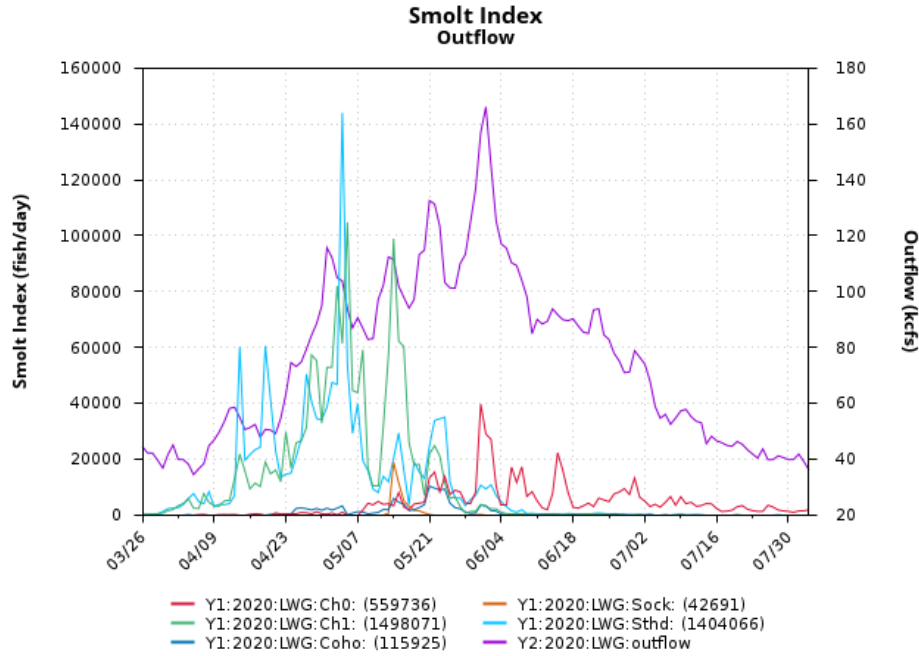


FISH PASSAGE SUMMARY – August 5, 2020

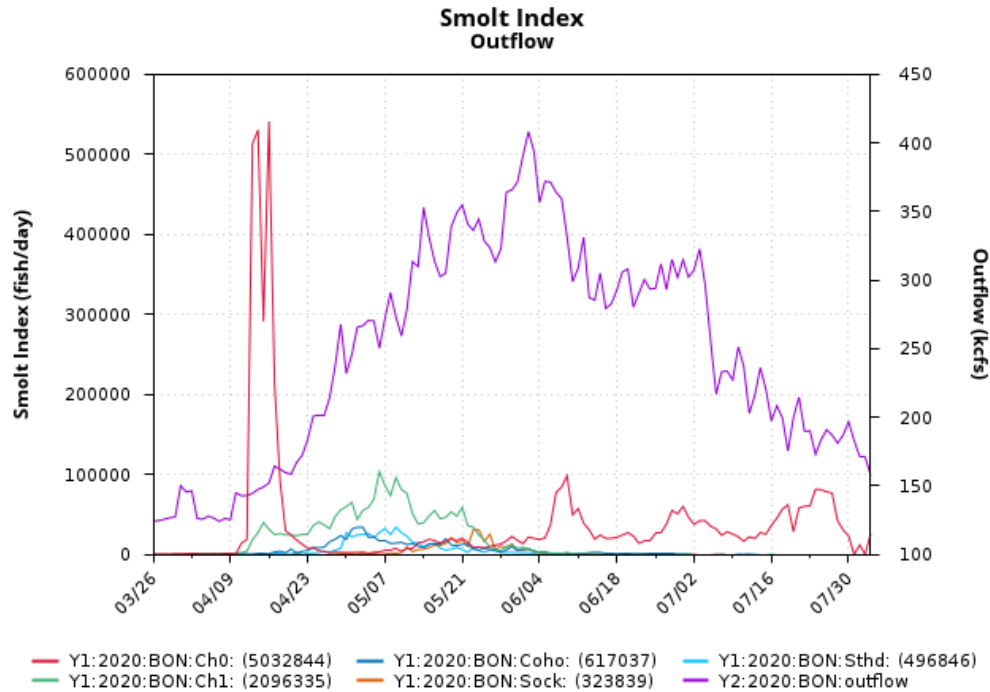
Juveniles- Smolt Index at Lower Granite (Columbia River DART through 8/3/2020)



www.cbr.washington.edu/dart

04 Aug 2020 15:32:52 PDT

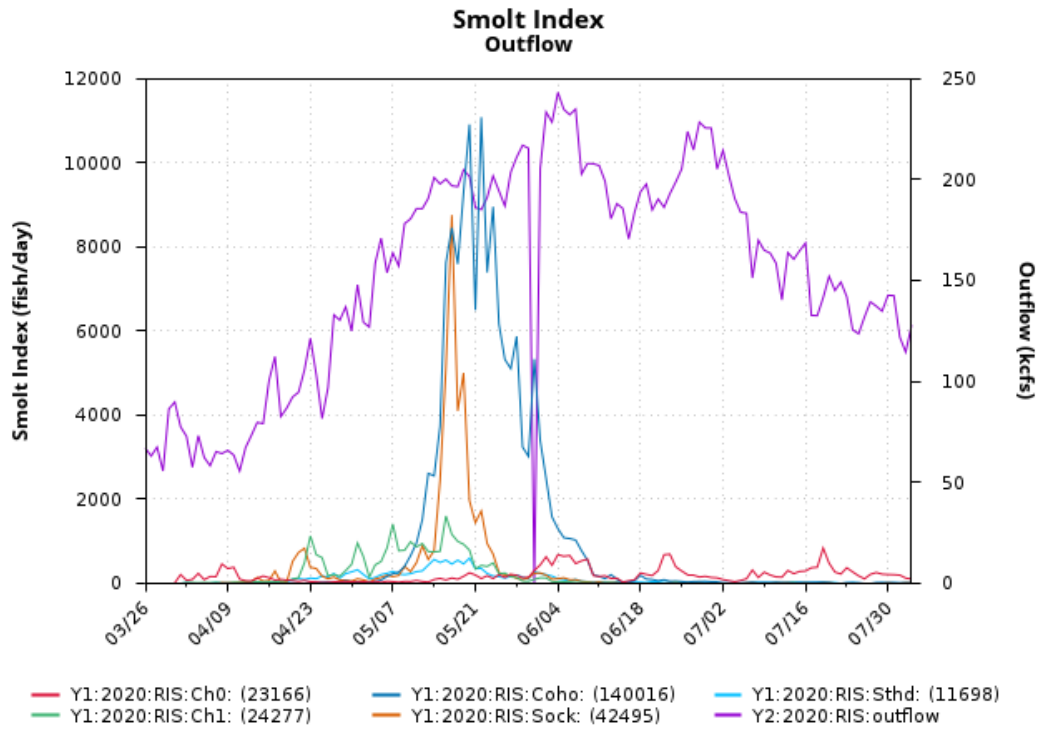
Juveniles- Smolt Index at Bonneville (Columbia River DART through 8/3/2020)



www.cbr.washington.edu/dart

04 Aug 2020 15:33:17 PDT

Juveniles- Smolt Index at Rock Island (Columbia River DART through 8/3/2020)



www.cbr.washington.edu/dart

04 Aug 2020 15:33:41 PDT

Adult Passage –Through 8/3/2020

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	145,101	107,172	135%	241,543	60%	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	1,323	1,465	90%	1,415	93%	521,629
Jack Chinook	Apr - Nov	17,034	15,897	107%	37,429	45%	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	207	284	72%	322	64%	77,196
Coho	Jan - Dec	129	12	1075%	3	3394%	93,315
Jack Coho	Jul - Dec	30	8	375%	3	1000%	6,869
Sockeye	May - Aug	341,583	62,899	543%	308,201	110%	308,543
Steelhead	Jan - Dec	45,201	31,108	145%	91,418	49%	233,858
Wild Steelhead	Jan - Dec	23,494	18,309	128%	43,072	54%	85,616
Shad	May - Aug	6,214,745	7,455,929	83%	3,098,768	200%	3,101,736
Lamprey	May - Sep	10,066	16,176	62%	28,560	35%	34,614
Chum	Oct - Dec	0	0	NA	0	NA	126
Pink	Jul - Oct	0	4	NA	2	NA	456

Lower Granite Adult Passage Project Summary with 10 Year Averages (2010 - 2019) 04 Aug 2020 15:31:39 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	29,532	23,310	126%	72,188	40%	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	29,532	23,310	126%	72,149	40%	72,828
Summer Chinook	6/18 - 8/17	6,152	4,155	148%	14,278	43%	14,958
Fall Chinook	8/18 - 12/15	0	0	NA	0	NA	37,217
Jack Chinook	May - Dec	4,503	5,954	75%	14,419	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	4,503	5,954	75%	14,406	31%	14,562
Summer Jack Chinook	6/18 - 8/17	1,872	2,084	89%	4,946	37%	5,102
Fall Jack Chinook	8/18 - 12/15	0	0	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	429	58	739%	901	47%	955
Steelhead	Mar - Dec	3,577	4,032	88%	10,580	33%	117,994
Wild Steelhead	Mar - Dec	2,142	1,985	107%	4,761	44%	32,936
Shad	Jun - Aug	8,909	15,799	56%	22,652	39%	23,610
Lamprey	Jun - Sep	9	48	18%	53	16%	101

Priest Rapids Adult Passage Project Summary with 10 Year Averages (2010 - 2019) 04 Aug 2020 15:31:51 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	69,915	44,796	156%	72,851	95%	147,926
Spring Chinook	4/15 - 6/13	5,625	8,109	69%	16,975	33%	16,975
Spring/Summer Chinook	4/15 - 8/13	69,915	44,796	156%	72,436	96%	75,950
Summer Chinook	6/14 - 8/13	64,290	36,687	175%	55,461	115%	58,975
Fall Chinook	8/14 - 11/15	0	0	NA	0	NA	71,975
Jack Chinook	May - Nov	4,699	3,459	1.35	4,213	111%	11,546
Spring Jack Chinook	4/15 - 6/13	337	633	53%	1,686	19%	1,686
Spring/Summer Jack Chinook	4/15 - 8/13	4,699	3,459	135%	4,166	112%	4,816
Summer Jack Chinook	6/14 - 8/13	4,362	2,826	154%	2,480	175%	3,130
Fall Jack Chinook	8/14 - 11/15	0	0	NA	0	NA	6,729
Coho	Sep - Nov	0	0	NA	0	NA	9,822
Jack Coho	Sep - Nov	1	1	100%	0	NA	805
Sockeye	Jun - Sep	288,575	45,020	640%	258,760	111%	259,573
Steelhead	Apr - Nov	855	789	108%	2,568	33%	13,471
Lamprey	May - Nov	517	1,246	41%	3,269	15%	7,849

DAILY DATA REPORTS

- 1) Smolt Monitoring Program Two Week Passage Index Report (Fish Passage Center, through 8/3/2020)
- 2) 2020 Adult Salmon Counts (Fish Passage Center, through 8/3/2020)

Smolt Monitoring Program Two Week Passage Index Report

Date 8/4/2020 12:17:04 PM

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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 ¹ (Index)	BO2 (Index)
07/21/2020					0	0	0	0		0	0
07/22/2020					0	0	2	0	0		0
07/23/2020					0	0	0	0		0	0
07/24/2020					0	0	19	0	0		0
07/25/2020					0	0	7	0		0	0
07/26/2020					0	0	7	0	0		0
07/27/2020					0	0	0	0		0	0
07/28/2020					0	0	0	0	0		0
07/29/2020					0	0	9	0		0	0
07/30/2020					0	0	0	0	0		0
07/31/2020					0	0	0	0		0	
08/01/2020					0	0	0	0	0		0
08/02/2020					0	0	0	0			
08/03/2020					0	0	0	0	0		0
08/04/2020						0	0	0		0	
Total:	0	0	0	0	0	0	44	0	0	0	0
# Days:	0	0	0	0	14	15	15	15	7	7	12
Average:	0	0	0	0	0	0	3	0	0	0	0
YTD:	25,557	45,752	13,713	3,147	1,498,576	1,139,777	1,579,956	24,280	857,541	58,794	2,096,601

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

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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 ¹ (Index)	BO2 (Index)
07/21/2020					3,280	4,804	1,549	255		1,752	58,029
07/22/2020					1,979	7,032	4,569	210	36,625		60,231
07/23/2020					1,474	4,085	918	357		1,400	60,417
07/24/2020					1,176	2,217	1,354	259	19,729		81,429
07/25/2020					1,222	1,826	1,323	166		1,349	80,834
07/26/2020					3,404	1,077	1,934	96	11,030		78,265
07/27/2020					2,744	644	1,346	202		851	76,552
07/28/2020					1,704	1,145	3,285	246	6,704		41,827
07/29/2020					1,367	1,228	3,258	207		754	30,484
07/30/2020					1,181	1,036	4,971	198	4,669		23,022
07/31/2020					892	2,416	2,570	194		1,155	
08/01/2020					1,173	2,652	2,047	185	4,734		11,646
08/02/2020					1,168	3,188	2,337	113			
08/03/2020					1,804	1,452	1,036	90	3,092		26,143
08/04/2020						573	742	91		330	
Total:	0	0	0	0	24,568	35,375	33,239	2,869	86,583	7,591	628,879
# Days:	0	0	0	0	14	15	15	15	7	7	12
Average:	0	0	0	0	1,755	2,358	2,216	191	12,369	1,084	52,407
YTD:	0	0	4	64	548,209	687,137	391,829	23,254	1,761,111	56,535	5,054,439

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 8/4/2020 12:17:04 PM

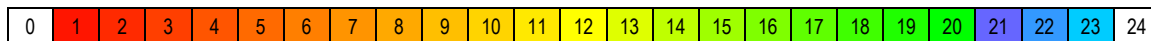
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COMBINED COHO

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA ¹ (Index)	BO2 (Index)
07/21/2020					0	0	0	3		0	0
07/22/2020					0	11	0	3	0		0
07/23/2020					0	0	0	5		0	0
07/24/2020					0	0	0	3	48		0
07/25/2020					0	0	0	2		6	0
07/26/2020					7	0	0	3	0		0
07/27/2020					0	0	0	3		0	0
07/28/2020					0	9	0	5	0		0
07/29/2020					0	0	0	10		0	0
07/30/2020					0	0	0	3	0		0
07/31/2020					0	0	0	7		0	
08/01/2020					0	0	0	0	0		0
08/02/2020					0	0	0	2			
08/03/2020					0	0	0	0	0		0
08/04/2020						3	0	3		0	
Total:	0	0	0	0	7	23	0	52	48	6	0
# Days:	0	0	0	0	14	15	15	15	7	7	12
Average:	0	0	0	0	1	2	0	3	7	1	0
YTD:	0	0	1,373	196	115,674	121,079	60,499	140,021	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

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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 ¹ (Index)	BO2 (Index)
07/21/2020					0	11	0	3		0	0
07/22/2020					0	23	20	0	0		0
07/23/2020					9	0	17	0		0	0
07/24/2020					0	29	0	2	0		0
07/25/2020					0	0	0	0		0	0
07/26/2020					0	0	0	0	0		0
07/27/2020					0	0	0	0		0	0
07/28/2020					19	0	0	0	0		0
07/29/2020					0	0	9	0		0	0
07/30/2020					0	0	0	0	0		0
07/31/2020					0	11	0	0		0	
08/01/2020					0	6	0	0	0		0
08/02/2020					0	0	0	0			
08/03/2020					0	0	0	0	0		0
08/04/2020						0	0	0		0	
Total:	0	0	0	0	28	80	46	5	0	0	0
# Days:	0	0	0	0	14	15	15	15	7	7	12
Average:	0	0	0	0	2	5	3	0	0	0	0
YTD:	1,741	28,979	1,436	2,269	1,402,940	1,082,746	825,919	11,701	148,497	47,878	496,958

Number of hours sampled:

- No data available or no sample conducted



Smolt Monitoring Program Two Week Passage Index Report

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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 ¹ (Index)	BO2 (Index)
07/21/2020					0	0	0	0		0	0
07/22/2020					0	0	0	0	0		0
07/23/2020					0	0	0	0		0	0
07/24/2020					0	0	0	0	0		0
07/25/2020					0	0	0	0		0	0
07/26/2020					0	0	0	0	0		0
07/27/2020					0	0	0	0		0	0
07/28/2020					0	0	0	0	0		0
07/29/2020					0	0	0	0		0	0
07/30/2020					0	0	0	3	0		0
07/31/2020					0	0	0	0		6	
08/01/2020					0	0	0	0	0		0
08/02/2020					0	0	0	2			
08/03/2020					0	0	0	0	0		0
08/04/2020						0	0	0		0	
Total:	0	0	0	0	0	0	0	5	0	6	0
# Days:	0	0	0	0	0	0	0	0	0	1	0
Average:	0	0	0	0	0	0	0	0	0	1	0
YTD:	100	0	0	348	42,695	23,428	27,961	42,494	353,554	4,968	323,836

Number of hours sampled:

- No data available or no sample conducted



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COMBINED LAMPREY JUVENILES

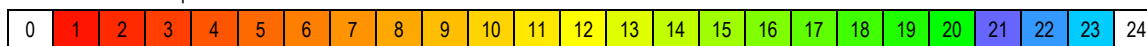
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR* (Sample)	LGS (Coll)	LMN (Coll)	RIS (Coll)	MCN (Coll)	JDA ¹ (Coll)	BO2 (Coll)
07/21/2020					23	0	10	0		0	0
07/22/2020					22	0	0	1	50		0
07/23/2020					19	0	30	4		0	0
07/24/2020					8	0	0	1	80		100
07/25/2020					18	0	0	0		0	0
07/26/2020					16	5	4	0	40		0
07/27/2020					9	5	0	0		0	100
07/28/2020					4	0	72	2	0		0
07/29/2020					6	0	4	0		0	0
07/30/2020					5	0	40	1	40		0
07/31/2020					3	4	30	1		0	
08/01/2020					5	0	16	1	10		50
08/02/2020					16	1	0	1			
08/03/2020					0	0	0	2	10		0
08/04/2020						2	4	1		1	
Total:	0	0	0	0	154	17	210	15	230	1	250
# Days:	0	0	0	0	15	15	19	16	7	7	12
Average:	0	0	0	0	10	1	11	1	33	0	21
YTD:		118	13		7,095	13,351	39,506	109	119,502	1,301	18,204

☐ - 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

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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.

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	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
07/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/29/2020	13	2	13	2	n/a	n/a	0	0	0	0	4	1	n/a	n/a	n/a	n/a	n/a	WFA
07/30/2020	10	3	10	3	n/a	n/a	0	0	0	0	2	0	n/a	n/a	n/a	n/a	n/a	WFA
07/31/2020	11	2	11	2	n/a	n/a	0	0	0	0	2	0	n/a	n/a	n/a	n/a	n/a	WFA
08/01/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/02/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	33598	1087	33598	1087	n/a	n/a	0	0	0	0	10424	5573	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)	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
07/28/2020	715	128	0	0	715	128	0	0	0	0	1828	929	766	170	160	0	0	USACE
07/29/2020	572	91	0	0	572	91	0	0	0	0	2377	1182	650	130	270	0	0	USACE
07/30/2020	487	67	0	0	487	67	0	0	0	0	2187	1024	580	72	143	0	0	USACE
07/31/2020	512	69	0	0	512	69	0	0	0	0	2009	925	441	74	155	0	0	USACE
08/01/2020	445	56	0	0	0	0	445	56	0	0	1657	687	412	54	97	0	0	USACE
08/02/2020	492	99	0	0	0	0	492	99	0	0	1533	649	369	42	136	0	0	USACE
08/03/2020	386	52	0	0	0	0	386	52	0	0	1277	588	212	33	104	0	0	USACE
YTD	145101	17034	55596	5111	88182	11716	1323	207	129	30	45201	23494	6214745	341583	10066	0	0	

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	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
07/28/2020	419	55	0	0	419	55	0	0	0	0	1111	640	n/a	228	124	0	0	USACE

8/4/2020

7 Day and YTD Adult Counts

07/29/2020	451	71	0	0	451	71	0	0	0	0	1007	452	n/a	140	103	0	0	USACE
07/30/2020	507	211	0	0	507	211	0	0	0	0	688	379	n/a	137	96	0	0	USACE
07/31/2020	493	102	0	0	493	102	0	0	0	0	961	543	n/a	79	115	0	0	USACE
08/01/2020	391	84	0	0	391	84	0	0	0	0	908	472	n/a	53	99	0	0	USACE
08/02/2020	418	65	0	0	418	65	0	0	0	1	948	481	n/a	63	78	0	0	USACE
08/03/2020	346	65	0	0	346	65	0	0	0	0	645	334	n/a	29	112	0	0	USACE
YTD	119967	14287	41765	4251	78202	10036	0	0	0	1	22758	12076	n/a	295604	5048	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	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
07/28/2020	264	50	0	0	264	50	0	0	0	0	464	259	n/a	246	91	0	0	USACE
07/29/2020	399	39	0	0	399	39	0	0	0	0	530	296	n/a	262	78	0	0	USACE
07/30/2020	325	68	0	0	325	68	0	0	0	0	446	258	n/a	155	83	0	0	USACE
07/31/2020	341	73	0	0	341	73	0	0	0	0	387	195	n/a	148	73	0	0	USACE
08/01/2020	523	66	0	0	523	66	0	0	0	0	754	397	n/a	107	72	0	0	USACE
08/02/2020	246	38	0	0	246	38	0	0	0	0	381	197	n/a	56	63	0	0	USACE
08/03/2020	277	61	0	0	277	61	0	0	0	0	272	135	n/a	54	48	0	0	USACE
YTD	109062	12646	39076	4035	69986	8611	0	0	2	0	12258	7231	n/a	309692	1834	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	SOCKEYE	LAMPREY	CHUM	PINK	SOURCE
07/28/2020	421	49	0	0	421	49	0	0	0	0	427	223	2974	307	12	0	0	USACE
07/29/2020	382	83	0	0	382	83	0	0	0	0	325	174	1305	277	8	0	0	USACE
07/30/2020	371	85	0	0	371	85	0	0	0	0	480	289	1371	248	17	0	0	USACE
07/31/2020	344	43	0	0	344	43	0	0	0	0	482	254	943	196	9	0	0	USACE
08/01/2020	368	60	0	0	368	60	0	0	0	0	419	234	803	148	4	0	0	USACE
08/02/2020	412	73	0	0	412	73	0	0	0	0	485	282	914	181	8	0	0	USACE
08/03/2020	525	106	0	0	525	106	0	0	0	0	548	301	1240	97	21	0	0	USACE
YTD	102855	10675	33790	3708	69065	6967	0	0	0	0	9856	5681	1674663	284148	232	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
07/28/2020	59	6	0	0	59	6	0	0	0	0	180	100	255	100	2	0	0	USACE
07/29/2020	33	8	0	0	33	8	0	0	0	0	206	107	205	84	3	0	0	USACE
07/30/2020	40	8	0	0	40	8	0	0	0	0	200	85	256	88	3	0	0	USACE
07/31/2020	52	7	0	0	52	7	0	0	0	0	196	92	74	84	3	0	0	USACE
08/01/2020	50	1	0	0	50	1	0	0	0	0	203	120	391	85	0	0	0	USACE
08/02/2020	36	13	0	0	36	13	0	0	0	0	229	119	276	59	3	0	0	USACE
08/03/2020	56	26	0	0	56	26	0	0	0	0	149	81	362	62	3	0	0	USACE
YTD	29720	3250	23013	1759	6707	1491	0	0	0	0	4531	2588	298457	1928	61	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
07/28/2020	36	8	0	0	36	8	0	0	0	0	118	72	n/a	35	0	0	0	USACE

7 Day and YTD Adult Counts

07/29/2020	42	13	0	0	42	13	0	0	0	0	0	137	74	n/a	36	1	0	0	USACE
07/30/2020	22	4	0	0	22	4	0	0	0	0	0	97	60	n/a	37	1	0	0	USACE
07/31/2020	47	9	0	0	47	9	0	0	0	0	0	249	122	n/a	43	0	0	0	USACE
08/01/2020	33	7	0	0	33	7	0	0	0	0	0	245	102	n/a	50	1	0	0	USACE
08/02/2020	55	8	0	0	55	8	0	0	0	0	0	227	97	n/a	37	2	0	0	USACE
08/03/2020	29	4	0	0	29	4	0	0	0	0	0	181	101	n/a	24	2	0	0	USACE
YTD	30176	4104	24007	2332	6169	1772	0	0	1	0	0	4225	2303	n/a	960	15	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
07/28/2020	15	8	0	0	15	8	0	0	0	0	65	37	n/a	29	1	0	0	USACE
07/29/2020	29	1	0	0	29	1	0	0	0	0	80	45	n/a	14	0	0	0	USACE
07/30/2020	34	10	0	0	34	10	0	0	0	0	105	76	n/a	30	0	0	0	USACE
07/31/2020	30	10	0	0	30	10	0	0	0	0	88	56	n/a	9	0	0	0	USACE
08/01/2020	26	6	0	0	26	6	0	0	0	0	37	23	n/a	24	2	0	0	USACE
08/02/2020	68	10	0	0	68	10	0	0	0	0	72	47	n/a	30	0	0	0	USACE
08/03/2020	57	7	0	0	57	7	0	0	0	0	123	65	n/a	32	2	0	0	USACE
YTD	30169	4378	23336	2665	6833	1713	0	0	0	0	2152	1441	n/a	605	19	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
07/28/2020	26	14	0	0	26	14	0	0	0	0	46	31	433	17	0	0	0	USACE
07/29/2020	21	10	0	0	21	10	0	0	0	0	64	51	274	10	0	0	0	USACE
07/30/2020	14	14	0	0	14	14	0	0	0	0	56	36	287	15	1	0	0	USACE
07/31/2020	26	6	0	0	26	6	0	0	0	0	71	52	130	23	0	0	0	USACE
08/01/2020	22	5	0	0	22	5	0	0	0	0	47	37	139	18	1	0	0	USACE
08/02/2020	41	4	0	0	41	4	0	0	0	0	64	48	95	8	2	0	0	USACE
08/03/2020	37	8	0	0	37	8	0	0	0	0	65	45	34	17	0	0	0	USACE
YTD	29532	4503	23380	2631	6152	1872	0	0	0	0	3577	2142	8909	429	9	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
07/28/2020	459	158	0	0	459	158	0	0	0	0	38	n/a	0	784	7	0	0	GCPUD
07/29/2020	723	36	0	0	723	36	0	0	0	0	63	0	0	758	14	0	0	GCPUD
07/30/2020	398	48	0	0	398	48	0	0	0	0	30	0	2	453	19	0	0	GCPUD
07/31/2020	380	41	0	0	380	41	0	0	0	0	22	0	9	513	26	0	0	GCPUD
08/01/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/02/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	69915	4699	5625	337	64290	4362	0	0	0	1	855	0	293	288575	517	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
07/28/2020	658	90	0	0	658	90	0	0	0	0	36	n/a	0	1058	3	0	0	GCPUD

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7 Day and YTD Adult Counts

07/29/2020	580	44	0	0	580	44	0	0	0	0	9	0	0	1456	8	0	0	GCPUD
07/30/2020	816	42	0	0	816	42	0	0	0	0	44	0	0	1063	12	0	0	GCPUD
07/31/2020	506	20	0	0	506	20	0	0	0	0	36	0	0	778	14	0	0	GCPUD
08/01/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/02/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	68804	3260	7500	415	61304	2845	0	0	0	7	780	0	33	260999	189	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
07/28/2020	558	18	0	0	558	18	0	0	0	0	19	15	0	1129	1	0	0	CHPUD
07/29/2020	655	55	0	0	655	55	0	0	0	0	15	13	0	1312	0	0	0	CHPUD
07/30/2020	572	71	0	0	572	71	0	0	0	0	28	14	0	968	1	0	0	CHPUD
07/31/2020	910	100	0	0	910	100	0	0	0	0	64	36	0	1084	1	0	0	CHPUD
08/01/2020	715	48	0	0	715	48	0	0	0	0	64	39	0	765	6	0	0	CHPUD
08/02/2020	486	30	0	0	486	30	0	0	0	0	48	25	0	547	1	0	0	CHPUD
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	73695	3150	7595	793	66100	2357	0	0	0	0	999	628	0	277167	64	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
07/28/2020	739	25	0	0	739	25	0	0	0	0	27	17	n/a	1399	3	0	0	CHPUD
07/29/2020	527	32	0	0	527	32	0	0	0	0	17	9	n/a	956	5	0	0	CHPUD
07/30/2020	664	73	0	0	664	73	0	0	0	0	20	16	n/a	1154	2	0	0	CHPUD
07/31/2020	764	61	0	0	764	61	0	0	0	0	18	8	n/a	1033	1	0	0	CHPUD
08/01/2020	672	70	0	0	672	70	0	0	0	0	19	10	n/a	861	2	0	0	CHPUD
08/02/2020	771	46	0	0	771	46	0	0	0	0	28	14	n/a	663	1	0	0	CHPUD
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	63533	2329	4007	470	59526	1859	0	0	0	0	595	337	n/a	246225	47	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
07/28/2020	514	35	0	0	514	35	0	0	0	0	14	6	n/a	1675	0	0	0	DART
07/29/2020	604	50	0	0	604	50	0	0	0	0	12	8	n/a	1586	0	0	0	DART
07/30/2020	791	46	0	0	791	46	0	0	0	0	19	14	n/a	1434	0	0	0	DART
07/31/2020	835	47	0	0	835	47	0	0	0	0	20	11	n/a	1290	0	0	0	DART
08/01/2020	500	30	0	0	500	30	0	0	0	0	14	11	n/a	1214	1	0	0	DART
08/02/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/03/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YTD	47818	1939	5705	553	42113	1386	0	0	0	0	259	168	n/a	218981	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		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](#)