

Number of flow events meeting Lamprey 3-day passage criteria during the Nov 1–May 31 period.													
Water Year	Water Year Type	Lamprey Events				Loss in Lamprey Events			Loss in Lamprey Events (%)			Recovery from Water Rights Operations (%)	
		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1944	High	8	4	5	5	4	3	3	50%	38%	38%	25%	25%
1958	High	8	6	7	7	2	1	1	25%	13%	13%	50%	50%
1969	High	5	5	5	5	0	0	0	0%	0%	0%	NA	NA
1978	High	10	7	9	9	3	1	1	30%	10%	10%	67%	67%
1979	High	6	5	6	5	1	0	1	17%	0%	17%	100%	0%
1980	High	7	6	7	7	1	0	0	14%	0%	0%	100%	100%
1983	High	9	7	7	7	2	2	2	22%	22%	22%	0%	0%
1993	High	8	6	6	6	2	2	2	25%	25%	25%	0%	0%
1995	High	8	7	8	8	1	0	0	13%	0%	0%	100%	100%
1998	High	10	7	10	10	3	0	0	30%	0%	0%	100%	100%
2005	High	7	7	7	7	0	0	0	0%	0%	0%	NA	NA
1947	Low	4	1	1	1	3	3	3	75%	75%	75%	0%	0%
1948	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1949	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1950	Low	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
1951	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1953	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1955	Low	1	0	0	0	1	1	1	100%	100%	100%	0%	0%
1956	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1957	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1960	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1961	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1963	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1964	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1972	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1976	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1977	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1987	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1989	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1990	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2002	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2004	Low	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
2007	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2012	Low	3	0	0	0	3	3	3	100%	100%	100%	0%	0%
2013	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2014	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1945	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
1946	Mod	3	1	1	1	2	2	2	67%	67%	67%	0%	0%
1952	Mod	5	4	5	5	1	0	0	20%	0%	0%	100%	100%
1954	Mod	2	0	2	2	2	0	0	100%	0%	0%	100%	100%
1959	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
1962	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
1965	Mod	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
1966	Mod	4	3	4	3	1	0	1	25%	0%	25%	100%	0%

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1967	Mod	6	4	6	6	2	0	0	33%	0%	0%	100%	100%
1968	Mod	2	0	1	1	2	1	1	100%	50%	50%	50%	50%
1970	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1971	Mod	4	1	2	2	3	2	2	75%	50%	50%	33%	33%
1973	Mod	6	5	6	6	1	0	0	17%	0%	0%	100%	100%
1974	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
1975	Mod	3	1	3	3	2	0	0	67%	0%	0%	100%	100%
1981	Mod	4	2	4	4	2	0	0	50%	0%	0%	100%	100%
1982	Mod	4	1	4	4	3	0	0	75%	0%	0%	100%	100%
1984	Mod	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1985	Mod	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1986	Mod	6	5	6	6	1	0	0	17%	0%	0%	100%	100%
1988	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1991	Mod	3	2	3	3	1	0	0	33%	0%	0%	100%	100%
1992	Mod	7	5	7	7	2	0	0	29%	0%	0%	100%	100%
1994	Mod	2	2	2	2	0	0	0	0%	0%	0%	NA	NA
1996	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1997	Mod	8	4	6	4	4	2	4	50%	25%	50%	50%	0%
1999	Mod	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2000	Mod	3	2	3	3	1	0	0	33%	0%	0%	100%	100%
2001	Mod	5	3	5	5	2	0	0	40%	0%	0%	100%	100%
2003	Mod	5	3	4	4	2	1	1	40%	20%	20%	50%	50%

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
2006	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
2008	Mod	3	3	3	3	0	0	0	0%	0%	0%	NA	NA
2009	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
2010	Mod	5	2	4	4	3	1	1	60%	20%	20%	67%	67%
2011	Mod	6	5	6	5	1	0	1	17%	0%	17%	100%	0%
Median	High	8	6	7	7	2	0	1	22%	0%	10%	67%	50%
	Moderate	3	2	3	3	1	0	0	40%	0%	0%	100%	100%
	Low	0	0	0	0	0	0	0	75%	0%	0%	0%	0%
Mean	High	8	6	7	7	2	1	1	21%	10%	11%	60%	49%
	Moderate	3	2	3	3	1	0	0	43%	12%	14%	78%	70%
	Low	1	0	0	0	0	0	0	53%	31%	31%	40%	40%

Number of flow events meeting Lamprey 2-day passage criteria during the Nov 1 - May 31 period.													
Water Year	Water Year Type	Lamprey Events				Loss in Lamprey Events			Loss in Lamprey Events (%)			Recovery from Water Rights Operations (%)	
		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1944	High	8	4	5	5	4	3	3	50%	38%	38%	25%	25%
1958	High	8	6	7	7	2	1	1	25%	13%	13%	50%	50%
1969	High	5	5	5	5	0	0	0	0%	0%	0%	NA	NA
1978	High	10	7	9	9	3	1	1	30%	10%	10%	67%	67%
1979	High	6	5	6	5	1	0	1	17%	0%	17%	100%	0%
1980	High	7	6	7	7	1	0	0	14%	0%	0%	100%	100%
1983	High	9	7	7	7	2	2	2	22%	22%	22%	0%	0%
1993	High	8	6	6	6	2	2	2	25%	25%	25%	0%	0%
1995	High	9	8	9	9	1	0	0	11%	0%	0%	100%	100%
1998	High	10	7	10	10	3	0	0	30%	0%	0%	100%	100%
2005	High	7	7	7	7	0	0	0	0%	0%	0%	NA	NA
1947	Low	4	1	1	1	3	3	3	75%	75%	75%	0%	0%
1948	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1949	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1950	Low	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
1951	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1953	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1955	Low	1	0	0	0	1	1	1	100%	100%	100%	0%	0%
1956	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1957	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1960	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1961	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1963	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1964	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1972	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1976	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1977	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1987	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1989	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1990	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2002	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2004	Low	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
2007	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2012	Low	3	0	0	0	3	3	3	100%	100%	100%	0%	0%
2013	Low	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2014	Low	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1945	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
1946	Mod	3	1	1	1	2	2	2	67%	67%	67%	NA	NA
1952	Mod	5	4	5	5	1	0	0	20%	0%	0%	100%	100%
1954	Mod	2	0	2	2	2	0	0	100%	0%	0%	100%	100%
1959	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
1962	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
1965	Mod	1	0	1	1	1	0	0	100%	0%	0%	100%	100%
1966	Mod	4	3	4	3	1	0	1	25%	0%	25%	100%	0%

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
1967	Mod	8	4	8	8	4	0	0	50%	0%	0%	100%	100%
1968	Mod	2	0	1	1	2	1	1	100%	50%	50%	50%	50%
1970	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1971	Mod	4	1	2	2	3	2	2	75%	50%	50%	33%	33%
1973	Mod	6	5	6	6	1	0	0	17%	0%	0%	100%	100%
1974	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
1975	Mod	3	1	3	3	2	0	0	67%	0%	0%	100%	100%
1981	Mod	4	2	4	4	2	0	0	50%	0%	0%	100%	100%
1982	Mod	4	1	4	4	3	0	0	75%	0%	0%	100%	100%
1984	Mod	1	1	1	1	0	0	0	0%	0%	0%	NA	NA
1985	Mod	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
1986	Mod	6	5	6	6	1	0	0	17%	0%	0%	100%	100%
1988	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1991	Mod	3	2	3	3	1	0	0	33%	0%	0%	100%	100%
1992	Mod	7	5	7	7	2	0	0	29%	0%	0%	100%	100%
1994	Mod	2	2	2	2	0	0	0	0%	0%	0%	NA	NA
1996	Mod	2	1	2	2	1	0	0	50%	0%	0%	100%	100%
1997	Mod	8	4	6	4	4	2	4	50%	25%	50%	50%	0%
1999	Mod	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
2000	Mod	3	2	3	3	1	0	0	33%	0%	0%	100%	100%
2001	Mod	7	4	7	7	3	0	0	43%	0%	0%	100%	100%
2003	Mod	5	3	4	4	2	1	1	40%	20%	20%	50%	50%

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		No Diversion	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Water Right Operations	Initial Operations	Future Operations	Initial Operations	Future Operations
2006	Mod	4	3	4	4	1	0	0	25%	0%	0%	100%	100%
2008	Mod	3	3	3	3	0	0	0	0%	0%	0%	NA	NA
2009	Mod	2	1	1	1	1	1	1	50%	50%	50%	0%	0%
2010	Mod	5	2	4	4	3	1	1	60%	20%	20%	67%	67%
2011	Mod	7	5	6	5	2	1	2	29%	14%	29%	50%	0%
Median	High	8	6	7	7	2	0	1	22%	0%	10%	67%	50%
	Moderate	3	2	3	3	1	0	0	50%	0%	0%	100%	100%
	Low	0	0	0	0	0	0	0	75%	0%	0%	0%	0%
Mean	High	8	6	7	7	2	1	1	20%	10%	11%	60%	49%
	Moderate	4	2	3	3	1	0	0	44%	12%	14%	79%	72%
	Low	1	0	0	0	0	0	0	53%	31%	31%	40%	40%