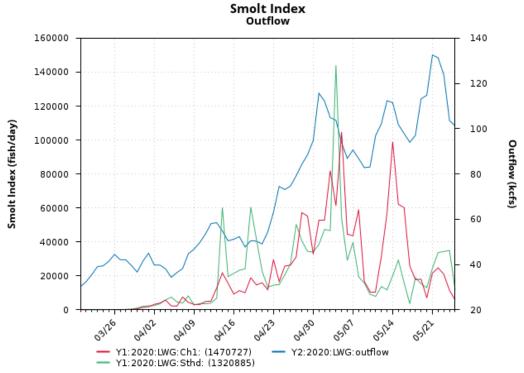
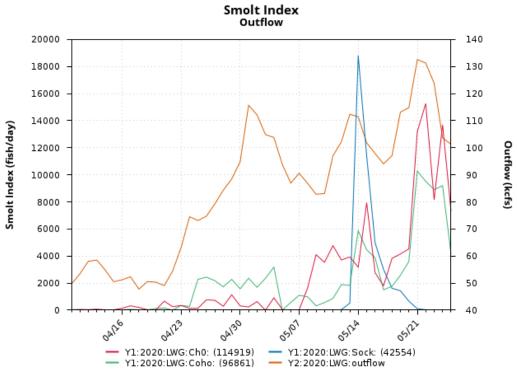
## FISH PASSAGE SUMMARY - May 27, 2020

## Juveniles- Smolt Index at Lower Granite (Columbia River DART through 5/25/2020)



www.cbr.washington.edu/dart

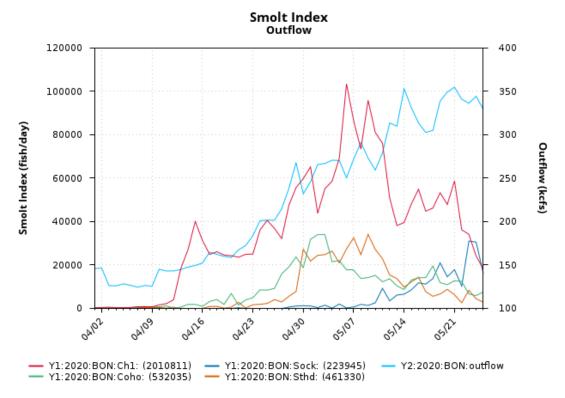
26 May 2020 20:56:20 PDT



www.cbr.washington.edu/dart

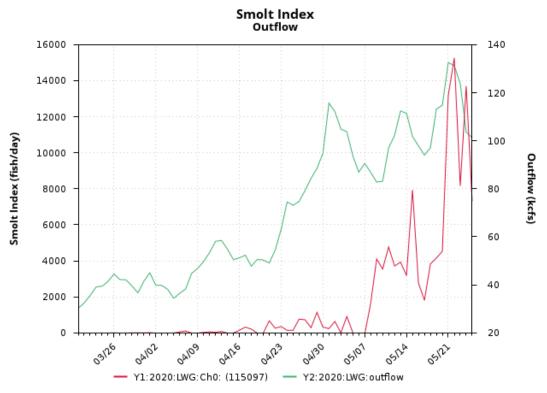
26 May 2020 20:58:13 PDT

## Juveniles- Smolt Index at Bonneville (Columbia River DART through 5/25/2020)



www.cbr.washington.edu/dart

26 May 2020 21:05:16 PDT



www.cbr.washington.edu/dart

26 May 2020 21:07:49 PDT

## Adult Passage - Bonneville through May 25, 2020

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

26 May 2020 18:09:54 PDT Generated from: DART Adult Passage Project Summary www.cbr.washington.edu/dart/query/adult\_proj\_sum.

Species	Expected 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	48,500	51,281	94%	134,357	36%	761,634
Jack Chinook	Apr - Nov	4,239	5,955	71%	16,819	25%	114,250
Sockeye	May - Aug	3	0	NA	12	25%	308,543
Steelhead	Jan - Dec	3,163	2,087	151%	4,716	67%	233,858
Wild Steelhead	Jan - Dec	1,429	1,019	140%	1,617	88%	85,616
Shad	May - Aug	66,261	79,573	83%	56,679	116%	3,101,736
Lamprey	May - Sep	33	45	73%	1,000	3%	34,614

### Adult Passage – Lower Granite through May 25, 2020

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

dart/query/adult\_proj\_sum.26 May 2020 18:10:12 PDT Generated from: DART Adult Passage Project Summary www.cbr.washington.edu/

	Expected Date	2020 YTD	2019 YTD	Percent of YTD	2010 - 2019 YTD 10 Year	Percent of YTD 10 Year	2010 - 2019 Total 10 Year
Species	Range	Passage	Passage	2019	Avg	Avg	Avg
Chinook	Apr - Dec	11,850	9,832	120%	40,447	29%	110,046
Jack Chinook	May - Dec	912	1,006	90%	4,259	21%	28,399
Sockeye	Jul - Aug	0	0	NA	0	NA	955
Steelhead	Mar - Dec	2,165	2,879	75%	7,626	28%	117,994
Wild Steelhead	Mar - Dec	1,138	1,181	96%	3,357	33%	32,936
Shad	Jun - Aug	0	0	NA	1	NA	23,610
Lamprey	Jun - Sep	0	1	NA	0	NA	101

## Adult Passage – Priest Rapids through May 25, 2020

Columbia River DART 2020 Priest Rapids Adult Passage Project Summary with 10 Year Averages (2010 - 2019) 26 May 2020 18:13:49 PDT Generated from: DART Adult Passage Project Summary www.cbr.washington.edu/

dart/query/adult\_proj\_sum.

					2010 -		2010 -
					2019	Percent	2019
	Expected	2020	2019	Percent	YTD 10	of YTD	Total 10
	Date	YTD	YTD	of YTD	Year	10 Year	Year
Species	Range	Passage	Passage	2019	Avg	Avg	Avg
Chinook	Apr - Nov	2,940	4,538	64%	11,937	24%	147,926
Jack Chinook	May - Nov	73	261	27%	845	8%	11,546
Sockeye	Jun - Sep	0	0	NA	2	NA	259,573
Steelhead	Apr - Nov	10	23	43%	51	19%	13,471
Lamprey	May - Nov	1	5	20%	34	2%	7,849

## DAILY DATA REPORTS

- 1) Smolt Monitoring Program Two Week Passage Index Report (Fish Passage Center, through 5/26/2020)
- 2) 2020 Adult Salmon Counts (Fish Passage Center, through 5/25/2020)

Date 5/26/2020 5:16:36 PM Page 1 of 7

05/12/2020 05/13/2020 05/14/2020 05/15/2020 05/16/2020 05/17/2020 05/18/2020 05/19/2020		58 37 24 34 23 34	114 127 65 48 16	76 451 111	31,507 57,106 98,854 62,182	28,837 41,530 35,507 63,807	69,517 68,208 68,234 97,339	934 745 737	43,702	4,709 5,083	50,846 38,075 39,501
05/14/2020 05/15/2020 05/16/2020 05/17/2020 05/18/2020		24 34 23 34	65 48 16		98,854 62,182	35,507	68,234	737	43,702	5,083	
05/15/2020 05/16/2020 05/17/2020 05/18/2020		34 23 34	48 16	111	62,182					5,083	39,501
05/16/2020 05/17/2020 05/18/2020		23 34	16			63,807	07 220				
05/17/2020 05/18/2020		34					91,339	751	53,157		47,983
05/18/2020			20		60,203	92,932	82,423	1,591		5,805	54,818
					25,893	65,770	109,072	1,154	65,986		44,727
05/19/2020		29	12	33	17,797	37,902	81,082	987		2,910	46,147
		25	79	61	18,054	30,506	56,737	918	58,502		53,214
05/20/2020			39		7,056	56,902	55,127	779		3,774	47,806
05/21/2020					21,677	27,836	52,010	332	35,477		58,653
05/22/2020					24,725	32,464	91,480	414		2,921	36,151
05/23/2020					21,019	19,261	63,634	390	15,612		34,021
05/24/2020					11,446	15,996	17,333	474		2,024	24,035
05/25/2020					5,852	12,080	7,153	218	14,209		18,054
05/26/2020					6,422	11,041	6,230	233		830	8,597
Total:	0	264	520	732	469,793	572,371	925,579	10,657	286,645	28,056	602,628
# Days:	0	8	9	5	15	15	15	15	7	8	15
Average:	0	33	58	146	31,320	38,158	61,705	710	40,949	3,507	40,175
YTD:	25,557	45,465	13,671	3,147	1,477,177	1,094,829	1,544,295	23,475	814,853	55,671	2,020,325

Date 5/26/2020 5:16:36 PM Page 2 of 7

	0 0 0 0 0 0	0 0 0 0 1 2 0 0	1 9 6	3,711 3,929 3,178 7,933 2,762 1,807 3,824 4,155 4,527	0 285 1,444 1,808 2,621 1,844 626 2,991 2,484	320 1,226 5,395 11,960 10,550 5,423 11,481 11,413	32 18 79 105 70 116 85 154 240	3,079 4,576 7,135 5,376	0 0 37 75	7,204 14,380 15,781 18,875 17,265 14,383 16,394 19,262 17,303
	0 0 0 0	0 0 1 2	0	3,178 7,933 2,762 1,807 3,824 4,155 4,527	1,444 1,808 2,621 1,844 626 2,991 2,484	5,395 11,960 10,550 5,423 11,481 11,413	79 105 70 116 85 154	4,576 7,135	37 75	15,781 18,875 17,265 14,383 16,394 19,262
	0 0 0	0 0 1 2 0 0	0	7,933 2,762 1,807 3,824 4,155 4,527	1,808 2,621 1,844 626 2,991 2,484	11,960 10,550 5,423 11,481 11,413	105 70 116 85 154	7,135	37 75	18,875 17,265 14,383 16,394 19,262
	0 0 0	0 1 2 0 0		2,762 1,807 3,824 4,155 4,527	2,621 1,844 626 2,991 2,484	10,550 5,423 11,481 11,413	70 116 85 154	7,135	75	17,265 14,383 16,394 19,262
	0	1 2 0 0 0		1,807 3,824 4,155 4,527	1,844 626 2,991 2,484	5,423 11,481 11,413	116 85 154		75	14,383 16,394 19,262
	0	2 0 0 0		3,824 4,155 4,527	626 2,991 2,484	11,481 11,413	85 154			16,394 19,262
		0 0 0		4,155 4,527	2,991 2,484	11,413	154	5,376		19,262
	0	0	4	4,527	2,484			5,376	81	•
		0				12,544	240		81	17,303
				12 105						
				13,185	488	7,206	186	12,340		20,275
				15,265	2,094	8,875	104		319	14,741
				8,160	2,552	7,636	169	26,715		8,935
				13,694	3,635	3,000	103		421	9,351
				7,316	3,088	1,711	195	21,099		8,175
				8,800	3,680	2,818	125		232	9,761
0	0	3	20	102,246	29,640	101,558	1,781	80,320	1,165	212,085
0	8	9	5	15	15	15	15	7	8	15
0	0	0	4	6,816	1,976	6,771	119	11,474	146	14,139
0	0	4	64	123,899	31,965	104,739	5,280	85,767	1,171	2,610,789
			Number of	f hours sampled:						
(	0	0 0	0 0 0	0 0 0 4 0 0 4 64	0 0 4 6,816	0     0     0     4     6,816     1,976       0     0     4     64     123,899     31,965	0     0     0     4     6,816     1,976     6,771       0     0     4     64     123,899     31,965     104,739	0     0     0     4     6,816     1,976     6,771     119       0     0     4     64     123,899     31,965     104,739     5,280	0 0 0 4 6,816 1,976 6,771 119 11,474 0 0 0 4 64 123,899 31,965 104,739 5,280 85,767    Number of hours sampled:	0     0     0     4     6,816     1,976     6,771     119     11,474     146       0     0     4     64     123,899     31,965     104,739     5,280     85,767     1,171

Date 5/26/2020 5:16:36 PM Page 3 of 7

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA¹ (Index)	BO2 (Index)
05/12/2020		0	98	0	1,889	1,210	479	1,504		186	13,558
05/13/2020		0	132	7	1,834	3,710	689	2,604	1,026		10,243
05/14/2020		0	44	3	5,865	3,838	1,904	2,548		133	8,599
05/15/2020		0	41		4,462	6,716	3,322	3,726	2,816		12,963
05/16/2020		0	21		3,866	6,991	2,638	7,622		222	14,027
05/17/2020		0	21		1,505	3,073	3,013	8,456	6,378		14,105
05/18/2020		0	43	0	1,765	2,467	2,870	7,590		300	19,430
05/19/2020		0	100	5	2,579	2,393	3,913	9,294	2,142		11,753
05/20/2020			92		3,595	6,959	2,593	10,914		545	10,810
05/21/2020					10,280	5,863	3,760	6,493	4,010		12,672
05/22/2020					9,516	6,492	5,803	11,086		531	12,284
05/23/2020					8,902	5,337	1,697	7,390	4,596		6,529
05/24/2020					9,198	5,817	2,000	8,953		1,202	5,773
05/25/2020					4,145	7,061	311	6,159	5,813		7,494
05/26/2020					2,497	3,680	1,335	5,319		753	5,934
Total:	0	0	592	15	71,898	71,607	36,327	99,658	26,781	3,872	166,174
# Days:	0	8	9	5	15	15	15	15	7	8	15
Average:	0	0	66	3	4,793	4,774	2,422	6,644	3,826	484	11,078
YTD:	0	0	1,216	196	99,485	91,787	49,892	102,611	73,061	11,897	538,837

Date 5/26/2020 5:16:36 PM Page 4 of 7

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA¹ (Index)	BO2 (Index)
05/12/2020		1,178	44	19	13,763	8,314	13,104	286		2,499	15,254
05/13/2020		1,141	31	131	11,788	12,272	8,771	422	7,622		13,624
05/14/2020		424	32	39	20,161	18,471	14,282	556		1,180	9,686
05/15/2020		321	30		29,296	31,515	24,584	484	5,281		12,056
05/16/2020		288	14		16,017	21,846	7,913	541		1,386	14,241
05/17/2020		105	6		3,613	27,654	9,642	447	10,538		7,609
05/18/2020		553	13	7	18,974	12,374	12,916	538		1,389	5,465
05/19/2020		527	58	43	15,332	6,580	14,021	451	2,520		6,529
05/20/2020			24		13,048	19,876	5,963	586		1,756	8,669
05/21/2020					24,582	9,767	16,292	339	2,776		6,155
05/22/2020					33,759	13,404	18,091	342		2,107	2,457
05/23/2020					34,373	20,419	14,706	221	1,083		8,248
05/24/2020					34,951	16,481	11,333	163		5,592	4,321
05/25/2020					11,705	14,920	16,017	148	4,091		2,725
05/26/2020					5,946	10,121	12,015	117		4,190	5,215
Total:	0	4,537	252	239	287,308	244,014	199,650	5,641	33,911	20,099	122,254
# Days:	0	8	9	5	15	15	15	15	7	8	15
Average:	0	567	28	48	19,154	16,268	13,310	376	4,844	2,512	8,150
YTD:	1,741	27,521	1,417	2,269	1,326,577	1,015,363	775,349	9,633	136,498	41,680	466,666
				Number	of hours sampled:						
- No data available	e or no sample conducted	1		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

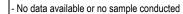
Date 5/26/2020 5:16:36 PM Page 5 of 7

Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR (Index)	LGS (Index)	LMN (Index)	RIS (Index)	MCN (Index)	JDA¹ (Index)	BO2 (Index)
05/12/2020		0	0	5	0	0	0	881		62	3,390
05/13/2020		0	0	278	524	0	0	557	19,841		6,014
05/14/2020		0	0	58	18,817	720	0	771		514	6,421
5/15/2020		0	0		11,403	1,291	664	2,434	28,867		8,416
5/16/2020		0	0		4,971	5,252	3,297	5,136		1,072	11,654
5/17/2020		0	0		3,011	3,097	4,821	8,756	37,515		11,07
5/18/2020		0	0	0	1,618	4,324	3,588	4,091		131	13,66
5/19/2020		0	0	1	1,433	1,196	5,217	4,998	34,984		20,89
5/20/2020			0		666	3,232	2,593	1,956		262	14,48
5/21/2020					112	1,465	2,507	1,433	29,924		17,74
5/22/2020					0	1,257	2,731	1,712		531	10,17
5/23/2020					0	464	1,697	935	19,918		30,92
5/24/2020					0	0	333	685		681	30,48
5/25/2020					0	0	0	245	25,189		16,01
5/26/2020					0	307	148	181		463	25,35
otal:	0	0	0	342	42,555	22,605	27,596	34,771	196,238	3,716	226,69
Days:	0	0	0	68	2,837	1,507	1840	2,318	28,034	465	15,11
verage:	0	0	0	68	2,837	1,507	1,840	2,318	28,034	465	15,11
TD:	100	0	0	348	42,571	22,617	27,630	40,751	313,181	4,220	249,30
				Number o	of hours sampled:						
	le or no sample conducte	Н		0 1	2 3 4	5 6 7	8 9 10 11	12 13 14	15 16 17	18 19 20 21	22 23 2

Date 5/26/2020 5:16:36 PM Page 6 of 7

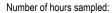
## **COMBINED LAMPREY JUVENILES**

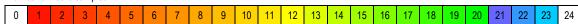
Date	WTB (Coll)	IMN (Coll)	GRN (Coll)	LEW (Coll)	LGR* (Sample)	LGS (Coll)	LMN (Coll)	RIS (Coll)	MCN (Coll)	JDA¹ (Coll)	BO2 (Coll)
05/12/2020		0	0	0	5	250	0	1		0	0
05/13/2020		14	0	0	0	50	0	0	500		0
05/14/2020		0	0	0	4	300	0	0		10	0
05/15/2020		0	0		4	300	0	5	1,400		67
05/16/2020		0	0		12	200	0	4		10	467
05/17/2020		1	0		6	0	0	8	2,100		0
05/18/2020		0	0	0	2	0	0	1		10	0
05/19/2020		1	1	0	2	200	100	3	800		0
05/20/2020			0		8	100	300	4		0	0
05/21/2020					9	0	4,000	5	1,100		100
05/22/2020					18	200	2,200	0		30	100
05/23/2020					191	100	1,000	0	3,500		0
05/24/2020					128	500	200	0		110	10
05/25/2020					50	600	450	0	6,500		100
05/26/2020					39	1,100	2,800	2		350	517
Total:	0	16	1	0	478	3,900	11,050	33	15,900	520	1,361
# Days:	0	8	9	5	28	16	16	17	7	10	16
Average:	0	2	0	0	17	244	691	2	2,271	52	85
YTD:		55	9		1,217	6,016	11,451	53	22,632	590	3,359



- Juvenile lamprey can escape the sample tank at LGR which would lead to

<sup>\*</sup> unreliable estimates of collection. Therefore, only sample counts are provided in this report.





Date 5/26/2020 5:16:36 PM Page 7 of 7

Smolt Minitoring 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

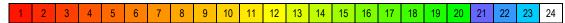
RIS (Index) - Rock Island Dam Second Powerhouse Bypass Trap : Passage Index Counts

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:



#### 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 macropthalmia, 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]



#### **MORE HOT LINKS:**

GO TO: Annual Totals or 10 Yr. Avg. vs 2020 and 2019 <u>Graph or Table or Water Flow & Spill or Current Water Temperature (January through December)</u>
Current vs. Historical Water Temperature (April through Aug) Offline until April

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	СНИМ	PINK	SOURCE
05/19/2020	274	5	274	5	n/a	n/a	0	0	0	0	35	5	n/a	n/a	n/a	n/a	n/a	WFA
05/20/2020	263	18	263	18	n/a	n/a	0	0	0	0	36	3	n/a	n/a	n/a	n/a	n/a	WFA
05/21/2020	249	17	249	17	n/a	n/a	0	0	0	0	24	1	n/a	n/a	n/a	n/a	n/a	WFA
05/22/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/23/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YTD	14796	278	14796	278	n/a	n/a	0	0	0	0	6363	5329	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	СНИМ	PINK	SOURCE
05/19/2020	675	130	675	130	0	0	0	0	0	0	6	3	2923	0	0	0	0	USACE
05/20/2020	520	112	520	112	0	0	0	0	0	0	5	0	4379	0	0	0	0	USACE
05/21/2020	689	113	689	113	0	0	0	0	0	0	10	2	4160	1	7	0	0	USACE
05/22/2020	676	135	676	135	0	0	0	0	0	0	11	8	3621	0	4	0	0	USACE
05/23/2020	1031	190	1031	190	0	0	0	0	0	0	8	4	3885	0	5	0	0	USACE
05/24/2020	1805	266	1805	266	0	0	0	0	0	0	13	8	6709	1	1	0	0	USACE
05/25/2020	750	126	750	126	0	0	0	0	0	0	7	4	5624	1	6	0	0	USACE
YTD	48500	4239	48500	4239	0	0	0	0	129	30	3163	1429	66261	3	33	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	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	СНИМ	PINK	SOURCE
05/19/2020	1157	134	1157	134	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/20/2020	901	156	901	156	0	0	0	0	0	0	1	0	n/a	0	0	0	0	USACE

5/26/2020								7 Day a	nd YTD A	Adult Co	unts							
05/21/2020	485	77	485	77	0	0	0	0	0	0	2	2	n/a	0	0	0	0	USACE
05/22/2020	429	96	429	96	0	0	0	0	0	0	3	0	n/a	0	0	0	0	USACE
05/23/2020	370	73	370	73	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/24/2020	444	109	444	109	0	0	0	0	0	0	2	-1	n/a	0	0	0	0	USACE
05/25/2020	598	106	598	106	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE

## JOHN DAY DAM <sup>2)</sup>

101

n/a 0 0 0 0

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	СНИМ	PINK	SOURCE
05/19/2020	944	155	944	155	0	0	0	0	0	0	0	0	n/a	0	-1	0	0	USACE
05/20/2020	956	132	956	132	0	0	0	0	0	0	-16	-1	n/a	0	0	0	0	USACE
05/21/2020	877	127	877	127	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/22/2020	483	98	483	98	0	0	0	0	0	0	1	1	n/a	0	0	0	0	USACE
05/23/2020	408	79	408	79	0	0	0	0	0	0	1	0	n/a	0	12	0	0	USACE
05/24/2020	262	57	262	57	0	0	0	0	0	0	0	0	n/a	0	3	0	0	USACE
05/25/2020	312	53	312	53	0	0	0	0	0	0	1	1	n/a	0	1	0	0	USACE
YTD	30472	2745	30472	2745	0	0	0	0	0	0	192	172	n/a	0	25	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	СНИМ	PINK	SOURCE
05/19/2020	611	102	611	102	0	0	0	0	0	0	7	3	39	0	0	0	0	USACE
05/20/2020	731	132	731	132	0	0	0	0	0	0	3	1	56	0	0	0	0	USACE
05/21/2020	815	115	815	115	0	0	0	0	0	0	0	0	29	0	0	0	0	USACE
05/22/2020	692	119	692	119	0	0	0	0	0	0	-1	-1	14	0	0	0	0	USACE
05/23/2020	594	116	594	116	0	0	0	0	0	0	1	1	6	0	0	0	0	USACE
05/24/2020	562	99	562	99	0	0	0	0	0	0	0	0	14	0	0	0	0	USACE
05/25/2020	516	118	516	118	0	0	0	0	0	0	0	0	84	0	0	0	0	USACE
YTD	25248	2343	25248	2343	0	0	0	0	0	0	363	235	366	0	-1	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	СНИМ	PINK	SOURCE
05/19/2020	549	46	549	46	0	0	0	0	0	0	0	0	21	0	1	0	0	USACE
05/20/2020	242	31	242	31	0	0	0	0	0	0	0	0	3	0	0	0	0	USACE
05/21/2020	364	48	364	48	0	0	0	0	0	0	1	1	0	0	0	0	0	USACE
05/22/2020	175	21	175	21	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/23/2020	451	55	451	55	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/24/2020	625	74	625	74	0	0	0	0	0	0	1	1	1	0	0	0	0	USACE
05/25/2020	381	40	381	40	0	0	0	0	0	0	0	0	1	0	0	0	0	USACE
YTD	16653	959	16653	959	0	0	0	0	0	0	261	180	32	0	3	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	сним	PINK	SOURCE
05/19/2020	383	62	383	62	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/20/2020	300	40	300	40	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE

YTD

34220

3087

34220

5/26/2020								7 Day an	d YTD A	dult Cou	nts							
05/21/2020	337	42	337	42	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/22/2020	495	79	495	79	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/22/2020	277	FO	277	FO	0	0	0	0	0	0	0	0	-/-	0	0	0	0	LICACE

VTD	45502	1079	45502	1070	Λ.	^	^	Λ .	4	•	020	442	n/o	^	2	^	^	
05/25/2020	463	60	463	60	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/24/2020	396	53	396	53	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/23/2020	377	52	377	52	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/22/2020	495	79	495	79	U	U	U	U	U	U	U	U	n/a	U	U	U	U	USACE

## 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	сним	PINK	SOURCE
05/19/2020	467	70	467	70	0	0	0	0	0	0	1	0	n/a	0	0	0	0	USACE
05/20/2020	533	47	533	47	0	0	0	0	0	0	1	1	n/a	0	0	0	0	USACE
05/21/2020	1013	129	1013	129	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/22/2020	351	43	351	43	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/23/2020	570	65	570	65	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
05/24/2020	460	49	460	49	0	0	0	0	0	0	1	1	n/a	0	0	0	0	USACE
05/25/2020	313	38	313	38	0	0	0	0	0	0	0	0	n/a	0	0	0	0	USACE
YTD	12875	1100	12875	1100	0	0	0	0	0	0	462	323	n/a	0	1	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	СНИМ	PINK	SOURCE
05/19/2020	605	54	605	54	0	0	0	0	0	0	1	1	0	0	0	0	0	USACE
05/20/2020	549	61	549	61	0	0	0	0	0	0	2	2	0	0	0	0	0	USACE
05/21/2020	443	69	443	69	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/22/2020	710	176	710	176	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/23/2020	561	57	561	57	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/24/2020	410	65	410	65	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
05/25/2020	709	71	709	71	0	0	0	0	0	0	0	0	0	0	0	0	0	USACE
YTD	11850	912	11850	912	0	0	0	0	0	0	2165	1138	0	0	0	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	TOTAL STEELHEAD	UNCLIPPED 5) STEELHEAD	SHAD	SOCKEYE	LAMPREY	СНИМ	PINK	SOURCE
05/19/2020	256	7	256	7	0	0	0	0	0	0	0	n/a	0	0	0	0	0	GCPUD
05/20/2020	243	18	243	18	0	0	0	0	0	0	0	0	0	0	0	0	0	GCPUD
05/21/2020	115	12	115	12	0	0	0	0	0	0	0	0	0	0	0	0	0	GCPUD
05/22/2020	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	GCPUD
05/23/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YTD	2940	73	2940	73	0	0	0	0	0	0	10	0	2	0	1	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	сним	PINK	SOURCE
05/19/2020	401	0	401	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	GCPUD
05/20/2020	438	0	438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	GCPUD

## 7 Day and YTD Adult Counts

YTD	4067	34	4067	34	0	0	0	0	0	0	11	0	0	0	1	0	0	
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/23/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/22/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/21/2020	248	7	248	7	0	0	0	0	0	0	0	0	0	0	0	0	0	GCPUD

## 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	СНИМ	PINK	SOURCE
05/19/2020	212	6	212	6	0	0	0	0	0	0	0	0	0	0	0	0	0	CHPUD
05/20/2020	263	9	263	9	0	0	0	0	0	0	1	1	0	0	0	0	0	CHPUD
05/21/2020	313	23	313	23	0	0	0	0	0	0	0	0	0	0	0	0	0	CHPUD
05/22/2020	273	33	273	33	0	0	0	0	0	0	0	0	0	0	0	0	0	CHPUD
05/23/2020	233	44	233	44	0	0	0	0	0	0	0	0	0	0	0	0	0	CHPUD
05/24/2020	178	27	178	27	0	0	0	0	0	0	0	0	0	0	0	0	0	CHPUD
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YTD	4160	197	4160	197	0	0	0	0	0	0	156	90	0	0	0	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	СНИМ	PINK	SOURCE
05/19/2020	98	6	98	6	0	0	0	0	0	0	1	1	n/a	0	0	0	0	CHPUD
05/20/2020	108	3	108	3	0	0	0	0	0	0	0	0	n/a	0	0	0	0	CHPUD
05/21/2020	109	7	109	7	0	0	0	0	0	0	0	0	n/a	0	0	0	0	CHPUD
05/22/2020	187	19	187	19	0	0	0	0	0	0	0	0	n/a	0	0	0	0	CHPUD
05/23/2020	184	16	184	16	0	0	0	0	0	0	1	0	n/a	0	0	0	0	CHPUD
05/24/2020	151	11	151	11	0	0	0	0	0	0	1	0	n/a	0	0	0	0	CHPUD
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YTD	1863	71	1863	71	0	0	0	0	0	0	163	89	n/a	0	0	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	СНИМ	PINK	SOURCE
05/19/2020	119	2	119	2	0	0	0	0	0	0	1	1	n/a	0	0	0	0	DART
05/20/2020	151	0	151	0	0	0	0	0	0	0	2	0	n/a	0	0	0	0	DART
05/21/2020	122	6	122	6	0	0	0	0	0	0	1	1	n/a	0	0	0	0	DART
05/22/2020	76	3	76	3	0	0	0	0	0	0	0	0	n/a	0	0	0	0	DART
05/23/2020	97	4	97	4	0	0	0	0	0	0	0	0	n/a	0	0	0	0	DART
05/24/2020	115	6	115	6	0	0	0	0	0	0	1	0	n/a	0	0	0	0	DART
05/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YTD	1147	25	1147	25	0	0	0	0	0	0	43	25	n/a	0	0	0	0	

## NOTES:

5/26/2020

- 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.
- 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.
- <sup>7)</sup>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 <u>US Army Corps of Engineers</u> fish count pages; CHPUD is from <u>Chelan PUD</u>; GCPUD is from <u>Grant PUD</u> and DGPUD is from <u>Douglas PUD</u> and DART is from the <u>University of Washington's Data Access in Real Time</u>, 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 vet 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**

<u>Dam</u>	Video Monitoring Dates Day	light	<u>Direct Monitoring Dates</u>		
Bonneville Dam	November 1 - February 28, 2020 March 1 - March 31, 2020	June 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		July 1 - 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> <li>Bradford Island (November 30, 2019:February 27, 2020)</li> <li>WA Shore (No Dewatering winter 2019/20)</li> </ul>					
The Dalles Dam	<ul> <li>East Fish Ladder (December 2, 2019: January 30, 2020)</li> <li>North Fish Ladder (February 4, 2020; February 27, 2020)</li> </ul>					
John Day Dam	<ul> <li>North Fish ladder (December 2, 2019: January 10, 2020)</li> <li>South Fish ladder (January 14, 2020: February 28, 2020)</li> </ul>					
McNary Dam	<ul><li>Washington Shore (January 1, 2020: January 22, 2020)</li><li>Oregon Shore (January 23, 2020: February 28, 2020)</li></ul>					
Ice Harbor Dam	<ul><li>North Shore (February 9, 2020:February 28, 2020)</li><li>South Shore (January 1, 2020: February 8, 2020)</li></ul>					
Lower Monumental Dam	<ul> <li>North Shore (January 1, 2020: January 31, 2020)</li> <li>South Shore (February 1, 2020: February 28, 2020)</li> </ul>					
Little Goose Dam	<ul> <li>January 2, 2020: February 28, 2020</li> </ul>					
Lower Granite Dam	<ul> <li>January 1, 2020: February 28, 2020</li> </ul>					
Priest Rapids Dam	<ul><li>Left Bank Fishway: TBD</li><li>Right Bank Fishway: TBD</li></ul>					
Wanapum Dam	Right Bank Fishway: TBD Left Bank Fishway: TBD					
Rock Island Dam	<ul> <li>Right Bank Fishway: January 6, 2020 to February 28, 2020.</li> <li>Left Bank Fishway: December 9, 2019 to January 31, 2020.</li> <li>Middle Fishway: February 3, 2020 to February 28, 2020.</li> </ul>					
Rocky Reach Dam	<ul> <li>December 16, 2019 to February 28, 2020.</li> </ul>					
Wells Dam	West Ladder: TBD East Ladder: TBD					

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

Page last updated on: 05-26-2020 04:55:23 Copyright © 2001-2020 Fish Passage Center.