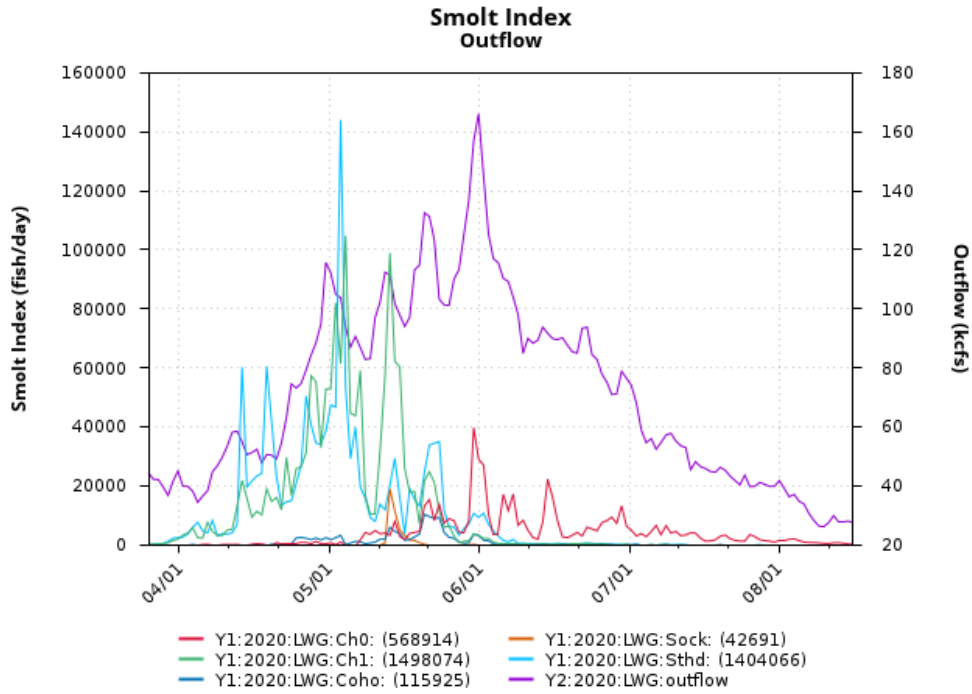


FISH PASSAGE SUMMARY – August 18, 2020

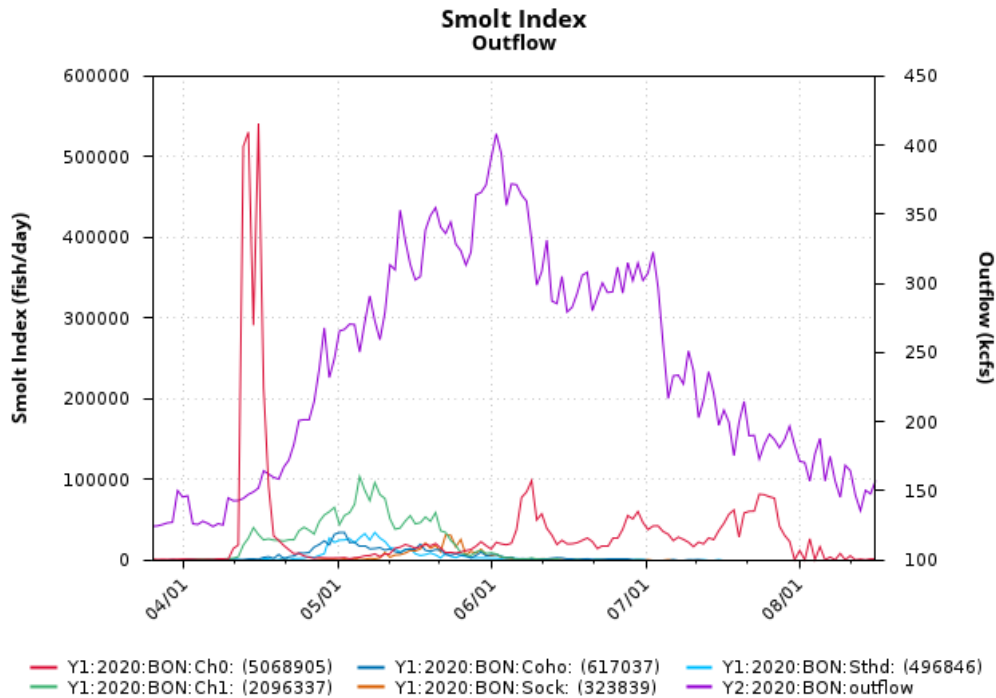
Juveniles- Smolt Index at Lower Granite (Columbia River DART through 8/17/2020)



www.cbr.washington.edu/dart

18 Aug 2020 13:37:17 PDT

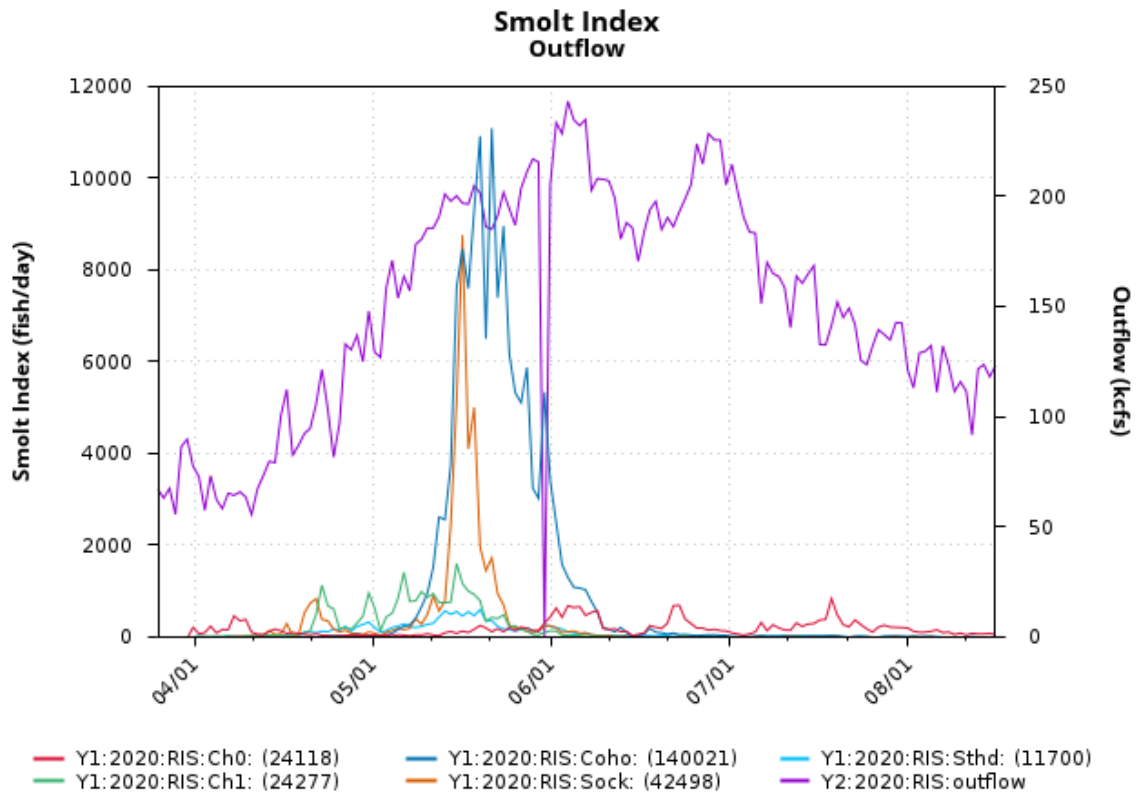
Juveniles- Smolt Index at Bonneville (Columbia River DART through 8/17/2020)



www.cbr.washington.edu/dart

18 Aug 2020 13:37:59 PDT

Juveniles- Smolt Index at Rock Island (Columbia River DART through 8/17/2020)



www.cbr.washington.edu/dart

18 Aug 2020 13:38:58 PDT

Adult Passage –Through 8/17/2020

Columbia River DART 2020 Bonneville Adult Passage Project Summary with 10 Year Averages (2010 - 2019)

04 Aug 2020 15:31:23 PDT Generated from: DART Adult Passage Project Summary

www.cbr.washington.edu/dart/query/adult_proj_sum

Species	Date Range	2020 YTD Passage	2019 YTD Passage	Percent of YTD 2019	2010 - 2019 YTD 10 Year Avg	Percent of YTD 10 Year Avg	2010 - 2019 Total 10 Year Avg
Chinook	Mar - Dec	158,301	114,861	137%	255,331	61%	761,634
Spring Chinook	3/15 - 5/31	55,575	54,656	101%	142,452	39%	142,452
Spring Chinook Forecast Dates	3/15 - 6/15	79,693	71,234	111%	173,169	46%	173,169
Spring/Summer Chinook	3/15 - 7/31	143,757	105,706	135%	239,637	59%	239,637
Summer Chinook	6/1 - 7/31	88,182	51,050	172%	97,185	90%	97,185
Fall Chinook	8/1 - 11/15	14,523	9,154	158%	13,433	108%	521,629
Jack Chinook	Apr - Nov	18,970	17,387	109%	39,568	47%	114,250
Spring Jack Chinook	3/15 - 5/31	5,112	6,728	75%	18,680	27%	18,680
Spring Jack Chinook Forecast Dates	3/15 - 6/15	7,954	9,092	87%	23,921	33%	23,921
Spring/Summer Jack Chinook	3/15 - 7/31	16,828	15,613	107%	37,007	45%	37,007
Summer Jack Chinook	6/1 - 7/31	11,716	8,885	131%	18,326	63%	18,326
Fall Jack Chinook	8/1 - 11/15	2,143	1,774	120%	2,281	93%	77,196
Coho	Jan - Dec	438	132	331%	398	109%	93,315
Jack Coho	Jul - Dec	217	47	461%	74	292%	6,869
Sockeye	May - Aug	341,725	63,021	542%	308,483	110%	308,543
Steelhead	Jan - Dec	60,328	47,710	126%	138,963	43%	233,858
Wild Steelhead	Jan - Dec	29,423	26,889	109%	59,880	49%	85,616
Shad	May - Aug	6,216,597	7,458,344	83%	3,101,107	200%	3,101,736
Lamprey	May - Sep	10,995	18,674	58%	31,946	34%	34,614
Chum	Oct - Dec	0	0	NA	0	NA	126
Pink	Jul - Oct	1	6	0.16	5	0.17	456

**Columbia River DART 2020 Lower Granite Adult Passage Project Summary with 10 Year Averages
(2010 - 2019)**

18 Aug 2020 13:26:25 PDT Generated from: DART Adult Passage Project Summary

www.cbr.washington.edu/dart/query/adult_proj_sum.

Species	Date Range	2020 YTD Passage	2019 YTD Passage	Percent of YTD 2019	2010 - 2019 YTD 10 Year Avg	Percent of YTD 10 Year Avg	2010 - 2019 Total 10 Year Avg
Chinook	Apr - Dec	30,129	23,646	127%	72,891	41%	110,046
Spring Chinook	3/1 - 6/17	23,380	19,155	122%	57,870	40%	57,870
Spring/Summer Chinook	3/1 - 8/17	30,129	23,616	127%	72,828	41%	72,828
Summer Chinook	6/18 - 8/17	6,749	4,461	151%	14,958	45%	14,958
Fall Chinook	8/18 - 12/15	0	30	NA	0	NA	37,217
Jack Chinook	May - Dec	4,657	6,006	77%	14,572	31%	28,399
Spring Jack Chinook	3/1 - 6/17	2,631	3,870	67%	9,460	27%	9,460
Spring/Summer Jack Chinook	3/1 - 8/17	4,657	6,001	77%	14,562	31%	14,562
Summer Jack Chinook	6/18 - 8/17	2,026	2,131	95%	5,102	39%	5,102
Fall Jack Chinook	8/18 - 12/15	0	5	NA	0	NA	13,837
Coho	Sep - Dec	0	0	NA	0	NA	5,142
Jack Coho	Sep - Nov	0	0	NA	0	NA	435
Sockeye	Jul - Aug	601	77	780%	933	64%	955
Steelhead	Mar - Dec	4,934	4,537	108%	13,024	37%	117,994
Wild Steelhead	Mar - Dec	2,900	2,328	124%	5,893	49%	32,936
Shad	Jun - Aug	9,304	16,306	57%	23,518	39%	23,610
Lamprey	Jun - Sep	14	73	19%	75	18%	101

**Columbia River DART 2020 Rock Island Adult Passage Project Summary with 10 Year Averages
(2010 - 2019)**
18 Aug 2020 13:26:38 PDT Generated from: DART Adult Passage Project Summary
www.cbr.washington.edu/dart/query/adult_proj_sum.

Species	Date Range	2020 YTD Passage	2019 YTD Passage	Percent of YTD 2019	2010 - 2019 YTD 10 Year Avg	Percent of YTD 10 Year Avg	2010 - 2019 Total 10 Year Avg
Chinook	Apr - Nov	78,119	49,948	156%	77,051	101%	98,051
Spring Chinook	4/15 - 6/13	7,592	8,788	86%	17,365	43%	17,365
Spring/Summer Chinook	4/15 - 8/13	78,116	49,878	156%	76,796	101%	76,796
Summer Chinook	6/14 - 8/13	70,524	41,090	171%	59,431	118%	59,431
Fall Chinook	8/14 - 11/15	0	70	NA	0	NA	21,125
Jack Chinook	May - Nov	3,393	2,493	136%	6,473	52%	10,540
Spring Jack Chinook	4/15 - 6/13	793	783	101%	2,087	37%	2,087
Spring/Summer Jack Chinook	4/15 - 8/13	3,393	2,488	136%	6,360	53%	6,360
Summer Jack Chinook	6/14 - 8/13	2,600	1,705	152%	4,273	60%	4,273
Fall Jack Chinook	8/14 - 11/15	0	5	NA	0	NA	4,167
Coho	Sep - Nov	1	0	NA	0	NA	13,513
Jack Coho	Sep - Nov	0	0	NA	0	NA	461
Sockeye	Jun - Sep	279,733	58,478	478%	251,142	111%	251,417
Steelhead	Apr - Nov	1,890	1,198	157%	3,511	53%	11,975
Lamprey	May - Nov	1,057	793	133%	1,895	55%	5,454

DAILY DATA REPORTS

- 1) Smolt Monitoring Program Two Week Passage Index Report (Fish Passage Center, through 8/17/2020)
- 2) 2020 Adult Salmon Counts (Fish Passage Center, through 8/17/2020)

Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 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 ¹ (Index)	BO2 (Index)
08/04/2020					0	0	0	0		0	
08/05/2020					0	0	4	0	0		2
08/06/2020					0	0	0	0			
08/07/2020					0	0	5	0	0	0	0
08/08/2020					0	0	0	0			
08/09/2020					0	0	0	0			0
08/10/2020					0	0	0	0			
08/11/2020					0	0	0	0		0	0
08/12/2020					2	0	0	0			
08/13/2020					0	0	0	0	0		0
08/14/2020					0	0	0	0		0	
08/15/2020					0	0	0	0	0		0
08/16/2020					1	1	0	0			0
08/17/2020					0	0	0				0
08/18/2020						0	0	0		0	
Total:	0	0	0	0	3	1	9	0	0	0	2
# Days:	0	0	0	0	14	15	15	14	4	5	8
Average:	0	0	0	0	0	0	1	0	0	0	0
YTD:	25,557	45,752	13,713	3,147	1,498,579	1,139,778	1,579,965	24,280	857,541	58,794	2,096,603

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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Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 PM

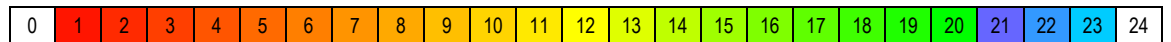
Page 2 of 7

COMBINED SUBYEARLING CHINOOK

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA ¹ (Index)	BO2 (Index)
08/04/2020					1,980	573	742	91		330	
08/05/2020					1,362	648	549	112	2,744		16,369
08/06/2020					862	642	462	143			
08/07/2020					752	404	137	82	1,368	228	3,449
08/08/2020					716	591	85	95			
08/09/2020					604	341	21	41			7,956
08/10/2020					444	503	17	73			
08/11/2020					367	276	82	32		59	5,049
08/12/2020					610	160	36	69			
08/13/2020					655	366	75	54	566		889
08/14/2020					472	583	50	56		213	
08/15/2020					222	338	14	63	393		1,223
08/16/2020					134	261	40	41			1,125
08/17/2020					117	530	88				737
08/18/2020						850	88	22		31	
Total:	0	0	0	0	9,297	7,066	2,486	974	5,071	861	36,797
# Days:	0	0	0	0	14	15	15	14	4	5	8
Average:	0	0	0	0	664	471	166	70	1,268	172	4,600
YTD:	0	0	4	64	557,506	693,630	393,573	24,137	1,766,182	57,066	5,091,236

Number of hours sampled:

- No data available or no sample conducted



Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 PM

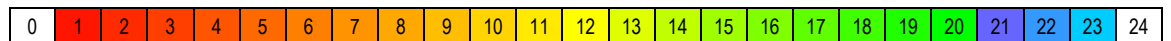
Page 3 of 7

COMBINED COHO

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA ¹ (Index)	BO2 (Index)
08/04/2020					0	3	0	3		0	
08/05/2020					0	1	0	1	0		0
08/06/2020					0	0	0	0			
08/07/2020					0	0	0	0	0	0	0
08/08/2020					0	2	0	0			
08/09/2020					0	2	0	0			0
08/10/2020					0	0	0	0			
08/11/2020					0	0	0	0		0	0
08/12/2020					0	1	0	1			
08/13/2020					0	0	0	0	0		0
08/14/2020					0	0	0	0		0	
08/15/2020					0	2	0	0	0		0
08/16/2020					0	1	0	0			0
08/17/2020					0	0	0				0
08/18/2020						1	0	0		0	
Total:	0	0	0	0	0	13	0	5	0	0	0
# Days:	0	0	0	0	14	15	15	14	4	5	8
Average:	0	0	0	0	0	1	0	0	0	0	0
YTD:	0	0	1,373	196	115,674	121,089	60,499	140,023	98,576	14,068	617,682

Number of hours sampled:

- No data available or no sample conducted



Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 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 ¹ (Index)	BO2 (Index)
08/04/2020					0	0	0	0		0	
08/05/2020					0	0	0	0	0		0
08/06/2020					0	0	0	2			
08/07/2020					0	0	0	0	0	0	0
08/08/2020					0	0	5	0			
08/09/2020					0	2	4	0			0
08/10/2020					0	0	4	0			
08/11/2020					0	0	0	0		0	0
08/12/2020					0	0	0	0			
08/13/2020					0	2	0	0	0		0
08/14/2020					0	0	0	0		0	
08/15/2020					0	0	0	0	0		0
08/16/2020					0	0	0	0			0
08/17/2020					0	0	0				0
08/18/2020						0	0	0		0	
Total:	0	0	0	0	0	4	13	2	0	0	0
# Days:	0	0	0	0	14	15	15	14	4	5	8
Average:	0	0	0	0	0	0	1	0	0	0	0
YTD:	1,741	28,979	1,436	2,269	1,402,940	1,082,750	825,932	11,703	148,497	47,878	496,958

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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Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 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 ¹ (Index)	BO2 (Index)
08/04/2020					0	0	0	0		0	
08/05/2020					0	0	0	1	0		0
08/06/2020					0	0	0	0			
08/07/2020					0	0	0	0	0	0	0
08/08/2020					0	0	0	0			
08/09/2020					0	0	0	0			0
08/10/2020					0	0	0	0			
08/11/2020					0	0	0	0		0	0
08/12/2020					0	0	0	1			
08/13/2020					0	0	0	1	0		0
08/14/2020					0	0	0	0		0	
08/15/2020					0	0	0	0	0		0
08/16/2020					0	0	0	0			0
08/17/2020					0	0	0				0
08/18/2020						0	0	0		0	
Total:	0	0	0	0	0	0	0	3	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:	100	0	0	348	42,695	23,428	27,961	42,497	353,554	4,968	323,836

Number of hours sampled:

- No data available or no sample conducted



Smolt Monitoring Program Two Week Passage Index Report

Date 8/18/2020 12:16:25 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 ¹ (Coll)	BO2 (Coll)
08/04/2020					27	2	4	1		1	
08/05/2020					1	2	2	0	0		4
08/06/2020					12	1	2	0			
08/07/2020					1	1	2	1	16	0	0
08/08/2020					11	4	4	5			
08/09/2020					1	2	0	0			20
08/10/2020					11	0	4	2			
08/11/2020					2	0	6	5		0	20
08/12/2020					15	5	2	2			
08/13/2020					0	5	2	1	36		20
08/14/2020					5	4	2	3		1	
08/15/2020					0	5	1	0	24		0
08/16/2020					9	7	1	1			0
08/17/2020					1	3	0				0
08/18/2020						5	3	1		0	
Total:	0	0	0	0	96	46	35	22	76	2	64
# Days:	0	0	0	0	16	20	20	15	4	5	8
Average:	0	0	0	0	6	2	2	1	19	0	8
YTD:		118	13		7,191	13,395	39,537	130	119,578	1,302	18,268

☐ - 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:



Smolt Monitoring Program

Two Week Passage Index Report

Date 8/18/2020 12:16:25 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
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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.

¹ - Due to concerns over COVID-19, index sampling at JDA has been suspended. Instead, sampling at JDA has been reduced to condition only samples, every-other-day. Condition only samples consist of collecting fish over a short period (~ 6 hours or less) to assess fish condition. Therefore, magnitude and passage timing cannot be assessed at this time. Full index sampling is expected to resume when COVID-19 restrictions have been lifted.

2020 ADULT SALMON COUNTS

Daily Totals for Last 7 days and Year to Date Totals (based on reporting dates since 2000)

[[FPC Home](#)] [[Adult Salmon Home](#)]



FPC RSS Feed for Adult Salmon Dam Counts

MORE HOT LINKS:

GO TO: [Annual Totals](#) or 10 Yr. Avg. vs 2020 and 2019 [Graph](#) or [Table](#) or [Water Flow & Spill](#) or [Current Water Temperature \(January through December\)](#)
[Current vs. Historical Water Temperature \(April through Aug\)](#) [Offline until April](#)
[COE Lamprey Day and Night Count Report](#)

FISHING REPORTS: [Oregon](#) or [Washington](#) or [Idaho](#)

WILLAMETTE FALLS 2)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEY	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	6	2	6	2	n/a	n/a	0	0	0	0	2	0	n/a	n/a	n/a	n/a	n/a	WFA
08/12/2020	10	1	10	1	n/a	n/a	0	0	0	0	3	1	n/a	n/a	n/a	n/a	n/a	WFA
08/13/2020	18	0	18	0	n/a	n/a	0	0	0	0	3	0	n/a	n/a	n/a	n/a	n/a	WFA
08/14/2020	34	5	34	5	n/a	n/a	0	0	0	0	2	0	n/a	n/a	n/a	n/a	n/a	WFA
08/15/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	33848	1118	33848	1118	n/a	n/a	0	0	0	0	10448	5575	n/a	n/a	n/a	n/a	n/a	

BONNEVILLE DAM

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD 6)	SOCKEY	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	344	97	0	0	0	0	344	97	7	4	1104	399	154	6	67	0	0	USACE
08/12/2020	214	57	0	0	0	0	214	57	8	5	629	222	84	6	49	0	0	USACE
08/13/2020	275	111	0	0	0	0	275	111	10	6	605	226	68	4	28	0	0	USACE
08/14/2020	614	157	0	0	0	0	614	157	17	22	663	259	52	5	68	0	0	USACE
08/15/2020	628	104	0	0	0	0	628	104	21	19	428	159	72	6	67	0	0	USACE
08/16/2020	2210	215	0	0	0	0	2210	215	69	41	523	205	134	2	111	0	0	USACE
08/17/2020	6125	680	0	0	0	0	6125	680	154	74	1735	557	119	6	104	0	1	USACE
YTD	158301	18970	55596	5111	88182	11716	14523	2143	438	217	60328	29423	6216597	341725	10995	0	1	

THE DALLES DAM 2) **)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEY	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	234	80	0	0	0	0	234	80	1	1	509	215	n/a	9	56	0	0	USACE
08/12/2020	374	87	0	0	0	0	374	87	3	1	498	212	n/a	5	78	0	0	USACE
08/13/2020	176	67	0	0	0	0	176	67	5	1	339	156	n/a	6	33	0	0	USACE
08/14/2020	237	63	0	0	0	0	237	63	7	1	329	114	n/a	6	40	0	0	USACE
08/15/2020	359	115	0	0	0	0	359	115	4	4	381	146	n/a	4	31	0	0	USACE
08/16/2020	465	117	0	0	0	0	465	117	6	5	521	173	n/a	3	35	0	0	USACE
08/17/2020	957	127	0	0	0	0	957	127	8	7	345	130	n/a	2	31	0	0	USACE
YTD	125209	16193	41765	4251	78202	10036	5242	1906	35	22	29462	15003	n/a	295753	5881	0	0	

JOHN DAY DAM 2)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEY	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	287	57	0	0	0	0	287	57	0	0	167	93	n/a	11	61	0	0	USACE
08/12/2020	245	44	0	0	0	0	245	44	1	1	154	82	n/a	3	22	0	0	USACE
08/13/2020	199	41	0	0	0	0	199	41	3	2	151	62	n/a	4	35	0	0	USACE
08/14/2020	206	32	0	0	0	0	206	32	0	1	110	42	n/a	4	47	0	0	USACE
08/15/2020	95	42	0	0	0	0	95	42	4	2	75	37	n/a	12	18	0	0	USACE
08/16/2020	216	32	0	0	0	0	216	32	7	6	109	46	n/a	8	36	0	0	USACE
08/17/2020	298	78	0	0	0	0	298	78	3	4	155	76	n/a	12	39	0	0	USACE
YTD	112238	13882	39076	4035	70466	9069	2696	778	19	18	14276	8232	n/a	309892	2442	0	0	

MCNARY DAM **)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEY	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	204	60	0	0	0	0	204	60	1	0	122	59	325	53	7	0	0	USACE
08/12/2020	247	99	0	0	0	0	247	99	0	0	152	93	583	37	6	0	0	USACE
08/13/2020	281	74	0	0	0	0	281	74	7	0	178	90	397	38	7	0	0	USACE
08/14/2020	237	92	0	0	0	0	237	92	4	0	118	49	311	28	11	0	0	USACE
08/15/2020	220	81	0	0	0	0	220	81	2	0	153	78	651	38	26	0	0	USACE
08/16/2020	217	66	0	0	0	0	217	66	1	0	167	70	525	16	22	0	0	USACE
08/17/2020	160	77	0	0	0	0	160	77	2	2	129	49	797	15	12	0	0	USACE
YTD	106201	11680	33790	3708	70449	7277	1962	695	17	2	13022	7193	1683431	284788	407	0	0	

ICE HARBOR DAM

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	79	20	0	0	79	20	0	0	0	0	60	25	368	25	3	0	0	USACE
08/12/2020	58	27	0	0	0	0	58	27	0	0	99	42	286	22	5	0	0	USACE
08/13/2020	78	21	0	0	0	0	78	21	0	0	66	26	230	19	1	0	0	USACE
08/14/2020	61	11	0	0	0	0	61	11	5	0	33	14	76	14	0	0	0	USACE
08/15/2020	60	2	0	0	0	0	60	2	0	3	40	16	179	11	2	0	0	USACE
08/16/2020	85	5	0	0	0	0	85	5	5	3	52	26	48	13	-1	0	0	USACE
08/17/2020	97	2	0	0	0	0	97	2	1	2	37	15	95	6	1	0	0	USACE
YTD	30568	3401	23013	1759	7116	1574	439	68	11	8	5618	3117	300449	2251	93	0	0	

LOWER MONUMENTAL DAM 2)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	45	12	0	0	45	12	0	0	0	0	64	34	n/a	20	1	0	0	USACE
08/12/2020	20	9	0	0	20	9	0	0	0	0	70	39	n/a	14	0	0	0	USACE
08/13/2020	68	15	0	0	68	15	0	0	0	0	101	42	n/a	8	0	0	0	USACE
08/14/2020	44	10	0	0	0	0	44	10	0	0	86	34	n/a	15	0	0	0	USACE
08/15/2020	106	15	0	0	0	0	106	15	0	0	129	58	n/a	10	2	0	0	USACE
08/16/2020	46	15	0	0	0	0	46	15	0	0	65	24	n/a	10	2	0	0	USACE
08/17/2020	86	21	0	0	0	0	86	21	0	0	75	29	n/a	8	4	0	0	USACE
YTD	30857	4259	24007	2332	6568	1866	282	61	1	0	5647	3021	n/a	1193	34	0	0	

LITTLE GOOSE DAM 2)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	18	6	0	0	18	6	0	0	0	0	75	49	n/a	9	0	0	0	USACE
08/12/2020	23	6	0	0	23	6	0	0	0	0	37	15	n/a	2	1	0	0	USACE
08/13/2020	59	8	0	0	59	8	0	0	0	0	86	36	n/a	10	2	0	0	USACE
08/14/2020	57	7	0	0	57	7	0	0	0	0	94	45	n/a	12	1	0	0	USACE
08/15/2020	45	12	0	0	45	12	0	0	0	0	77	52	n/a	3	0	0	0	USACE
08/16/2020	98	4	0	0	0	0	98	4	0	0	66	28	n/a	10	1	0	0	USACE
08/17/2020	59	5	0	0	0	0	59	5	0	0	51	27	n/a	6	-1	0	0	USACE
YTD	30831	4475	23336	2665	7338	1801	157	9	0	0	3311	2073	n/a	745	26	0	0	

LOWER GRANITE DAM 3)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD 6)	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	44	16	0	0	44	16	0	0	0	0	115	69	21	11	0	0	0	USACE
08/12/2020	20	6	0	0	20	6	0	0	0	0	74	37	26	13	-1	0	0	USACE
08/13/2020	10	12	0	0	10	12	0	0	0	0	88	56	24	8	0	0	0	USACE
08/14/2020	35	12	0	0	35	12	0	0	0	0	73	42	18	10	1	0	0	USACE
08/15/2020	39	12	0	0	39	12	0	0	0	0	128	72	28	8	0	0	0	USACE
08/16/2020	60	6	0	0	60	6	0	0	0	0	170	89	26	7	0	0	0	USACE
08/17/2020	81	23	0	0	81	23	0	0	0	0	110	52	25	4	4	0	0	USACE
YTD	30129	4657	23380	2631	6749	2026	0	0	0	0	4934	2900	9304	601	14	0	0	

PRIEST RAPIDS DAM 1) 4)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	157	4	0	0	157	4	0	0	0	0	39	n/a	0	122	6	0	0	GCPUD
08/12/2020	175	21	0	0	175	21	0	0	0	0	51	0	0	40	10	0	0	GCPUD
08/13/2020	115	9	0	0	115	9	0	0	0	0	13	0	0	62	7	0	0	GCPUD
08/14/2020	91	4	0	0	0	0	91	4	0	0	26	0	0	26	14	0	0	GCPUD
08/15/2020	135	31	0	0	0	0	135	31	0	0	39	0	0	13	27	0	0	GCPUD
08/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	73190	5089	5625	337	67339	4717	226	35	0	1	1531	0	295	290900	767	0	0	

WANAPUM DAM

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	322	48	0	0	322	48	0	0	0	0	54	n/a	0	92	24	0	0	GCPUD
08/12/2020	186	29	0	0	186	29	0	0	6	1	35	0	0	61	17	0	0	GCPUD
08/13/2020	218	20	0	0	218	20	0	0	0	0	39	0	0	85	24	0	0	GCPUD
08/14/2020	246	108	0	0	0	0	246	108	0	0	66	0	0	13	15	0	0	GCPUD
08/15/2020	139	26	0	0	0	0	139	26	0	0	43	0	0	117	32	0	0	GCPUD
08/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	73256	3778	7500	415	65371	3229	385	134	6	8	1538	0	33	264262	476	0	0	

ROCK ISLAND DAM 2) 4) 7)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	297	13	0	0	297	13	0	0	0	0	42	24	0	73	7	0	0	CHPUD
08/12/2020	212	13	0	0	212	13	0	0	0	0	96	49	0	80	12	0	0	CHPUD
08/13/2020	315	19	0	0	315	19	0	0	0	0	89	30	0	94	7	0	0	CHPUD
08/14/2020	242	17	0	0	242	17	0	0	0	0	48	19	0	53	10	0	0	CHPUD
08/15/2020	202	30	0	0	202	30	0	0	0	0	67	20	0	58	7	0	0	CHPUD
08/16/2020	225	6	0	0	225	6	0	0	0	0	77	37	0	52	8	0	0	CHPUD

08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	78119	3393	7595	793	70524	2600	0	0	1	0	1890	1057	0	279733	145	0	0	

ROCKY REACH DAM 2) 4)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	412	28	0	0	412	28	0	0	0	0	36	19	n/a	118	4	0	0	CHPUD
08/12/2020	192	22	0	0	192	22	0	0	0	0	50	23	n/a	72	2	0	0	CHPUD
08/13/2020	366	11	0	0	366	11	0	0	0	0	76	22	n/a	50	6	0	0	CHPUD
08/14/2020	289	17	0	0	289	17	0	0	0	0	71	37	n/a	67	8	0	0	CHPUD
08/15/2020	208	11	0	0	208	11	0	0	0	0	46	15	n/a	46	2	0	0	CHPUD
08/16/2020	202	6	0	0	202	6	0	0	0	0	54	16	n/a	32	8	0	0	CHPUD
08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	68569	2575	4007	470	64562	2105	0	0	0	0	1237	619	n/a	249007	95	0	0	

WELLS DAM 2) 4)

DATE	CHINOOK ADULT	CHINOOK JACK	SPRING CHINOOK ADULT	SPRING CHINOOK JACK	SUMMER CHINOOK ADULT	SUMMER CHINOOK JACK	FALL CHINOOK ADULT	FALL CHINOOK JACK	COHO ADULT	COHO JACK	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
08/11/2020	288	15	0	0	288	15	0	0	0	0	23	13	n/a	273	0	0	0	DART
08/12/2020	526	22	0	0	526	22	0	0	0	0	48	27	n/a	252	0	0	0	DART
08/13/2020	449	45	0	0	449	45	0	0	0	0	38	21	n/a	226	0	0	0	DART
08/14/2020	226	22	0	0	226	22	0	0	0	0	24	12	n/a	123	0	0	0	DART
08/15/2020	278	17	0	0	278	17	0	0	0	0	33	16	n/a	125	0	0	0	DART
08/16/2020	286	8	0	0	286	8	0	0	0	1	45	23	n/a	125	0	0	0	DART
08/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	54394	2340	5705	553	48689	1787	0	0	0	1	648	366	n/a	225278	2	0	0	

NOTES:

- At Willamette Falls Dam, it takes the staff most of the day to accurately review one day of fish passage on tape when the counts are high. The WFA staff make every attempt to keep the counts as up-to-date as possible. Note: at WFA Monday's are extremely busy, as the staff attempt to catch-up with the weekend counts.
- Grant County has been posting partial days counts on occasion in 2020. Counts that appear low may be corrected in future days posted counts until this gets fixed. Over the spring of 2020, some fish passed Priest Rapids Dam without being counted due to issues with count station crowder panel locking mechanisms. Add citation for memo on our webpage.
 - FPC (Fish Passage Center). 2020. Memo dated June 22, 2020, re: Grant County PUD Fish Counts. Fish Passage Center, Portland OR. Available online at: www.fpc.org/documents/memos/28-20.pdf.
- The Corp of Engineers has stopped shad counting at The Dalles, starting in 2011 on the advice of the Fish Passage Operations and Management (FPOM) committee, made up of NOAA, CRITFC, ODFW, WDFW, IDFW, BPA, and COE biologists.
- 1) Since the year 2006, Priest Rapids Dam and Wanapum Dam jack counts have included mini jacks.
- 2) Shad are not counted at Willamette Falls, The Dalles, John Day, Lower Monumental, Little Goose, Rock Island, Rocky Reach and Wells Dams. **Winter counts at Lower Monumental Dam ended on 2/29/2020. Counts will resume April 1, 2020.**
- 3) Steelhead counts appear higher at Lower Granite Dam because most years a group which migrated into the river system between October and December overwinters below LGR and continues its migration in early March. The fish ladder at Lower Granite will not be in operation until March 4, 2015. The first full day of counting in 2015 will be March 5, 2015.
- 4) As the Army Corp of Engineers no longer collects adult counts from the PUDs, we now get data directly from Chelan, Douglas and Grant Co. PUDs and DART.
- 5) Wild steelhead are a subset of steelhead. Wild steelhead are counted separately from hatchery steelhead at Corps dams on the Columbia and Snake Rivers. Wild steelhead are identified as fish with an intact adipose fin. However, a small number of hatchery fish may not have had their adipose fin removed.
- 6) Shad are typically not counted at any of the Corps dams after August 31 each year and shad are not counted at all Corps dams. An n/a in the shad columns at Bonneville Dam and Lower Granite Dam after August 31st means that the shad are not being counted.
- 7) In 2014, Grant County PUD trapped and transported hundreds of Lamprey above Rock Island Dam. Therefore, the ladder counts of Lamprey at Rock Island under estimate the true numbers of lamprey past the project.
- When the source column on this report reads 'unknown', 'ceftp', or 'TMT', it is because the counts have been gathered via the phone or ftp and are considered preliminary data. When the Corp of Engineers finalizes the counts and posts them on their website the source reads USACE.
- This report includes ALL available adult counts. The information in this report is preliminary.
- In 2012, the U.S. Army Corps of Engineers and NOAA Fisheries are currently developing automated counting systems for Lamprey Passage Structures (LPS) installed at Bonneville Dam. In the interest of publishing accurate counts, LPS counts will not be publicly posted in-season until the automated systems are fully operational.
- The adult counts in this report are based on reporting dates for dams recently established (2000). They are presented in the table below. A report with adult salmon counts based on historical dates (prior to 2000) can be found [here](#).
- The reporting dates table shows that several dams stop counting fish around November 15th each year. After a dam stops counting fish for the season, only the total number of fish are shown on this report.
- These data are updated periodically throughout the day. The FPC data retrieving robot searches the web for updated data every 30 minutes in the AM, and every hour in the PM.
- The last column "Source" shows where the data was imported from: NWACE is imported from the COE's Daily Fish Reports; USACE is from [US Army Corps of Engineers](#) fish count pages; CHPUD is from [Chelan PUD](#); GCPUD is from [Grant PUD](#) and DGPUD is from [Douglas PUD](#) and DART is from the [University of Washington's Data Access in Real Time](#), WFA is imported from [ODFW's Willamette Falls](#) website.
- Wild Steelhead counts are included in the Steelhead count.
- Some of the sites are several days behind in reporting, but is reported by the COE as zero, so where zeros appear across all rows, the data should be considered as "not yet reported".
- Video counts can cause a delay in posting the data to the web, because the staff at the projects have to review the tapes.

Estimated 2019-20 Adult Salmon Dam Count Monitoring Dates

Dam	Video Monitoring Dates		Direct Monitoring Dates
	Day	Night	
Bonneville Dam	November 1 - February 28, 2020 March 1 - March 31, 2020	May 15 - September 30, 2020	April 1 to October 31, 2020
**The Dalles Dam		June 15 - September 30, 2020	April 1 to October 31, 2020
John Day Dam		June 15 - September 30, 2020	April 1 to October 31, 2020
McNary Dam		June 15 - September 30, 2020	April 1 to October 31, 2020
Ice Harbor Dam			16 April 1 to October 31, 2020

Lower Monumental Dam	November 1 - February 28, 2020	April 1 to October 31, 2020
Little Goose Dam		April 1 to October 31, 2020
Lower Granite Dam	November 1 - December 30, 2020 March 1 - March 31, 2020	June 15 - September 30, 2020 April 1 - October 31, 2020
Priest Rapids Dam	April 15 - November 15, 2020 (24 hr)	
Wanapum Dam	April 15 - November 15, 2020 (24 hr)	
Rock Island Dam	April 14 - November 15, 2020 (24 hr)	
Rocky Reach Dam	April 14 - November 15, 2020 (24 hr)	
Wells Dam	May 1 - November 15, 2020 (24 hr)	
Willamette Falls	Count year round (24 hr)	

2019-2020 Columbia and Snake River Fishway Outages

Dam	Dates Fishways are Closed
Bonneville Dam	<ul style="list-style-type: none"> Bradford Island (November 30, 2019:February 27, 2020) WA Shore (No Dewatering winter 2019/20)
The Dalles Dam	<ul style="list-style-type: none"> East Fish Ladder (December 2, 2019: January 30, 2020) North Fish Ladder (February 4, 2020; February 27, 2020)
John Day Dam	<ul style="list-style-type: none"> North Fish ladder (December 2, 2019: January 10, 2020) South Fish ladder (January 14, 2020: February 28, 2020)
McNary Dam	<ul style="list-style-type: none"> Washington Shore (January 1, 2020: January 22, 2020) Oregon Shore (January 23, 2020: February 28, 2020)
Ice Harbor Dam	<ul style="list-style-type: none"> North Shore (February 9, 2020:February 28, 2020) South Shore (January 1, 2020: February 8, 2020)
Lower Monumental Dam	<ul style="list-style-type: none"> North Shore (January 1, 2020: January 31, 2020) South Shore (February 1, 2020: February 28, 2020)
Little Goose Dam	<ul style="list-style-type: none"> January 2, 2020: February 28, 2020
Lower Granite Dam	<ul style="list-style-type: none"> January 1, 2020: February 28, 2020
Priest Rapids Dam	<ul style="list-style-type: none"> Left Bank Fishway: TBD Right Bank Fishway: TBD
Wanapum Dam	<ul style="list-style-type: none"> Right Bank Fishway: TBD Left Bank Fishway: TBD
Rock Island Dam	<ul style="list-style-type: none"> Right Bank Fishway: January 6, 2020 to February 28, 2020. Left Bank Fishway: December 9, 2019 to January 31, 2020. Middle Fishway: February 3, 2020 to February 28, 2020.
Rocky Reach Dam	<ul style="list-style-type: none"> December 16, 2019 to February 28, 2020.
Wells Dam	<ul style="list-style-type: none"> West Ladder: TBD East Ladder: TBD

• Data source: Corp of Engineers, Dewatering Plans and Schedules. Available online at: [COE Fish Passage Plan](#)