

Smolt Monitoring Program Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 1 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	0	0	0	0	0	0	0	0	0

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
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

- No data available or no sample conducted

Smolt Monitoring Program Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 2 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	0	0	0	0	0	0	0	0	0

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
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

- No data available or no sample conducted

Smolt Monitoring Program Two Week Passage Index Report

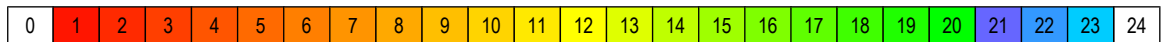
Date 2/18/2019 5:15:22 PM

Page 3 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	0	0	0	0	0	0	0	0	0

Number of hours sampled:



- No data available or no sample conducted

Smolt Monitoring Program Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 4 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	0	0	0	0	0	0	0	0	0

Number of hours sampled:



- No data available or no sample conducted

Smolt Monitoring Program Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 5 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:	0	0	0	0	0	0	0	0	0	0	0

Number of hours sampled:

- No data available or no sample conducted



Smolt Monitoring Program Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 6 of 7

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)
02/04/2019											
02/05/2019											
02/06/2019											
02/07/2019											
02/08/2019											
02/09/2019											
02/10/2019											
02/11/2019											
02/12/2019											
02/13/2019											
02/14/2019											
02/15/2019											
02/16/2019											
02/17/2019											
02/18/2019											
Total:	0	0	0	0	0	0	0	0	0	0	0
# Days:	0	0	0	0	0	0	0	0	0	0	0
Average:	0	0	0	0	0	0	0	0	0	0	0
YTD:											

- 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
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Smolt Monitoring Program

Two Week Passage Index Report

Date 2/18/2019 5:15:22 PM

Page 7 of 7

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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.