

Smolt Monitoring Program Two Week Passage Index Report

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COMBINED YEARLING CHINOOK

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA (Index)	BO2 (Index)
10/07/2018					0						0
10/08/2018					0						0
10/09/2018					0	0					0
10/10/2018					0						0
10/11/2018					0						0
10/12/2018					0	0					0
10/13/2018					0						0
10/14/2018					0	0					0
10/15/2018					0	0					0
10/16/2018					0	0					0
10/17/2018					0	0					0
10/18/2018					0	0					0
10/19/2018					0	0					0
10/20/2018						0					0
10/21/2018											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	13	9	0	0	0	0	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	23,452	41,212	21,824	12,792	4,639,025	2,838,053	2,045,319	49,702	1,494,206	1,257,455	1,890,717

Number of hours sampled:

- No data available or no sample conducted

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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COMBINED SUBYEARLING CHINOOK

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA (Index)	BO2 (Index)
10/07/2018					374						67
10/08/2018					398						34
10/09/2018					730	48					25
10/10/2018					824						34
10/11/2018					376						136
10/12/2018					290	6					101
10/13/2018					166						33
10/14/2018					226	5					34
10/15/2018					142	13					33
10/16/2018					178	22					37
10/17/2018					127	25					33
10/18/2018					137	75					104
10/19/2018					116	27					101
10/20/2018						15					169
10/21/2018											
Total:	0	0	0	0	4,084	236	0	0	0	0	941
# Days:	0	0	0	0	13	9	0	0	0	0	14
Average:	0	0	0	0	314	26	0	0	0	0	67
YTD:	0	6	89	192	879,946	941,310	508,504	36,289	2,289,265	1,068,593	2,884,933

Number of hours sampled:

- No data available or no sample conducted

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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COMBINED COHO

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA (Index)	BO2 (Index)
10/07/2018					0						0
10/08/2018					0						0
10/09/2018					0	0					0
10/10/2018					0						0
10/11/2018					0						0
10/12/2018					0	0					0
10/13/2018					0						0
10/14/2018					0	0					0
10/15/2018					0	0					0
10/16/2018					0	0					0
10/17/2018					0	0					0
10/18/2018					0	0					0
10/19/2018					0	0					0
10/20/2018						0					0
10/21/2018											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	13	9	0	0	0	0	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	1,224	1,365	262,533	215,275	42,479	44,218	226,511	120,100	477,487

Number of hours sampled:

- No data available or no sample conducted

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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COMBINED STEELHEAD

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA (Index)	BO2 (Index)
10/07/2018					1						0
10/08/2018					0						0
10/09/2018					0	0					0
10/10/2018					0						0
10/11/2018					0						0
10/12/2018					0	0					0
10/13/2018					2						0
10/14/2018					0	0					0
10/15/2018					0	0					0
10/16/2018					0	0					0
10/17/2018					1	0					0
10/18/2018					1	0					0
10/19/2018					0	0					0
10/20/2018						0					0
10/21/2018											
Total:	0	0	0	0	5	0	0	0	0	0	0
# Days:	0	0	0	0	13	9	0	0	0	0	14
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	723	27,446	3,888	5,328	3,924,775	3,004,340	1,942,824	24,918	240,968	681,274	356,557

Number of hours sampled:

- No data available or no sample conducted

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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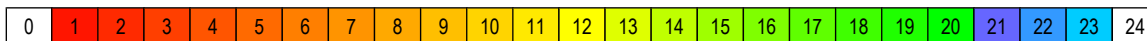
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COMBINED SOCKEYE

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA (Index)	BO2 (Index)
10/07/2018					3						0
10/08/2018					2						0
10/09/2018					1	0					0
10/10/2018					0						0
10/11/2018					4						0
10/12/2018					0	0					0
10/13/2018					0						0
10/14/2018					1	0					0
10/15/2018					0	1					0
10/16/2018					1	3					0
10/17/2018					1	2					0
10/18/2018					0	1					0
10/19/2018					3	2					0
10/20/2018						0					0
10/21/2018											
Total:	0	0	0	0	16	9	0	0	0	0	0
# Days:	0	0	0	0	1	1	0	0	0	0	0
Average:	0	0	0	0	1	1	0	0	0	0	0
YTD:	0	0	4	115	260,656	120,879	58,625	76,238	1,527,709	383,716	741,306

Number of hours sampled:

- No data available or no sample conducted



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COMBINED LAMPREY JUVENILES

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR* (Sample)	LGS (Coll)	LMN (Coll)	RIS (Coll)	MCN (Coll)	JDA (Coll)	BO2 (Coll)
10/07/2018					0						0
10/08/2018					0						0
10/09/2018					0	5					0
10/10/2018					0						0
10/11/2018					0						0
10/12/2018					0	0					0
10/13/2018					0						0
10/14/2018					0	2					0
10/15/2018					0	0					0
10/16/2018					1	0					0
10/17/2018					1	0					0
10/18/2018					0	1					0
10/19/2018					0	0					33
10/20/2018						0					0
10/21/2018											
Total:	0	0	0	0	2	8	0	0	0	0	33
# Days:	0	0	0	0	13	9	0	0	0	0	14
Average:	0	0	0	0	0	1	0	0	0	0	2
YTD:		1	3		563	36,123	56,922	371	226,628	227,728	27,362

- No data available or no sample conducted

- Juvenile lamprey can escape the sample tank at LGR which would lead to unreliable estimates of collection. Therefore, only sample counts are provided in this report.

Number of hours sampled:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Smolt Monitoring Program Sites and Agency Collaborations:

- WTB (Collection) - Salmon River Trap at Whitebird : Collection Counts
- IMN (Collection) - Imnaha River Trap : Collection Counts
- GRN (Collection) - Grande Ronde River Trap : Collection Counts
- LEW (Collection) = Snake River Trap at Lewiston : Collection Counts
- LGR (Index) - Lower Granite Dam Bypass Collection System : Passage Index Counts
- LGS (Index) - Little Goose Bypass Collection System : Passage Index Counts
- LMN (Index) - Lower Monumental Dam Bypass Collection System : Passage Index Counts
- RIS (Index) - Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts
- MCN (Index) - McNary Dam Bypass Collection System : Passage Index Counts
- JDA (Index) - John Day Dam Bypass Collection System : Passage Index Counts
- BO2 (Index) - Bonneville Dam Second Powerhouse Bypass Collection System : Passage Index Counts

- No data available or no sample conducted

Number of hours sampled:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Important Information About this Report:

- For clip information see: <http://www.fpc.org/currentdaily/smpcomments.htm>
- Three classes of fish counts are shown in these tables:
 - Sample counts (Samp) are provided for juvenile lamprey at LGR. See note below for details.
 - Collection counts (Coll), which account for sample rates but are not adjusted for flow;
 - Passage indices (INDEX), which are collection counts divided by the proportion of water passing through the sampled powerhouse.
- Passage indices are not population estimates, but are used to adjust collection counts for daily fluctuations in the site's or project's operations. Equations for passage index are provided below for each site.
 - LGR, LGS, LMN, MCN, JDA (Index) = Lower Granite Dam Bypass Collection System : Passage Index Counts Passage Index = Collection Counts / (Powerhouse Flow / (Powerhouse Flow + Spill))
 - RIS, BO2 (Index) = Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts Passage Index = Collection Counts / (Powerhouse 2 Flow / (Powerhouse 1 & 2 Flow + Spill))
- Combined lamprey juvenile collection counts are provided for all sites. Combined lamprey juveniles is a combination of pacific lamprey ammocoetes, brook lamprey ammocoetes, unknown lamprey ammocoetes, pacific lamprey macrophthalmia, and unidentified lamprey species.
- Most samples occur over a 24-hr period that spans two calendar days. In this report, the date shown corresponds with the sample end date.