

**Counting Strategies Record at Bonneville Dam**

night factor A: one night factor for all counts, `1.048

night factors B: adult chinook, 1.028; jack chinook, 1.049; steelhead, 1.1064; sockeye, 1.0394; lamprey, 1.3; miscellaneous, 1.169

night factors C: chinook, 1.058; steelhead, 1.033; sockeye, 1.059; coho, 1.080; lamprey, 1.541; miscellaneous, 1.181

night factors D: chinook, 1.058; steelhead, 1.033; sockeye, 1.059; coho, 1.080; chum, 1.080; lamprey, 1.541; miscellaneous, 1.181

night factor E: one night factor for all counts, 1.06

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	5/7/1938	closed	in-season	flashboard	45/16		24 hours	573
Bonneville	12/1/1939	closed	off-season	flashboard	45/8		24 hours	122
Bonneville	4/1/1940	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1940	closed	off-season	flashboard	45/8		24 hours	151
Bonneville	4/1/1941	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1941	closed	off-season	flashboard	45/8		24 hours	151
Bonneville	4/1/1942	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1942	closed	off-season	flashboard	45/8		24 hours	151
Bonneville	4/1/1943	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1943	closed	off-season	flashboard	45/8		24 hours	152
Bonneville	4/1/1944	closed	in-season	flashboard	45/16		24 hours	135
Bonneville	8/14/1944	closed	in-season	flashboard	45/18		24 hours	79
Bonneville	11/1/1944	closed	off-season	flashboard	45/8		24 hours	151
Bonneville	4/1/1945	closed	in-season	flashboard	45/16		24 hours	213
Bonneville	10/31/1945	closed	off-season	flashboard	45/8		24 hours	152
Bonneville	4/1/1946	closed	in-season	flashboard	45/16		24 hours	213
Bonneville	10/31/1946	closed	off-season	flashboard	45/8		24 hours	152
Bonneville	4/1/1947	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1947	closed	off-season	flashboard	45/8		24 hours	152
Bonneville	4/1/1948	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1948	closed	off-season	flashboard	45/8		24 hours	151
Bonneville	4/1/1949	closed	in-season	flashboard	45/16		24 hours	214
Bonneville	11/1/1949	closed	off-season	flashboard	45/8		24 hours	61
Bonneville	1/1/1950	closed	off-season					63
Bonneville	3/5/1950	closed	off-season	flashboard	45/8		24 hours	42
Bonneville	4/16/1950	closed	in-season	flashboard	45/16		24 hours	168
Bonneville	10/1/1950	closed	off-season	flashboard	45/8		24 hours	29

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	10/30/1950	closed	off-season					135
Bonneville	3/14/1951	closed	off-season	flashboard	45/8		24 hours	20
Bonneville	4/3/1951	closed	in-season	flashboard	45/16		24 hours	180
Bonneville	9/30/1951	closed	off-season	flashboard	45/8		24 hours	61
Bonneville	11/30/1951	closed	off-season					32
Bonneville	1/1/1952	open	off-season					60
Bonneville	3/1/1952	closed	off-season	flashboard	45/8		24 hours	27
Bonneville	3/28/1952	closed	in-season	flashboard	45/16		24 hours	187
Bonneville	10/1/1952	closed	off-season	flashboard	45/8		24 hours	60
Bonneville	11/30/1952	open	off-season					91
Bonneville	3/1/1953	closed	off-season	flashboard	45/8		24 hours	28
Bonneville	3/29/1953	closed	in-season	flashboard	45/16		24 hours	189
Bonneville	10/4/1953	closed	off-season	flashboard	45/8		24 hours	56
Bonneville	11/29/1953	open	off-season					91
Bonneville	2/28/1954	closed	off-season	flashboard	45/8		24 hours	35
Bonneville	4/4/1954	closed	in-season	flashboard	45/16		24 hours	182
Bonneville	10/3/1954	closed	off-season	flashboard	45/8		24 hours	56
Bonneville	11/28/1954	open	off-season					91
Bonneville	2/27/1955	closed	off-season	flashboard	45/8		24 hours	28
Bonneville	3/27/1955	closed	in-season	flashboard	45/16		24 hours	189
Bonneville	10/2/1955	closed	off-season	flashboard	45/8		24 hours	69
Bonneville	12/10/1955	open	off-season					2
Bonneville	12/12/1955	closed	off-season	flashboard	45/8		24 hours	5
Bonneville	12/17/1955	open	off-season					2
Bonneville	12/19/1955	closed	off-season	flashboard	45/8		24 hours	5
Bonneville	12/24/1955	open	off-season					2
Bonneville	12/26/1955	closed	off-season	flashboard	45/8		24 hours	5
Bonneville	12/31/1955	open	off-season					63
Bonneville	3/3/1956	closed	off-season	flashboard	45/8		24 hours	28
Bonneville	3/31/1956	closed	in-season	flashboard	45/16		24 hours	190
Bonneville	10/7/1956	closed	off-season	flashboard	45/8		24 hours	55
Bonneville	12/1/1956	open	off-season					90
Bonneville	3/1/1957	closed	off-season	flashboard	45/8		24 hours	30

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	3/31/1957	open	in-season	flashboard	45/8	x2.67, x night factor A	24 hours	137
Bonneville	8/15/1957	open	in-season	flashboard	50/16	x1.2, x night factor A	24 hours	50
Bonneville	10/4/1957	open	in-season	flashboard	50/16	x1.2, x night factors B	24 hours	17
Bonneville	10/21/1957	open	off-season	flashboard	50/4	x4.8, x night factors B	24 hours	28
Bonneville	11/18/1957	open	off-season	flashboard	50/8	x2.4, x night factors B	24 hours	13
Bonneville	12/1/1957	open	off-season					91
Bonneville	3/2/1958	open	off-season	flashboard	50/8	x2.4, x night factors B	24 hours	28
Bonneville	3/30/1958	open	in-season	flashboard	50/16	x1.2, x night factors B	24 hours	189
Bonneville	10/5/1958	open	off-season	flashboard	50/8	x2.4, x night factors B	24 hours	56
Bonneville	11/30/1958	open	off-season					92
Bonneville	3/2/1959	open	off-season	flashboard	50/4	x4.8, x night factors B	24 hours	34
Bonneville	4/5/1959	open	off-season	flashboard	50/4	x4.8, x night factors C	24 hours	7
Bonneville	4/12/1959	open	in-season	flashboard	50/8	x2.4, x night factors C	24 hours	175
Bonneville	10/4/1959	open	off-season	flashboard	50/4	x4.8, x night factors C	24 hours	56
Bonneville	11/29/1959	open	off-season					93
Bonneville	3/1/1960	open	off-season	flashboard	50/4	x4.8, x night factors C	24 hours	33
Bonneville	4/3/1960	open	in-season	flashboard	50/8	x2.4, x night factors C	24 hours	182
Bonneville	10/2/1960	open	off-season	flashboard	50/4	x4.8, x night factors C	24 hours	60
Bonneville	12/1/1960	open	off-season					90
Bonneville	3/1/1961	open	off-season	flashboard	50/4	x4.8, x night factors C	24 hours	41
Bonneville	4/11/1961	open	in-season	flashboard	50/16	x1.2, x night factors C	24 hours	173
Bonneville	10/1/1961	open	in-season	flashboard	50/8	x2.4, x night factors C	24 hours	61
Bonneville	12/1/1961	open	off-season					90
Bonneville	3/1/1962	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	31
Bonneville	4/1/1962	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	182
Bonneville	9/30/1962	open	in-season	flashboard	50/8	x2.4, x night factors C	24 hours	62
Bonneville	12/1/1962	open	off-season					90
Bonneville	3/1/1963	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	31
Bonneville	4/1/1963	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	209
Bonneville	10/27/1963	open	in-season	flashboard	50/16	x1.2, x night factors C	24 hours	1
Bonneville	10/28/1963	open	in-season	flashboard	50/8	x2.4, x night factors C	24 hours	34
Bonneville	12/1/1963	open	off-season					91
Bonneville	3/1/1964	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	28

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	3/29/1964	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	217
Bonneville	11/1/1964	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	11/29/1964	open	off-season					92
Bonneville	3/1/1965	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	30
Bonneville	3/31/1965	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	212
Bonneville	10/29/1965	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	33
Bonneville	12/1/1965	open	off-season					86
Bonneville	2/25/1966	open	off-season	flashboard	50/8	x1.2	8 hours	14
Bonneville	3/11/1966	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	21
Bonneville	4/1/1966	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	210
Bonneville	10/28/1966	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	30
Bonneville	11/27/1966	open	off-season					94
Bonneville	3/1/1967	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	31
Bonneville	4/1/1967	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	211
Bonneville	10/29/1967	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	11/26/1967	open	off-season					99
Bonneville	3/4/1968	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	4/1/1968	closed	in-season	flashboard	50/16		24 hours	209
Bonneville	10/27/1968	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	11/24/1968	open	off-season					100
Bonneville	3/4/1969	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	26
Bonneville	3/30/1969	closed	in-season	flashboard	50/16		24 hours	210
Bonneville	10/26/1969	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	11/23/1969	open	off-season					101
Bonneville	3/4/1970	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	26
Bonneville	3/30/1970	closed	in-season	flashboard	50/16		24 hours	210
Bonneville	10/26/1970	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	28
Bonneville	11/23/1970	open	off-season					101
Bonneville	3/4/1971	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	24
Bonneville	3/28/1971	closed	in-season	flashboard	50/16		24 hours	210
Bonneville	10/24/1971	open	off-season	flashboard	50/8	x2.4, x night factors D	24 hours	21
Bonneville	11/14/1971	open	off-season					122
Bonneville	3/15/1972	open	off-season	flashboard	50/8	x2.4, x night factor E	24 hours	13

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	3/28/1972	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	210
Bonneville	10/24/1972	open	off-season	flashboard	50/8	x2.4, x night factor E	24 hours	23
Bonneville	11/16/1972	open	off-season					119
Bonneville	3/15/1973	open	off-season	flashboard	50/8	x2.4, x night factor E	24 hours	17
Bonneville	4/1/1973	open	in-season	flashboard	50/18	x1.2	18 hours	214
Bonneville	11/1/1973	open	off-season	flashboard	50/8	x2.4, x night factor E	24 hours	15
Bonneville	11/16/1973	open	off-season					119
Bonneville	3/15/1974	open	off-season	visual	50/8	x2.4, x night factor E	24 hours	17
Bonneville	4/1/1974	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1974	open	off-season	visual	50/8	x2.4, x night factor E	24 hours	15
Bonneville	11/16/1974	open	off-season					119
Bonneville	3/15/1975	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1975	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1975	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1975	open	off-season					120
Bonneville	3/15/1976	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1976	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1976	open	off-season					119
Bonneville	3/15/1977	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1977	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1977	open	off-season					119
Bonneville	3/15/1978	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1978	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1978	open	off-season					119
Bonneville	3/15/1979	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1979	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1979	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1979	open	off-season					120
Bonneville	3/15/1980	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	11/1/1980	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1980	open	off-season					119
Bonneville	3/15/1981	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1981	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1981	open	off-season					119
Bonneville	3/15/1982	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1982	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1982	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1982	open	off-season					119
Bonneville	3/15/1983	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1983	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1983	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1983	open	off-season					120
Bonneville	3/15/1984	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1984	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1984	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1984	open	off-season					119
Bonneville	3/15/1985	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1985	open	off-season	visual	50/8	x1.2	8 hours	30
Bonneville	12/1/1985	open	off-season					104
Bonneville	3/15/1986	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1986	open	off-season	visual	50/8	x1.2	8 hours	30
Bonneville	12/1/1986	open	off-season					104
Bonneville	3/15/1987	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1987	open	off-season	visual	50/8	x1.2	8 hours	30
Bonneville	12/1/1987	open	off-season					105
Bonneville	3/15/1988	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1988	open	off-season	visual	50/8	x1.2	8 hours	30

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	12/1/1988	open	off-season					104
Bonneville	3/15/1989	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1989	open	off-season	visual	50/8	x1.2	8 hours	30
Bonneville	12/1/1989	open	off-season					104
Bonneville	3/15/1990	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1990	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1990	open	off-season					119
Bonneville	3/15/1991	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1991	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1991	open	off-season					120
Bonneville	3/15/1992	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1992	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1992	open	off-season					119
Bonneville	3/15/1993	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/1993	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1993	open	off-season					119
Bonneville	3/15/1994	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1994	open	in-season	visual	50/16	x1.2	16 hours	61
Bonneville	6/1/1994	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	77
Bonneville	8/17/1994	open	in-season	visual	50/16	x1.2	16 hours	76
Bonneville	11/1/1994	open	off-season	visual	50/8	x1.2	8 hours	15
Bonneville	11/16/1994	open	off-season					119
Bonneville	3/15/1995	open	off-season	visual	50/8	x1.2	8 hours	17
Bonneville	4/1/1995	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	214
Bonneville	11/1/1995	open	off-season	visual, video	50/8, 60/8	x1.2	16 hours	15
Bonneville	11/16/1995	open	off-season	video	60/24		24 hours	120
Bonneville	3/15/1996	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/1996	open	off-season	video	60/24		24 hours	119

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	3/15/1997	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/1997	open	off-season	video	60/24		24 hours	119
Bonneville	3/15/1998	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/1998	open	off-season	video	60/24		24 hours	119
Bonneville	3/15/1999	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/1999	open	off-season	video	60/24		24 hours	120
Bonneville	3/15/2000	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/2000	open	off-season	video	60/24		24 hours	119
Bonneville	3/15/2001	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/2001	open	off-season	video	60/24		24 hours	119
Bonneville	3/15/2002	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	246
Bonneville	11/16/2002	open	off-season	video	60/24		24 hours	46
Bonneville	1/1/2003	open	off-season	video	60/16		16 hours	90
Bonneville	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2003	open	off-season	video	60/16		16 hours	152
Bonneville	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2004	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2005	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2006	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2007	open	off-season	video	60/16		16 hours	152
Bonneville	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
Bonneville	11/1/2008	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2009	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2009	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2009	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2010	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2010	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2010	open	off-season	video	60/16		16 hours	151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Bonneville	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2011	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2011	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2011	open	off-season	video	60/16		16 hours	152
Bonneville	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2012	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2012	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2012	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2013	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2013	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2013	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2014	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2014	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2014	open	off-season	video	60/16		16 hours	151
Bonneville	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	75
Bonneville	6/15/2015	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Bonneville	10/1/2015	open	in-season	visual	50/16	x1.2	16 hours	31
Bonneville	11/1/2015	open	off-season	video	60/16		16 hours	

**Counting Strategies Record at McNary Dam**

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	3/15/54	closed	off-season	flashboard	45/8		24 hours	11
McNary	3/26/54	closed	in-season	flashboard	45/16		24 hours	226
McNary	11/7/54	closed	off-season	flashboard	45/8		24 hours	24
McNary	12/1/54	open	off-season					31
McNary	1/1/55	closed	off-season	flashboard	45/8		24 hours	106
McNary	4/17/55	closed	in-season	flashboard	45/16		24 hours	210
McNary	11/13/55	closed	off-season	flashboard	45/8		24 hours	154
McNary	4/15/56	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/15/56	closed	off-season	flashboard	45/8		24 hours	16
McNary	12/1/56	open	off-season					106
McNary	3/17/57	closed	off-season	flashboard	45/8		24 hours	42
McNary	4/28/57	closed	in-season	flashboard	45/16		24 hours	150
McNary	9/25/57	closed	off-season	flashboard	45/8		24 hours	25
McNary	10/20/57	open	off-season					148
McNary	3/17/58	closed	off-season	flashboard	45/8		24 hours	41
McNary	4/27/58	closed	in-season	flashboard	45/16		24 hours	70
McNary	7/6/58	closed	in-season	flashboard	45/8		24 hours	14
McNary	7/20/58	closed	in-season	flashboard	45/16		24 hours	81
McNary	10/9/58	closed	off-season	flashboard	45/8		24 hours	23
McNary	11/1/58	open	off-season					151
McNary	4/1/59	closed	in-season	flashboard	45/8		24 hours	214
McNary	11/1/59	open	off-season					152
McNary	4/1/60	closed	in-season	flashboard	45/8		24 hours	214
McNary	11/1/60	open	off-season					151
McNary	4/1/61	open	in-season	flashboard	45/8	x2.67	16 hours	122
McNary	8/1/61	closed	in-season	flashboard	45/16		24 hours	92
McNary	11/1/61	open	off-season					151
McNary	4/1/62	open	in-season	flashboard	45/8	x2.67	16 hours	122
McNary	8/1/62	closed	in-season	flashboard	45/16		24 hours	92
McNary	11/1/62	open	off-season					151
McNary	4/1/63	closed 16h every other night	in-season	flashboard	45/8	x2.67	24 hours	122
McNary	8/1/63	closed 8h	in-season	flashboard	45/16	x1.33	24 hours	92

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	11/1/63	open	off-season					152
McNary	4/1/64	closed 16h every other night	in-season	flashboard	45/8	x2.67	24 hours	122
McNary	8/1/64	closed 8h	in-season	flashboard	45/16	x1.33	24 hours	92
McNary	11/1/64	open	off-season					151
McNary	4/1/65	closed 16h every other night	in-season	flashboard	45/8	x2.67	24 hours	122
McNary	8/1/65	closed 8h	in-season	flashboard	45/16	x1.33	24 hours	92
McNary	11/1/65	open	off-season					151
McNary	4/1/66	closed 16h every other night	in-season	flashboard	45/8	x2.67	24 hours	214
McNary	11/1/66	open	off-season					151
McNary	4/1/67	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/1/67	open	off-season					152
McNary	4/1/68	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/1/68	open	off-season					151
McNary	4/1/69	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/1/69	open	off-season					151
McNary	4/1/70	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/1/70	open	off-season					151
McNary	4/1/71	closed	in-season	flashboard	45/16		24 hours	214
McNary	11/1/71	open	off-season					152
McNary	4/1/72	closed 8h	in-season	flashboard	45/16	x1.33	24 hours	91
McNary	7/1/72	open	in-season	flashboard	45/18	x1.33	18 hours	123
McNary	11/1/72	open	off-season					151
McNary	4/1/73	open	in-season	flashboard	45/18	x1.33	18 hours	122
McNary	8/1/73	open	in-season	flashboard	45/16	x1.33	16 hours	92
McNary	11/1/73	open	off-season					151
McNary	4/1/74	open	in-season	flashboard	45/16	x1.33	16 hours	214
McNary	11/1/74	open	off-season					151
McNary	4/1/75	open	in-season	visual	45/16	x1.33	16 hours	214
McNary	11/1/75	open	off-season					152
McNary	4/1/76	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/76	open	off-season					151
McNary	4/1/77	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/77	open	off-season					151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	4/1/78	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/78	open	off-season					121
McNary	3/2/79	open	in-season	visual	50/16	x1.2	16 hours	274
McNary	12/1/79	open	off-season					91
McNary	3/1/80	open	off-season	visual	50/8	x1.2	8 hours	31
McNary	4/1/80	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/80	open	off-season	visual	50/8	x1.2	8 hours	30
McNary	12/1/80	open	off-season					90
McNary	3/1/81	open	off-season	visual	50/8	x1.2	8 hours	31
McNary	4/1/81	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/81	open	off-season	visual	50/8	x1.2	8 hours	29
McNary	11/30/81	open	off-season					91
McNary	3/1/82	open	off-season	visual	50/8	x1.2	8 hours	31
McNary	4/1/82	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/82	open	off-season					151
McNary	4/1/83	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/83	open	off-season					152
McNary	4/1/84	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/84	open	off-season					120
McNary	3/1/85	open	off-season	visual	50/8	x1.2	8 hours	31
McNary	4/1/85	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/85	open	off-season					134
McNary	3/15/86	open	off-season	visual	50/8	x1.2	8 hours	17
McNary	4/1/86	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/86	open	off-season					151
McNary	4/1/87	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/87	open	off-season					152
McNary	4/1/88	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/88	open	off-season					151
McNary	4/1/89	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/89	open	off-season					151
McNary	4/1/90	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/90	open	off-season					151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	4/1/91	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/91	open	off-season	visual	50/8	x1.2	8 hours	45
McNary	12/16/91	open	off-season					107
McNary	4/1/92	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/92	open	off-season					151
McNary	4/1/93	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/93	open	off-season					151
McNary	4/1/94	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/94	open	off-season					151
McNary	4/1/95	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/95	open	off-season					152
McNary	4/1/96	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/96	open	off-season					151
McNary	4/1/97	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/97	open	off-season					151
McNary	4/1/98	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/98	open	off-season					151
McNary	4/1/99	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/99	open	off-season					152
McNary	4/1/00	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/00	open	off-season					151
McNary	4/1/01	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/01	open	off-season					151
McNary	4/1/02	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/02	open	off-season					120
McNary	3/1/03	open	off-season	video	60/16		16 hours	31
McNary	4/1/03	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/03	open	off-season	video	60/16		16 hours	61
McNary	1/1/04	open	off-season					60
McNary	3/1/04	open	off-season	video	60/16		16 hours	31
McNary	4/1/04	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/04	open	off-season	video	60/16		16 hours	61
McNary	1/1/05	open	off-season					59

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	3/1/05	open	off-season	video	60/16		16 hours	31
McNary	4/1/05	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/05	open	off-season	video	60/16		16 hours	61
McNary	1/1/06	open	off-season					59
McNary	3/1/06	open	off-season	video	60/16		16 hours	31
McNary	4/1/06	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/06	open	off-season	video	60/16		16 hours	61
McNary	1/1/07	open	off-season					60
McNary	3/2/07	open	off-season	video	60/16		16 hours	30
McNary	4/1/07	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/07	open	off-season	video	60/16		16 hours	61
McNary	1/1/08	open	off-season					91
McNary	4/1/08	open	in-season	visual	50/16	x1.2	16 hours	214
McNary	11/1/08	open	off-season					151
McNary	4/1/09	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/09	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/09	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/09	open	off-season					151
McNary	4/1/10	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/10	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/10	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/10	open	off-season					151
McNary	4/1/11	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/11	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/11	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/11	open	off-season					121
McNary	3/1/12	open	off-season	video	60/12		12 hours	31
McNary	4/1/12	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/12	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/12	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/12	open	off-season	video	60/16		16 hours	120
McNary	3/1/13	open	off-season					31
McNary	4/1/13	open	in-season	visual	50/16	x1.2	16 hours	91

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
McNary	7/1/13	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/13	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/13	open	off-season					151
McNary	4/1/14	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/14	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/14	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/14	open	off-season					151
McNary	4/1/15	open	in-season	visual	50/16	x1.2	16 hours	91
McNary	7/1/15	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
McNary	10/1/15	open	in-season	visual	50/16	x1.2	16 hours	31
McNary	11/1/15	open	off-season					

**Counting Strategies Record at The Dalles Dam**

night factors A: adult chinook, 1.09; jack chinook, 1.10; steelhead, 1.12; sockeye, 1.08; coho, 1.04; lamprey, 1.3; miscellaneous, 1.23

night factors B: adult chinook, 1.09; jack chinook, 1.08; steelhead, 1.06; sockeye, 1.15; coho, 1.04; lamprey, 1.56; miscellaneous, 1.29

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
The Dalles	3/20/1957	open	off-season	flashboard	45/8		24 hours	8
The Dalles	3/28/1957	open	off-season	flashboard	45/8	x2.67, x night factors A	24 hours	25
The Dalles	4/22/1957	open	in-season	flashboard	45/16	x1.33, x night factors A	24 hours	159
The Dalles	9/28/1957	open	in-season	flashboard	50/16	x1.2, x night factors A	24 hours	22
The Dalles	10/20/1957	open	off-season	flashboard	50/8	x2.4, x night factors A	24 hours	42
The Dalles	12/1/1957	open	off-season					98
The Dalles	3/9/1958	open	off-season	flashboard	50/8	x2.4, x night factors A	24 hours	28
The Dalles	4/6/1958	open	in-season	flashboard	50/16	x1.2, x night factors A	24 hours	196
The Dalles	10/19/1958	open	off-season	flashboard	50/8	x2.4, x night factors A	24 hours	42
The Dalles	11/30/1958	open	off-season					122
The Dalles	4/1/1959	open	in-season	flashboard	50/16	x1.2, x night factors A	24 hours	214
The Dalles	11/1/1959	open	off-season	flashboard	50/8	x2.4, x night factors A	24 hours	28
The Dalles	11/29/1959	open	off-season					128
The Dalles	4/5/1960	open	in-season	flashboard	50/16	x1.2, x night factors B	24 hours	208
The Dalles	10/30/1960	open	off-season	flashboard	50/8	x2.4, x night factors B	24 hours	28
The Dalles	11/27/1960	open	off-season					128
The Dalles	4/4/1961	open	in-season	flashboard	50/16	x1.2, x night factors B	24 hours	208
The Dalles	10/29/1961	open	off-season					154
The Dalles	4/1/1962	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	210
The Dalles	10/28/1962	open	off-season					155
The Dalles	4/1/1963	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	209
The Dalles	10/27/1963	open	off-season					157
The Dalles	4/1/1964	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	207
The Dalles	10/25/1964	open	off-season					154
The Dalles	3/28/1965	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	210
The Dalles	10/24/1965	open	off-season					126
The Dalles	2/27/1966	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	28
The Dalles	3/27/1966	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	210
The Dalles	10/23/1966	open	off-season					161
The Dalles	4/2/1967	closed	off-season	flashboard	50/8		24 hours	21

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
The Dalles	4/23/1967	closed	in-season	flashboard	50/16		24 hours	189
The Dalles	10/29/1967	open	off-season					154
The Dalles	3/31/1968	closed	in-season	flashboard	50/16		24 hours	224
The Dalles	11/10/1968	open	off-season					140
The Dalles	3/30/1969	closed	in-season	flashboard	50/16		24 hours	210
The Dalles	10/26/1969	open	off-season					161
The Dalles	4/5/1970	closed	in-season	flashboard	50/16		24 hours	203
The Dalles	10/25/1970	open	off-season					158
The Dalles	4/1/1971	closed	in-season	flashboard	50/16		24 hours	206
The Dalles	10/24/1971	open	off-season					160
The Dalles	4/1/1972	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	204
The Dalles	10/22/1972	open	off-season					161
The Dalles	4/1/1973	open	in-season	flashboard	50/18	x1.2	18 hours	214
The Dalles	11/1/1973	open	off-season					151
The Dalles	4/1/1974	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1974	open	off-season					151
The Dalles	4/1/1975	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1975	open	off-season					152
The Dalles	4/1/1976	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1976	open	off-season					151
The Dalles	4/1/1977	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1977	open	off-season					151
The Dalles	4/1/1978	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1978	open	off-season					121
The Dalles	3/2/1979	open	in-season	flashboard	50/16	x1.2	16 hours	253
The Dalles	11/10/1979	open	off-season					143
The Dalles	4/1/1980	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1980	open	off-season					151
The Dalles	4/1/1981	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1981	open	off-season					151
The Dalles	4/1/1982	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1982	open	off-season					151
The Dalles	4/1/1983	open	in-season	flashboard	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
The Dalles	11/1/1983	open	off-season					152
The Dalles	4/1/1984	open	in-season	flashboard	50/16	x1.2	16 hours	214
The Dalles	11/1/1984	open	off-season					151
The Dalles	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	223
The Dalles	11/10/1985	open	off-season	visual	50/8	x1.2	8 hours	21
The Dalles	12/1/1985	open	off-season					121
The Dalles	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1986	open	off-season					151
The Dalles	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1987	open	off-season					152
The Dalles	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1988	open	off-season					151
The Dalles	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1989	open	off-season					151
The Dalles	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1990	open	off-season					151
The Dalles	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1991	open	off-season					152
The Dalles	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1992	open	off-season					151
The Dalles	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1993	open	off-season					151
The Dalles	4/1/1994	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1994	open	off-season					151
The Dalles	4/1/1995	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1995	open	off-season					152
The Dalles	4/1/1996	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1996	open	off-season					151
The Dalles	4/1/1997	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1997	open	off-season					151
The Dalles	4/1/1998	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/1998	open	off-season					151
The Dalles	4/1/1999	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
The Dalles	11/1/1999	open	off-season					152
The Dalles	4/1/2000	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2000	open	off-season					151
The Dalles	4/1/2001	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2001	open	off-season					151
The Dalles	4/1/2002	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2002	open	off-season					111
The Dalles	2/20/2003	open	off-season	video	60/16		16 hours	40
The Dalles	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2003	open	off-season	video	60/16		16 hours	45
The Dalles	12/16/2003	open	off-season					66
The Dalles	2/20/2004	open	off-season	video	60/16		16 hours	41
The Dalles	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2004	open	off-season	video	60/16		16 hours	32
The Dalles	12/3/2004	open	off-season					81
The Dalles	2/22/2005	open	off-season	video	60/16		16 hours	38
The Dalles	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2005	open	off-season	video	60/16		16 hours	35
The Dalles	12/6/2005	open	off-season					76
The Dalles	2/20/2006	open	off-season	video	60/16		16 hours	40
The Dalles	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2006	open	off-season	video	60/16		16 hours	34
The Dalles	12/5/2006	open	off-season					77
The Dalles	2/20/2007	open	off-season	video	60/16		16 hours	40
The Dalles	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2007	open	off-season	video	60/16		16 hours	37
The Dalles	12/8/2007	open	off-season					115
The Dalles	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2008	open	off-season					151
The Dalles	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2009	open	off-season					151
The Dalles	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2010	open	off-season					151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
The Dalles	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	214
The Dalles	11/1/2011	open	off-season					121
The Dalles	3/1/2012	open	off-season	video	60/12		12 hours	31
The Dalles	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	91
The Dalles	7/1/2012	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
The Dalles	10/1/2012	open	in-season	visual	50/16	x1.2	16 hours	31
The Dalles	11/1/2012	open	off-season	video	60/16		16 hours	120
The Dalles	3/1/2013	open	off-season					31
The Dalles	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	91
The Dalles	7/1/2013	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
The Dalles	10/1/2013	open	in-season	visual	50/16	x1.2	16 hours	31
The Dalles	11/1/2013	open	off-season					151
The Dalles	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	91
The Dalles	7/1/2014	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
The Dalles	10/1/2014	open	in-season	visual	50/16	x1.2	16 hours	31
The Dalles	11/1/2014	open	off-season					151
The Dalles	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	91
The Dalles	7/1/2015	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
The Dalles	10/1/2015	open	in-season	visual	50/16	x1.2	16 hours	31
The Dalles	11/1/2015	open	off-season					

Counting Strategies Record at Ice Harbor Dam								
Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Ice Harbor	10/4/1962	open	off-season					179
Ice Harbor	4/1/1963	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	214
Ice Harbor	11/1/1963	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	152
Ice Harbor	4/1/1964	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	214
Ice Harbor	11/1/1964	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	147
Ice Harbor	3/28/1965	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	218
Ice Harbor	11/1/1965	closed 16h	off-season	flashboard	50/8	x1.2	24 hours	30
Ice Harbor	12/1/1965	open	off-season					121
Ice Harbor	4/1/1966	closed 8h every other night	in-season	flashboard	50/8	x1.2	24 hours	214
Ice Harbor	11/1/1966	open	off-season					151
Ice Harbor	4/1/1967	closed	in-season	flashboard	50/16		24 hours	214
Ice Harbor	11/1/1967	open	off-season					152
Ice Harbor	4/1/1968	closed	in-season	flashboard	50/16		24 hours	214
Ice Harbor	11/1/1968	closed	off-season	flashboard	50/8		24 hours	151
Ice Harbor	4/1/1969	closed	in-season	flashboard	50/16		24 hours	214
Ice Harbor	11/1/1969	closed	off-season	flashboard	50/8		24 hours	36
Ice Harbor	12/7/1969	open	off-season					115
Ice Harbor	4/1/1970	closed	in-season	flashboard	50/16		24 hours	214
Ice Harbor	11/1/1970	closed	off-season	flashboard	50/8		24 hours	151
Ice Harbor	4/1/1971	closed	in-season	flashboard	50/16		24 hours	214
Ice Harbor	11/1/1971	open	off-season					152
Ice Harbor	4/1/1972	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	91
Ice Harbor	7/1/1972	closed 8h	in-season	flashboard	50/18	x1.2	24 hours	123
Ice Harbor	11/1/1972	open	off-season					151
Ice Harbor	4/1/1973	open	in-season	flashboard	50/18	x1.2	18 hours	122
Ice Harbor	8/1/1973	open	in-season	flashboard	50/16	x1.2	16 hours	92
Ice Harbor	11/1/1973	open	off-season					151
Ice Harbor	4/1/1974	open	in-season	flashboard	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1974	open	off-season					151
Ice Harbor	4/1/1975	open	in-season	flashboard	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1975	open	off-season					152
Ice Harbor	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Ice Harbor	11/1/1976	open	off-season					151
Ice Harbor	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1977	open	off-season					151
Ice Harbor	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	244
Ice Harbor	12/1/1978	open	off-season					98
Ice Harbor	3/9/1979	open	in-season	visual	50/16	x1.2	16 hours	265
Ice Harbor	11/29/1979	open	off-season					93
Ice Harbor	3/1/1980	open	off-season	visual	50/8	x1.2	8 hours	31
Ice Harbor	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1980	open	off-season	visual	50/8	x1.2	8 hours	30
Ice Harbor	12/1/1980	open	off-season					90
Ice Harbor	3/1/1981	open	off-season	visual	50/8	x1.2	8 hours	31
Ice Harbor	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1981	open	off-season	visual	50/8	x1.2	8 hours	30
Ice Harbor	12/1/1981	open	off-season					90
Ice Harbor	3/1/1982	open	off-season	visual	50/8	x1.2	8 hours	31
Ice Harbor	4/1/1982	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1982	open	off-season					151
Ice Harbor	4/1/1983	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1983	open	off-season					152
Ice Harbor	4/1/1984	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1984	open	off-season					120
Ice Harbor	3/1/1985	open	off-season	visual	50/8	x1.2	8 hours	31
Ice Harbor	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1985	open	off-season					134
Ice Harbor	3/15/1986	open	off-season	visual	50/8	x1.2	8 hours	17
Ice Harbor	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1986	open	off-season					151
Ice Harbor	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1987	open	off-season					152
Ice Harbor	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1988	open	off-season					151
Ice Harbor	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Ice Harbor	11/1/1989	open	off-season					151
Ice Harbor	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1990	open	off-season					151
Ice Harbor	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1991	open	off-season					152
Ice Harbor	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/1992	open	off-season					151
Ice Harbor	4/1/1993	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1993	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1993	open	off-season					106
Ice Harbor	4/1/1994	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1994	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1994	open	off-season					106
Ice Harbor	4/1/1995	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1995	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1995	open	off-season					107
Ice Harbor	4/1/1996	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1996	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1996	open	off-season					106
Ice Harbor	4/1/1997	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1997	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1997	open	off-season					106
Ice Harbor	4/1/1998	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1998	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1998	open	off-season					106
Ice Harbor	4/1/1999	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/1999	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/1999	open	off-season					107
Ice Harbor	4/1/2000	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/2000	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/2000	open	off-season					106
Ice Harbor	4/1/2001	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/2001	open	off-season	video	60/24		24 hours	45

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Ice Harbor	12/16/2001	open	off-season					106
Ice Harbor	4/1/2002	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Ice Harbor	11/1/2002	open	off-season	video	60/24		24 hours	45
Ice Harbor	12/16/2002	open	off-season					75
Ice Harbor	3/1/2003	open	off-season	visual	50/10	x1.2	10 hours	31
Ice Harbor	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2003	open	off-season					121
Ice Harbor	3/1/2004	open	off-season	visual	50/10	x1.2	10 hours	31
Ice Harbor	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2004	open	off-season					120
Ice Harbor	3/1/2005	open	off-season	visual	50/10	x1.2	10 hours	31
Ice Harbor	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2005	open	off-season					120
Ice Harbor	3/1/2006	open	off-season	visual	50/10	x1.2	10 hours	31
Ice Harbor	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2006	open	off-season					120
Ice Harbor	3/1/2007	open	off-season	visual	50/10	x1.2	10 hours	31
Ice Harbor	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2007	open	off-season					152
Ice Harbor	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2008	open	off-season					151
Ice Harbor	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2009	open	off-season					151
Ice Harbor	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2010	open	off-season					151
Ice Harbor	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2011	open	off-season					152
Ice Harbor	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2012	open	off-season					120
Ice Harbor	3/1/2013	open	off-season	video	60/16		16 hours	31
Ice Harbor	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2013	open	off-season	video	60/16		16 hours	120
Ice Harbor	3/1/2014	open	off-season					31

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Ice Harbor	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2014	open	off-season					151
Ice Harbor	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	214
Ice Harbor	11/1/2015	open	off-season					

Counting Strategies Record at John Day Dam								
Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
John Day	4/20/1968	closed	in-season	flashboard	50/16		24 hours	204
John Day	11/10/1968	open	off-season					140
John Day	3/30/1969	closed	in-season	flashboard	50/16		24 hours	210
John Day	10/26/1969	open	off-season					161
John Day	4/5/1970	closed	in-season	flashboard	50/16		24 hours	203
John Day	10/25/1970	open	off-season					162
John Day	4/5/1971	closed	in-season	flashboard	50/16		24 hours	202
John Day	10/24/1971	open	off-season					160
John Day	4/1/1972	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	214
John Day	11/1/1972	open	off-season					151
John Day	4/1/1973	open	in-season	flashboard	50/18	x1.2	18 hours	214
John Day	11/1/1973	open	off-season					151
John Day	4/1/1974	open	in-season	flashboard	50/16	x1.2	16 hours	214
John Day	11/1/1974	open	off-season					151
John Day	4/1/1975	open	in-season	flashboard	50/16	x1.2	16 hours	214
John Day	11/1/1975	open	off-season					152
John Day	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1976	open	off-season					151
John Day	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1977	open	off-season					151
John Day	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	244
John Day	12/1/1978	open	off-season					121
John Day	4/1/1979	open	in-season	visual	50/16	x1.2	16 hours	227
John Day	11/14/1979	open	off-season					139
John Day	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1980	open	off-season					151
John Day	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1981	open	off-season					151
John Day	4/1/1982	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1982	open	off-season					151
John Day	4/1/1983	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1983	open	off-season					152

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
John Day	4/1/1984	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1984	open	off-season					151
John Day	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1985	open	off-season	visual	50/8	x1.2	8 hours	30
John Day	12/1/1985	open	off-season					93
John Day	3/4/1986	open	off-season	visual	50/8	x1.2	8 hours	28
John Day	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1986	open	off-season					151
John Day	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1987	open	off-season					152
John Day	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1988	open	off-season					151
John Day	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1989	open	off-season					151
John Day	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1990	open	off-season					151
John Day	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1991	open	off-season					152
John Day	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1992	open	off-season					151
John Day	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1993	open	off-season					151
John Day	4/1/1994	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1994	open	off-season					151
John Day	4/1/1995	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1995	open	off-season					152
John Day	4/1/1996	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1996	open	off-season					151
John Day	4/1/1997	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1997	open	off-season					151
John Day	4/1/1998	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/1998	open	off-season					151
John Day	4/1/1999	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
John Day	11/1/1999	open	off-season					152
John Day	4/1/2000	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2000	open	off-season					151
John Day	4/1/2001	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2001	open	off-season					151
John Day	4/1/2002	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2002	open	off-season					122
John Day	3/3/2003	open	off-season	video	60/16		16 hours	29
John Day	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2003	open	off-season	video	60/16		16 hours	44
John Day	12/15/2003	open	off-season					67
John Day	2/20/2004	open	off-season	video	60/16		16 hours	41
John Day	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2004	open	off-season	video	60/16		16 hours	34
John Day	12/5/2004	open	off-season					79
John Day	2/22/2005	open	off-season	video	60/16		16 hours	38
John Day	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2005	open	off-season	video	60/16		16 hours	35
John Day	12/6/2005	open	off-season					76
John Day	2/20/2006	open	off-season	video	60/16		16 hours	40
John Day	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2006	open	off-season	video	60/16		16 hours	34
John Day	12/5/2006	open	off-season					78
John Day	2/21/2007	open	off-season	video	60/16		16 hours	39
John Day	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2007	open	off-season	video	60/16		16 hours	37
John Day	12/8/2007	open	off-season					115
John Day	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2008	open	off-season					151
John Day	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2009	open	off-season					151
John Day	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2010	open	off-season					151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
John Day	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	214
John Day	11/1/2011	open	off-season					152
John Day	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	91
John Day	7/1/2012	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	92
John Day	10/1/2012	open	in-season	visual	50/16	x1.2	16 hours	31
John Day	11/1/2012	open	off-season					151
John Day	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	91
John Day	7/1/2013	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
John Day	10/1/2013	open	in-season	visual	50/16	x1.2	16 hours	31
John Day	11/1/2013	open	off-season	video	60/16		16 hours	151
John Day	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	91
John Day	7/1/2014	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
John Day	10/1/2014	open	in-season	visual	50/16	x1.2	16 hours	31
John Day	11/1/2014	open	off-season					151
John Day	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	91
John Day	7/1/2015	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	92
John Day	10/1/2015	open	in-season	visual	50/16	x1.2	16 hours	31
John Day	11/1/2015	open	off-season					

**Counting Strategies Record at Lower Monumental Dam**

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Monumental	2/28/1969	closed	off-season	flashboard	50/8		24 hours	32
Lower Monumental	4/1/1969	closed	in-season	flashboard	50/16		24 hours	214
Lower Monumental	11/1/1969	closed	off-season	flashboard	50/8		24 hours	151
Lower Monumental	4/1/1970	closed	in-season	flashboard	50/16		24 hours	214
Lower Monumental	11/1/1970	closed	off-season	flashboard	50/8		24 hours	151
Lower Monumental	4/1/1971	closed	in-season	flashboard	50/16		24 hours	214
Lower Monumental	11/1/1971	open	off-season					152
Lower Monumental	4/1/1972	closed 8h	in-season	flashboard	50/16	x1.2	24 hours	91
Lower Monumental	7/1/1972	closed 8h	in-season	flashboard	50/18	x1.2	24 hours	123
Lower Monumental	11/1/1972	open	off-season					151
Lower Monumental	4/1/1973	open	in-season	visual	50/18	x1.2	18 hours	122
Lower Monumental	8/1/1973	open	in-season	visual	50/16	x1.2	16 hours	92
Lower Monumental	11/1/1973	open	off-season					151
Lower Monumental	4/1/1974	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1974	open	off-season					151
Lower Monumental	4/1/1975	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1975	open	off-season					152
Lower Monumental	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1976	open	off-season					151
Lower Monumental	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1977	open	off-season					151
Lower Monumental	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	244
Lower Monumental	12/1/1978	open	off-season					121
Lower Monumental	4/1/1979	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1979	open	off-season					152
Lower Monumental	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1980	open	off-season					151
Lower Monumental	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1981	open	off-season					151
Lower Monumental	4/1/1982	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1982	open	off-season					151
Lower Monumental	4/1/1983	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Monumental	11/1/1983	open	off-season					152
Lower Monumental	4/1/1984	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1984	open	off-season					151
Lower Monumental	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1985	open	off-season					151
Lower Monumental	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1986	open	off-season					151
Lower Monumental	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1987	open	off-season					152
Lower Monumental	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1988	open	off-season					151
Lower Monumental	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1989	open	off-season					151
Lower Monumental	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1990	open	off-season					151
Lower Monumental	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1991	open	off-season					152
Lower Monumental	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1992	open	off-season					151
Lower Monumental	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1993	open	off-season	visual	50/8	x1.2	8 hours	30
Lower Monumental	12/1/1993	open	off-season					121
Lower Monumental	4/1/1994	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1994	open	off-season					151
Lower Monumental	4/1/1995	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1995	open	off-season					152
Lower Monumental	4/1/1996	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1996	open	off-season					151
Lower Monumental	4/1/1997	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1997	open	off-season					151
Lower Monumental	4/1/1998	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/1998	open	off-season					151
Lower Monumental	4/1/1999	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Monumental	11/1/1999	open	off-season					152
Lower Monumental	4/1/2000	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2000	open	off-season					151
Lower Monumental	4/1/2001	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2001	open	off-season					151
Lower Monumental	4/1/2002	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2002	open	off-season					61
Lower Monumental	1/1/2003	open	off-season	video	60/8		8 hours	90
Lower Monumental	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2003	open	off-season	video	60/8		8 hours	152
Lower Monumental	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2004	open	off-season	video	60/8		8 hours	61
Lower Monumental	1/1/2005	open	off-season					90
Lower Monumental	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2005	open	off-season					151
Lower Monumental	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2006	open	off-season					151
Lower Monumental	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2007	open	off-season					152
Lower Monumental	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2008	open	off-season					151
Lower Monumental	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2009	open	off-season					151
Lower Monumental	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2010	open	off-season					151
Lower Monumental	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2011	open	off-season					152
Lower Monumental	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2012	open	off-season					151
Lower Monumental	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2013	open	off-season					120
Lower Monumental	3/1/2014	open	off-season	video	60/16		16 hours	31
Lower Monumental	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Monumental	11/1/2014	open	off-season	video	60/16		16 hours	120
Lower Monumental	3/1/2015	open	off-season					31
Lower Monumental	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Monumental	11/1/2015	open	off-season					

Counting Strategies Record at Little Goose Dam								
Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Little Goose	11/1/1970	closed	off-season	visual	50/8		24 hours	151
Little Goose	4/1/1971	closed	in-season	visual	50/16		24 hours	214
Little Goose	11/1/1971	closed	off-season	visual	50/8		24 hours	152
Little Goose	4/1/1972	open	in-season	visual	50/16	x1.2	16 hours	75
Little Goose	6/15/1972	open	in-season	visual	50/18	x1.2	18 hours	139
Little Goose	11/1/1972	open	off-season	visual	50/8	x1.2	8 hours	151
Little Goose	4/1/1973	open	in-season	visual	50/18	x1.2	18 hours	122
Little Goose	8/1/1973	open	in-season	visual	50/16	x1.2	16 hours	92
Little Goose	11/1/1973	open	off-season	visual	50/8	x1.2	8 hours	151
Little Goose	4/1/1974	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1974	open	off-season	visual	50/8	x1.2	8 hours	151
Little Goose	4/1/1975	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1975	open	off-season					152
Little Goose	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1976	open	off-season					94
Little Goose	2/3/1977	oos	off-season					32
Little Goose	3/7/1977	open	off-season					25
Little Goose	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1977	open	off-season					98
Little Goose	2/7/1978	oos	off-season					3
Little Goose	2/10/1978	open	off-season					50
Little Goose	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1978	open	off-season					89
Little Goose	1/29/1979	oos	off-season					3
Little Goose	2/1/1979	open	off-season					59
Little Goose	4/1/1979	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1979	open	off-season					90
Little Goose	1/30/1980	oos	off-season					10
Little Goose	2/9/1980	open	off-season					52
Little Goose	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1980	open	off-season					95
Little Goose	2/4/1981	oos	off-season					31

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Little Goose	3/7/1981	open	off-season					25
Little Goose	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1981	open	off-season					3349
Little Goose	1/2/1991	oos	off-season					42
Little Goose	2/13/1991	open	off-season					47
Little Goose	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1991	open	off-season	visual	50/8	x1.2	8 hours	30
Little Goose	12/1/1991	open	off-season					36
Little Goose	1/6/1992	oos	off-season					35
Little Goose	2/10/1992	open	off-season					35
Little Goose	3/16/1992	oos	off-season					10
Little Goose	3/26/1992	open	off-season					6
Little Goose	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1992	open	off-season	visual	50/8	x1.2	8 hours	30
Little Goose	12/1/1992	open	off-season					35
Little Goose	1/5/1993	oos	off-season					24
Little Goose	1/29/1993	open	off-season					62
Little Goose	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1993	open	off-season	visual	50/8	x1.2	8 hours	30
Little Goose	12/1/1993	open	off-season					33
Little Goose	1/3/1994	oos	off-season					60
Little Goose	3/4/1994	open	off-season					28
Little Goose	4/1/1994	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1994	open	off-season	visual	50/8	x1.2	8 hours	30
Little Goose	12/1/1994	open	off-season					33
Little Goose	1/3/1995	oos	off-season					37
Little Goose	2/9/1995	open	off-season					51
Little Goose	4/1/1995	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1995	open	off-season					62
Little Goose	1/2/1996	oos	off-season					51
Little Goose	2/22/1996	open	off-season					39
Little Goose	4/1/1996	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1996	open	off-season					73

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Little Goose	1/13/1997	oos	off-season					31
Little Goose	2/13/1997	open	off-season					47
Little Goose	4/1/1997	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1997	open	off-season					65
Little Goose	1/5/1998	oos	off-season					31
Little Goose	2/5/1998	open	off-season					55
Little Goose	4/1/1998	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1998	open	off-season					64
Little Goose	1/4/1999	oos	off-season					39
Little Goose	2/12/1999	open	off-season					48
Little Goose	4/1/1999	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/1999	open	off-season					63
Little Goose	1/3/2000	oos	off-season					29
Little Goose	2/1/2000	open	off-season					60
Little Goose	4/1/2000	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2000	open	off-season					63
Little Goose	1/3/2001	oos	off-season					36
Little Goose	2/8/2001	open	off-season					52
Little Goose	4/1/2001	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2001	open	off-season					62
Little Goose	1/2/2002	oos	off-season					21
Little Goose	1/23/2002	open	off-season					68
Little Goose	4/1/2002	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2002	open	off-season					67
Little Goose	1/7/2003	oos	off-season					43
Little Goose	2/19/2003	open	off-season					14
Little Goose	3/5/2003	oos	off-season					2
Little Goose	3/7/2003	open	off-season	video	60/8		8 hours	25
Little Goose	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2003	open	off-season	video	60/10		10 hours	61
Little Goose	1/1/2004	open	off-season	video	60/8		8 hours	4
Little Goose	1/5/2004	oos	off-season	video	60/8		8 hours	25
Little Goose	1/30/2004	open	off-season	video	60/8		8 hours	62

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Little Goose	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2004	open	off-season	video	60/10		10 hours	61
Little Goose	1/1/2005	open	off-season					2
Little Goose	1/3/2005	oos	off-season					29
Little Goose	2/1/2005	open	off-season					59
Little Goose	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2005	open	off-season					63
Little Goose	1/3/2006	oos	off-season					23
Little Goose	1/26/2006	open	off-season					65
Little Goose	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2006	open	off-season					63
Little Goose	1/3/2007	oos	off-season					23
Little Goose	1/26/2007	open	off-season					65
Little Goose	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2007	open	off-season					63
Little Goose	1/3/2008	oos	off-season					57
Little Goose	2/29/2008	open	off-season					32
Little Goose	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2008	open	off-season					66
Little Goose	1/6/2009	oos	off-season					30
Little Goose	2/5/2009	open	off-season					55
Little Goose	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2009	open	off-season					65
Little Goose	1/5/2010	oos	off-season					51
Little Goose	2/25/2010	open	off-season					35
Little Goose	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2010	open	off-season					63
Little Goose	1/3/2011	oos	off-season					58
Little Goose	3/2/2011	open	off-season					30
Little Goose	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2011	open	off-season					152
Little Goose	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2012	open	off-season					151

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Little Goose	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2013	open	off-season					151
Little Goose	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2014	open	off-season					151
Little Goose	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	214
Little Goose	11/1/2015	open	off-season					

Strategies Record at Lower Granite Dam								
Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	3/19/1975	open	off-season	visual	50/8	x1.2	8 hours	13
Lower Granite	4/1/1975	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1975	open	off-season	visual	50/8	x1.2	8 hours	152
Lower Granite	4/1/1976	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1976	open	off-season	visual	50/8	x1.2	8 hours	44
Lower Granite	12/15/1976	oos	off-season					17
Lower Granite	1/1/1977	open	off-season	visual	50/8	x1.2	8 hours	90
Lower Granite	4/1/1977	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1977	open	off-season	visual	50/8	x1.2	8 hours	151
Lower Granite	4/1/1978	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1978	open	off-season	visual	50/8	x1.2	8 hours	151
Lower Granite	4/1/1979	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1979	open	off-season	visual	50/8	x1.2	8 hours	44
Lower Granite	12/15/1979	open	off-season					3
Lower Granite	12/18/1979	oos	off-season					45
Lower Granite	2/1/1980	open	off-season					29
Lower Granite	3/1/1980	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1980	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1980	open	off-season	visual	50/8	x1.2	8 hours	30
Lower Granite	12/1/1980	open	off-season					35
Lower Granite	1/5/1981	oos	off-season					55
Lower Granite	3/1/1981	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1981	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1981	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1981	open	off-season					27
Lower Granite	1/12/1982	oos	off-season					16
Lower Granite	1/28/1982	open	off-season					32
Lower Granite	3/1/1982	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1982	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1982	open	off-season	visual	50/8	x1.2	8 hours	44
Lower Granite	12/15/1982	open	off-season					27
Lower Granite	1/11/1983	oos	off-season					15

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	1/26/1983	open	off-season					34
Lower Granite	3/1/1983	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1983	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1983	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1983	open	off-season					21
Lower Granite	1/6/1984	oos	off-season					9
Lower Granite	1/15/1984	open	off-season					46
Lower Granite	3/1/1984	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1984	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1984	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1984	open	off-season					19
Lower Granite	1/4/1985	oos	off-season					20
Lower Granite	1/24/1985	open	off-season					36
Lower Granite	3/1/1985	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1985	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1985	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1985	open	off-season					21
Lower Granite	1/6/1986	oos	off-season					53
Lower Granite	2/28/1986	open	off-season					1
Lower Granite	3/1/1986	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1986	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1986	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1986	open	off-season					20
Lower Granite	1/5/1987	oos	off-season					25
Lower Granite	1/30/1987	open	off-season					30
Lower Granite	3/1/1987	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1987	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1987	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1987	open	off-season					22
Lower Granite	1/7/1988	oos	off-season					22
Lower Granite	1/29/1988	open	off-season					32
Lower Granite	3/1/1988	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1988	open	in-season	visual	50/16	x1.2	16 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	11/1/1988	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1988	open	off-season					18
Lower Granite	1/3/1989	oos	off-season					35
Lower Granite	2/7/1989	open	off-season					22
Lower Granite	3/1/1989	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1989	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1989	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1989	open	off-season					18
Lower Granite	1/3/1990	oos	off-season					20
Lower Granite	1/23/1990	open	off-season					37
Lower Granite	3/1/1990	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1990	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1990	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1990	open	off-season					18
Lower Granite	1/3/1991	oos	off-season					21
Lower Granite	1/24/1991	open	off-season					36
Lower Granite	3/1/1991	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1991	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1991	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1991	open	off-season					21
Lower Granite	1/6/1992	oos	off-season					17
Lower Granite	1/23/1992	open	off-season					38
Lower Granite	3/1/1992	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1992	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1992	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1992	open	off-season					19
Lower Granite	1/4/1993	oos	off-season					32
Lower Granite	2/5/1993	open	off-season					24
Lower Granite	3/1/1993	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1993	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/1993	open	off-season	visual	50/8	x1.2	8 hours	45
Lower Granite	12/16/1993	open	off-season					18
Lower Granite	1/3/1994	oos	off-season					22

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	1/25/1994	open	off-season					35
Lower Granite	3/1/1994	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1994	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/1994	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1994	open	off-season					18
Lower Granite	1/3/1995	oos	off-season					37
Lower Granite	2/9/1995	open	off-season					20
Lower Granite	3/1/1995	open	off-season	visual	50/8	x1.2	8 hours	31
Lower Granite	4/1/1995	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/1995	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1995	open	off-season					17
Lower Granite	1/2/1996	oos	off-season					15
Lower Granite	1/17/1996	open	off-season					44
Lower Granite	3/1/1996	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/1996	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/1996	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1996	open	off-season					22
Lower Granite	1/7/1997	oos	off-season					34
Lower Granite	2/10/1997	open	off-season					19
Lower Granite	3/1/1997	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/1997	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/1997	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1997	open	off-season					20
Lower Granite	1/5/1998	oos	off-season					25
Lower Granite	1/30/1998	open	off-season					30
Lower Granite	3/1/1998	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/1998	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/1998	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1998	open	off-season					19
Lower Granite	1/4/1999	oos	off-season					24
Lower Granite	1/28/1999	open	off-season					32
Lower Granite	3/1/1999	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/1999	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	11/1/1999	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/1999	open	off-season					39
Lower Granite	1/24/2000	oos	off-season					37
Lower Granite	3/1/2000	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2000	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/2000	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/2000	open	off-season					17
Lower Granite	1/2/2001	oos	off-season					37
Lower Granite	2/8/2001	open	off-season					21
Lower Granite	3/1/2001	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2001	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/1/2001	open	off-season	video	60/24		24 hours	45
Lower Granite	12/16/2001	open	off-season					22
Lower Granite	1/7/2002	oos	off-season					36
Lower Granite	2/12/2002	open	off-season					22
Lower Granite	3/6/2002	open	off-season	video	60/8		8 hours	31
Lower Granite	4/6/2002	open	in-season	16 visual, 8 video	50/16, 60/8	x1.2	24 hours	214
Lower Granite	11/6/2002	open	off-season	video	60/24		24 hours	40
Lower Granite	12/16/2002	open	off-season					21
Lower Granite	1/6/2003	oos	off-season					44
Lower Granite	2/19/2003	open	off-season					1
Lower Granite	2/20/2003	oos	off-season					9
Lower Granite	3/1/2003	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2003	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/2003	open	off-season	video	60/8		8 hours	45
Lower Granite	12/16/2003	open	off-season					28
Lower Granite	1/13/2004	oos	off-season					28
Lower Granite	2/10/2004	open	off-season					20
Lower Granite	3/1/2004	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2004	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/2004	open	off-season	video	60/8		8 hours	45
Lower Granite	12/16/2004	open	off-season					18
Lower Granite	1/3/2005	oos	off-season					53

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	2/25/2005	open	off-season					4
Lower Granite	3/1/2005	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2005	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/2005	open	off-season	video	60/8		8 hours	45
Lower Granite	12/16/2005	open	off-season					18
Lower Granite	1/3/2006	oos	off-season					45
Lower Granite	2/17/2006	open	off-season					12
Lower Granite	3/1/2006	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2006	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/2006	open	off-season	video	60/8		8 hours	45
Lower Granite	12/16/2006	open	off-season					19
Lower Granite	1/4/2007	oos	off-season					53
Lower Granite	2/26/2007	open	off-season					3
Lower Granite	3/1/2007	open	off-season	video	60/8		8 hours	31
Lower Granite	4/1/2007	open	in-season	visual	50/16	x1.2	16 hours	214
Lower Granite	11/1/2007	open	off-season	video	60/10		10 hours	62
Lower Granite	1/2/2008	oos	off-season					52
Lower Granite	2/22/2008	open	off-season					8
Lower Granite	3/1/2008	open	off-season	video	60/10		10 hours	31
Lower Granite	4/1/2008	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2008	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	78
Lower Granite	9/1/2008	open	in-season	visual	50/16	x1.2	16 hours	61
Lower Granite	11/1/2008	open	off-season	video	60/9		9 hours	66
Lower Granite	1/6/2009	oos	off-season					54
Lower Granite	3/1/2009	open	off-season	video	60/9		9 hours	31
Lower Granite	4/1/2009	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2009	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2009	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2009	open	off-season	video	60/10		10 hours	64
Lower Granite	1/4/2010	oos	off-season					30
Lower Granite	2/3/2010	open	off-season					26
Lower Granite	3/1/2010	open	off-season	video	60/10		10 hours	31
Lower Granite	4/1/2010	open	in-season	visual	50/16	x1.2	16 hours	75

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	6/15/2010	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2010	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2010	open	off-season	video	60/10		10 hours	64
Lower Granite	1/4/2011	oos	off-season					30
Lower Granite	2/3/2011	open	off-season					26
Lower Granite	3/1/2011	open	off-season	video	60/10		10 hours	31
Lower Granite	4/1/2011	open	in-season	visual	50/16	x1.2	16 hours	99
Lower Granite	7/9/2011	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	84
Lower Granite	10/1/2011	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2011	open	off-season	video	60/10		10 hours	60
Lower Granite	12/31/2011	open	off-season					61
Lower Granite	3/1/2012	open	off-season	video	60/10		10 hours	31
Lower Granite	4/1/2012	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2012	open	in-season	visual, lamprey video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2012	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2012	open	off-season	video	60/16		16 hours	45
Lower Granite	12/16/2012	open	off-season					75
Lower Granite	3/1/2013	open	off-season	video	60/16		16 hours	31
Lower Granite	4/1/2013	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2013	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2013	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2013	open	off-season	video	60/16		16 hours	60
Lower Granite	12/31/2013	open	off-season					60
Lower Granite	3/1/2014	open	off-season	video	60/16		16 hours	31
Lower Granite	4/1/2014	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2014	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2014	open	in-season	visual	50/16	x1.2	16 hours	31
Lower Granite	11/1/2014	open	off-season	video	60/16		16 hours	60
Lower Granite	12/31/2014	open	off-season					64
Lower Granite	3/5/2015	open	off-season	video	60/16		16 hours	31
Lower Granite	4/1/2015	open	in-season	visual	50/16	x1.2	16 hours	75
Lower Granite	6/15/2015	open	in-season	visual, video	50/16, 60/8	x1.2	24 hours	108
Lower Granite	10/1/2015	open	in-season	visual	50/16	x1.2	16 hours	31

Project	Date	Slot	Season	View	Minutes/Hours	Expansion	Coverage	Days
Lower Granite	11/1/2015	open	off-season	video	60/16		16 hours	60
Lower Granite	12/31/2015	open	off-season					