	AN	55.8	55.9	0.1	0.2
1941	W	52.5	52.6	0.1	0.2
1942	W	53.1	53.5	0.4	0.8
1943	W	51.3	51.6	0.3	0.6
1944	D	50.5	50.7	0.2	0.4
1945	BN	51.4	51.3	-0.1	-0.2
1946	BN	51.3	51.5	0.2	0.4
1947	D	50.0	50.6	0.6	1.2
1948	BN	52.6	52.6	0.0	0.0
1949	D	50.9	51.0	0.1	0.2
1950	BN	50.6	50.6	0.0	0.0
1951	AN	50.1	50.3	0.2	0.4
1952	W	49.9	50.1	0.2	0.4
1953	W	49.2	49.2	0.0	0.0
1954	AN	51.3	51.2	-0.1	-0.2
1955	D	51.6	51.6	0.0	0.0
1956	W	51.7	51.7	0.0	0.0
1957	AN	52.7	52.7	0.0	0.0
1958	W	52.1	52.2	0.1	0.2
1959	BN	54.5	54.8	0.3	0.6
1960	D	56.5	56.7	0.2	0.4
1961	D	52.1	52.0	-0.1	-0.2
1962	BN	53.7	53.7	0.0	0.0
1963	W	54.2	54.1	-0.1	-0.2
1964	D	52.4	52.3	-0.1	-0.2
1965	W	51.6	51.7	0.1	0.2
1966	BN	51.5	51.8	0.3	0.6
1967	W	52.7	52.6	-0.1	-0.2
1968	BN	55.5	55.5	0.0	0.0
1969	W	52.5	52.5	0.0	0.0
1970	W	50.8	51.0	0.2	0.4
1971	W	51.9	52.0	0.1	0.2
1972	BN	52.3	52.0	-0.3	-0.6
1973	AN	50.5	50.8	0.3	0.6
1974	W	50.4	50.4	0.0	0.0
1975	W	52.2	52.3	0.1	0.2
1976	C	52.2	52.2	0.0	0.0
1977	C	55.4	55.8	0.4	0.7
1978	AN	52.1	51.9	-0.2	-0.4
1979	BN	50.1	50.4	0.3	0.6
1980	AN	49.8	49.8	0.0	0.0
1981	D	49.0	49.4	0.4	0.8
1982	W	51.4	51.4	0.0	0.0
1983	W	48.7	48.7	0.0	0.0
1984	W	52.2	52.2	0.0	0.0
1985	D	50.5	50.6	0.1	0.2
1986	W	49.5	49.5	0.0	0.0
1987	D	51.8	52.1	0.3	0.6
1988	C	52.7	52.4	-0.3	-0.6
1989	D	51.6	51.6	0.0	0.0
1990	C	52.3	52.6	0.3	0.6
1991	C	52.3	52.3	0.0	0.0
1992	C	53.7	53.9	0.2	0.4
1993	AN	52.1	52.3	0.2	0.4
	Mean:	52.2	52.3	0.1	0.1
	Median:	52.1	52.0	0.0	0.0
	Min:	48.7	48.7	-0.5	-0.9
	Max:	57.5	57.5	0.6	1.2

Sacramento River Water Temperatures at Bend Bridge

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	45.4	45.4	0.0	0.0
1924	C	47.5	47.4	-0.1	-0.2
1925	D	43.7	43.7	0.0	0.0
1926	D	47.8	47.7	-0.1	-0.2
1927	W	46.4	46.4	0.0	0.0
1928	AN	47.0	46.9	-0.1	-0.2
1929	C	46.0	46.0	0.0	0.0
1930	D	48.7	48.6	-0.1	-0.2
1931	C	48.3	48.3	0.0	0.0
1932	D	44.6	44.6	0.0	0.0
1933	C	44.4	44.1	-0.3	-0.7
1934	C	45.4	45.2	-0.2	-0.4
1935	BN	46.7	46.6	-0.1	-0.2
1936	BN	47.6	47.5	-0.1	-0.2
1937	BN	48.8	48.5	-0.3	-0.6
1938	W	48.6	48.5	-0.1	-0.2
1939	D	49.0	48.9	-0.1	-0.2
1940	AN	48.7	48.6	-0.1	-0.2
1941	W	48.0	47.7	-0.3	-0.6
1942	W	48.2	48.2	0.0	0.0
1943	W	46.7	46.7	0.0	0.0
1944	D	48.6	48.5	-0.1	-0.2
1945	BN	47.4	47.4	0.0	0.0
1946	BN	46.9	46.8	-0.1	-0.2
1947	D	46.7	46.7	0.0	0.0
1948	BN	46.5	46.5	0.0	0.0
1949	D	45.1	45.1	0.0	0.0
1950	BN	46.7	46.7	0.0	0.0
1951	AN	48.0	48.0	0.0	0.0
1952	W	46.5	46.5	0.0	0.0
1953	W	46.6	46.6	0.0	0.0
1954	AN	48.5	48.5	0.0	0.0
1955	D	46.4	46.4	0.0	0.0
1956	W	47.5	47.5	0.0	0.0
1957	AN	49.8	49.7	-0.1	-0.2
1958	W	47.5	47.5	0.0	0.0
1959	BN	52.1	52.0	-0.1	-0.2
1960	D	49.7	49.6	-0.1	-0.2
1961	D	46.8	46.9	0.1	0.2
1962	BN	46.4	46.4	0.0	0.0
1963	W	49.7	49.7	0.0	0.0
1964	D	46.4	46.6	0.2	0.4
1965	W	47.5	47.5	0.0	0.0
1966	BN	46.0	46.1	0.1	0.2
1967	W	48.2	48.4	0.2	0.4
1968	BN	48.4	48.4	0.0	0.0
1969	W	45.3	45.3	0.0	0.0
1970	W	49.8	49.8	0.0	0.0
1971	W	46.9	46.9	0.0	0.0
1972	BN	45.7	45.7	0.0	0.0
1973	AN	44.9	44.9	0.0	0.0
1974	W	47.2	47.2	0.0	0.0
1975	W	47.1	47.0	-0.1	-0.2
1976	C	48.1	48.1	0.0	0.0
1977	C	51.1	51.1	0.0	0.0
1978	AN	46.7	46.5	-0.2	-0.4
1979	BN	46.8	46.8	0.0	0.0
1980	AN	45.7	45.7	0.0	0.0
1981	D	47.5	47.4	-0.1	-0.2
1982	W	47.3	47.2	-0.1	-0.2
1983	W	45.8	45.8	0.0	0.0
1984	W	46.8	46.8	0.0	0.0
1985	D	45.6	45.6	0.0	0.0
1986	W	45.4	45.4	0.0	0.0
1987	D	46.7	46.7	0.0	0.0
1988	C	45.9	45.9	0.0	0.0
1989	D	45.6	45.6	0.0	0.0
1990	C	47.1	47.0	-0.1	-0.2
1991	C	43.1	42.8	-0.3	-0.7
1992	C	46.3	46.1	-0.2	-0.4
1993	AN	44.6	44.6	0.0	0.0
	Mean:	47.0	47.0	0.0	-0.1
	Median:	46.8	46.8	0.0	0.0
	Min:	43.1	42.8	-0.3	-0.7
	Max:	52.1	52.0	0.2	0.4

Sacramento River Water Temperatures at Bend Bridge

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	43.8	43.8	0.0	0.0
1924	C	44.8	44.8	0.0	0.0
1925	D	44.0	44.2	0.2	0.5
1926	D	44.2	44.2	0.0	0.0
1927	W	45.1	45.1	0.0	0.0
1928	AN	44.9	44.8	-0.1	-0.2
1929	C	43.2	43.1	-0.1	-0.2
1930	D	44.1	44.0	-0.1	-0.2
1931	C	45.8	45.8	0.0	0.0
1932	D	43.7	43.5	-0.2	-0.5
1933	C	42.3	42.3	0.0	0.0
1934	C	45.4	45.1	-0.3	-0.7
1935	BN	44.4	44.3	-0.1	-0.2
1936	BN	45.6	45.6	0.0	0.0
1937	BN	39.7	39.8	0.1	0.3
1938	W	46.6	46.6	0.0	0.0
1939	D	46.0	46.0	0.0	0.0
1940	AN	45.3	45.3	0.0	0.0
1941	W	46.5	46.5	0.0	0.0
1942	W	45.8	45.8	0.0	0.0
1943	W	45.4	45.4	0.0	0.0
1944	D	45.3	45.3	0.0	0.0
1945	BN	45.3	45.3	0.0	0.0
1946	BN	44.9	44.9	0.0	0.0
1947	D	44.1	44.0	-0.1	-0.2
1948	BN	46.3	46.3	0.0	0.0
1949	D	40.8	40.8	0.0	0.0
1950	BN	41.7	41.8	0.1	0.2
1951	AN	44.5	44.5	0.0	0.0
1952	W	43.8	43.8	0.0	0.0
1953	W	47.0	47.0	0.0	0.0
1954	AN	45.8	45.8	0.0	0.0
1955	D	44.3	44.3	0.0	0.0
1956	W	45.4	45.4	0.0	0.0
1957	AN	44.8	44.7	-0.1	-0.2
1958	W	45.7	45.7	0.0	0.0
1959	BN	47.9	47.8	-0.1	-0.2
1960	D	44.7	44.6	-0.1	-0.2
1961	D	45.3	45.3	0.0	0.0
1962	BN	46.0	46.0	0.0	0.0
1963	W	45.5	45.5	0.0	0.0
1964	D	44.7	44.7	0.0	0.0
1965	W	46.1	46.1	0.0	0.0
1966	BN	44.8	44.8	0.0	0.0
1967	W	45.6	45.6	0.0	0.0
1968	BN	44.8	44.8	0.0	0.0
1969	W	43.5	43.5	0.0	0.0
1970	W	47.0	47.0	0.0	0.0
1971	W	45.1	45.1	0.0	0.0
1972	BN	44.1	44.1	0.0	0.0
1973	AN	43.6	43.6	0.0	0.0
1974	W	45.2	45.2	0.0	0.0
1975	W	45.5	45.4	-0.1	-0.2
1976	C	46.3	46.3	0.0	0.0
1977	C	45.8	45.8	0.0	0.0
1978	AN	45.3	45.4	0.1	0.2
1979	BN	44.9	44.9	0.0	0.0
1980	AN	45.0	45.0	0.0	0.0
1981	D	45.4	45.4	0.0	0.0
1982	W	43.8	43.8	0.0	0.0
1983	W	44.7	44.7	0.0	0.0
1984	W	45.7	45.7	0.0	0.0
1985	D	43.8	43.8	0.0	0.0
1986	W	45.4	45.4	0.0	0.0
1987	D	43.7	43.8	0.1	0.2
1988	C	44.6	44.7	0.1	0.2
1989	D	44.0	44.0	0.0	0.0
1990	C	44.6	44.6	0.0	0.0
1991	C	43.8	44.0	0.2	0.5
1992	C	43.8	43.8	0.0	0.0
1993	AN	44.4	44.4	0.0	0.0
	Mean:	44.8	44.8	0.0	0.0
	Median:	44.9	44.9	0.0	0.0
	Min:	39.7	39.8	-0.3	-0.7
	Max:	47.9	47.8	0.2	0.5

Sacramento River Water Temperatures at Bend Bridge

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	49.8	49.9	0.1	0.2
1924	C	49.3	49.5	0.2	0.4
1925	D	48.1	48.1	0.0	0.0
1926	D	48.1	48.1	0.0	0.0
1927	W	47.6	47.6	0.0	0.0
1928	AN	48.8	48.7	-0.1	-0.2
1929	C	46.5	46.5	0.0	0.0
1930	D	47.7	47.9	0.2	0.4
1931	C	48.9	49.1	0.2	0.4
1932	D	46.1	46.2	0.1	0.2
1933	C	44.3	44.5	0.2	0.5
1934	C	49.1	48.1	-1.0	-2.0
1935	BN	47.4	47.2	-0.2	-0.4
1936	BN	47.8	47.8	0.0	0.0
1937	BN	45.9	45.9	0.0	0.0
1938	W	47.1	47.1	0.0	0.0
1939	D	46.2	46.4	0.2	0.4
1940	AN	48.0	47.9	-0.1	-0.2
1941	W	48.7	48.7	0.0	0.0
1942	W	47.3	47.3	0.0	0.0
1943	W	49.3	49.3	0.0	0.0
1944	D	46.9	46.9	0.0	0.0
1945	BN	48.7	48.7	0.0	0.0
1946	BN	45.2	45.1	-0.1	-0.2
1947	D	49.0	47.7	-1.3	-2.7
1948	BN	46.5	46.5	0.0	0.0
1949	D	44.4	44.4	0.0	0.0
1950	BN	46.2	46.0	-0.2	-0.4
1951	AN	46.9	46.9	0.0	0.0
1952	W	47.0	47.0	0.0	0.0
1953	W	49.0	49.0	0.0	0.0
1954	AN	49.9	49.9	0.0	0.0
1955	D	47.3	47.1	-0.2	-0.4
1956	W	46.4	46.4	0.0	0.0
1957	AN	50.2	50.2	0.0	0.0
1958	W	48.6	48.6	0.0	0.0
1959	BN	48.4	48.4	0.0	0.0
1960	D	47.9	47.9	0.0	0.0
1961	D	49.1	49.3	0.2	0.4
1962	BN	47.5	47.5	0.0	0.0
1963	W	51.4	51.4	0.0	0.0
1964	D	49.5	49.5	0.0	0.0
1965	W	49.4	49.4	0.0	0.0
1966	BN	47.0	47.0	0.0	0.0
1967	W	49.9	49.9	0.0	0.0
1968	BN	51.1	51.1	0.0	0.0
1969	W	45.8	45.8	0.0	0.0
1970	W	51.0	51.0	0.0	0.0
1971	W	48.9	48.9	0.0	0.0
1972	BN	48.7	48.7	0.0	0.0
1973	AN	48.9	48.9	0.0	0.0
1974	W	48.1	48.1	0.0	0.0
1975	W	47.5	47.5	0.0	0.0
1976	C	48.1	48.1	0.0	0.0
1977	C	49.0	49.1	0.1	0.2
1978	AN	49.1	48.8	-0.3	-0.6
1979	BN	47.6	47.6	0.0	0.0
1980	AN	48.5	48.5	0.0	0.0
1981	D	48.6	48.6	0.0	0.0
1982	W	47.3	47.3	0.0	0.0
1983	W	47.4	47.4	0.0	0.0
1984	W	48.0	48.0	0.0	0.0
1985	D	48.9	48.9	0.0	0.0
1986	W	49.3	49.3	0.0	0.0
1987	D	47.7	47.4	-0.3	-0.6
1988	C	46.5	46.5	0.0	0.0
1989	D	45.4	45.4	0.0	0.0
1990	C	45.1	45.2	0.1	0.2
1991	C	50.1	50.7	0.6	1.2
1992	C	48.9	48.7	-0.2	-0.4
1993	AN	47.3	47.4	0.1	0.2
	Mean:	48.0	48.0	0.0	0.0
	Median:	48.1	48.0	0.0	0.0
	Min:	44.3	44.4	-1.3	-2.7
	Max:	51.4	51.4	0.6	1.2

Sacramento River Water Temperatures at Bend Bridge

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.6	54.7	0.1	0.2
1924	C	50.7	50.9	0.2	0.4
1925	D	50.6	50.9	0.3	0.6
1926	D	53.6	53.8	0.2	0.4
1927	W	51.8	51.8	0.0	0.0
1928	AN	53.0	52.9	-0.1	-0.2
1929	C	51.4	51.0	-0.4	-0.8
1930	D	53.0	52.4	-0.6	-1.1
1931	C	52.9	53.1	0.2	0.4
1932	D	53.5	52.5	-1.0	-1.9
1933	C	51.1	50.7	-0.4	-0.8
1934	C	57.1	57.6	0.5	0.9
1935	BN	50.3	50.3	0.0	0.0
1936	BN	54.5	54.5	0.0	0.0
1937	BN	50.7	50.7	0.0	0.0
1938	W	48.9	48.9	0.0	0.0
1939	D	53.6	53.5	-0.1	-0.2
1940	AN	52.9	52.9	0.0	0.0
1941	W	53.0	53.0	0.0	0.0
1942	W	50.9	50.9	0.0	0.0
1943	W	51.9	51.9	0.0	0.0
1944	D	53.7	53.7	0.0	0.0
1945	BN	50.3	50.3	0.0	0.0
1946	BN	51.8	51.8	0.0	0.0
1947	D	53.6	53.6	0.0	0.0
1948	BN	49.8	49.8	0.0	0.0
1949	D	50.5	50.5	0.0	0.0
1950	BN	51.1	51.1	0.0	0.0
1951	AN	52.1	52.1	0.0	0.0
1952	W	50.0	50.0	0.0	0.0
1953	W	52.5	52.4	-0.1	-0.2
1954	AN	50.5	50.5	0.0	0.0
1955	D	53.1	53.2	0.1	0.2
1956	W	52.5	52.4	-0.1	-0.2
1957	AN	52.2	52.2	0.0	0.0
1958	W	49.6	49.6	0.0	0.0
1959	BN	54.1	54.1	0.0	0.0
1960	D	53.4	53.4	0.0	0.0
1961	D	51.6	51.7	0.1	0.2
1962	BN	51.4	51.4	0.0	0.0
1963	W	51.8	51.8	0.0	0.0
1964	D	52.5	52.1	-0.4	-0.8
1965	W	53.2	53.3	0.1	0.2
1966	BN	52.6	52.6	0.0	0.0
1967	W	50.4	50.4	0.0	0.0
1968	BN	53.2	53.1	-0.1	-0.2
1969	W	52.4	52.4	0.0	0.0
1970	W	52.9	52.9	0.0	0.0
1971	W	50.2	50.1	-0.1	-0.2
1972	BN	53.8	53.8	0.0	0.0
1973	AN	51.0	51.0	0.0	0.0
1974	W	51.6	51.6	0.0	0.0
1975	W	50.2	50.2	0.0	0.0
1976	C	52.3	51.9	-0.4	-0.8
1977	C	50.3	50.4	0.1	0.2
1978	AN	53.8	53.8	0.0	0.0
1979	BN	53.0	53.0	0.0	0.0
1980	AN	52.1	52.1	0.0	0.0
1981	D	51.9	51.9	0.0	0.0
1982	W	48.4	48.4	0.0	0.0
1983	W	50.7	50.7	0.0	0.0
1984	W	53.8	53.8	0.0	0.0
1985	D	50.4	50.1	-0.3	-0.6
1986	W	53.2	53.2	0.0	0.0
1987	D	51.3	51.3	0.0	0.0
1988	C	50.4	50.2	-0.2	-0.4
1989	D	51.1	51.1	0.0	0.0
1990	C	50.8	50.9	0.1	0.2
1991	C	50.4	50.5	0.1	0.2
1992	C	51.9	52.2	0.3	0.6
1993	AN	52.3	52.3	0.0	0.0
	Mean:	51.9	51.9	0.0	-0.1
	Median:	51.9	51.9	0.0	0.0
	Min:	48.4	48.4	-1.0	-1.9
	Max:	57.1	57.6	0.5	0.9

Sacramento River Water Temperatures at Bend Bridge

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.7	55.8	0.1	0.2
1924	C	55.3	55.4	0.1	0.2
1925	D	55.7	55.7	0.0	0.0
1926	D	56.5	56.5	0.0	0.0
1927	W	55.0	55.1	0.1	0.2
1928	AN	55.9	55.9	0.0	0.0
1929	C	54.4	54.3	-0.1	-0.2
1930	D	56.3	56.4	0.1	0.2
1931	C	55.2	55.3	0.1	0.2
1932	D	55.0	55.1	0.1	0.2
1933	C	56.1	55.9	-0.2	-0.4
1934	C	57.0	57.1	0.1	0.2
1935	BN	56.1	56.2	0.1	0.2
1936	BN	56.5	56.5	0.0	0.0
1937	BN	54.6	54.6	0.0	0.0
1938	W	54.3	54.4	0.1	0.2
1939	D	55.6	55.7	0.1	0.2
1940	AN	56.3	56.3	0.0	0.0
1941	W	54.7	54.7	0.0	0.0
1942	W	55.5	55.5	0.0	0.0
1943	W	55.9	55.9	0.0	0.0
1944	D	54.0	54.1	0.1	0.2
1945	BN	56.4	56.4	0.0	0.0
1946	BN	55.8	55.9	0.1	0.2
1947	D	57.3	57.2	-0.1	-0.2
1948	BN	54.5	54.5	0.0	0.0
1949	D	57.4	57.4	0.0	0.0
1950	BN	56.7	56.7	0.0	0.0
1951	AN	55.7	55.8	0.1	0.2
1952	W	54.3	54.3	0.0	0.0
1953	W	55.8	55.8	0.0	0.0
1954	AN	54.6	54.6	0.0	0.0
1955	D	53.9	54.1	0.2	0.4
1956	W	56.0	56.0	0.0	0.0
1957	AN	54.5	54.4	-0.1	-0.2
1958	W	55.0	55.0	0.0	0.0
1959	BN	56.0	56.1	0.1	0.2
1960	D	55.5	55.5	0.0	0.0
1961	D	55.9	55.8	-0.1	-0.2
1962	BN	57.3	57.4	0.1	0.2
1963	W	53.4	53.5	0.1	0.2
1964	D	53.8	54.8	1.0	1.9
1965	W	55.8	55.7	-0.1	-0.2
1966	BN	56.3	56.7	0.4	0.7
1967	W	52.3	52.3	0.0	0.0
1968	BN	55.3	55.2	-0.1	-0.2
1969	W	54.6	54.6	0.0	0.0
1970	W	54.0	54.1	0.1	0.2
1971	W	55.6	55.6	0.0	0.0
1972	BN	54.7	54.6	-0.1	-0.2
1973	AN	56.8	57.0	0.2	0.4
1974	W	55.3	55.3	0.0	0.0
1975	W	55.0	55.0	0.0	0.0
1976	C	54.9	55.1	0.2	0.4
1977	C	53.8	54.0	0.2	0.4
1978	AN	55.4	55.4	0.0	0.0
1979	BN	55.5	55.5	0.0	0.0
1980	AN	55.6	55.8	0.2	0.4
1981	D	56.5	56.6	0.1	0.2
1982	W	53.4	53.4	0.0	0.0
1983	W	54.1	54.1	0.0	0.0
1984	W	54.3	54.4	0.1	0.2
1985	D	56.7	56.7	0.0	0.0
1986	W	54.6	55.0	0.4	0.7
1987	D	55.2	55.0	-0.2	-0.4
1988	C	53.7	54.2	0.5	0.9
1989	D	57.0	57.0	0.0	0.0
1990	C	54.0	54.3	0.3	0.6
1991	C	54.5	54.9	0.4	0.7
1992	C	56.2	56.9	0.7	1.2
1993	AN	55.7	55.7	0.0	0.0
	Mean:	55.3	55.4	0.1	0.1
	Median:	55.5	55.5	0.0	0.0
	Min:	52.3	52.3	-0.2	-0.4
	Max:	57.4	57.4	1.0	1.9

Sacramento River Water Temperatures at Bend Bridge

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.2	55.2	0.0	0.0
1924	C	57.9	57.9	0.0	0.0
1925	D	58.5	58.5	0.0	0.0
1926	D	58.1	58.5	0.4	0.7
1927	W	56.7	56.7	0.0	0.0
1928	AN	57.4	57.3	-0.1	-0.2
1929	C	57.4	57.0	-0.4	-0.7
1930	D	56.6	56.7	0.1	0.2
1931	C	57.9	57.9	0.0	0.0
1932	D	59.7	59.8	0.1	0.2
1933	C	56.7	56.7	0.0	0.0
1934	C	57.6	57.7	0.1	0.2
1935	BN	59.4	59.5	0.1	0.2
1936	BN	57.7	57.8	0.1	0.2
1937	BN	58.6	58.7	0.1	0.2
1938	W	58.6	58.6	0.0	0.0
1939	D	55.5	55.5	0.0	0.0
1940	AN	58.1	58.2	0.1	0.2
1941	W	55.6	55.6	0.0	0.0
1942	W	55.3	55.4	0.1	0.2
1943	W	57.2	57.3	0.1	0.2
1944	D	56.6	56.6	0.0	0.0
1945	BN	56.1	56.2	0.1	0.2
1946	BN	56.3	56.4	0.1	0.2
1947	D	56.2	56.4	0.2	0.4
1948	BN	57.2	57.2	0.0	0.0
1949	D	56.6	56.7	0.1	0.2
1950	BN	57.6	57.6	0.0	0.0
1951	AN	57.2	57.2	0.0	0.0
1952	W	57.6	57.7	0.1	0.2
1953	W	55.7	55.8	0.1	0.2
1954	AN	56.8	56.5	-0.3	-0.5
1955	D	58.3	58.3	0.0	0.0
1956	W	56.9	56.9	0.0	0.0
1957	AN	57.7	57.8	0.1	0.2
1958	W	57.3	57.3	0.0	0.0
1959	BN	55.8	55.7	-0.1	-0.2
1960	D	56.6	56.7	0.1	0.2
1961	D	56.0	55.5	-0.5	-0.9
1962	BN	56.3	56.2	-0.1	-0.2
1963	W	58.2	58.3	0.1	0.2
1964	D	55.8	55.9	0.1	0.2
1965	W	57.4	57.3	-0.1	-0.2
1966	BN	57.7	57.6	-0.1	-0.2
1967	W	56.0	56.1	0.1	0.2
1968	BN	57.0	56.8	-0.2	-0.4
1969	W	56.5	57.2	0.7	1.2
1970	W	57.8	57.8	0.0	0.0
1971	W	56.1	56.3	0.2	0.4
1972	BN	57.1	57.1	0.0	0.0
1973	AN	58.8	58.8	0.0	0.0
1974	W	58.1	58.2	0.1	0.2
1975	W	57.5	57.6	0.1	0.2
1976	C	58.2	58.1	-0.1	-0.2
1977	C	55.7	55.8	0.1	0.2
1978	AN	57.3	57.3	0.0	0.0
1979	BN	57.9	58.0	0.1	0.2
1980	AN	56.3	56.4	0.1	0.2
1981	D	56.4	56.4	0.0	0.0
1982	W	58.2	58.3	0.1	0.2
1983	W	56.8	56.8	0.0	0.0
1984	W	57.2	57.1	-0.1	-0.2
1985	D	55.2	55.2	0.0	0.0
1986	W	56.6	56.7	0.1	0.2
1987	D	56.3	56.3	0.0	0.0
1988	C	56.7	56.5	-0.2	-0.4
1989	D	56.1	55.7	-0.4	-0.7
1990	C	57.5	57.5	0.0	0.0
1991	C	56.2	56.2	0.0	0.0
1992	C	57.4	57.1	-0.3	-0.5
1993	AN	56.5	56.9	0.4	0.7
	Mean:	57.1	57.1	0.0	0.0
	Median:	57.1	57.1	0.0	0.0
	Min:	55.2	55.2	-0.5	-0.9
	Max:	59.7	59.8	0.7	1.2

Sacramento River Water Temperatures at Bend Bridge

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	54.8	54.9	0.1	0.2
1924	C	56.6	56.4	-0.2	-0.4
1925	D	58.8	58.9	0.1	0.2
1926	D	58.6	59.3	0.7	1.2
1927	W	57.3	57.1	-0.2	-0.3
1928	AN	56.2	56.2	0.0	0.0
1929	C	56.9	56.6	-0.3	-0.5
1930	D	57.0	57.0	0.0	0.0
1931	C	56.7	56.2	-0.5	-0.9
1932	D	60.1	60.1	0.0	0.0
1933	C	58.9	58.3	-0.6	-1.0
1934	C	56.4	56.8	0.4	0.7
1935	BN	57.8	58.2	0.4	0.7
1936	BN	57.9	58.0	0.1	0.2
1937	BN	58.1	58.1	0.0	0.0
1938	W	59.4	59.5	0.1	0.2
1939	D	55.3	55.3	0.0	0.0
1940	AN	57.9	57.7	-0.2	-0.3
1941	W	58.0	58.1	0.1	0.2
1942	W	58.6	58.7	0.1	0.2
1943	W	56.1	56.1	0.0	0.0
1944	D	55.3	55.4	0.1	0.2
1945	BN	56.7	56.7	0.0	0.0
1946	BN	54.9	54.9	0.0	0.0
1947	D	55.5	56.1	0.6	1.1
1948	BN	58.7	58.8	0.1	0.2
1949	D	56.6	56.6	0.0	0.0
1950	BN	57.1	57.1	0.0	0.0
1951	AN	56.5	56.3	-0.2	-0.4
1952	W	57.5	57.6	0.1	0.2
1953	W	57.6	57.7	0.1	0.2
1954	AN	56.9	56.7	-0.2	-0.4
1955	D	56.6	56.3	-0.3	-0.5
1956	W	58.7	58.8	0.1	0.2
1957	AN	58.6	58.6	0.0	0.0
1958	W	58.5	58.6	0.1	0.2
1959	BN	55.8	55.7	-0.1	-0.2
1960	D	57.7	57.3	-0.4	-0.7
1961	D	57.2	56.9	-0.3	-0.5
1962	BN	57.1	56.9	-0.2	-0.4
1963	W	58.4	58.3	-0.1	-0.2
1964	D	56.4	56.3	-0.1	-0.2
1965	W	57.6	57.4	-0.2	-0.3
1966	BN	56.1	56.0	-0.1	-0.2
1967	W	58.6	58.7	0.1	0.2
1968	BN	57.0	56.9	-0.1	-0.2
1969	W	58.0	57.9	-0.1	-0.2
1970	W	57.4	57.5	0.1	0.2
1971	W	58.1	58.2	0.1	0.2
1972	BN	55.4	55.2	-0.2	-0.4
1973	AN	57.8	57.6	-0.2	-0.3
1974	W	59.4	59.3	-0.1	-0.2
1975	W	58.3	58.1	-0.2	-0.3
1976	C	54.7	54.9	0.2	0.4
1977	C	56.3	56.1	-0.2	-0.4
1978	AN	57.5	57.3	-0.2	-0.3
1979	BN	55.2	55.3	0.1	0.2
1980	AN	55.2	55.2	0.0	0.0
1981	D	56.0	56.3	0.3	0.5
1982	W	57.8	57.9	0.1	0.2
1983	W	56.3	56.3	0.0	0.0
1984	W	56.4	56.3	-0.1	-0.2
1985	D	56.2	56.3	0.1	0.2
1986	W	56.4	56.4	0.0	0.0
1987	D	55.6	55.4	-0.2	-0.4
1988	C	55.7	55.3	-0.4	-0.7
1989	D	56.8	56.7	-0.1	-0.2
1990	C	57.9	57.1	-0.8	-1.4
1991	C	57.4	57.3	-0.1	-0.2
1992	C	55.5	55.9	0.4	0.7
1993	AN	58.8	59.1	0.3	0.5
	Mean:	57.1	57.1	0.0	0.0
	Median:	57.1	56.9	0.0	0.0
	Min:	54.7	54.9	-0.8	-1.4
	Max:	60.1	60.1	0.7	1.2

Sacramento River Water Temperatures at Bend Bridge

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	56.2	56.4	0.2	0.4
1924	C	62.2	63.3	1.1	1.8
1925	D	57.3	57.3	0.0	0.0
1926	D	58.2	58.5	0.3	0.5
1927	W	56.4	56.3	-0.1	-0.2
1928	AN	55.8	55.8	0.0	0.0
1929	C	57.1	56.8	-0.3	-0.5
1930	D	57.7	57.6	-0.1	-0.2
1931	C	60.5	61.9	1.4	2.3
1932	D	57.8	59.0	1.2	2.1
1933	C	58.9	61.3	2.4	4.1
1934	C	60.5	62.7	2.2	3.6
1935	BN	56.6	56.8	0.2	0.4
1936	BN	57.3	57.3	0.0	0.0
1937	BN	58.0	58.2	0.2	0.3
1938	W	57.9	57.8	-0.1	-0.2
1939	D	56.0	55.9	-0.1	-0.2
1940	AN	56.0	55.9	-0.1	-0.2
1941	W	57.2	57.2	0.0	0.0
1942	W	57.5	57.4	-0.1	-0.2
1943	W	55.4	55.5	0.1	0.2
1944	D	56.6	56.6	0.0	0.0
1945	BN	56.4	56.4	0.0	0.0
1946	BN	55.5	55.6	0.1	0.2
1947	D	55.1	55.5	0.4	0.7
1948	BN	57.1	56.9	-0.2	-0.4
1949	D	54.9	54.9	0.0	0.0
1950	BN	58.0	58.0	0.0	0.0
1951	AN	55.4	55.8	0.4	0.7
1952	W	58.5	58.6	0.1	0.2
1953	W	57.1	57.5	0.4	0.7
1954	AN	55.6	55.9	0.3	0.5
1955	D	55.5	55.7	0.2	0.4
1956	W	58.2	58.1	-0.1	-0.2
1957	AN	55.6	56.2	0.6	1.1
1958	W	57.3	57.4	0.1	0.2
1959	BN	56.6	56.7	0.1	0.2
1960	D	56.2	56.6	0.4	0.7
1961	D	56.2	56.4	0.2	0.4
1962	BN	56.9	57.0	0.1	0.2
1963	W	56.5	56.7	0.2	0.4
1964	D	56.8	56.5	-0.3	-0.5
1965	W	56.1	56.6	0.5	0.9
1966	BN	54.9	55.1	0.2	0.4
1967	W	57.8	57.8	0.0	0.0
1968	BN	56.5	56.6	0.1	0.2
1969	W	58.2	58.1	-0.1	-0.2
1970	W	56.6	56.6	0.0	0.0
1971	W	58.1	57.6	-0.5	-0.9
1972	BN	56.1	56.3	0.2	0.4
1973	AN	57.0	57.0	0.0	0.0
1974	W	58.9	59.0	0.1	0.2
1975	W	57.7	58.0	0.3	0.5
1976	C	57.3	56.5	-0.8	-1.4
1977	C	58.9	60.3	1.4	2.4
1978	AN	57.2	57.1	-0.1	-0.2
1979	BN	56.3	56.4	0.1	0.2
1980	AN	56.5	56.3	-0.2	-0.4
1981	D	55.9	55.9	0.0	0.0
1982	W	57.2	57.3	0.1	0.2
1983	W	55.8	55.9	0.1	0.2
1984	W	56.4	56.4	0.0	0.0
1985	D	56.1	56.3	0.2	0.4
1986	W	56.3	56.3	0.0	0.0
1987	D	55.1	55.2	0.1	0.2
1988	C	58.4	58.4	0.0	0.0
1989	D	56.6	56.4	-0.2	-0.4
1990	C	57.1	56.9	-0.2	-0.4
1991	C	58.6	58.5	-0.1	-0.2
1992	C	57.3	58.2	0.9	1.6
1993	AN	56.2	56.2	0.0	0.0
	Mean:	57.0	57.2	0.2	0.3
	Median:	56.8	56.7	0.1	0.2
	Min:	54.9	54.9	-0.8	-1.4
	Max:	62.2	63.3	2.4	4.1

Sacramento River Water Temperatures at Bend Bridge

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.7	55.7	0.0	0.0
1924	C	68.1	67.8	-0.3	-0.4
1925	D	57.8	58.1	0.3	0.5
1926	D	58.9	58.6	-0.3	-0.5
1927	W	55.9	55.7	-0.2	-0.4
1928	AN	56.7	56.6	-0.1	-0.2
1929	C	57.3	56.9	-0.4	-0.7
1930	D	56.6	56.5	-0.1	-0.2
1931	C	67.6	68.9	1.3	1.9
1932	D	62.9	64.3	1.4	2.2
1933	C	62.9	66.2	3.3	5.2
1934	C	68.2	68.5	0.3	0.4
1935	BN	59.0	59.0	0.0	0.0
1936	BN	56.7	56.6	-0.1	-0.2
1937	BN	57.1	57.0	-0.1	-0.2
1938	W	55.7	55.5	-0.2	-0.4
1939	D	56.2	55.7	-0.5	-0.9
1940	AN	56.1	56.0	-0.1	-0.2
1941	W	54.5	54.6	0.1	0.2
1942	W	55.8	55.7	-0.1	-0.2
1943	W	55.0	54.9	-0.1	-0.2
1944	D	55.6	55.6	0.0	0.0
1945	BN	55.5	55.3	-0.2	-0.4
1946	BN	55.2	55.2	0.0	0.0
1947	D	55.1	55.3	0.2	0.4
1948	BN	55.9	55.8	-0.1	-0.2
1949	D	54.8	54.8	0.0	0.0
1950	BN	56.9	56.9	0.0	0.0
1951	AN	55.9	55.8	-0.1	-0.2
1952	W	55.4	55.4	0.0	0.0
1953	W	55.8	55.5	-0.3	-0.5
1954	AN	55.1	56.0	0.9	1.6
1955	D	57.2	57.2	0.0	0.0
1956	W	56.3	56.4	0.1	0.2
1957	AN	56.0	55.7	-0.3	-0.5
1958	W	56.5	56.5	0.0	0.0
1959	BN	57.8	58.1	0.3	0.5
1960	D	56.7	57.2	0.5	0.9
1961	D	56.2	56.7	0.5	0.9
1962	BN	56.3	56.3	0.0	0.0
1963	W	57.3	57.1	-0.2	-0.3
1964	D	56.9	56.2	-0.7	-1.2
1965	W	57.3	57.0	-0.3	-0.5
1966	BN	57.0	57.0	0.0	0.0
1967	W	56.4	56.5	0.1	0.2
1968	BN	57.3	57.3	0.0	0.0
1969	W	57.3	57.2	-0.1	-0.2
1970	W	57.2	57.1	-0.1	-0.2
1971	W	57.8	58.4	0.6	1.0
1972	BN	56.9	56.5	-0.4	-0.7
1973	AN	57.2	57.0	-0.2	-0.3
1974	W	56.4	56.6	0.2	0.4
1975	W	55.2	55.3	0.1	0.2
1976	C	58.4	58.7	0.3	0.5
1977	C	68.6	70.1	1.5	2.2
1978	AN	56.9	56.8	-0.1	-0.2
1979	BN	56.3	56.2	-0.1	-0.2
1980	AN	56.0	55.8	-0.2	-0.4
1981	D	57.2	56.6	-0.6	-1.0
1982	W	56.9	56.6	-0.3	-0.5
1983	W	54.7	54.8	0.1	0.2
1984	W	57.0	56.9	-0.1	-0.2
1985	D	54.8	54.7	-0.1	-0.2
1986	W	55.9	55.8	-0.1	-0.2
1987	D	57.2	57.6	0.4	0.7
1988	C	57.7	58.5	0.8	1.4
1989	D	56.5	56.4	-0.1	-0.2
1990	C	57.5	58.7	1.2	2.1
1991	C	57.9	58.2	0.3	0.5
1992	C	63.4	64.8	1.4	2.2
1993	AN	56.6	56.7	0.1	0.2
	Mean:	57.4	57.6	0.1	0.2
	Median:	56.7	56.6	0.0	0.0
	Min:	54.5	54.6	-0.7	-1.2
	Max:	68.6	70.1	3.3	5.2

Sacramento River Water Temperatures at Bend Bridge

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	56.9	57.5	0.6	1.1
1924	C	65.9	66.0	0.1	0.2
1925	D	58.6	58.9	0.3	0.5
1926	D	60.5	60.4	-0.1	-0.2
1927	W	55.1	55.0	-0.1	-0.2
1928	AN	56.2	56.1	-0.1	-0.2
1929	C	57.5	58.1	0.6	1.0
1930	D	55.8	56.0	0.2	0.4
1931	C	66.6	66.0	-0.6	-0.9
1932	D	67.8	68.8	1.0	1.5
1933	C	65.6	66.4	0.8	1.2
1934	C	66.8	67.7	0.9	1.3
1935	BN	62.4	63.3	0.9	1.4
1936	BN	59.4	59.4	0.0	0.0
1937	BN	57.1	56.8	-0.3	-0.5
1938	W	54.6	55.2	0.6	1.1
1939	D	57.6	57.5	-0.1	-0.2
1940	AN	55.0	55.6	0.6	1.1
1941	W	53.4	53.4	0.0	0.0
1942	W	53.7	54.0	0.3	0.6
1943	W	56.8	56.6	-0.2	-0.4
1944	D	57.1	57.5	0.4	0.7
1945	BN	56.2	56.1	-0.1	-0.2
1946	BN	55.1	54.9	-0.2	-0.4
1947	D	58.5	58.7	0.2	0.3
1948	BN	55.4	55.7	0.3	0.5
1949	D	56.0	55.9	-0.1	-0.2
1950	BN	57.1	57.1	0.0	0.0
1951	AN	57.6	57.4	-0.2	-0.3
1952	W	54.5	54.6	0.1	0.2
1953	W	54.8	54.9	0.1	0.2
1954	AN	56.2	56.2	0.0	0.0
1955	D	57.8	57.7	-0.1	-0.2
1956	W	54.4	54.6	0.2	0.4
1957	AN	58.1	58.3	0.2	0.3
1958	W	55.2	55.2	0.0	0.0
1959	BN	59.9	59.8	-0.1	-0.2
1960	D	57.8	58.1	0.3	0.5
1961	D	57.7	57.9	0.2	0.3
1962	BN	57.8	57.8	0.0	0.0
1963	W	58.5	58.6	0.1	0.2
1964	D	57.5	57.2	-0.3	-0.5
1965	W	56.2	56.1	-0.1	-0.2
1966	BN	57.6	57.4	-0.2	-0.3
1967	W	54.6	54.7	0.1	0.2
1968	BN	57.7	57.7	0.0	0.0
1969	W	55.0	55.6	0.6	1.1
1970	W	57.9	57.6	-0.3	-0.5
1971	W	54.9	55.1	0.2	0.4
1972	BN	56.9	56.9	0.0	0.0
1973	AN	57.5	57.3	-0.2	-0.3
1974	W	54.9	54.9	0.0	0.0
1975	W	55.8	55.8	0.0	0.0
1976	C	59.0	60.1	1.1	1.9
1977	C	66.2	65.3	-0.9	-1.4
1978	AN	57.8	58.0	0.2	0.3
1979	BN	57.6	57.5	-0.1	-0.2
1980	AN	56.2	56.0	-0.2	-0.4
1981	D	57.3	57.5	0.2	0.3
1982	W	55.0	55.5	0.5	0.9
1983	W	54.1	54.2	0.1	0.2
1984	W	57.9	57.7	-0.2	-0.3
1985	D	55.2	55.2	0.0	0.0
1986	W	55.7	55.7	0.0	0.0
1987	D	55.8	56.8	1.0	1.8
1988	C	61.4	61.7	0.3	0.5
1989	D	57.9	58.3	0.4	0.7
1990	C	61.5	62.5	1.0	1.6
1991	C	62.6	64.4	1.8	2.9
1992	C	66.6	66.9	0.3	0.5
1993	AN	54.6	54.9	0.3	0.5
	Mean:	57.9	58.0	0.2	0.3
	Median:	57.3	57.4	0.1	0.2
	Min:	53.4	53.4	-0.9	-1.4
	Max:	67.8	68.8	1.8	2.9

Sacramento River Water Temperatures at Freeport

October					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	59.0	59.1	0.1	0.2
1924	C	60.4	60.0	-0.4	-0.7
1925	D	58.8	58.6	-0.2	-0.3
1926	D	60.2	60.2	0.0	0.0
1927	W	62.3	62.2	-0.1	-0.2
1928	AN	60.7	60.8	0.1	0.2
1929	C	59.8	59.9	0.1	0.2
1930	D	62.8	63.0	0.2	0.3
1931	C	60.3	60.5	0.2	0.3
1932	D	61.1	61.5	0.4	0.7
1933	C	62.5	62.2	-0.3	-0.5
1934	C	65.5	65.2	-0.3	-0.5
1935	BN	62.8	62.8	0.0	0.0
1936	BN	60.0	60.2	0.2	0.3
1937	BN	62.4	62.9	0.5	0.8
1938	W	61.4	61.6	0.2	0.3
1939	D	58.8	58.7	-0.1	-0.2
1940	AN	61.8	61.8	0.0	0.0
1941	W	60.9	60.9	0.0	0.0
1942	W	58.4	58.5	0.1	0.2
1943	W	60.1	60.2	0.1	0.2
1944	D	59.9	60.1	0.2	0.3
1945	BN	62.0	62.1	0.1	0.2
1946	BN	62.2	62.4	0.2	0.3
1947	D	58.7	58.8	0.1	0.2
1948	BN	60.5	60.6	0.1	0.2
1949	D	59.2	59.3	0.1	0.2
1950	BN	59.4	59.5	0.1	0.2
1951	AN	60.3	60.1	-0.2	-0.3
1952	W	59.0	59.1	0.1	0.2
1953	W	61.6	61.8	0.2	0.3
1954	AN	58.9	59.0	0.1	0.2
1955	D	59.5	59.4	-0.1	-0.2
1956	W	61.4	61.5	0.1	0.2
1957	AN	58.6	57.9	-0.7	-1.2
1958	W	57.7	57.7	0.0	0.0
1959	BN	63.1	62.5	-0.6	-1.0
1960	D	63.3	63.4	0.1	0.2
1961	D	61.4	61.7	0.3	0.5
1962	BN	61.0	61.2	0.2	0.3
1963	W	60.4	60.4	0.0	0.0
1964	D	59.9	60.2	0.3	0.5
1965	W	62.5	62.7	0.2	0.3
1966	BN	62.3	62.2	-0.1	-0.2
1967	W	60.8	60.7	-0.1	-0.2
1968	BN	61.9	61.0	-0.9	-1.5
1969	W	59.9	59.8	-0.1	-0.2
1970	W	57.7	57.7	0.0	0.0
1971	W	60.0	59.8	-0.2	-0.3
1972	BN	57.9	58.1	0.2	0.3
1973	AN	59.9	59.9	0.0	0.0
1974	W	60.1	60.4	0.3	0.5
1975	W	61.1	61.0	-0.1	-0.2
1976	C	58.6	58.7	0.1	0.2
1977	C	63.7	63.0	-0.7	-1.1
1978	AN	62.6	62.2	-0.4	-0.6
1979	BN	62.7	63.1	0.4	0.6
1980	AN	61.3	61.3	0.0	0.0
1981	D	61.8	61.5	-0.3	-0.5
1982	W	59.5	59.8	0.3	0.5
1983	W	58.2	58.1	-0.1	-0.2
1984	W	61.3	60.9	-0.4	-0.7
1985	D	59.1	59.0	-0.1	-0.2
1986	W	60.1	60.2	0.1	0.2
1987	D	61.4	61.6	0.2	0.3
1988	C	64.1	64.1	0.0	0.0
1989	D	64.2	64.2	0.0	0.0
1990	C	60.1	60.1	0.0	0.0
1991	C	64.4	64.2	-0.2	-0.3
1992	C	66.7	66.5	-0.2	-0.3
1993	AN	63.9	64.0	0.1	0.2
	Mean:	60.9	60.9	0.0	0.0
	Median:	60.7	60.7	0.0	0.0
	Min:	57.7	57.7	-0.9	-1.5
	Max:	66.7	66.5	0.5	0.8

Sacramento River Water Temperatures at Freeport

November					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	50.2	49.8	-0.4	-0.8
1924	C	55.4	55.4	0.0	0.0
1925	D	51.0	51.1	0.1	0.2
1926	D	52.2	52.1	-0.1	-0.2
1927	W	54.9	55.0	0.1	0.2
1928	AN	53.0	52.8	-0.2	-0.4
1929	C	52.1	52.1	0.0	0.0
1930	D	54.9	55.0	0.1	0.2
1931	C	54.2	54.2	0.0	0.0
1932	D	50.8	50.7	-0.1	-0.2
1933	C	56.5	56.5	0.0	0.0
1934	C	54.9	54.8	-0.1	-0.2
1935	BN	53.2	53.2	0.0	0.0
1936	BN	51.8	51.4	-0.4	-0.8
1937	BN	54.6	54.5	-0.1	-0.2
1938	W	53.0	53.0	0.0	0.0
1939	D	52.9	52.3	-0.6	-1.1
1940	AN	55.1	54.8	-0.3	-0.5
1941	W	52.6	52.3	-0.3	-0.6
1942	W	54.3	54.1	-0.2	-0.4
1943	W	53.4	52.9	-0.5	-0.9
1944	D	53.6	53.3	-0.3	-0.6
1945	BN	51.3	51.2	-0.1	-0.2
1946	BN	52.7	52.5	-0.2	-0.4
1947	D	51.3	51.6	0.3	0.6
1948	BN	51.2	51.1	-0.1	-0.2
1949	D	53.1	52.5	-0.6	-1.1
1950	BN	54.7	54.7	0.0	0.0
1951	AN	54.7	54.8	0.1	0.2
1952	W	52.5	52.5	0.0	0.0
1953	W	52.2	51.3	-0.9	-1.7
1954	AN	53.1	52.7	-0.4	-0.8
1955	D	51.6	51.6	0.0	0.0
1956	W	51.7	51.6	-0.1	-0.2
1957	AN	53.6	53.1	-0.5	-0.9
1958	W	51.5	51.4	-0.1	-0.2
1959	BN	54.4	53.9	-0.5	-0.9
1960	D	54.5	54.3	-0.2	-0.4
1961	D	52.2	52.1	-0.1	-0.2
1962	BN	52.3	52.2	-0.1	-0.2
1963	W	54.3	54.1	-0.2	-0.4
1964	D	52.1	52.0	-0.1	-0.2
1965	W	50.5	50.5	0.0	0.0
1966	BN	52.6	52.4	-0.2	-0.4
1967	W	53.1	53.1	0.0	0.0
1968	BN	55.4	55.1	-0.3	-0.5
1969	W	52.2	51.9	-0.3	-0.6
1970	W	53.3	53.1	-0.2	-0.4
1971	W	53.1	53.1	0.0	0.0
1972	BN	53.2	52.5	-0.7	-1.3
1973	AN	50.1	49.9	-0.2	-0.4
1974	W	51.4	51.2	-0.2	-0.4
1975	W	53.0	52.3	-0.7	-1.3
1976	C	53.2	52.7	-0.5	-0.9
1977	C	55.6	55.3	-0.3	-0.5
1978	AN	53.0	53.0	0.0	0.0
1979	BN	51.1	51.0	-0.1	-0.2
1980	AN	51.8	51.6	-0.2	-0.4
1981	D	53.5	52.9	-0.6	-1.1
1982	W	53.3	53.5	0.2	0.4
1983	W	50.9	50.6	-0.3	-0.6
1984	W	52.6	52.6	0.0	0.0
1985	D	51.9	51.7	-0.2	-0.4
1986	W	49.4	49.8	0.4	0.8
1987	D	54.2	54.1	-0.1	-0.2
1988	C	53.0	52.9	-0.1	-0.2
1989	D	52.3	52.4	0.1	0.2
1990	C	53.5	53.5	0.0	0.0
1991	C	52.6	52.3	-0.3	-0.6
1992	C	54.6	54.4	-0.2	-0.4
1993	AN	52.7	52.8	0.1	0.2
	Mean:	52.9	52.7	-0.2	-0.3
	Median:	53.0	52.6	-0.1	-0.2
	Min:	49.4	49.8	-0.9	-1.7
	Max:	56.5	56.5	0.4	0.8

Sacramento River Water Temperatures at Freeport

December					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	45.6	45.6	0.0	0.0
1924	C	45.6	45.1	-0.5	-1.1
1925	D	41.3	41.4	0.1	0.2
1926	D	46.0	46.0	0.0	0.0
1927	W	45.7	45.6	-0.1	-0.2
1928	AN	45.6	45.6	0.0	0.0
1929	C	43.7	43.6	-0.1	-0.2
1930	D	47.8	47.8	0.0	0.0
1931	C	45.7	45.7	0.0	0.0
1932	D	44.0	44.0	0.0	0.0
1933	C	42.2	42.3	0.1	0.2
1934	C	44.4	44.4	0.0	0.0
1935	BN	46.3	46.3	0.0	0.0
1936	BN	47.0	46.9	-0.1	-0.2
1937	BN	45.7	45.4	-0.3	-0.7
1938	W	47.9	47.8	-0.1	-0.2
1939	D	47.7	47.6	-0.1	-0.2
1940	AN	48.3	48.3	0.0	0.0
1941	W	48.0	47.9	-0.1	-0.2
1942	W	48.0	47.9	-0.1	-0.2
1943	W	46.3	46.2	-0.1	-0.2
1944	D	47.4	47.4	0.0	0.0
1945	BN	46.8	46.8	0.0	0.0
1946	BN	46.4	46.4	0.0	0.0
1947	D	45.3	45.3	0.0	0.0
1948	BN	44.7	44.6	-0.1	-0.2
1949	D	43.0	42.9	-0.1	-0.2
1950	BN	43.8	43.8	0.0	0.0
1951	AN	47.9	47.9	0.0	0.0
1952	W	45.8	45.8	0.0	0.0
1953	W	46.2	46.2	0.0	0.0
1954	AN	47.5	47.5	0.0	0.0
1955	D	44.1	44.1	0.0	0.0
1956	W	47.4	47.1	-0.3	-0.6
1957	AN	45.5	45.7	0.2	0.4
1958	W	45.7	45.7	0.0	0.0
1959	BN	50.3	50.3	0.0	0.0
1960	D	46.6	46.8	0.2	0.4
1961	D	45.2	45.2	0.0	0.0
1962	BN	44.3	44.3	0.0	0.0
1963	W	47.3	47.3	0.0	0.0
1964	D	42.5	42.5	0.0	0.0
1965	W	47.3	47.1	-0.2	-0.4
1966	BN	42.8	42.5	-0.3	-0.7
1967	W	45.9	46.0	0.1	0.2
1968	BN	45.6	45.5	-0.1	-0.2
1969	W	44.0	43.9	-0.1	-0.2
1970	W	48.5	48.5	0.0	0.0
1971	W	45.7	45.7	0.0	0.0
1972	BN	43.7	43.6	-0.1	-0.2
1973	AN	42.5	42.1	-0.4	-0.9
1974	W	47.2	47.2	0.0	0.0
1975	W	45.6	45.6	0.0	0.0
1976	C	46.4	46.4	0.0	0.0
1977	C	47.5	46.9	-0.6	-1.3
1978	AN	47.3	47.3	0.0	0.0
1979	BN	43.4	43.8	0.4	0.9
1980	AN	46.4	46.4	0.0	0.0
1981	D	46.5	46.4	-0.1	-0.2
1982	W	48.3	48.1	-0.2	-0.4
1983	W	46.0	46.0	0.0	0.0
1984	W	48.2	48.2	0.0	0.0
1985	D	45.0	45.1	0.1	0.2
1986	W	42.8	42.7	-0.1	-0.2
1987	D	45.9	45.9	0.0	0.0
1988	C	45.7	45.7	0.0	0.0
1989	D	45.7	45.2	-0.5	-1.1
1990	C	45.4	45.1	-0.3	-0.7
1991	C	40.5	41.0	0.5	1.2
1992	C	45.5	44.8	-0.7	-1.5
1993	AN	43.6	43.6	0.0	0.0
	Mean:	45.7	45.7	-0.1	-0.1
	Median:	45.7	45.7	0.0	0.0
	Min:	40.5	41.0	-0.7	-1.5
	Max:	50.3	50.3	0.5	1.2

Sacramento River Water Temperatures at Freeport

January					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	43.6	43.4	-0.2	-0.5
1924	C	43.9	43.9	0.0	0.0
1925	D	45.5	45.5	0.0	0.0
1926	D	42.3	42.2	-0.1	-0.2
1927	W	45.7	45.6	-0.1	-0.2
1928	AN	45.2	45.2	0.0	0.0
1929	C	41.5	41.6	0.1	0.2
1930	D	43.3	43.3	0.0	0.0
1931	C	46.1	46.1	0.0	0.0
1932	D	44.3	44.3	0.0	0.0
1933	C	42.2	42.2	0.0	0.0
1934	C	46.5	46.5	0.0	0.0
1935	BN	45.2	45.1	-0.1	-0.2
1936	BN	46.9	47.0	0.1	0.2
1937	BN	39.0	39.0	0.0	0.0
1938	W	45.5	45.5	0.0	0.0
1939	D	46.2	46.2	0.0	0.0
1940	AN	46.1	46.1	0.0	0.0
1941	W	47.1	47.1	0.0	0.0
1942	W	46.0	46.0	0.0	0.0
1943	W	46.1	46.2	0.1	0.2
1944	D	45.7	45.7	0.0	0.0
1945	BN	44.5	44.5	0.0	0.0
1946	BN	45.1	45.1	0.0	0.0
1947	D	42.8	42.8	0.0	0.0
1948	BN	47.0	47.0	0.0	0.0
1949	D	39.4	39.4	0.0	0.0
1950	BN	42.1	41.9	-0.2	-0.5
1951	AN	45.0	45.0	0.0	0.0
1952	W	43.8	43.6	-0.2	-0.5
1953	W	47.7	47.7	0.0	0.0
1954	AN	46.1	46.1	0.0	0.0
1955	D	42.7	42.7	0.0	0.0
1956	W	46.3	46.3	0.0	0.0
1957	AN	43.4	43.4	0.0	0.0
1958	W	45.2	45.2	0.0	0.0
1959	BN	47.9	47.9	0.0	0.0
1960	D	44.8	44.7	-0.1	-0.2
1961	D	43.1	43.1	0.0	0.0
1962	BN	43.7	43.6	-0.1	-0.2
1963	W	42.9	42.9	0.0	0.0
1964	D	44.3	44.3	0.0	0.0
1965	W	45.4	45.3	-0.1	-0.2
1966	BN	44.4	44.3	-0.1	-0.2
1967	W	45.3	45.3	0.0	0.0
1968	BN	44.5	44.4	-0.1	-0.2
1969	W	44.4	44.2	-0.2	-0.5
1970	W	47.5	47.6	0.1	0.2
1971	W	45.1	45.1	0.0	0.0
1972	BN	42.9	42.6	-0.3	-0.7
1973	AN	44.3	44.3	0.0	0.0
1974	W	46.0	46.1	0.1	0.2
1975	W	44.3	44.2	-0.1	-0.2
1976	C	46.3	46.4	0.1	0.2
1977	C	43.6	43.7	0.1	0.2
1978	AN	47.2	47.2	0.0	0.0
1979	BN	44.9	44.8	-0.1	-0.2
1980	AN	46.4	46.3	-0.1	-0.2
1981	D	45.7	45.7	0.0	0.0
1982	W	43.7	43.6	-0.1	-0.2
1983	W	44.8	44.8	0.0	0.0
1984	W	46.2	46.6	0.4	0.9
1985	D	43.3	43.3	0.0	0.0
1986	W	47.5	47.5	0.0	0.0
1987	D	44.6	44.6	0.0	0.0
1988	C	45.6	45.6	0.0	0.0
1989	D	44.1	44.0	-0.1	-0.2
1990	C	45.5	45.5	0.0	0.0
1991	C	45.4	45.5	0.1	0.2
1992	C	42.8	42.9	0.1	0.2
1993	AN	44.5	44.5	0.0	0.0
	Mean:	44.8	44.7	0.0	0.0
	Median:	45.0	45.0	0.0	0.0
	Min:	39.0	39.0	-0.3	-0.7
	Max:	47.9	47.9	0.4	0.9

Sacramento River Water Temperatures at Freeport

February					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	49.1	49.1	0.0	0.0
1924	C	52.8	52.8	0.0	0.0
1925	D	49.9	50.0	0.1	0.2
1926	D	50.0	50.1	0.1	0.2
1927	W	49.2	49.3	0.1	0.2
1928	AN	50.0	50.1	0.1	0.2
1929	C	48.5	48.5	0.0	0.0
1930	D	50.9	51.1	0.2	0.4
1931	C	52.2	52.3	0.1	0.2
1932	D	48.4	48.6	0.2	0.4
1933	C	47.7	47.7	0.0	0.0
1934	C	51.3	51.3	0.0	0.0
1935	BN	49.5	49.6	0.1	0.2
1936	BN	49.0	49.1	0.1	0.2
1937	BN	47.7	47.9	0.2	0.4
1938	W	48.6	48.6	0.0	0.0
1939	D	48.4	48.6	0.2	0.4
1940	AN	49.3	49.3	0.0	0.0
1941	W	50.0	50.1	0.1	0.2
1942	W	48.6	48.6	0.0	0.0
1943	W	50.2	50.2	0.0	0.0
1944	D	49.0	49.1	0.1	0.2
1945	BN	49.9	49.9	0.0	0.0
1946	BN	47.2	47.1	-0.1	-0.2
1947	D	50.3	50.2	-0.1	-0.2
1948	BN	47.8	47.9	0.1	0.2
1949	D	46.1	46.2	0.1	0.2
1950	BN	48.5	48.5	0.0	0.0
1951	AN	48.3	48.3	0.0	0.0
1952	W	47.9	48.0	0.1	0.2
1953	W	50.0	50.0	0.0	0.0
1954	AN	49.5	49.5	0.0	0.0
1955	D	47.9	47.8	-0.1	-0.2
1956	W	47.1	47.1	0.0	0.0
1957	AN	49.9	50.0	0.1	0.2
1958	W	50.2	50.2	0.0	0.0
1959	BN	49.5	49.5	0.0	0.0
1960	D	49.1	49.1	0.0	0.0
1961	D	50.5	50.5	0.0	0.0
1962	BN	48.1	48.2	0.1	0.2
1963	W	52.0	52.0	0.0	0.0
1964	D	50.2	50.4	0.2	0.4
1965	W	49.0	48.9	-0.1	-0.2
1966	BN	47.3	47.4	0.1	0.2
1967	W	49.2	49.2	0.0	0.0
1968	BN	51.5	51.5	0.0	0.0
1969	W	47.3	47.4	0.1	0.2
1970	W	51.6	51.6	0.0	0.0
1971	W	48.8	48.8	0.0	0.0
1972	BN	50.2	50.2	0.0	0.0
1973	AN	50.2	50.2	0.0	0.0
1974	W	48.7	48.8	0.1	0.2
1975	W	49.0	49.0	0.0	0.0
1976	C	50.9	51.0	0.1	0.2
1977	C	52.5	52.6	0.1	0.2
1978	AN	50.1	50.1	0.0	0.0
1979	BN	48.6	48.7	0.1	0.2
1980	AN	49.6	49.7	0.1	0.2
1981	D	50.9	51.0	0.1	0.2
1982	W	48.5	48.5	0.0	0.0
1983	W	49.3	49.4	0.1	0.2
1984	W	49.3	49.4	0.1	0.2
1985	D	50.9	51.0	0.1	0.2
1986	W	49.6	49.6	0.0	0.0
1987	D	50.3	50.3	0.0	0.0
1988	C	51.2	51.4	0.2	0.4
1989	D	47.9	47.8	-0.1	-0.2
1990	C	47.6	47.7	0.1	0.2
1991	C	53.8	53.9	0.1	0.2
1992	C	52.0	52.0	0.0	0.0
1993	AN	48.8	48.8	0.0	0.0
	Mean:	49.5	49.6	0.0	0.1
	Median:	49.3	49.4	0.0	0.0
	Min:	46.1	46.2	-0.1	-0.2
	Max:	53.8	53.9	0.2	0.4

Sacramento River Water Temperatures at Freeport

March					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	55.8	56.4	0.6	1.1
1924	C	54.2	54.3	0.1	0.2
1925	D	53.8	54.0	0.2	0.4
1926	D	58.3	58.7	0.4	0.7
1927	W	52.9	53.0	0.1	0.2
1928	AN	53.8	53.9	0.1	0.2
1929	C	55.2	55.0	-0.2	-0.4
1930	D	55.8	55.8	0.0	0.0
1931	C	57.8	58.0	0.2	0.3
1932	D	56.8	57.0	0.2	0.4
1933	C	54.7	54.8	0.1	0.2
1934	C	60.3	60.5	0.2	0.3
1935	BN	52.5	52.5	0.0	0.0
1936	BN	56.6	56.7	0.1	0.2
1937	BN	54.6	54.7	0.1	0.2
1938	W	51.2	51.2	0.0	0.0
1939	D	55.8	55.9	0.1	0.2
1940	AN	54.2	54.2	0.0	0.0
1941	W	54.7	54.8	0.1	0.2
1942	W	53.9	54.0	0.1	0.2
1943	W	53.0	53.0	0.0	0.0
1944	D	56.1	56.1	0.0	0.0
1945	BN	51.8	51.9	0.1	0.2
1946	BN	53.8	54.1	0.3	0.6
1947	D	56.1	56.2	0.1	0.2
1948	BN	51.7	51.6	-0.1	-0.2
1949	D	52.6	52.6	0.0	0.0
1950	BN	53.0	53.1	0.1	0.2
1951	AN	53.8	53.7	-0.1	-0.2
1952	W	51.2	51.3	0.1	0.2
1953	W	53.5	53.6	0.1	0.2
1954	AN	51.9	51.9	0.0	0.0
1955	D	55.1	54.9	-0.2	-0.4
1956	W	54.2	54.2	0.0	0.0
1957	AN	54.4	54.4	0.0	0.0
1958	W	51.5	51.5	0.0	0.0
1959	BN	56.8	56.8	0.0	0.0
1960	D	54.9	54.9	0.0	0.0
1961	D	53.3	53.4	0.1	0.2
1962	BN	52.4	52.4	0.0	0.0
1963	W	52.4	52.5	0.1	0.2
1964	D	54.1	53.9	-0.2	-0.4
1965	W	53.8	53.8	0.0	0.0
1966	BN	53.7	53.8	0.1	0.2
1967	W	51.5	51.5	0.0	0.0
1968	BN	55.9	55.9	0.0	0.0
1969	W	53.4	53.4	0.0	0.0
1970	W	55.1	55.1	0.0	0.0
1971	W	52.1	52.1	0.0	0.0
1972	BN	56.3	56.3	0.0	0.0
1973	AN	52.4	52.4	0.0	0.0
1974	W	51.9	51.9	0.0	0.0
1975	W	51.6	51.6	0.0	0.0
1976	C	55.2	55.1	-0.1	-0.2
1977	C	53.9	53.9	0.0	0.0
1978	AN	55.3	55.4	0.1	0.2
1979	BN	55.1	55.1	0.0	0.0
1980	AN	53.8	53.8	0.0	0.0
1981	D	53.7	53.7	0.0	0.0
1982	W	51.4	51.4	0.0	0.0
1983	W	52.3	52.3	0.0	0.0
1984	W	56.0	55.5	-0.5	-0.9
1985	D	53.0	52.8	-0.2	-0.4
1986	W	54.9	55.2	0.3	0.5
1987	D	54.1	54.1	0.0	0.0
1988	C	57.5	57.5	0.0	0.0
1989	D	53.6	53.7	0.1	0.2
1990	C	56.1	56.1	0.0	0.0
1991	C	52.2	52.2	0.0	0.0
1992	C	56.2	56.4	0.2	0.4
1993	AN	54.6	54.4	-0.2	-0.4
	Mean:	54.2	54.2	0.0	0.1
	Median:	53.9	54.0	0.0	0.0
	Min:	51.2	51.2	-0.5	-0.9
	Max:	60.3	60.5	0.6	1.1

Sacramento River Water Temperatures at Freeport

April					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	59.1	59.1	0.0	0.0
1924	C	62.9	62.7	-0.2	-0.3
1925	D	59.9	60.1	0.2	0.3
1926	D	63.0	63.0	0.0	0.0
1927	W	58.1	58.2	0.1	0.2
1928	AN	58.7	59.0	0.3	0.5
1929	C	57.7	58.7	1.0	1.7
1930	D	61.5	61.5	0.0	0.0
1931	C	64.4	64.5	0.1	0.2
1932	D	60.1	60.3	0.2	0.3
1933	C	60.6	61.0	0.4	0.7
1934	C	63.9	63.9	0.0	0.0
1935	BN	59.0	59.2	0.2	0.3
1936	BN	60.3	60.5	0.2	0.3
1937	BN	59.1	59.3	0.2	0.3
1938	W	57.6	57.7	0.1	0.2
1939	D	65.4	65.5	0.1	0.2
1940	AN	61.0	61.2	0.2	0.3
1941	W	58.0	58.1	0.1	0.2
1942	W	57.4	57.5	0.1	0.2
1943	W	59.4	59.6	0.2	0.3
1944	D	59.2	59.3	0.1	0.2
1945	BN	61.7	62.1	0.4	0.6
1946	BN	61.0	61.6	0.6	1.0
1947	D	63.6	63.9	0.3	0.5
1948	BN	56.4	56.6	0.2	0.4
1949	D	62.1	62.4	0.3	0.5
1950	BN	61.1	61.3	0.2	0.3
1951	AN	60.6	60.8	0.2	0.3
1952	W	56.7	56.8	0.1	0.2
1953	W	59.1	59.4	0.3	0.5
1954	AN	59.5	59.6	0.1	0.2
1955	D	57.2	57.3	0.1	0.2
1956	W	60.4	60.5	0.1	0.2
1957	AN	60.7	60.8	0.1	0.2
1958	W	58.6	58.7	0.1	0.2
1959	BN	65.3	65.5	0.2	0.3
1960	D	60.6	60.7	0.1	0.2
1961	D	61.5	61.7	0.2	0.3
1962	BN	61.7	62.5	0.8	1.3
1963	W	55.6	55.7	0.1	0.2
1964	D	60.0	60.8	0.8	1.3
1965	W	57.5	57.6	0.1	0.2
1966	BN	63.6	63.7	0.1	0.2
1967	W	54.2	54.4	0.2	0.4
1968	BN	61.8	61.9	0.1	0.2
1969	W	57.6	57.7	0.1	0.2
1970	W	59.2	59.3	0.1	0.2
1971	W	59.4	59.5	0.1	0.2
1972	BN	60.9	61.0	0.1	0.2
1973	AN	61.8	62.1	0.3	0.5
1974	W	58.4	58.5	0.1	0.2
1975	W	57.0	57.3	0.3	0.5
1976	C	61.1	61.2	0.1	0.2
1977	C	64.1	64.0	-0.1	-0.2
1978	AN	58.0	58.2	0.2	0.3
1979	BN	60.2	60.4	0.2	0.3
1980	AN	61.2	61.3	0.1	0.2
1981	D	62.1	62.4	0.3	0.5
1982	W	56.4	56.4	0.0	0.0
1983	W	56.6	56.8	0.2	0.4
1984	W	60.5	60.7	0.2	0.3
1985	D	63.3	64.1	0.8	1.3
1986	W	60.9	60.9	0.0	0.0
1987	D	63.8	63.8	0.0	0.0
1988	C	63.4	63.5	0.1	0.2
1989	D	62.6	63.1	0.5	0.8
1990	C	64.7	64.8	0.1	0.2
1991	C	61.3	61.4	0.1	0.2
1992	C	63.2	63.2	0.0	0.0
1993	AN	60.3	60.6	0.3	0.5
	Mean:	60.3	60.5	0.2	0.3
	Median:	60.5	60.7	0.1	0.2
	Min:	54.2	54.4	-0.2	-0.3
	Max:	65.4	65.5	1.0	1.7

Sacramento River Water Temperatures at Freeport

May					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	64.2	64.3	0.1	0.2
1924	C	69.9	69.9	0.0	0.0
1925	D	64.9	65.4	0.5	0.8
1926	D	67.2	67.4	0.2	0.3
1927	W	64.0	64.1	0.1	0.2
1928	AN	67.0	67.1	0.1	0.1
1929	C	67.1	67.1	0.0	0.0
1930	D	64.0	64.1	0.1	0.2
1931	C	71.3	71.2	-0.1	-0.1
1932	D	65.8	66.0	0.2	0.3
1933	C	64.0	63.7	-0.3	-0.5
1934	C	69.5	69.6	0.1	0.1
1935	BN	65.4	65.7	0.3	0.5
1936	BN	66.9	66.8	-0.1	-0.1
1937	BN	66.7	66.8	0.1	0.1
1938	W	63.1	63.2	0.1	0.2
1939	D	68.2	68.4	0.2	0.3
1940	AN	66.9	67.2	0.3	0.4
1941	W	63.0	63.1	0.1	0.2
1942	W	61.3	61.4	0.1	0.2
1943	W	67.1	67.6	0.5	0.7
1944	D	66.3	66.9	0.6	0.9
1945	BN	63.7	63.9	0.2	0.3
1946	BN	65.4	65.5	0.1	0.2
1947	D	69.7	70.2	0.5	0.7
1948	BN	62.4	63.1	0.7	1.1
1949	D	66.0	66.5	0.5	0.8
1950	BN	66.1	66.0	-0.1	-0.2
1951	AN	66.0	66.4	0.4	0.6
1952	W	62.8	62.8	0.0	0.0
1953	W	62.3	62.5	0.2	0.3
1954	AN	66.0	66.2	0.2	0.3
1955	D	67.2	67.7	0.5	0.7
1956	W	63.3	63.3	0.0	0.0
1957	AN	65.4	65.6	0.2	0.3
1958	W	63.6	63.7	0.1	0.2
1959	BN	67.0	67.2	0.2	0.3
1960	D	66.3	66.6	0.3	0.5
1961	D	65.0	65.1	0.1	0.2
1962	BN	65.3	66.0	0.7	1.1
1963	W	63.2	63.4	0.2	0.3
1964	D	65.8	65.9	0.1	0.2
1965	W	64.7	64.7	0.0	0.0
1966	BN	67.7	68.2	0.5	0.7
1967	W	63.1	63.2	0.1	0.2
1968	BN	67.1	67.3	0.2	0.3
1969	W	64.1	64.1	0.0	0.0
1970	W	68.2	68.9	0.7	1.0
1971	W	62.7	63.0	0.3	0.5
1972	BN	68.0	68.3	0.3	0.4
1973	AN	68.3	68.4	0.1	0.1
1974	W	64.4	64.5	0.1	0.2
1975	W	65.0	65.2	0.2	0.3
1976	C	71.1	71.2	0.1	0.1
1977	C	63.6	63.6	0.0	0.0
1978	AN	66.3	66.8	0.5	0.8
1979	BN	66.9	67.0	0.1	0.1
1980	AN	65.0	65.4	0.4	0.6
1981	D	67.3	67.8	0.5	0.7
1982	W	64.2	64.4	0.2	0.3
1983	W	63.2	63.2	0.0	0.0
1984	W	68.9	69.4	0.5	0.7
1985	D	65.8	66.1	0.3	0.5
1986	W	66.4	66.6	0.2	0.3
1987	D	70.0	70.2	0.2	0.3
1988	C	66.6	67.0	0.4	0.6
1989	D	66.5	66.8	0.3	0.5
1990	C	67.2	67.2	0.0	0.0
1991	C	66.2	66.6	0.4	0.6
1992	C	71.2	71.7	0.5	0.7
1993	AN	64.3	64.4	0.1	0.2
	Mean:	65.9	66.1	0.2	0.3
	Median:	66.0	66.2	0.2	0.3
	Min:	61.3	61.4	-0.3	-0.5
	Max:	71.3	71.7	0.7	1.1

Sacramento River Water Temperatures at Freeport

June					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	66.4	66.7	0.3	0.5
1924	C	71.2	71.3	0.1	0.1
1925	D	69.8	69.9	0.1	0.1
1926	D	71.6	72.3	0.7	1.0
1927	W	68.6	68.8	0.2	0.3
1928	AN	70.2	70.4	0.2	0.3
1929	C	70.3	71.2	0.9	1.3
1930	D	71.5	71.2	-0.3	-0.4
1931	C	70.7	71.0	0.3	0.4
1932	D	70.2	70.2	0.0	0.0
1933	C	69.6	70.1	0.5	0.7
1934	C	70.9	71.0	0.1	0.1
1935	BN	72.0	72.4	0.4	0.6
1936	BN	70.0	70.3	0.3	0.4
1937	BN	69.8	70.1	0.3	0.4
1938	W	69.3	69.3	0.0	0.0
1939	D	71.1	71.2	0.1	0.1
1940	AN	73.2	73.4	0.2	0.3
1941	W	69.0	69.1	0.1	0.1
1942	W	68.6	68.7	0.1	0.1
1943	W	68.0	68.1	0.1	0.1
1944	D	68.1	68.2	0.1	0.1
1945	BN	70.5	70.7	0.2	0.3
1946	BN	68.7	68.8	0.1	0.1
1947	D	70.8	71.0	0.2	0.3
1948	BN	68.9	68.9	0.0	0.0
1949	D	70.9	71.1	0.2	0.3
1950	BN	68.7	68.7	0.0	0.0
1951	AN	70.2	70.8	0.6	0.9
1952	W	65.6	65.6	0.0	0.0
1953	W	66.7	66.8	0.1	0.1
1954	AN	69.9	70.0	0.1	0.1
1955	D	69.8	70.0	0.2	0.3
1956	W	69.5	69.9	0.4	0.6
1957	AN	72.1	72.4	0.3	0.4
1958	W	68.4	68.4	0.0	0.0
1959	BN	72.4	71.9	-0.5	-0.7
1960	D	74.2	74.3	0.1	0.1
1961	D	74.4	74.3	-0.1	-0.1
1962	BN	71.2	71.2	0.0	0.0
1963	W	69.7	69.7	0.0	0.0
1964	D	69.9	70.2	0.3	0.4
1965	W	67.6	67.8	0.2	0.3
1966	BN	70.9	70.8	-0.1	-0.1
1967	W	67.3	67.3	0.0	0.0
1968	BN	72.8	72.7	-0.1	-0.1
1969	W	68.1	68.2	0.1	0.1
1970	W	71.5	71.6	0.1	0.1
1971	W	68.6	68.7	0.1	0.1
1972	BN	70.1	70.0	-0.1	-0.1
1973	AN	72.0	72.1	0.1	0.1
1974	W	70.3	70.5	0.2	0.3
1975	W	69.2	69.3	0.1	0.1
1976	C	71.4	71.4	0.0	0.0
1977	C	72.0	71.6	-0.4	-0.6
1978	AN	69.2	69.6	0.4	0.6
1979	BN	69.7	69.8	0.1	0.1
1980	AN	67.4	67.6	0.2	0.3
1981	D	73.8	73.2	-0.6	-0.8
1982	W	67.3	67.5	0.2	0.3
1983	W	66.9	66.9	0.0	0.0
1984	W	70.4	70.9	0.5	0.7
1985	D	72.8	72.9	0.1	0.1
1986	W	70.3	70.7	0.4	0.6
1987	D	70.4	70.6	0.2	0.3
1988	C	71.3	71.1	-0.2	-0.3
1989	D	70.8	70.7	-0.1	-0.1
1990	C	71.6	72.0	0.4	0.6
1991	C	71.1	71.1	0.0	0.0
1992	C	71.0	71.0	0.0	0.0
1993	AN	69.3	69.5	0.2	0.3
	Mean:	70.1	70.2	0.1	0.2
	Median:	70.2	70.4	0.1	0.1
	Min:	65.6	65.6	-0.6	-0.8
	Max:	74.4	74.3	0.9	1.3

Sacramento River Water Temperatures at Freeport

July					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	70.9	70.8	-0.1	-0.1
1924	C	73.1	73.2	0.1	0.1
1925	D	72.7	72.8	0.1	0.1
1926	D	74.1	74.1	0.0	0.0
1927	W	71.9	71.7	-0.2	-0.3
1928	AN	70.8	70.7	-0.1	-0.1
1929	C	72.7	72.9	0.2	0.3
1930	D	71.4	72.1	0.7	1.0
1931	C	77.7	77.6	-0.1	-0.1
1932	D	72.4	72.4	0.0	0.0
1933	C	75.6	76.1	0.5	0.7
1934	C	74.1	74.3	0.2	0.3
1935	BN	71.8	71.9	0.1	0.1
1936	BN	73.9	73.9	0.0	0.0
1937	BN	73.7	73.5	-0.2	-0.3
1938	W	73.0	73.1	0.1	0.1
1939	D	73.0	73.0	0.0	0.0
1940	AN	71.0	71.0	0.0	0.0
1941	W	72.9	73.1	0.2	0.3
1942	W	72.9	72.8	-0.1	-0.1
1943	W	71.7	71.8	0.1	0.1
1944	D	71.7	71.7	0.0	0.0
1945	BN	73.3	73.3	0.0	0.0
1946	BN	71.9	71.8	-0.1	-0.1
1947	D	71.2	71.9	0.7	1.0
1948	BN	71.4	71.5	0.1	0.1
1949	D	71.5	71.5	0.0	0.0
1950	BN	73.1	73.1	0.0	0.0
1951	AN	70.5	70.7	0.2	0.3
1952	W	73.2	73.4	0.2	0.3
1953	W	73.3	73.5	0.2	0.3
1954	AN	72.3	72.5	0.2	0.3
1955	D	70.7	71.1	0.4	0.6
1956	W	72.9	73.2	0.3	0.4
1957	AN	72.0	72.1	0.1	0.1
1958	W	72.4	72.5	0.1	0.1
1959	BN	73.0	73.0	0.0	0.0
1960	D	73.9	74.7	0.8	1.1
1961	D	74.1	74.6	0.5	0.7
1962	BN	72.3	72.2	-0.1	-0.1
1963	W	71.2	71.1	-0.1	-0.1
1964	D	72.4	72.5	0.1	0.1
1965	W	71.2	71.5	0.3	0.4
1966	BN	69.8	70.2	0.4	0.6
1967	W	74.4	74.7	0.3	0.4
1968	BN	72.3	72.4	0.1	0.1
1969	W	73.4	73.5	0.1	0.1
1970	W	72.6	72.8	0.2	0.3
1971	W	73.0	72.6	-0.4	-0.5
1972	BN	71.8	72.0	0.2	0.3
1973	AN	72.5	72.7	0.2	0.3
1974	W	72.9	72.9	0.0	0.0
1975	W	72.4	72.4	0.0	0.0
1976	C	73.9	73.9	0.0	0.0
1977	C	72.6	72.8	0.2	0.3
1978	AN	72.3	72.3	0.0	0.0
1979	BN	72.4	73.0	0.6	0.8
1980	AN	72.8	72.6	-0.2	-0.3
1981	D	71.7	71.8	0.1	0.1
1982	W	71.5	71.5	0.0	0.0
1983	W	70.1	70.2	0.1	0.1
1984	W	73.5	73.6	0.1	0.1
1985	D	73.7	73.7	0.0	0.0
1986	W	71.7	71.7	0.0	0.0
1987	D	70.2	70.4	0.2	0.3
1988	C	76.8	77.1	0.3	0.4
1989	D	72.0	72.5	0.5	0.7
1990	C	75.0	74.7	-0.3	-0.4
1991	C	75.6	75.8	0.2	0.3
1992	C	72.4	72.9	0.5	0.7
1993	AN	71.3	71.4	0.1	0.1
	Mean:	72.6	72.7	0.1	0.2
	Median:	72.4	72.6	0.1	0.1
	Min:	69.8	70.2	-0.4	-0.5
	Max:	77.7	77.6	0.8	1.1

Sacramento River Water Temperatures at Freeport

August					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	71.2	71.1	-0.1	-0.1
1924	C	72.4	72.3	-0.1	-0.1
1925	D	70.3	70.8	0.5	0.7
1926	D	71.4	71.6	0.2	0.3
1927	W	70.3	70.3	0.0	0.0
1928	AN	71.5	71.5	0.0	0.0
1929	C	73.7	73.8	0.1	0.1
1930	D	71.3	71.5	0.2	0.3
1931	C	74.4	74.5	0.1	0.1
1932	D	72.5	72.8	0.3	0.4
1933	C	74.5	74.7	0.2	0.3
1934	C	75.0	74.8	-0.2	-0.3
1935	BN	73.2	73.6	0.4	0.5
1936	BN	73.6	73.2	-0.4	-0.5
1937	BN	73.2	73.5	0.3	0.4
1938	W	71.0	70.8	-0.2	-0.3
1939	D	72.8	72.7	-0.1	-0.1
1940	AN	71.6	71.6	0.0	0.0
1941	W	69.2	69.3	0.1	0.1
1942	W	71.4	71.4	0.0	0.0
1943	W	70.6	70.8	0.2	0.3
1944	D	71.7	72.1	0.4	0.6
1945	BN	71.7	71.6	-0.1	-0.1
1946	BN	71.6	71.8	0.2	0.3
1947	D	71.4	71.4	0.0	0.0
1948	BN	70.6	70.7	0.1	0.1
1949	D	70.5	70.7	0.2	0.3
1950	BN	73.0	72.6	-0.4	-0.5
1951	AN	71.2	71.3	0.1	0.1
1952	W	71.2	70.9	-0.3	-0.4
1953	W	70.3	70.3	0.0	0.0
1954	AN	68.9	69.4	0.5	0.7
1955	D	73.2	73.3	0.1	0.1
1956	W	71.3	70.9	-0.4	-0.6
1957	AN	70.6	71.0	0.4	0.6
1958	W	74.1	73.8	-0.3	-0.4
1959	BN	71.9	71.9	0.0	0.0
1960	D	73.4	73.7	0.3	0.4
1961	D	74.1	74.7	0.6	0.8
1962	BN	71.8	71.9	0.1	0.1
1963	W	72.2	72.6	0.4	0.6
1964	D	73.1	72.4	-0.7	-1.0
1965	W	72.7	72.6	-0.1	-0.1
1966	BN	73.8	73.8	0.0	0.0
1967	W	74.8	74.6	-0.2	-0.3
1968	BN	71.6	71.5	-0.1	-0.1
1969	W	73.5	73.4	-0.1	-0.1
1970	W	72.7	72.7	0.0	0.0
1971	W	74.0	74.2	0.2	0.3
1972	BN	73.7	73.6	-0.1	-0.1
1973	AN	72.3	72.5	0.2	0.3
1974	W	72.0	71.7	-0.3	-0.4
1975	W	71.4	71.6	0.2	0.3
1976	C	71.8	71.7	-0.1	-0.1
1977	C	73.8	73.9	0.1	0.1
1978	AN	72.1	72.5	0.4	0.6
1979	BN	71.8	71.5	-0.3	-0.4
1980	AN	71.0	70.7	-0.3	-0.4
1981	D	73.1	72.6	-0.5	-0.7
1982	W	70.8	70.5	-0.3	-0.4
1983	W	71.2	71.0	-0.2	-0.3
1984	W	73.5	73.2	-0.3	-0.4
1985	D	70.8	70.8	0.0	0.0
1986	W	72.2	72.2	0.0	0.0
1987	D	73.1	73.0	-0.1	-0.1
1988	C	74.1	74.4	0.3	0.4
1989	D	71.5	71.6	0.1	0.1
1990	C	74.0	74.9	0.9	1.2
1991	C	71.7	72.5	0.8	1.1
1992	C	75.1	75.5	0.4	0.5
1993	AN	71.6	71.9	0.3	0.4
	Mean:	72.2	72.3	0.1	0.1
	Median:	71.9	72.1	0.0	0.0
	Min:	68.9	69.3	-0.7	-1.0
	Max:	75.1	75.5	0.9	1.2

Sacramento River Water Temperatures at Freeport

September					
Water Year	Water Year Type	Proposed Action (Base Condition) Temperature (°F)	Future No Action Temperature (°F)	Absolute Difference	Relative Difference (%)[1]
1923	BN	70.0	69.6	-0.4	-0.6
1924	C	69.5	69.6	0.1	0.1
1925	D	65.7	65.7	0.0	0.0
1926	D	67.2	67.2	0.0	0.0
1927	W	66.7	66.6	-0.1	-0.1
1928	AN	68.7	68.7	0.0	0.0
1929	C	69.1	69.1	0.0	0.0
1930	D	66.1	66.1	0.0	0.0
1931	C	68.1	68.0	-0.1	-0.1
1932	D	72.7	72.7	0.0	0.0
1933	C	68.1	68.1	0.0	0.0
1934	C	71.1	71.2	0.1	0.1
1935	BN	69.5	69.3	-0.2	-0.3
1936	BN	70.9	70.9	0.0	0.0
1937	BN	69.4	69.4	0.0	0.0
1938	W	68.5	69.0	0.5	0.7
1939	D	70.6	70.7	0.1	0.1
1940	AN	68.1	67.9	-0.2	-0.3
1941	W	65.7	65.9	0.2	0.3
1942	W	66.2	66.5	0.3	0.5
1943	W	70.3	69.9	-0.4	-0.6
1944	D	71.8	71.7	-0.1	-0.1
1945	BN	70.6	70.8	0.2	0.3
1946	BN	69.6	69.0	-0.6	-0.9
1947	D	71.8	72.2	0.4	0.6
1948	BN	68.4	68.1	-0.3	-0.4
1949	D	69.8	69.8	0.0	0.0
1950	BN	69.9	69.7	-0.2	-0.3
1951	AN	70.3	70.2	-0.1	-0.1
1952	W	68.9	68.6	-0.3	-0.4
1953	W	69.0	68.8	-0.2	-0.3
1954	AN	67.9	67.8	-0.1	-0.1
1955	D	70.3	70.1	-0.2	-0.3
1956	W	67.4	67.6	0.2	0.3
1957	AN	69.0	69.3	0.3	0.4
1958	W	69.0	68.9	-0.1	-0.1
1959	BN	68.9	68.8	-0.1	-0.1
1960	D	70.5	70.7	0.2	0.3
1961	D	69.0	69.2	0.2	0.3
1962	BN	69.2	69.1	-0.1	-0.1
1963	W	70.7	70.8	0.1	0.1
1964	D	68.5	68.5	0.0	0.0
1965	W	66.7	66.5	-0.2	-0.3
1966	BN	69.8	69.9	0.1	0.1
1967	W	69.9	69.8	-0.1	-0.1
1968	BN	70.3	70.2	-0.1	-0.1
1969	W	69.2	69.9	0.7	1.0
1970	W	70.0	69.7	-0.3	-0.4
1971	W	67.8	67.9	0.1	0.1
1972	BN	67.9	67.9	0.0	0.0
1973	AN	68.7	68.8	0.1	0.1
1974	W	68.4	68.4	0.0	0.0
1975	W	69.3	69.1	-0.2	-0.3
1976	C	69.8	70.0	0.2	0.3
1977	C	69.1	69.1	0.0	0.0
1978	AN	68.1	68.4	0.3	0.4
1979	BN	72.1	71.8	-0.3	-0.4
1980	AN	68.8	68.2	-0.6	-0.9
1981	D	69.4	69.4	0.0	0.0
1982	W	67.1	67.1	0.0	0.0
1983	W	67.3	67.3	0.0	0.0
1984	W	71.9	72.3	0.4	0.6
1985	D	66.6	66.6	0.0	0.0
1986	W	66.0	65.8	-0.2	-0.3
1987	D	69.4	69.8	0.4	0.6
1988	C	71.0	71.2	0.2	0.3
1989	D	68.1	68.3	0.2	0.3
1990	C	71.4	71.6	0.2	0.3
1991	C	73.2	73.1	-0.1	-0.1
1992	C	70.8	71.0	0.2	0.3
1993	AN	69.4	69.4	0.0	0.0
	Mean:	69.2	69.2	0.0	0.0
	Median:	69.2	69.1	0.0	0.0
	Min:	65.7	65.7	-0.6	-0.9
	Max:	73.2	73.1	0.7	1.0

Folsom Reservoir Water Surface Elevation

Number of Months Water Surface Elevation below 412 feet (May through September)				
Water Year	Water Year Type	Proposed Action (Base Condition)	Future No Action	Absolute Difference
1922	AN	0	0	0
1923	BN	0	0	0
1924	C	5	5	0
1925	D	0	0	0
1926	D	3	3	0
1927	W	0	0	0
1928	AN	0	1	1
1929	C	3	5	2
1930	D	0	1	1
1931	C	5	5	0
1932	D	0	0	0
1933	C	3	5	2
1934	C	4	4	0
1935	BN	0	0	0
1936	BN	0	0	0
1937	BN	0	0	0
1938	W	0	0	0
1939	D	3	3	0
1940	AN	0	0	0
1941	W	0	0	0
1942	W	0	0	0
1943	W	0	0	0
1944	D	0	0	0
1945	BN	0	0	0
1946	BN	0	0	0
1947	D	3	3	0
1948	BN	0	0	0
1949	D	0	0	0
1950	BN	0	0	0
1951	AN	0	0	0
1952	W	0	0	0
1953	W	0	0	0
1954	AN	0	0	0
1955	D	1	2	1
1956	W	0	0	0
1957	AN	0	0	0
1958	W	0	0	0
1959	BN	3	3	0
1960	D	3	2	-1
1961	D	3	5	2
1962	BN	0	0	0
1963	W	0	0	0
1964	D	1	2	1
1965	W	0	0	0
1966	BN	3	1	-2
1967	W	0	0	0
1968	BN	3	3	0
1969	W	0	0	0
1970	W	0	1	1
1971	W	0	0	0
1972	BN	2	3	1
1973	AN	0	0	0
1974	W	0	0	0
1975	W	0	0	0
1976	C	0	3	3
1977	C	5	5	0
1978	AN	0	0	0
1979	BN	0	0	0
1980	AN	0	0	0
1981	D	3	3	0
1982	W	0	0	0
1983	W	0	0	0
1984	W	0	0	0
1985	D	3	2	-1
1986	W	0	0	0
1987	D	3	3	0
1988	C	5	4	-1
1989	D	0	2	2
1990	C	3	3	0
1991	C	1	3	2
1992	C	5	4	-1
1993	AN	0	0	0
	Mean:	1	1	0
	Median:	0	0	0
	Min:	0	0	-2
	Max:	5	5	3

Lower American River Flows Below Nimbus Dam

Number of Months Flows below 1750 cfs (May through September)				
Water Year	Water Year Type	Proposed Action (Base Condition)	Future No Action	Absolute Difference
1922	AN	1	0	-1
1923	BN	1	0	-1
1924	C	5	5	0
1925	D	1	1	0
1926	D	2	1	-1
1927	W	2	0	-2
1928	AN	1	1	0
1929	C	2	5	3
1930	D	1	1	0
1931	C	4	5	1
1932	D	0	1	1
1933	C	2	2	0
1934	C	4	4	0
1935	BN	0	1	1
1936	BN	0	0	0
1937	BN	1	0	-1
1938	W	0	0	0
1939	D	3	3	0
1940	AN	0	1	1
1941	W	0	0	0
1942	W	0	0	0
1943	W	0	0	0
1944	D	1	1	0
1945	BN	1	1	0
1946	BN	2	1	-1
1947	D	2	3	1
1948	BN	1	0	-1
1949	D	1	1	0
1950	BN	0	0	0
1951	AN	1	1	0
1952	W	0	0	0
1953	W	0	0	0
1954	AN	0	1	1
1955	D	1	1	0
1956	W	0	0	0
1957	AN	0	1	1
1958	W	0	0	0
1959	BN	2	3	1
1960	D	2	3	1
1961	D	3	4	1
1962	BN	1	1	0
1963	W	0	0	0
1964	D	1	0	-1
1965	W	1	0	-1
1966	BN	2	3	1
1967	W	0	0	0
1968	BN	2	3	1
1969	W	0	1	1
1970	W	0	0	0
1971	W	1	0	-1
1972	BN	2	1	-1
1973	AN	1	1	0
1974	W	0	0	0
1975	W	0	0	0
1976	C	4	5	1
1977	C	5	5	0
1978	AN	0	1	1
1979	BN	2	0	-2
1980	AN	0	0	0
1981	D	2	3	1
1982	W	0	0	0
1983	W	0	0	0
1984	W	1	1	0
1985	D	1	1	0
1986	W	0	1	1
1987	D	3	4	1
1988	C	4	5	1
1989	D	2	1	-1
1990	C	3	5	2
1991	C	2	2	0
1992	C	5	5	0
1993	AN	0	0	0
	Mean:	1	1	0
	Median:	1	1	0
	Min:	0	0	-2
	Max:	5	5	3

Lower American River Flows at Watt Ave

Number of Months Flows below 1750 cfs (May through September)				
Water Year	Water Year Type	Proposed Action (Base Condition)	Future No Action	Absolute Difference
1922	AN	1	0	-1
1923	BN	1	1	0
1924	C	5	5	0
1925	D	1	2	1
1926	D	2	1	-1
1927	W	2	1	-1
1928	AN	1	1	0
1929	C	2	5	3
1930	D	2	3	1
1931	C	4	5	1
1932	D	1	1	0
1933	C	3	3	0
1934	C	4	4	0
1935	BN	1	1	0
1936	BN	0	0	0
1937	BN	1	0	-1
1938	W	0	0	0
1939	D	3	3	0
1940	AN	1	1	0
1941	W	0	0	0
1942	W	1	0	-1
1943	W	1	1	0
1944	D	1	3	2
1945	BN	1	1	0
1946	BN	2	2	0
1947	D	2	3	1
1948	BN	1	0	-1
1949	D	2	2	0
1950	BN	1	0	-1
1951	AN	1	3	2
1952	W	0	0	0
1953	W	0	0	0
1954	AN	0	2	2
1955	D	1	3	2
1956	W	1	0	-1
1957	AN	0	1	1
1958	W	0	0	0
1959	BN	3	3	0
1960	D	2	3	1
1961	D	3	4	1
1962	BN	2	3	1
1963	W	0	1	1
1964	D	1	3	2
1965	W	1	1	0
1966	BN	2	3	1
1967	W	0	0	0
1968	BN	2	3	1
1969	W	1	1	0
1970	W	2	3	1
1971	W	1	1	0
1972	BN	2	3	1
1973	AN	2	2	0
1974	W	0	0	0
1975	W	0	0	0
1976	C	4	5	1
1977	C	5	5	0
1978	AN	0	1	1
1979	BN	2	0	-2
1980	AN	1	0	-1
1981	D	2	3	1
1982	W	0	0	0
1983	W	0	0	0
1984	W	2	1	-1
1985	D	1	1	0
1986	W	1	1	0
1987	D	3	5	2
1988	C	5	5	0
1989	D	2	2	0
1990	C	3	5	2
1991	C	2	3	1
1992	C	5	5	0
1993	AN	0	0	0
	Mean:	2	2	0
	Median:	1	1	0
	Min:	0	0	-2
	Max:	5	5	3

Lower American River Flows at H Street

Number of Months Flows below 1750 cfs (May through September)				
Water Year	Water Year Type	Proposed Action (Base Condition)	Future No Action	Absolute Difference
1922	AN	1	1	0
1923	BN	1	1	0
1924	C	5	5	0
1925	D	1	2	1
1926	D	2	3	1
1927	W	2	1	-1
1928	AN	1	1	0
1929	C	3	5	2
1930	D	3	3	0
1931	C	4	5	1
1932	D	1	1	0
1933	C	3	3	0
1934	C	4	4	0
1935	BN	1	1	0
1936	BN	0	0	0
1937	BN	1	1	0
1938	W	1	0	-1
1939	D	3	4	1
1940	AN	2	3	1
1941	W	0	1	1
1942	W	1	0	-1
1943	W	2	1	-1
1944	D	1	3	2
1945	BN	2	2	0
1946	BN	2	2	0
1947	D	2	5	3
1948	BN	1	1	0
1949	D	2	2	0
1950	BN	2	0	-2
1951	AN	1	3	2
1952	W	0	0	0
1953	W	0	1	1
1954	AN	1	2	1
1955	D	1	3	2
1956	W	1	0	-1
1957	AN	0	2	2
1958	W	0	0	0
1959	BN	3	3	0
1960	D	2	4	2
1961	D	4	4	0
1962	BN	3	4	1
1963	W	0	1	1
1964	D	2	3	1
1965	W	2	1	-1
1966	BN	2	4	2
1967	W	1	0	-1
1968	BN	3	3	0
1969	W	1	1	0
1970	W	2	3	1
1971	W	1	1	0
1972	BN	2	3	1
1973	AN	2	2	0
1974	W	0	0	0
1975	W	0	0	0
1976	C	4	5	1
1977	C	5	5	0
1978	AN	0	1	1
1979	BN	2	2	0
1980	AN	1	0	-1
1981	D	3	3	0
1982	W	1	0	-1
1983	W	0	0	0
1984	W	2	1	-1
1985	D	1	3	2
1986	W	2	1	-1
1987	D	3	5	2
1988	C	5	5	0
1989	D	2	2	0
1990	C	3	5	2
1991	C	2	4	2
1992	C	5	5	0
1993	AN	0	1	1
	Mean:	2	2	0
	Median:	2	2	0
	Min:	0	0	-2
	Max:	5	5	3

Lower American River Flows at the Mouth

Number of Months Flows below 1750 cfs (May through September)				
Water Year	Water Year Type	Proposed Action (Base Condition)	Future No Action	Absolute Difference
1922	AN	1	1	0
1923	BN	1	1	0
1924	C	5	5	0
1925	D	1	2	1
1926	D	2	3	1
1927	W	2	1	-1
1928	AN	1	1	0
1929	C	3	5	2
1930	D	3	3	0
1931	C	4	5	1
1932	D	1	1	0
1933	C	3	3	0
1934	C	4	4	0
1935	BN	1	1	0
1936	BN	0	0	0
1937	BN	1	1	0
1938	W	1	0	-1
1939	D	3	4	1
1940	AN	2	3	1
1941	W	0	1	1
1942	W	1	0	-1
1943	W	2	1	-1
1944	D	1	3	2
1945	BN	2	2	0
1946	BN	2	2	0
1947	D	2	5	3
1948	BN	1	1	0
1949	D	2	2	0
1950	BN	2	0	-2
1951	AN	1	3	2
1952	W	0	0	0
1953	W	0	1	1
1954	AN	1	2	1
1955	D	1	3	2
1956	W	1	0	-1
1957	AN	0	2	2
1958	W	0	0	0
1959	BN	3	3	0
1960	D	2	4	2
1961	D	4	4	0
1962	BN	3	4	1
1963	W	0	1	1
1964	D	2	3	1
1965	W	2	1	-1
1966	BN	2	4	2
1967	W	1	0	-1
1968	BN	3	3	0
1969	W	1	1	0
1970	W	2	3	1
1971	W	1	1	0
1972	BN	2	3	1
1973	AN	2	2	0
1974	W	0	0	0
1975	W	0	0	0
1976	C	4	5	1
1977	C	5	5	0
1978	AN	0	1	1
1979	BN	2	2	0
1980	AN	1	0	-1
1981	D	3	3	0
1982	W	1	0	-1
1983	W	0	0	0
1984	W	2	1	-1
1985	D	1	3	2
1986	W	2	1	-1
1987	D	3	5	2
1988	C	5	5	0
1989	D	2	2	0
1990	C	3	5	2
1991	C	2	4	2
1992	C	5	5	0
1993	AN	0	1	1
	Mean:	2	2	0
	Median:	2	2	0
	Min:	0	0	-2
	Max:	5	5	3

Lower American River Flows at H Street

Number of Years in Optimal Range (2700 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	13	0	-13.0
Nov	10	8	-2.0
Dec	1	1	0.0
Jan	5	4	-1.0
Feb	8	10	2.0
Mar	10	11	1.0
Apr	13	12	-1.0
May	24	13	-11.0
Jun	23	17	-6.0
Jul	14	13	-1.0
Aug	8	10	2.0
Sep	0	15	15.0

[1]Based on 72 years modeled.

Lower American River Flows at H Street

Number of Years in Min/Optimal Range (1300 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	61	37	-24.0
Nov	43	46	3.0
Dec	45	38	-7.0
Jan	36	39	3.0
Feb	29	28	-1.0
Mar	31	36	5.0
Apr	40	42	2.0
May	44	37	-7.0
Jun	43	42	-1.0
Jul	31	33	2.0
Aug	44	35	-9.0
Sep	40	44	4.0

[1]Based on 72 years modeled.

Lower American River Flows at H Street

Percentage of Years in Min/Optimal Range (1300 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	84.7	51.4	-33.3
Nov	59.7	63.9	4.2
Dec	62.5	52.8	-9.7
Jan	50.0	54.2	4.2
Feb	40.3	38.9	-1.4
Mar	43.1	50.0	6.9
Apr	55.6	58.3	2.8
May	61.1	51.4	-9.7
Jun	59.7	58.3	-1.4
Jul	43.1	45.8	2.8
Aug	61.1	48.6	-12.5
Sep	55.6	61.1	5.6

[1]Based on 72 years modeled.

Lower American River Flows Below Nimbus Dam

Number of Years in Optimal Range (2700 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	16	0	-16.0
Nov	10	8	-2.0
Dec	2	2	0.0
Jan	6	5	-1.0
Feb	7	11	4.0
Mar	11	9	-2.0
Apr	14	13	-1.0
May	20	13	-7.0
Jun	21	24	3.0
Jul	19	22	3.0
Aug	12	11	-1.0
Sep	0	17	17.0

[1]Based on 72 years modeled.

Lower American River Flows Below Nimbus Dam

Number of Years in Min/Optimal Range (1300 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	60	57	-3.0
Nov	42	48	6.0
Dec	46	40	-6.0
Jan	39	40	1.0
Feb	30	33	3.0
Mar	33	35	2.0
Apr	40	42	2.0
May	41	37	-4.0
Jun	41	43	2.0
Jul	28	31	3.0
Aug	49	49	0.0
Sep	49	54	5.0

[1]Based on 72 years modeled.

Lower American River Flows Below Nimbus Dam

Percentage of Years in Min/Optimal Range (1300 - 4000 cfs)			
Month	**Proposed Action (Base Condition)**	**Future No Action**	**Difference[1]**
Oct	83.3	79.2	-4.2
Nov	58.3	66.7	8.3
Dec	63.9	55.6	-8.3
Jan	54.2	55.6	1.4
Feb	41.7	45.8	4.2
Mar	45.8	48.6	2.8
Apr	55.6	58.3	2.8
May	56.9	51.4	-5.6
Jun	56.9	59.7	2.8
Jul	38.9	43.1	4.2
Aug	68.1	68.1	0.0
Sep	68.1	75.0	6.9

[1]Based on 72 years modeled.

American River Early-Life Stage Fall Run Chinook Survival

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Survival (%)	Future No Action Survival (%)	Absolute Difference	Relative Difference (%)[1]
1922	AN	93.7	93.8	0.2	0.2
1923	BN	84.6	89.0	4.4	5.2
1924	C	85.0	85.4	0.4	0.5
1925	D	87.6	89.5	2.0	2.3
1926	D	82.1	82.9	0.8	1.0
1927	W	88.0	92.9	4.9	5.6
1928	AN	87.0	87.7	0.7	0.8
1929	C	80.4	76.8	-3.6	-4.5
1930	D	86.5	85.8	-0.7	-0.8
1931	C	83.2	83.3	0.0	0.0
1932	D	83.1	86.1	3.0	3.6
1933	C	78.2	78.0	-0.1	-0.1
1934	C	80.1	82.6	2.5	3.1
1935	BN	89.2	90.4	1.3	1.5
1936	BN	84.7	85.8	1.1	1.3
1937	BN	88.4	88.3	-0.2	-0.2
1938	W	86.6	90.3	3.8	4.4
1939	D	76.5	80.3	3.8	5.0
1940	AN	86.8	89.9	3.1	3.6
1941	W	92.3	92.5	0.2	0.2
1942	W	89.1	92.5	3.4	3.8
1943	W	87.8	89.8	2.0	2.3
1944	D	86.0	89.6	3.6	4.2
1945	BN	87.8	90.0	2.2	2.5
1946	BN	91.3	93.0	1.7	1.9
1947	D	89.6	89.7	0.1	0.1
1948	BN	91.6	92.6	0.9	1.0
1949	D	90.2	90.0	-0.2	-0.2
1950	BN	86.4	91.6	5.2	6.0
1951	AN	88.1	90.4	2.2	2.5
1952	W	85.4	90.2	4.8	5.6
1953	W	87.7	89.5	1.8	2.1
1954	AN	89.6	91.8	2.3	2.6
1955	D	85.1	86.5	1.4	1.6
1956	W	82.2	86.4	4.2	5.1
1957	AN	86.4	87.4	1.0	1.2
1958	W	78.8	86.0	7.2	9.1
1959	BN	74.4	76.8	2.3	3.1
1960	D	82.5	83.8	1.3	1.6
1961	D	81.6	83.2	1.6	2.0
1962	BN	85.9	86.9	1.0	1.2
1963	W	91.1	91.9	0.8	0.9
1964	D	87.2	88.0	0.8	0.9
1965	W	84.1	88.8	4.7	5.6
1966	BN	80.3	84.3	4.0	5.0
1967	W	78.3	83.2	4.9	6.3
1968	BN	84.6	86.8	2.2	2.6
1969	W	86.7	86.8	0.1	0.1
1970	W	85.2	88.3	3.2	3.8
1971	W	88.8	91.0	2.3	2.6
1972	BN	87.1	88.7	1.6	1.8
1973	AN	91.3	91.5	0.2	0.2
1974	W	85.3	90.2	4.9	5.7
1975	W	90.2	93.8	3.7	4.1
1976	C	73.8	76.1	2.3	3.1
1977	C	80.5	80.9	0.4	0.5
1978	AN	87.3	88.4	1.1	1.3
1979	BN	85.3	86.9	1.6	1.9
1980	AN	82.9	89.8	6.8	8.2
1981	D	81.7	83.8	2.1	2.6
1982	W	88.3	92.2	3.9	4.4
1983	W	82.6	89.5	6.9	8.4
1984	W	84.6	88.8	4.2	5.0
1985	D	88.4	90.0	1.6	1.8
1986	W	85.4	88.6	3.1	3.6
1987	D	78.6	79.3	0.8	1.0
1988	C	78.7	78.9	0.2	0.3
1989	D	82.4	84.6	2.2	2.7
1990	C	74.1	75.0	1.0	1.4
1991	C	78.2	74.9	-3.2	-4.1
1992	C	78.4	77.5	-0.9	-1.1
1993	AN	90.0	90.3	0.3	0.3
	Mean:	84.9	86.9	2.0	2.4
	Median:	85.4	88.4	1.8	2.1
	Min:	73.8	74.9	-3.6	-4.5
	Max:	93.7	93.8	7.2	9.1

Sacramento River Early-Life Stage Fall Run Chinook Survival

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Survival (%)	Future No Action Survival (%)	Absolute Difference	Relative Difference (%)[1]
1922	AN	94.3	94.1	-0.2	-0.2
1923	BN	88.2	86.1	-2.1	-2.4
1924	C	70.7	70.7	0.0	0.0
1925	D	75.8	74.6	-1.2	-1.6
1926	D	67.1	67.2	0.1	0.1
1927	W	94.3	94.1	-0.2	-0.2
1928	AN	92.4	92.3	-0.2	-0.2
1929	C	77.9	69.9	-8.1	-10.4
1930	D	88.8	85.3	-3.5	-3.9
1931	C	65.2	65.4	0.1	0.2
1932	D	60.2	60.4	0.2	0.3
1933	C	57.7	59.1	1.4	2.4
1934	C	64.3	64.7	0.3	0.5
1935	BN	67.5	67.2	-0.3	-0.4
1936	BN	66.0	65.5	-0.6	-0.9
1937	BN	91.7	91.8	0.1	0.1
1938	W	94.4	93.7	-0.7	-0.7
1939	D	78.1	75.3	-2.8	-3.6
1940	AN	92.4	91.5	-0.9	-1.0
1941	W	97.3	97.2	-0.1	-0.1
1942	W	96.5	96.6	0.1	0.1
1943	W	93.8	93.7	-0.1	-0.1
1944	D	89.6	88.8	-0.7	-0.8
1945	BN	91.4	90.1	-1.3	-1.4
1946	BN	96.1	96.2	0.1	0.1
1947	D	82.2	81.8	-0.4	-0.5
1948	BN	95.0	94.8	-0.2	-0.2
1949	D	94.8	95.0	0.2	0.2
1950	BN	92.3	92.1	-0.1	-0.1
1951	AN	92.7	92.9	0.2	0.2
1952	W	95.5	95.4	-0.1	-0.1
1953	W	96.3	96.3	0.0	0.0
1954	AN	94.1	94.2	0.1	0.1
1955	D	89.8	89.3	-0.6	-0.7
1956	W	96.4	96.1	-0.3	-0.3
1957	AN	91.7	91.5	-0.2	-0.2
1958	W	89.0	88.6	-0.5	-0.6
1959	BN	66.8	66.1	-0.6	-0.9
1960	D	87.2	88.3	1.1	1.3
1961	D	83.7	83.0	-0.7	-0.8
1962	BN	86.2	85.3	-0.9	-1.0
1963	W	91.2	90.8	-0.4	-0.4
1964	D	86.7	85.7	-1.0	-1.2
1965	W	91.5	92.0	0.5	0.5
1966	BN	90.2	90.4	0.2	0.2
1967	W	89.8	89.6	-0.2	-0.2
1968	BN	88.4	88.6	0.2	0.2
1969	W	95.9	95.4	-0.5	-0.5
1970	W	90.0	90.2	0.2	0.2
1971	W	95.8	95.2	-0.6	-0.6
1972	BN	91.8	91.9	0.1	0.1
1973	AN	92.3	92.1	-0.3	-0.3
1974	W	94.3	94.1	-0.2	-0.2
1975	W	93.2	93.1	-0.1	-0.1
1976	C	79.5	76.9	-2.6	-3.3
1977	C	63.8	64.7	0.9	1.4
1978	AN	90.1	88.8	-1.3	-1.4
1979	BN	91.3	91.0	-0.3	-0.3
1980	AN	93.2	93.4	0.2	0.2
1981	D	91.4	90.7	-0.7	-0.8
1982	W	95.7	95.3	-0.4	-0.4
1983	W	94.2	94.2	-0.1	-0.1
1984	W	92.1	92.3	0.2	0.2
1985	D	94.1	93.9	-0.1	-0.1
1986	W	93.7	93.5	-0.2	-0.2
1987	D	87.2	85.0	-2.2	-2.5
1988	C	64.9	64.5	-0.4	-0.6
1989	D	89.8	87.5	-2.3	-2.6
1990	C	69.8	66.2	-3.6	-5.2
1991	C	65.1	61.6	-3.5	-5.4
1992	C	62.9	63.2	0.3	0.5
1993	AN	95.0	94.7	-0.4	-0.4
	Mean:	86.0	85.4	-0.6	-0.7
	Median:	91.3	90.5	-0.2	-0.2
	Min:	57.7	59.1	-8.1	-10.4
	Max:	97.3	97.2	1.4	2.4

Sacramento River Early-Life Stage Late Fall Run Chinook Survival

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Survival (%)	Future No Action Survival (%)	Absolute Difference	Relative Difference (%)[1]
1922	AN	99.0	98.9	0.0	0.0
1923	BN	98.5	98.4	-0.2	-0.2
1924	C	98.1	98.1	0.0	0.0
1925	D	98.0	98.0	0.0	0.0
1926	D	97.0	96.9	-0.2	-0.2
1927	W	99.6	99.6	0.0	0.0
1928	AN	99.0	99.0	0.0	0.0
1929	C	95.5	94.6	-0.8	-0.8
1930	D	98.4	98.0	-0.5	-0.5
1931	C	97.4	97.6	0.2	0.2
1932	D	95.2	95.3	0.1	0.1
1933	C	95.5	96.2	0.7	0.7
1934	C	94.0	89.1	-4.9	-5.2
1935	BN	96.8	96.8	0.0	0.0
1936	BN	94.3	94.3	0.0	0.0
1937	BN	98.7	98.6	0.0	0.0
1938	W	98.3	98.2	-0.1	-0.1
1939	D	96.7	96.3	-0.3	-0.3
1940	AN	98.5	98.4	-0.1	-0.1
1941	W	99.6	99.4	-0.1	-0.1
1942	W	99.8	99.7	0.0	0.0
1943	W	99.3	99.3	0.0	0.0
1944	D	99.5	99.5	0.0	0.0
1945	BN	99.4	99.3	-0.1	-0.1
1946	BN	99.4	99.3	0.0	0.0
1947	D	98.0	97.9	0.0	0.0
1948	BN	99.6	99.6	0.0	0.0
1949	D	98.4	98.4	0.0	0.0
1950	BN	98.5	98.5	0.0	0.0
1951	AN	99.2	99.1	0.0	0.0
1952	W	99.3	99.3	0.0	0.0
1953	W	99.8	99.8	0.0	0.0
1954	AN	99.4	99.5	0.1	0.1
1955	D	99.1	99.1	0.0	0.0
1956	W	99.4	99.4	0.0	0.0
1957	AN	99.3	99.2	0.0	0.0
1958	W	95.7	95.7	-0.1	-0.1
1959	BN	95.5	95.3	-0.2	-0.2
1960	D	99.2	99.3	0.1	0.1
1961	D	98.6	98.7	0.1	0.1
1962	BN	97.7	97.7	0.0	0.0
1963	W	99.0	99.0	0.0	0.0
1964	D	99.6	99.4	-0.2	-0.2
1965	W	99.4	99.4	0.0	0.0
1966	BN	98.6	98.5	-0.1	-0.1
1967	W	97.9	97.8	-0.1	-0.1
1968	BN	99.0	99.1	0.1	0.1
1969	W	99.5	99.3	-0.1	-0.1
1970	W	99.0	99.0	0.0	0.0
1971	W	99.7	99.7	0.0	0.0
1972	BN	99.5	99.5	0.0	0.0
1973	AN	98.1	98.1	-0.1	-0.1
1974	W	98.9	98.9	0.0	0.0
1975	W	99.1	99.0	0.0	0.0
1976	C	95.9	95.6	-0.3	-0.3
1977	C	98.8	98.9	0.1	0.1
1978	AN	99.3	99.3	0.0	0.0
1979	BN	99.0	98.9	-0.1	-0.1
1980	AN	99.6	99.5	0.0	0.0
1981	D	99.1	99.1	0.0	0.0
1982	W	98.8	98.7	-0.1	-0.1
1983	W	99.7	99.6	0.0	0.0
1984	W	99.2	99.3	0.0	0.0
1985	D	99.2	99.1	0.0	0.0
1986	W	99.5	99.4	-0.1	-0.1
1987	D	98.9	99.0	0.0	0.0
1988	C	98.3	98.4	0.0	0.0
1989	D	98.9	98.8	0.0	0.0
1990	C	98.0	97.8	-0.2	-0.2
1991	C	97.7	97.4	-0.3	-0.3
1992	C	97.5	97.5	0.0	0.0
1993	AN	99.6	99.5	-0.1	-0.1
	Mean:	98.4	98.3	-0.1	-0.1
	Median:	99.0	98.9	0.0	0.0
	Min:	94.0	89.1	-4.9	-5.2
	Max:	99.8	99.8	0.7	0.7

Sacramento River Early-Life Stage Winter Run Chinook Survival

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Survival (%)	Future No Action Survival (%)	Absolute Difference	Relative Difference (%)[1]
1922	AN	97.9	97.9	0.0	0.0
1923	BN	95.8	95.4	-0.4	-0.4
1924	C	6.4	1.1	-5.2	-81.4
1925	D	98.6	98.6	0.0	0.0
1926	D	97.0	96.6	-0.4	-0.4
1927	W	99.2	99.2	0.0	0.0
1928	AN	97.0	97.2	0.1	0.1
1929	C	98.7	99.1	0.5	0.5
1930	D	97.4	97.9	0.5	0.5
1931	C	15.9	6.0	-9.9	-62.4
1932	D	65.4	51.1	-14.3	-21.9
1933	C	70.3	28.6	-41.7	-59.3
1934	C	3.7	0.0	-3.6	-97.7
1935	BN	95.3	91.8	-3.5	-3.7
1936	BN	93.1	93.1	0.0	0.0
1937	BN	99.0	98.9	0.0	0.0
1938	W	98.9	98.9	0.0	0.0
1939	D	97.6	97.8	0.1	0.1
1940	AN	97.6	97.7	0.0	0.0
1941	W	99.2	99.2	0.0	0.0
1942	W	99.3	99.3	0.0	0.0
1943	W	97.9	97.9	0.0	0.0
1944	D	98.0	97.9	-0.1	-0.1
1945	BN	98.3	98.2	-0.1	-0.1
1946	BN	98.6	98.5	0.0	0.0
1947	D	93.9	94.2	0.3	0.3
1948	BN	99.4	99.4	0.0	0.0
1949	D	97.3	97.3	0.0	0.0
1950	BN	96.9	96.9	0.0	0.0
1951	AN	98.2	98.2	0.0	0.0
1952	W	99.0	99.0	0.0	0.0
1953	W	98.3	98.3	0.0	0.0
1954	AN	99.4	99.5	0.1	0.1
1955	D	98.4	98.2	-0.1	-0.1
1956	W	98.8	98.9	0.1	0.1
1957	AN	98.8	98.8	0.0	0.0
1958	W	99.1	99.1	0.0	0.0
1959	BN	97.3	97.0	-0.2	-0.2
1960	D	96.7	96.9	0.1	0.1
1961	D	98.3	98.6	0.3	0.3
1962	BN	97.0	96.9	0.0	0.0
1963	W	98.9	98.8	0.0	0.0
1964	D	99.2	98.9	-0.3	-0.3
1965	W	98.2	98.4	0.2	0.2
1966	BN	97.4	96.3	-1.1	-1.1
1967	W	99.4	99.4	0.0	0.0
1968	BN	97.9	98.2	0.3	0.3
1969	W	99.1	99.0	-0.2	-0.2
1970	W	98.3	98.3	0.0	0.0
1971	W	98.8	98.8	0.0	0.0
1972	BN	97.5	97.5	0.1	0.1
1973	AN	96.7	95.9	-0.7	-0.7
1974	W	98.5	98.5	0.0	0.0
1975	W	99.1	99.1	0.0	0.0
1976	C	97.7	97.8	0.1	0.1
1977	C	12.7	7.4	-5.3	-41.8
1978	AN	96.9	96.8	-0.1	-0.1
1979	BN	98.2	98.1	-0.1	-0.1
1980	AN	99.1	98.8	-0.3	-0.3
1981	D	97.9	97.9	0.0	0.0
1982	W	99.1	99.1	0.0	0.0
1983	W	99.8	99.7	0.0	0.0
1984	W	97.6	97.6	0.0	0.0
1985	D	98.3	98.3	0.0	0.0
1986	W	99.2	99.0	-0.2	-0.2
1987	D	99.0	99.1	0.1	0.1
1988	C	98.1	97.9	-0.1	-0.1
1989	D	97.6	97.7	0.1	0.1
1990	C	98.8	96.9	-1.9	-1.9
1991	C	98.6	92.7	-5.8	-5.9
1992	C	57.4	36.0	-21.4	-37.3
1993	AN	98.8	98.7	-0.1	-0.1
	Mean:	91.8	90.2	-1.6	-5.8
	Median:	98.2	98.2	0.0	0.0
	Min:	3.7	0.0	-41.7	-97.7
	Max:	99.8	99.7	0.5	0.5

Sacramento River Early-Life Stage Spring Run Chinook Survival

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Survival (%)	Future No Action Survival (%)	Absolute Difference	Relative Difference (%)[1]
1922	AN	93.6	93.8	0.2	0.2
1923	BN	95.2	94.5	-0.7	-0.7
1924	C	3.4	3.4	0.0	0.0
1925	D	63.1	54.6	-8.5	-13.5
1926	D	7.1	7.6	0.5	7.0
1927	W	94.7	95.1	0.4	0.4
1928	AN	93.8	93.9	0.1	0.1
1929	C	89.8	80.4	-9.4	-10.5
1930	D	92.6	92.0	-0.6	-0.6
1931	C	1.3	1.3	0.0	0.0
1932	D	0.1	0.1	0.0	0.0
1933	C	0.0	0.1	0.0	0.0
1934	C	1.1	1.2	0.1	9.3
1935	BN	3.7	2.4	-1.2	-32.9
1936	BN	59.8	56.7	-3.2	-5.3
1937	BN	90.6	90.7	0.0	0.0
1938	W	92.9	92.9	0.0	0.0
1939	D	89.2	85.5	-3.8	-4.3
1940	AN	93.7	93.8	0.0	0.0
1941	W	95.7	95.6	-0.1	-0.1
1942	W	94.2	94.1	0.0	0.0
1943	W	95.6	95.8	0.2	0.2
1944	D	94.5	94.2	-0.4	-0.4
1945	BN	94.9	95.2	0.3	0.3
1946	BN	97.1	97.0	-0.1	-0.1
1947	D	89.9	88.7	-1.1	-1.2
1948	BN	93.5	93.7	0.1	0.1
1949	D	96.6	96.6	0.0	0.0
1950	BN	91.8	91.8	0.0	0.0
1951	AN	94.3	94.4	0.1	0.1
1952	W	93.8	93.6	-0.2	-0.2
1953	W	94.6	94.5	-0.1	-0.1
1954	AN	95.7	94.7	-1.0	-1.0
1955	D	92.1	92.0	-0.1	-0.1
1956	W	92.8	92.5	-0.2	-0.2
1957	AN	92.2	91.7	-0.5	-0.5
1958	W	92.9	92.7	-0.2	-0.2
1959	BN	42.9	39.9	-2.9	-6.8
1960	D	91.6	90.7	-0.9	-1.0
1961	D	90.5	89.3	-1.2	-1.3
1962	BN	91.4	90.8	-0.5	-0.5
1963	W	89.6	89.4	-0.2	-0.2
1964	D	91.2	92.4	1.2	1.3
1965	W	92.4	92.6	0.2	0.2
1966	BN	92.9	92.9	0.0	0.0
1967	W	92.8	92.6	-0.2	-0.2
1968	BN	90.7	90.7	0.0	0.0
1969	W	91.6	91.6	0.1	0.1
1970	W	90.4	91.0	0.5	0.6
1971	W	90.8	90.2	-0.6	-0.7
1972	BN	93.1	93.6	0.5	0.5
1973	AN	90.6	91.0	0.4	0.4
1974	W	90.6	90.4	-0.3	-0.3
1975	W	93.4	93.1	-0.3	-0.3
1976	C	83.2	78.2	-4.9	-5.9
1977	C	1.0	1.3	0.4	41.8
1978	AN	91.2	90.9	-0.3	-0.3
1979	BN	93.9	93.9	0.0	0.0
1980	AN	95.1	95.5	0.4	0.4
1981	D	93.0	93.5	0.4	0.4
1982	W	93.1	93.2	0.1	0.1
1983	W	97.1	96.9	-0.2	-0.2
1984	W	92.3	92.7	0.4	0.4
1985	D	96.6	96.4	-0.1	-0.1
1986	W	95.0	95.1	0.1	0.1
1987	D	94.1	92.5	-1.6	-1.7
1988	C	1.1	0.9	-0.2	-18.2
1989	D	92.5	91.6	-0.8	-0.9
1990	C	26.4	3.3	-23.1	-87.5
1991	C	9.3	0.3	-8.9	-96.2
1992	C	0.7	0.8	0.1	14.0
1993	AN	93.9	93.4	-0.4	-0.4
	Mean:	76.6	75.6	-1.0	-3.0
	Median:	92.3	92.2	-0.1	-0.1
	Min:	0.0	0.1	-23.1	-96.2
	Max:	97.1	97.0	1.2	41.8

Allocation to SWP Contractors

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Allocation (TAF)	Future No Action Allocation (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	3303.4	4026.7	723.3	21.9
1923	BN	3613.2	3729.8	116.6	3.2
1924	C	647.7	650.0	2.3	0.4
1925	D	1674.7	1603.5	-71.2	-4.3
1926	D	2909.6	2717.6	-192.0	-6.6
1927	W	3386.2	3973.0	586.8	17.3
1928	AN	3125.7	3211.3	85.6	2.7
1929	C	1032.7	1055.9	23.2	2.2
1930	D	2778.0	2610.4	-167.6	-6.0
1931	C	980.6	1076.0	95.4	9.7
1932	D	1355.2	1366.5	11.2	0.8
1933	C	1380.8	1226.8	-154.0	-11.2
1934	C	1515.3	1196.8	-318.5	-21.0
1935	BN	3589.5	3621.1	31.6	0.9
1936	BN	3667.8	3405.9	-261.9	-7.1
1937	BN	3105.4	3190.4	85.0	2.7
1938	W	3278.3	3979.6	701.3	21.4
1939	D	3438.3	3363.4	-74.9	-2.2
1940	AN	3610.7	4041.3	430.6	11.9
1941	W	2862.5	3327.1	464.6	16.2
1942	W	3432.5	3727.1	294.6	8.6
1943	W	3327.2	3638.5	311.3	9.4
1944	D	3456.1	3330.2	-125.9	-3.6
1945	BN	3508.3	3840.6	332.2	9.5
1946	BN	3576.3	3859.1	282.8	7.9
1947	D	2563.4	2513.7	-49.7	-1.9
1948	BN	2895.6	2868.6	-27.0	-0.9
1949	D	1968.3	1863.9	-104.4	-5.3
1950	BN	3298.9	3262.3	-36.6	-1.1
1951	AN	3671.9	3980.3	308.5	8.4
1952	W	2932.4	3363.6	431.3	14.7
1953	W	3639.2	3908.9	269.7	7.4
1954	AN	3729.5	4026.5	297.0	8.0
1955	D	1628.0	1315.4	-312.5	-19.2
1956	W	3494.5	3988.4	493.9	14.1
1957	AN	3185.8	3464.7	278.9	8.8
1958	W	3330.0	3787.9	457.9	13.8
1959	BN	3345.1	3712.3	367.2	11.0
1960	D	2367.6	1853.7	-513.9	-21.7
1961	D	2492.3	2611.9	119.6	4.8
1962	BN	3157.1	3355.3	198.1	6.3
1963	W	3478.9	3971.2	492.3	14.2
1964	D	3156.6	2898.3	-258.2	-8.2
1965	W	3037.8	3187.8	150.0	4.9
1966	BN	3618.6	3939.3	320.6	8.9
1967	W	3281.6	3869.8	588.2	17.9
1968	BN	3378.0	3705.7	327.7	9.7
1969	W	3005.5	3430.9	425.4	14.2
1970	W	3562.7	3849.6	286.9	8.1
1971	W	3682.3	3906.6	224.3	6.1
1972	BN	2870.9	2438.8	-432.1	-15.1
1973	AN	3507.3	3925.7	418.3	11.9
1974	W	3498.5	3935.8	437.4	12.5
1975	W	3565.5	3950.4	384.9	10.8
1976	C	3117.1	3195.9	78.8	2.5
1977	C	173.8	198.1	24.3	14.0
1978	AN	3021.8	3790.7	768.8	25.4
1979	BN	3420.2	3538.5	118.3	3.5
1980	AN	3098.9	3544.4	445.5	14.4
1981	D	3426.1	3627.8	201.7	5.9
1982	W	3299.5	3854.8	555.3	16.8
1983	W	2855.1	3187.6	332.4	11.6
1984	W	3547.4	2687.7	-859.7	-24.2
1985	D	3623.2	3499.1	-124.0	-3.4
1986	W	2929.0	2706.5	-222.5	-7.6
1987	D	2711.3	3179.7	468.5	17.3
1988	C	564.8	590.4	25.6	4.5
1989	D	3403.9	3289.9	-114.0	-3.3
1990	C	963.4	1041.0	77.6	8.1
1991	C	884.8	1005.5	120.6	13.6
1992	C	1446.3	1468.0	21.7	1.5
1993	AN	3455.0	4026.5	571.5	16.5
	Mean:	2858.9	3015.1	156.2	4.8
	Median:	3232.1	3363.5	135.3	6.9
	Min:	173.8	198.1	-859.7	-24.2
	Max:	3729.5	4041.3	768.8	25.4

Allocation to CVP M&I Contractors (North of Delta)

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Allocation (TAF)	Future No Action Allocation (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	14.7	21.3	6.6	44.9
1923	BN	13.7	19.4	5.7	41.7
1924	C	8.0	74.5	66.6	835.9
1925	D	26.6	73.9	47.2	177.2
1926	D	57.3	85.1	27.8	48.5
1927	W	20.2	34.4	14.2	70.4
1928	AN	54.3	93.5	39.2	72.2
1929	C	56.5	104.8	48.3	85.5
1930	D	50.8	91.0	40.1	78.9
1931	C	55.9	105.7	49.8	89.1
1932	D	18.4	44.9	26.5	143.8
1933	C	55.4	103.8	48.4	87.4
1934	C	57.6	106.7	49.0	85.0
1935	BN	18.2	33.1	14.9	82.1
1936	BN	18.5	34.3	15.8	85.5
1937	BN	33.1	57.8	24.7	74.6
1938	W	20.3	34.4	14.2	70.1
1939	D	51.0	90.4	39.5	77.5
1940	AN	20.3	34.5	14.3	70.5
1941	W	12.6	18.9	6.4	50.9
1942	W	13.6	20.2	6.6	48.4
1943	W	21.0	36.6	15.6	74.3
1944	D	33.0	61.2	28.3	85.8
1945	BN	20.7	36.3	15.6	75.5
1946	BN	23.6	50.8	27.1	114.7
1947	D	45.6	70.7	25.1	55.0
1948	BN	15.3	25.1	9.8	64.0
1949	D	37.7	61.3	23.6	62.5
1950	BN	19.0	33.3	14.3	75.1
1951	AN	14.7	22.4	7.7	52.4
1952	W	14.8	21.5	6.7	45.3
1953	W	13.9	21.8	7.8	56.0
1954	AN	28.0	48.1	20.0	71.3
1955	D	45.0	80.5	35.5	78.9
1956	W	14.6	21.3	6.6	45.1
1957	AN	18.4	20.4	2.1	11.4
1958	W	12.9	19.5	6.5	50.4
1959	BN	54.2	94.2	40.1	74.0
1960	D	50.8	91.1	40.3	79.4
1961	D	52.9	93.6	40.7	77.0
1962	BN	20.3	49.3	29.0	143.0
1963	W	13.4	21.6	8.2	61.1
1964	D	41.8	71.8	30.0	71.8
1965	W	23.9	41.7	17.8	74.6
1966	BN	51.2	70.1	18.9	36.9
1967	W	14.5	22.5	7.9	54.3
1968	BN	52.7	112.1	59.3	112.5
1969	W	15.5	21.4	5.9	38.0
1970	W	36.6	60.2	23.6	64.4
1971	W	14.6	21.4	6.8	46.6
1972	BN	51.4	91.7	40.3	78.5
1973	AN	29.0	56.7	27.7	95.5
1974	W	13.2	19.7	6.5	49.3
1975	W	14.3	20.9	6.5	45.4
1976	C	57.6	107.8	50.3	87.4
1977	C	8.6	76.1	67.6	790.3
1978	AN	21.5	32.6	11.1	51.7
1979	BN	28.7	75.9	47.2	164.6
1980	AN	21.0	36.7	15.7	74.6
1981	D	39.6	68.1	28.5	71.9
1982	W	13.5	19.4	5.8	42.8
1983	W	13.0	19.5	6.5	49.9
1984	W	29.7	72.0	42.3	142.5
1985	D	49.5	88.3	38.7	78.1
1986	W	29.6	51.2	21.7	73.4
1987	D	59.4	91.0	31.7	53.4
1988	C	40.4	56.7	16.3	40.3
1989	D	43.7	79.7	36.0	82.4
1990	C	46.3	86.2	39.8	85.9
1991	C	40.7	88.1	47.4	116.6
1992	C	42.3	72.0	29.7	70.1
1993	AN	11.9	18.2	6.4	54.0
	Mean:	30.6	55.7	25.1	94.0
	Median:	25.3	54.0	23.6	72.8
	Min:	8.0	18.2	2.1	11.4
	Max:	59.4	112.1	67.6	835.9

Allocation to CVP Ag Contractors (North of Delta)

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Allocation (TAF)	Future No Action Allocation (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	350.6	366.3	15.7	4.5
1923	BN	275.9	247.5	-28.4	-10.3
1924	C	0.0	0.0	0.0	0.0
1925	D	156.9	156.3	-0.6	-0.4
1926	D	68.1	19.0	-49.2	-72.2
1927	W	338.1	361.2	23.2	6.9
1928	AN	259.0	241.4	-17.5	-6.8
1929	C	24.6	0.0	-24.6	-99.9
1930	D	116.3	110.7	-5.6	-4.8
1931	C	12.6	18.1	5.6	44.6
1932	D	49.6	42.9	-6.6	-13.3
1933	C	0.0	0.0	0.0	0.0
1934	C	50.5	37.6	-12.9	-25.5
1935	BN	138.5	122.0	-16.6	-12.0
1936	BN	186.3	175.8	-10.4	-5.6
1937	BN	134.9	133.9	-0.9	-0.7
1938	W	326.9	349.6	22.7	6.9
1939	D	196.8	195.0	-1.8	-0.9
1940	AN	324.6	348.1	23.5	7.2
1941	W	299.3	321.6	22.3	7.5
1942	W	313.2	336.7	23.4	7.5
1943	W	337.0	361.3	24.2	7.2
1944	D	168.9	157.6	-11.3	-6.7
1945	BN	297.0	297.9	0.9	0.3
1946	BN	357.4	326.3	-31.1	-8.7
1947	D	171.6	132.4	-39.1	-22.8
1948	BN	269.1	285.3	16.3	6.1
1949	D	264.2	263.3	-1.0	-0.4
1950	BN	117.0	117.6	0.6	0.5
1951	AN	340.4	362.3	21.9	6.4
1952	W	337.7	361.8	24.1	7.1
1953	W	331.1	354.6	23.5	7.1
1954	AN	325.1	349.0	24.0	7.4
1955	D	178.1	152.5	-25.6	-14.4
1956	W	336.4	360.0	23.6	7.0
1957	AN	322.7	345.1	22.3	6.9
1958	W	303.8	326.3	22.4	7.4
1959	BN	354.9	366.8	11.9	3.4
1960	D	123.5	107.7	-15.8	-12.8
1961	D	247.6	247.2	-0.4	-0.2
1962	BN	341.7	362.5	20.8	6.1
1963	W	307.9	330.9	23.0	7.5
1964	D	179.8	197.8	18.0	10.0
1965	W	311.6	345.3	33.8	10.8
1966	BN	359.0	367.1	8.1	2.3
1967	W	304.9	328.0	23.1	7.6
1968	BN	334.9	349.4	14.5	4.3
1969	W	346.5	365.3	18.7	5.4
1970	W	294.5	276.9	-17.6	-6.0
1971	W	352.1	366.1	14.0	4.0
1972	BN	280.7	288.9	8.2	2.9
1973	AN	342.4	363.8	21.4	6.3
1974	W	322.8	345.9	23.1	7.2
1975	W	336.7	360.0	23.3	6.9
1976	C	59.4	65.3	5.9	9.9
1977	C	13.3	17.6	4.4	33.2
1978	AN	324.3	348.2	23.9	7.4
1979	BN	296.0	254.6	-41.4	-14.0
1980	AN	335.8	356.0	20.2	6.0
1981	D	324.9	348.3	23.3	7.2
1982	W	301.1	323.1	21.9	7.3
1983	W	305.4	328.0	22.5	7.4
1984	W	352.6	366.2	13.6	3.9
1985	D	287.7	301.5	13.8	4.8
1986	W	254.7	246.4	-8.3	-3.3
1987	D	156.4	121.2	-35.2	-22.5
1988	C	40.8	17.8	-23.0	-56.4
1989	D	153.1	164.0	10.9	7.1
1990	C	0.0	0.0	0.0	0.0
1991	C	46.5	49.6	3.1	6.7
1992	C	163.7	100.2	-63.4	-38.7
1993	AN	312.7	334.1	21.5	6.9
	Mean:	235.4	239.6	4.2	-1.6
	Median:	295.2	293.4	9.6	4.4
	Min:	0.0	0.0	-63.4	-99.9
	Max:	359.0	367.1	33.8	44.6

Allocation to CVP M&I Contractors (South of Delta)

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Allocation (TAF)	Future No Action Allocation (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	143.0	144.1	1.2	0.8
1923	BN	142.1	133.9	-8.3	-5.8
1924	C	72.1	72.1	0.0	0.0
1925	D	108.1	108.1	0.0	0.0
1926	D	99.3	79.5	-19.8	-19.9
1927	W	142.3	142.3	0.0	0.0
1928	AN	136.1	128.4	-7.7	-5.7
1929	C	81.9	72.1	-9.8	-12.0
1930	D	108.1	108.1	0.0	0.0
1931	C	77.1	79.2	2.1	2.7
1932	D	91.9	88.9	-2.9	-3.2
1933	C	72.1	72.1	0.0	0.0
1934	C	92.2	87.0	-5.2	-5.6
1935	BN	103.5	101.4	-2.1	-2.0
1936	BN	111.0	108.1	-2.9	-2.6
1937	BN	107.3	106.3	-1.0	-0.9
1938	W	144.1	144.1	0.0	0.0
1939	D	115.3	112.9	-2.4	-2.1
1940	AN	114.4	120.4	6.0	5.2
1941	W	142.4	142.9	0.5	0.4
1942	W	144.1	144.1	0.0	0.0
1943	W	144.1	144.1	0.0	0.0
1944	D	108.1	108.1	0.0	0.0
1945	BN	137.1	141.4	4.3	3.1
1946	BN	131.6	131.0	-0.6	-0.5
1947	D	108.1	107.3	-0.8	-0.7
1948	BN	129.2	132.5	3.3	2.6
1949	D	130.8	135.5	4.7	3.6
1950	BN	108.1	108.1	0.1	0.1
1951	AN	138.0	138.1	0.1	0.1
1952	W	144.1	144.1	0.0	0.0
1953	W	142.1	141.5	-0.6	-0.4
1954	AN	131.9	142.2	10.3	7.8
1955	D	108.1	108.1	0.0	0.0
1956	W	143.7	142.9	-0.8	-0.6
1957	AN	142.3	143.2	0.9	0.6
1958	W	144.1	144.1	0.0	0.0
1959	BN	138.3	139.1	0.8	0.6
1960	D	107.1	106.3	-0.8	-0.7
1961	D	122.5	130.5	8.0	6.5
1962	BN	130.2	135.5	5.4	4.1
1963	W	141.6	142.8	1.2	0.8
1964	D	108.1	113.7	5.5	5.1
1965	W	138.9	140.1	1.1	0.8
1966	BN	139.3	140.5	1.2	0.9
1967	W	144.1	144.1	0.0	0.0
1968	BN	142.1	142.1	0.0	0.0
1969	W	144.1	144.1	0.0	0.0
1970	W	138.6	136.6	-2.0	-1.4
1971	W	137.7	139.7	2.0	1.5
1972	BN	138.1	135.7	-2.3	-1.7
1973	AN	142.2	143.4	1.1	0.8
1974	W	141.5	143.8	2.4	1.7
1975	W	141.2	141.3	0.1	0.1
1976	C	95.9	97.7	1.8	1.9
1977	C	77.4	79.0	1.6	2.1
1978	AN	144.1	144.1	0.0	0.0
1979	BN	142.0	131.1	-10.9	-7.7
1980	AN	144.1	144.1	0.0	0.0
1981	D	142.2	141.2	-0.9	-0.6
1982	W	144.1	144.1	0.0	0.0
1983	W	144.1	144.1	0.0	0.0
1984	W	142.2	142.2	0.0	0.0
1985	D	123.0	141.4	18.4	15.0
1986	W	138.7	130.6	-8.1	-5.8
1987	D	107.0	106.0	-0.9	-0.8
1988	C	88.4	79.1	-9.3	-10.5
1989	D	104.4	104.4	0.0	0.0
1990	C	72.1	72.1	0.0	0.0
1991	C	90.6	91.5	0.9	1.0
1992	C	106.9	106.5	-0.4	-0.4
1993	AN	129.8	141.9	12.1	9.3
	Mean:	123.2	123.2	0.0	-0.2
	Median:	134.0	135.5	0.0	0.0
	Min:	72.1	72.1	-19.8	-19.9
	Max:	144.1	144.1	18.4	15.0

Allocation to CVP Ag Contractors (South of Delta)

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) Allocation (TAF)	Future No Action Allocation (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1524.4	1561.4	37.1	2.4
1923	BN	1431.3	1249.8	-181.5	-12.7
1924	C	0.0	0.0	0.0	0.0
1925	D	822.6	780.3	-42.4	-5.2
1926	D	347.9	95.2	-252.8	-72.7
1927	W	1448.4	1448.4	0.0	0.0
1928	AN	1297.3	1194.3	-103.0	-7.9
1929	C	125.5	0.0	-125.5	-100.0
1930	D	586.9	551.3	-35.6	-6.1
1931	C	64.4	91.3	26.8	41.6
1932	D	252.7	215.1	-37.6	-14.9
1933	C	0.0	0.0	0.0	0.0
1934	C	257.6	190.8	-66.8	-25.9
1935	BN	676.2	570.4	-105.7	-15.6
1936	BN	957.1	881.1	-76.0	-7.9
1937	BN	678.8	649.2	-29.7	-4.4
1938	W	1834.8	1834.8	0.0	0.0
1939	D	1009.2	976.0	-33.2	-3.3
1940	AN	990.1	1085.5	95.4	9.6
1941	W	1579.8	1581.4	1.7	0.1
1942	W	1602.1	1602.1	0.0	0.0
1943	W	1564.7	1563.6	-1.1	-0.1
1944	D	865.7	789.6	-76.1	-8.8
1945	BN	1294.3	1389.8	95.6	7.4
1946	BN	1240.1	1231.7	-8.5	-0.7
1947	D	876.1	652.4	-223.7	-25.5
1948	BN	1180.5	1231.4	50.9	4.3
1949	D	1205.4	1271.3	65.9	5.5
1950	BN	589.9	584.5	-5.3	-0.9
1951	AN	1306.8	1307.6	0.8	0.1
1952	W	1822.3	1831.2	8.8	0.5
1953	W	1446.8	1362.1	-84.8	-5.9
1954	AN	1237.1	1392.4	155.3	12.6
1955	D	908.2	764.3	-143.8	-15.8
1956	W	1376.0	1372.8	-3.2	-0.2
1957	AN	1416.6	1398.4	-18.2	-1.3
1958	W	1797.7	1799.8	2.1	0.1
1959	BN	1310.1	1314.9	4.8	0.4
1960	D	615.3	524.5	-90.8	-14.8
1961	D	1107.3	1211.6	104.3	9.4
1962	BN	1211.6	1279.7	68.1	5.6
1963	W	1391.7	1400.5	8.9	0.6
1964	D	914.4	991.1	76.7	8.4
1965	W	1446.9	1448.4	1.5	0.1
1966	BN	1323.8	1335.5	11.7	0.9
1967	W	1824.2	1840.7	16.4	0.9
1968	BN	1440.3	1440.4	0.2	0.0
1969	W	1839.9	1840.7	0.8	0.0
1970	W	1316.9	1278.2	-38.8	-2.9
1971	W	1311.3	1337.3	26.0	2.0
1972	BN	1314.7	1273.0	-41.7	-3.2
1973	AN	1432.0	1438.4	6.4	0.4
1974	W	1464.5	1472.0	7.6	0.5
1975	W	1440.8	1425.6	-15.1	-1.0
1976	C	304.1	327.1	23.0	7.6
1977	C	67.7	88.4	20.7	30.6
1978	AN	1817.3	1808.6	-8.7	-0.5
1979	BN	1445.4	1226.3	-219.1	-15.2
1980	AN	1606.7	1719.6	112.9	7.0
1981	D	1428.0	1351.2	-76.8	-5.4
1982	W	1798.9	1817.2	18.3	1.0
1983	W	1840.6	1840.6	0.0	0.0
1984	W	1436.5	1429.3	-7.2	-0.5
1985	D	1130.0	1359.2	229.2	20.3
1986	W	1320.9	1222.1	-98.8	-7.5
1987	D	773.2	587.0	-186.2	-24.1
1988	C	207.9	89.1	-118.8	-57.1
1989	D	766.1	794.4	28.3	3.7
1990	C	0.0	0.0	0.0	0.0
1991	C	237.1	248.5	11.4	4.8
1992	C	807.9	489.8	-318.0	-39.4
1993	AN	1210.0	1392.2	182.2	15.1
	Mean:	1090.5	1071.5	-19.1	-4.2
	Median:	1267.2	1272.1	0.0	0.0
	Min:	0.0	0.0	-318.0	-100.0
	Max:	1840.6	1840.7	229.2	41.6

CVP System Generation at Load Center

Water Year					
Water Year	Water Year Type	Proposed Action (Base Condition) CVP Gen at LC (GWH)	Future No Action CVP Gen at LC (GWH)	Absolute Difference	Relative Difference (%)[1]
1922	AN	4306.0	4300.4	-5.7	-0.1
1923	BN	4218.0	4113.6	-104.4	-2.5
1924	C	2639.9	2688.6	48.7	1.8
1925	D	3512.8	3405.1	-107.7	-3.1
1926	D	3042.1	2936.4	-105.7	-3.5
1927	W	4888.0	4811.4	-76.6	-1.6
1928	AN	4545.7	4517.6	-28.1	-0.6
1929	C	3048.7	3080.8	32.1	1.1
1930	D	3140.8	3105.9	-35.0	-1.1
1931	C	2449.8	2544.7	95.0	3.9
1932	D	2672.7	2422.7	-250.0	-9.4
1933	C	2366.3	2298.8	-67.5	-2.9
1934	C	2614.5	2600.3	-14.2	-0.5
1935	BN	3010.4	2752.4	-258.0	-8.6
1936	BN	3575.1	3546.4	-28.6	-0.8
1937	BN	3542.7	3497.7	-45.0	-1.3
1938	W	5926.0	5862.9	-63.1	-1.1
1939	D	4173.0	4182.6	9.6	0.2
1940	AN	5373.6	5293.2	-80.4	-1.5
1941	W	7115.2	7028.9	-86.3	-1.2
1942	W	6081.8	6047.4	-34.4	-0.6
1943	W	5339.9	5336.3	-3.6	-0.1
1944	D	3839.5	3786.4	-53.1	-1.4
1945	BN	4591.7	4531.4	-60.3	-1.3
1946	BN	4386.4	4419.2	32.8	0.7
1947	D	3711.7	3521.6	-190.2	-5.1
1948	BN	3676.3	3644.9	-31.3	-0.9
1949	D	3937.3	3908.2	-29.1	-0.7
1950	BN	4163.2	4070.1	-93.1	-2.2
1951	AN	5212.2	5171.6	-40.6	-0.8
1952	W	6521.9	6473.7	-48.2	-0.7
1953	W	5519.4	5458.9	-60.5	-1.1
1954	AN	5648.5	5645.2	-3.3	-0.1
1955	D	4421.2	4390.7	-30.5	-0.7
1956	W	5623.6	5583.4	-40.3	-0.7
1957	AN	5010.7	4967.3	-43.4	-0.9
1958	W	7036.8	7030.7	-6.1	-0.1
1959	BN	5188.6	5146.7	-41.9	-0.8
1960	D	3627.0	3623.9	-3.0	-0.1
1961	D	3788.6	3779.9	-8.7	-0.2
1962	BN	4142.1	4021.8	-120.4	-2.9
1963	W	4900.8	4828.4	-72.4	-1.5
1964	D	4422.1	4354.4	-67.7	-1.5
1965	W	5072.0	5076.4	4.4	0.1
1966	BN	4805.9	4743.6	-62.3	-1.3
1967	W	6102.5	6033.2	-69.2	-1.1
1968	BN	4788.0	4870.0	81.9	1.7
1969	W	6603.6	6459.4	-144.2	-2.2
1970	W	5983.9	5890.9	-93.0	-1.6
1971	W	5261.4	5198.7	-62.7	-1.2
1972	BN	4988.3	4993.3	5.0	0.1
1973	AN	6144.8	6081.9	-62.9	-1.0
1974	W	6240.6	6185.5	-55.0	-0.9
1975	W	5641.7	5577.2	-64.5	-1.1
1976	C	3700.6	3757.3	56.6	1.5
1977	C	3018.1	3070.2	52.1	1.7
1978	AN	4572.4	4442.0	-130.3	-2.8
1979	BN	3924.6	3847.5	-77.1	-2.0
1980	AN	5164.7	5049.2	-115.5	-2.2
1981	D	4611.6	4476.7	-134.9	-2.9
1982	W	6733.3	6726.8	-6.5	-0.1
1983	W	9672.0	9629.2	-42.8	-0.4
1984	W	5197.0	5158.6	-38.5	-0.7
1985	D	4104.3	4180.9	76.6	1.9
1986	W	5316.6	5249.3	-67.2	-1.3
1987	D	4053.7	3974.0	-79.7	-2.0
1988	C	3357.2	3265.5	-91.6	-2.7
1989	D	3385.3	3368.9	-16.4	-0.5
1990	C	2875.7	2855.5	-20.2	-0.7
1991	C	2256.9	2208.7	-48.2	-2.1
1992	C	2941.3	2807.4	-133.9	-4.6
1993	AN	3774.3	3733.3	-41.0	-1.1
	Mean:	4545.1	4495.0	-50.0	-1.2
	Median:	4421.6	4405.0	-46.6	-1.1
	Min:	2256.9	2208.7	-258.0	-9.4
	Max:	9672.0	9629.2	95.0	3.9

CVP System Project Use at Load Center

Water Year	Water Year Type	Proposed Action (Base Condition) CVP PU at LC (GWH)	Future No Action CVP PU at LC (GWH)	Absolute Difference	Relative Difference (%)[1]
1922	AN	1586.9	1602.4	15.5	1.0
1923	BN	1417.9	1280.3	-137.5	-9.7
1924	C	701.7	735.8	34.0	4.8
1925	D	1062.5	1134.8	72.3	6.8
1926	D	1050.0	1004.8	-45.3	-4.3
1927	W	1337.3	1220.3	-117.0	-8.7
1928	AN	1397.3	1448.5	51.2	3.7
1929	C	743.3	763.7	20.4	2.7
1930	D	983.9	950.7	-33.2	-3.4
1931	C	634.2	698.0	63.8	10.1
1932	D	995.9	888.6	-107.3	-10.8
1933	C	519.2	474.1	-45.2	-8.7
1934	C	592.6	671.0	78.5	13.2
1935	BN	1150.8	913.9	-236.9	-20.6
1936	BN	1120.5	1158.1	37.6	3.4
1937	BN	1114.5	1104.3	-10.2	-0.9
1938	W	1429.5	1474.0	44.6	3.1
1939	D	897.6	950.7	53.2	5.9
1940	AN	1386.0	1440.6	54.6	3.9
1941	W	1683.7	1678.8	-4.9	-0.3
1942	W	1327.3	1452.0	124.6	9.4
1943	W	1640.4	1578.1	-62.2	-3.8
1944	D	1224.6	1279.6	55.0	4.5
1945	BN	1466.4	1408.7	-57.8	-3.9
1946	BN	1287.5	1396.5	109.0	8.5
1947	D	1163.9	1105.9	-57.9	-5.0
1948	BN	1374.8	1387.4	12.6	0.9
1949	D	1339.4	1411.9	72.5	5.4
1950	BN	1274.5	1280.0	5.5	0.4
1951	AN	1198.4	1223.5	25.2	2.1
1952	W	1778.5	1834.3	55.7	3.1
1953	W	1324.3	1326.4	2.1	0.2
1954	AN	1437.8	1501.8	64.1	4.5
1955	D	1151.8	1241.8	90.0	7.8
1956	W	1497.7	1408.5	-89.3	-6.0
1957	AN	1523.3	1488.5	-34.8	-2.3
1958	W	1632.3	1681.0	48.6	3.0
1959	BN	1272.0	1288.6	16.6	1.3
1960	D	1158.3	1160.2	1.9	0.2
1961	D	1238.4	1322.9	84.6	6.8
1962	BN	1408.8	1487.4	78.6	5.6
1963	W	1433.6	1486.8	53.1	3.7
1964	D	1175.9	1229.7	53.8	4.6
1965	W	1589.1	1627.3	38.2	2.4
1966	BN	1387.1	1415.7	28.6	2.1
1967	W	1769.6	1773.5	3.8	0.2
1968	BN	1324.9	1370.1	45.1	3.4
1969	W	1724.8	1766.3	41.5	2.4
1970	W	1214.1	1248.0	33.9	2.8
1971	W	1479.4	1498.0	18.6	1.3
1972	BN	1444.3	1467.9	23.6	1.6
1973	AN	1575.4	1548.8	-26.6	-1.7
1974	W	1476.2	1553.7	77.6	5.3
1975	W	1590.6	1586.7	-4.0	-0.3
1976	C	852.5	833.9	-18.5	-2.2
1977	C	592.8	656.2	63.4	10.7
1978	AN	1688.9	1627.4	-61.5	-3.6
1979	BN	1386.4	1413.8	27.4	2.0
1980	AN	1555.7	1523.0	-32.7	-2.1
1981	D	1419.9	1490.5	70.7	5.0
1982	W	1755.2	1771.3	16.0	0.9
1983	W	1513.8	1482.9	-30.8	-2.0
1984	W	1313.5	1400.8	87.3	6.6
1985	D	1236.1	1388.9	152.9	12.4
1986	W	1622.9	1592.6	-30.3	-1.9
1987	D	896.2	810.5	-85.7	-9.6
1988	C	773.6	771.3	-2.3	-0.3
1989	D	1072.8	1106.3	33.5	3.1
1990	C	648.7	708.0	59.3	9.1
1991	C	658.0	651.8	-6.2	-0.9
1992	C	985.3	921.7	-63.6	-6.5
1993	AN	1447.8	1535.5	87.8	6.1
	Mean:	1265.7	1279.4	13.7	1.2
	Median:	1326.1	1388.2	24.4	2.1
	Min:	519.2	474.1	-236.9	-20.6
	Max:	1778.5	1834.3	152.9	13.2

Folsom Project Use at Load Center

Water Year	Water Year Type	Proposed Action (Base Condition) Folsom PU at LC (GWH)	Future No Action Folsom PU at LC (GWH)	Absolute Difference	Relative Difference (%)[1]
1922	AN	6.5	12.0	5.5	85.2
1923	BN	6.6	12.6	6.0	91.4
1924	C	10.5	19.9	9.4	89.6
1925	D	7.2	16.1	8.9	123.9
1926	D	10.1	18.2	8.1	80.6
1927	W	5.9	12.0	6.1	103.5
1928	AN	8.6	17.8	9.2	107.1
1929	C	10.3	23.0	12.7	123.1
1930	D	8.1	16.5	8.4	104.1
1931	C	10.6	22.0	11.5	108.9
1932	D	6.2	13.4	7.2	115.9
1933	C	11.4	22.8	11.3	98.8
1934	C	10.1	20.9	10.8	107.4
1935	BN	6.0	13.1	7.1	117.9
1936	BN	5.9	13.1	7.2	121.9
1937	BN	7.1	15.5	8.4	117.7
1938	W	5.6	11.7	6.1	109.8
1939	D	9.9	19.8	9.9	100.3
1940	AN	6.4	13.3	6.9	107.8
1941	W	6.0	12.0	6.0	99.9
1942	W	5.8	11.8	6.0	104.2
1943	W	6.2	12.8	6.6	106.6
1944	D	8.6	16.0	7.4	85.8
1945	BN	6.6	13.2	6.6	100.7
1946	BN	6.9	14.8	7.8	112.3
1947	D	10.2	19.9	9.7	95.5
1948	BN	6.4	13.2	6.8	106.8
1949	D	8.2	16.3	8.1	98.2
1950	BN	5.9	13.0	7.0	118.1
1951	AN	7.4	14.2	6.8	91.3
1952	W	5.4	11.6	6.2	114.3
1953	W	6.0	12.1	6.1	102.1
1954	AN	8.9	14.7	5.9	66.6
1955	D	9.8	18.8	9.0	91.8
1956	W	5.8	12.2	6.4	110.8
1957	AN	7.4	14.0	6.5	87.8
1958	W	5.3	11.7	6.5	123.7
1959	BN	10.6	20.0	9.4	88.7
1960	D	10.2	18.7	8.5	82.9
1961	D	12.3	25.7	13.3	107.9
1962	BN	7.2	12.6	5.4	75.1
1963	W	6.7	12.6	5.8	86.0
1964	D	9.5	18.2	8.7	91.5
1965	W	6.4	13.3	6.8	105.8
1966	BN	10.7	16.4	5.7	53.5
1967	W	5.3	11.4	6.1	115.8
1968	BN	10.6	19.9	9.3	87.8
1969	W	6.6	12.3	5.7	86.2
1970	W	9.6	17.2	7.5	77.9
1971	W	6.0	12.2	6.2	103.4
1972	BN	9.5	18.7	9.1	95.5
1973	AN	7.2	14.6	7.5	104.2
1974	W	5.5	12.1	6.6	119.8
1975	W	5.5	11.7	6.1	110.5
1976	C	8.7	17.7	9.0	103.1
1977	C	12.1	22.1	10.0	82.9
1978	AN	7.1	13.6	6.5	91.0
1979	BN	7.8	16.0	8.2	105.0
1980	AN	5.7	12.9	7.3	129.1
1981	D	9.7	17.6	7.9	81.7
1982	W	5.8	11.9	6.1	104.4
1983	W	5.4	12.1	6.7	125.1
1984	W	7.2	13.7	6.5	90.2
1985	D	11.2	17.5	6.3	56.1
1986	W	6.5	14.1	7.6	117.3
1987	D	9.4	18.6	9.2	97.4
1988	C	10.3	19.1	8.8	85.4
1989	D	8.4	17.4	9.0	107.2
1990	C	9.1	21.0	11.8	129.4
1991	C	9.3	21.3	12.0	129.2
1992	C	11.0	19.6	8.6	78.2
1993	AN	6.1	12.1	6.0	98.7
	Mean:	7.9	15.7	7.8	100.5
	Median:	7.2	14.7	7.3	103.3
	Min:	5.3	11.4	5.4	53.5
	Max:	12.3	25.7	13.3	129.4

Model Output Index		
River Section/Data Type	Output Title/Definition	Sheet
Label1	D300 - Delivery Year, Mar - Feb Data	1
Label1	D8 - Delivery Year, Mar - Feb Data	2
Label1	D302 - Delivery Year, Mar - Feb Data	3
Label1	D167 - Delivery Year, Mar - Feb Data	4

D300 Annual Diversion

Delivery Year, Mar - Feb					
Year	Water Year Type	Proposed Action (Baseline Condition) Annual Diversion (TAF)	Future No Action Annual Diversion (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	34.9	62.0	27.1	77.8
1923	BN	35.0	60.9	25.9	74.1
1924	C	35.5	59.8	24.3	68.5
1925	D	35.5	61.5	26.0	73.3
1926	D	35.2	61.5	26.3	74.7
1927	W	35.1	61.8	26.7	76.1
1928	AN	35.1	60.9	25.8	73.5
1929	C	35.5	63.0	27.5	77.5
1930	D	35.5	62.4	26.9	75.9
1931	C	35.4	61.5	26.1	73.7
1932	D	35.5	61.9	26.5	74.7
1933	C	35.5	61.6	26.1	73.6
1934	C	35.5	62.5	27.1	76.4
1935	BN	35.3	62.2	26.9	76.3
1936	BN	35.5	61.5	26.0	73.3
1937	BN	35.5	61.2	25.8	72.8
1938	W	34.8	61.7	26.9	77.3
1939	D	35.3	61.3	26.0	73.6
1940	AN	35.0	61.3	26.2	74.8
1941	W	34.9	62.1	27.2	77.9
1942	W	35.0	61.9	26.9	76.8
1943	W	34.8	61.3	26.6	76.5
1944	D	35.3	61.3	26.0	73.7
1945	BN	35.2	60.2	25.0	71.0
1946	BN	34.8	60.5	25.7	73.9
1947	D	35.3	60.5	25.1	71.0
1948	BN	35.1	62.2	27.1	77.3
1949	D	35.2	60.8	25.6	72.7
1950	BN	35.5	60.0	24.6	69.4
1951	AN	34.7	61.3	26.6	76.7
1952	W	34.8	61.1	26.3	75.5
1953	W	34.8	61.1	26.2	75.2
1954	AN	35.1	61.2	26.1	74.4
1955	D	35.5	60.9	25.5	71.9
1956	W	35.1	61.2	26.1	74.3
1957	AN	34.5	61.5	27.0	78.3
1958	W	34.9	62.0	27.1	77.6
1959	BN	35.4	60.1	24.7	69.7
1960	D	35.4	61.3	25.9	73.1
1961	D	35.3	62.5	27.2	77.2
1962	BN	34.9	59.6	24.7	70.8
1963	W	34.8	61.7	26.9	77.3
1964	D	35.2	61.0	25.7	73.0
1965	W	34.8	60.9	26.1	74.9
1966	BN	35.0	60.4	25.3	72.2
1967	W	35.1	61.8	26.7	76.0
1968	BN	35.3	62.0	26.7	75.6
1969	W	34.9	61.5	26.6	76.2
1970	W	34.8	60.8	26.0	74.7
1971	W	34.8	60.9	26.1	75.0
1972	BN	34.7	60.3	25.7	74.2
1973	AN	34.9	60.9	26.0	74.5
1974	W	35.0	62.0	27.0	77.2
1975	W	34.9	60.3	25.4	72.8
1976	C	35.4	62.8	27.4	77.4
1977	C	35.5	56.7	21.3	60.0
1978	AN	35.1	60.9	25.8	73.5
1979	BN	34.9	61.1	26.2	75.0
1980	AN	35.1	61.2	26.1	74.4
1981	D	34.8	61.7	26.9	77.3
1982	W	34.7	59.2	24.5	70.5
1983	W	35.0	61.6	26.5	75.7
1984	W	34.8	60.7	25.9	74.4
1985	D	35.3	60.3	25.0	70.8
1986	W	35.0	60.4	25.4	72.6
1987	D	35.5	62.5	27.1	76.4
1988	C	35.5	62.6	27.1	76.4
1989	D	34.9	60.7	25.8	74.0
1990	C	35.3	62.7	27.4	77.6
1991	C	35.5	61.5	26.0	73.3
1992	C	35.4	61.8	26.4	74.6
1993	AN	34.9	60.7	25.8	74.0
	Mean:	35.1	61.2	26.1	74.4
	Median:	35.1	61.3	26.1	74.6
	Min:	34.5	56.7	21.3	60.0
	Max:	35.5	63.0	27.5	78.3

D8 Annual Diversion

Delivery Year, Mar - Feb					
Year	Water Year Type	Proposed Action (Baseline Condition) Annual Diversion (TAF)	Future No Action Annual Diversion (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	132.7	255.0	122.4	92.3
1923	BN	133.2	254.3	121.1	90.9
1924	C	90.4	170.1	79.7	88.2
1925	D	121.0	248.7	127.7	105.5
1926	D	117.1	205.7	88.6	75.7
1927	W	132.6	255.5	123.0	92.8
1928	AN	131.7	254.4	122.7	93.2
1929	C	111.8	203.3	91.5	81.8
1930	D	121.1	218.5	97.4	80.5
1931	C	92.1	187.3	95.2	103.3
1932	D	115.3	240.5	125.1	108.5
1933	C	108.4	203.4	95.0	87.7
1934	C	97.5	197.1	99.7	102.3
1935	BN	119.6	244.7	125.0	104.5
1936	BN	122.1	248.8	126.7	103.8
1937	BN	120.9	248.3	127.3	105.3
1938	W	132.5	255.3	122.8	92.6
1939	D	105.6	216.3	110.7	104.8
1940	AN	133.4	256.4	123.0	92.2
1941	W	132.7	255.1	122.4	92.2
1942	W	133.6	256.8	123.2	92.2
1943	W	133.3	257.2	123.9	93.0
1944	D	120.5	218.5	98.1	81.4
1945	BN	133.0	256.0	123.0	92.5
1946	BN	133.6	257.0	123.4	92.3
1947	D	120.6	218.4	97.7	81.0
1948	BN	131.9	255.0	123.2	93.4
1949	D	132.2	256.1	123.9	93.7
1950	BN	121.0	247.7	126.7	104.7
1951	AN	132.1	254.7	122.6	92.8
1952	W	133.7	257.3	123.6	92.5
1953	W	133.7	257.1	123.4	92.3
1954	AN	133.4	228.6	95.2	71.3
1955	D	121.1	219.1	98.1	81.0
1956	W	132.4	255.4	123.0	92.9
1957	AN	131.7	253.4	121.8	92.5
1958	W	133.6	257.2	123.5	92.4
1959	BN	115.0	219.3	104.3	90.7
1960	D	120.9	219.5	98.7	81.6
1961	D	112.5	216.6	104.1	92.5
1962	BN	133.4	227.3	94.0	70.5
1963	W	132.5	255.1	122.6	92.5
1964	D	120.3	220.4	100.1	83.2
1965	W	132.6	256.9	124.3	93.7
1966	BN	133.4	228.6	95.2	71.4
1967	W	133.4	256.9	123.4	92.5
1968	BN	133.1	226.8	93.7	70.4
1969	W	133.3	256.0	122.7	92.1
1970	W	133.0	227.3	94.3	70.9
1971	W	133.7	257.0	123.3	92.2
1972	BN	132.3	226.3	94.0	71.1
1973	AN	131.7	254.5	122.8	93.2
1974	W	133.1	255.9	122.8	92.2
1975	W	132.7	255.7	123.0	92.7
1976	C	98.6	183.4	84.8	86.0
1977	C	92.2	161.2	69.0	74.8
1978	AN	133.4	257.6	124.2	93.1
1979	BN	132.7	252.9	120.2	90.6
1980	AN	133.5	257.6	124.1	93.0
1981	D	114.9	218.0	103.0	89.6
1982	W	132.5	253.7	121.2	91.5
1983	W	133.4	256.6	123.2	92.3
1984	W	132.7	227.0	94.3	71.1
1985	D	132.8	227.7	94.9	71.5
1986	W	132.0	254.8	122.8	93.1
1987	D	102.9	201.2	98.3	95.5
1988	C	96.1	185.2	89.1	92.7
1989	D	118.7	243.1	124.4	104.8
1990	C	90.1	201.1	110.9	123.0
1991	C	114.9	211.9	97.0	84.4
1992	C	102.7	194.2	91.4	89.0
1993	AN	133.5	257.4	123.9	92.8
	Mean:	123.7	235.1	111.4	90.3
	Median:	132.2	248.5	122.4	92.3
	Min:	90.1	161.2	69.0	70.4
	Max:	133.7	257.6	127.7	123.0

D302 Annual Diversion

Delivery Year, Mar - Feb					
Year	Water Year Type	Proposed Action (Baseline Condition) Annual Diversion (TAF)	Future No Action Annual Diversion (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	144.6	220.4	75.8	52.4
1923	BN	145.4	221.8	76.4	52.6
1924	C	58.0	61.5	3.5	6.0
1925	D	129.3	149.4	20.2	15.6
1926	D	97.2	121.2	24.1	24.8
1927	W	138.8	205.4	66.6	48.0
1928	AN	105.7	121.3	15.5	14.7
1929	C	97.2	101.6	4.4	4.5
1930	D	105.7	121.3	15.5	14.7
1931	C	97.3	101.9	4.6	4.7
1932	D	137.0	182.4	45.5	33.2
1933	C	97.2	101.6	4.4	4.5
1934	C	97.2	101.6	4.4	4.5
1935	BN	138.5	199.8	61.4	44.3
1936	BN	139.5	199.2	59.7	42.8
1937	BN	122.5	163.2	40.7	33.2
1938	W	138.5	205.1	66.6	48.1
1939	D	105.8	121.5	15.7	14.8
1940	AN	139.2	206.0	66.8	48.0
1941	W	144.6	220.6	76.0	52.6
1942	W	145.4	221.8	76.4	52.5
1943	W	138.8	201.4	62.6	45.1
1944	D	122.5	154.4	31.9	26.0
1945	BN	138.6	200.2	61.5	44.4
1946	BN	137.0	182.1	45.1	32.9
1947	D	108.6	140.7	32.1	29.6
1948	BN	141.9	207.3	65.4	46.1
1949	D	122.5	163.2	40.7	33.2
1950	BN	139.0	200.4	61.4	44.2
1951	AN	143.7	214.5	70.9	49.4
1952	W	145.5	222.4	76.9	52.9
1953	W	145.0	216.6	71.6	49.4
1954	AN	130.2	180.1	49.9	38.3
1955	D	111.7	135.4	23.8	21.3
1956	W	144.6	220.4	75.8	52.4
1957	AN	136.3	213.4	77.2	56.7
1958	W	145.5	222.1	76.6	52.6
1959	BN	105.9	121.5	15.6	14.7
1960	D	105.7	121.3	15.6	14.8
1961	D	105.7	121.3	15.5	14.7
1962	BN	139.3	183.2	44.0	31.6
1963	W	144.5	215.0	70.5	48.8
1964	D	114.0	140.4	26.5	23.3
1965	W	136.2	192.8	56.6	41.6
1966	BN	109.0	154.7	45.7	41.9
1967	W	145.1	216.7	71.7	49.4
1968	BN	105.7	101.6	-4.1	-3.9
1969	W	145.1	221.4	76.3	52.6
1970	W	122.4	163.2	40.8	33.3
1971	W	145.7	222.6	76.9	52.8
1972	BN	105.7	121.2	15.5	14.7
1973	AN	130.2	168.6	38.4	29.5
1974	W	145.0	221.1	76.1	52.5
1975	W	145.0	220.9	75.9	52.3
1976	C	97.2	101.6	4.4	4.5
1977	C	58.0	55.4	-2.6	-4.5
1978	AN	136.8	200.9	64.1	46.9
1979	BN	130.6	144.2	13.6	10.4
1980	AN	138.9	201.6	62.6	45.1
1981	D	116.7	149.2	32.6	27.9
1982	W	143.9	219.0	75.1	52.2
1983	W	145.4	221.9	76.5	52.6
1984	W	129.5	148.1	18.6	14.4
1985	D	108.4	130.0	21.6	19.9
1986	W	130.3	178.8	48.5	37.2
1987	D	97.3	121.5	24.2	24.9
1988	C	114.0	157.3	43.4	38.1
1989	D	108.4	130.0	21.6	19.9
1990	C	105.7	121.3	15.5	14.7
1991	C	114.1	121.5	7.4	6.5
1992	C	114.0	140.4	26.5	23.3
1993	AN	145.5	222.4	76.9	52.8
	Mean:	124.4	168.0	43.6	32.5
	Median:	130.3	173.7	44.6	33.3
	Min:	58.0	55.4	-4.1	-4.5
	Max:	145.7	222.6	77.2	56.7

D167 Annual Diversion

Delivery Year, Mar - Feb					
Year	Water Year Type	Proposed Action (Baseline Condition) Annual Diversion (TAF)	Future No Action Annual Diversion (TAF)	Absolute Difference	Relative Difference (%)[1]
1922	AN	8.5	32.0	23.4	274.6
1923	BN	8.4	31.1	22.7	270.8
1924	C	92.5	178.0	85.5	92.4
1925	D	23.1	102.6	79.6	345.3
1926	D	53.7	126.5	72.7	135.3
1927	W	14.4	47.2	32.8	227.2
1928	AN	48.1	132.3	84.2	175.2
1929	C	53.8	148.1	94.2	175.0
1930	D	46.6	130.7	84.1	180.5
1931	C	53.4	148.3	94.9	177.7
1932	D	14.5	68.3	53.8	370.6
1933	C	53.3	147.1	93.8	175.9
1934	C	54.3	149.1	94.8	174.5
1935	BN	13.1	49.6	36.5	279.0
1936	BN	12.9	52.9	39.9	308.2
1937	BN	29.8	88.6	58.8	197.4
1938	W	14.6	47.4	32.8	225.0
1939	D	46.7	130.0	83.3	178.4
1940	AN	14.6	47.5	32.9	225.6
1941	W	8.5	32.0	23.5	275.9
1942	W	8.5	32.1	23.6	276.7
1943	W	15.0	52.7	37.7	251.7
1944	D	29.2	96.0	66.8	229.0
1945	BN	15.1	52.8	37.7	249.7
1946	BN	17.1	72.1	55.0	322.1
1947	D	43.3	109.4	66.1	152.8
1948	BN	11.6	45.8	34.2	295.6
1949	D	31.4	90.9	59.5	189.6
1950	BN	13.3	50.4	37.1	278.0
1951	AN	8.9	37.1	28.2	316.2
1952	W	8.5	32.1	23.6	276.6
1953	W	9.1	37.5	28.5	314.2
1954	AN	23.8	74.5	50.7	212.8
1955	D	40.6	116.5	75.8	186.5
1956	W	8.5	32.0	23.5	275.7
1957	AN	15.9	37.2	21.3	133.7
1958	W	8.5	32.1	23.6	276.7
1959	BN	48.2	132.7	84.5	175.2
1960	D	46.6	130.8	84.2	180.9
1961	D	47.9	132.4	84.5	176.4
1962	BN	14.6	69.7	55.1	378.0
1963	W	8.4	37.1	28.7	342.6
1964	D	37.5	109.8	72.3	192.7
1965	W	17.7	61.6	43.9	248.7
1966	BN	45.1	99.9	54.8	121.6
1967	W	8.9	37.3	28.4	318.5
1968	BN	48.3	152.4	104.2	215.9
1969	W	8.5	32.1	23.5	275.6
1970	W	30.9	90.0	59.1	191.0
1971	W	8.4	31.9	23.5	280.1
1972	BN	47.0	130.2	83.2	176.9
1973	AN	22.3	82.9	60.6	271.7
1974	W	8.5	32.0	23.5	275.7
1975	W	8.4	31.7	23.3	277.9
1976	C	54.4	149.6	95.3	175.3
1977	C	92.8	179.2	86.4	93.1
1978	AN	17.2	53.6	36.4	211.2
1979	BN	22.7	107.6	85.0	374.9
1980	AN	15.1	53.0	37.9	250.7
1981	D	36.4	103.1	66.7	183.2
1982	W	9.0	31.9	22.9	254.1
1983	W	8.4	31.8	23.5	280.3
1984	W	23.7	104.4	80.8	341.5
1985	D	45.4	123.7	78.3	172.4
1986	W	23.4	74.9	51.4	219.3
1987	D	55.0	130.5	75.5	137.4
1988	C	37.4	92.8	55.5	148.5
1989	D	41.9	116.9	75.0	178.8
1990	C	44.5	128.0	83.5	187.5
1991	C	37.3	128.6	91.2	244.2
1992	C	38.1	110.3	72.2	189.6
1993	AN	8.5	32.1	23.6	277.5
	Mean:	28.4	83.8	55.5	232.2
	Median:	22.9	78.9	55.1	226.4
	Min:	8.4	31.1	21.3	92.4
	Max:	92.8	179.2	104.2	378.0