



2020 NASS STOCK ASSESSMENT UPDATE

FISHWHEEL OPERATIONAL DATA TO:	26-Jul-20
WATER LEVEL FOR DATE AT GITWINKSIHLKW (m)	1.9
HISTORICAL LEVEL FOR DATE - MEAN 94-19 (m)	2.1
WATER TEMPERATURE FOR DATE AT GITWINKSIHLKW (m)	9.1
HISTORICAL WATER TEMP FOR DATE - MEAN 94-19 (m)	9.9

FISHWHEEL CATCH SUMMARIES	SOCK	CHIN	COHO	STEEL	PINK-EVE	CHUM	LAMP
FISHWHEEL TOTAL CATCH OF ADULTS	21,443	2,601	50	9	1,171	6	215
HISTORICAL AVG CUM CATCH (00-19) TO DATE	23,100	4,000	148	30	690	10	310
HISTORICAL AVG CUM TOTAL CATCH (00-19)	42,000	4,000	14,000	1,000	12,000	130	700
AVERAGE DAILY CATCH (5 D) OF ADULTS - GW	389	9	7	1	173	0	1
AVERAGE DAILY CATCH (5 D) OF ADULTS - GH	759	54	2	0	40	0	5
FISHWHEEL TOTAL TAGGED (OR ADIPOSE FIN MARKED)	4,803	2,369	36	6	0	5	155
FISHWHEEL TOTAL JACKS	1,544	2,195	2	NA	NA	NA	NA
HISTORICAL MEAN JACKS (00-19) TO DATE	1,742	673	15	NA	NA	NA	NA

IN-SEASON RUN SIZE SUMMARIES	SOCK	CHIN	COHO	STEEL	26-Jul-20
IN-SEASON RUN SIZE ESTIMATE TO DATE	117,681	8,843	602	74	
HISTORICAL MEAN RUN SIZE TO GW FOR DATE (94-19)	174,000	18,200	1,547	630	
RUN SIZE TARGET 2020 (MIN. FOR STEELHEAD)	230,000	15,000	65,000	4,200	

IN-SEASON FORECASTS TO GW - METHODS:	SOCK	CHIN	COHO	STEEL	26-Jul-20
1. RUN TIMING METHOD (94-19) - Mean Run timing	191,000	9,000	34,000	2,000	
Lower (-2 S.D.)	145,000	9,000	14,000	1,000	
Upper (+2 S.D.)	277,000	11,000	67,000	4,000	In-season/Final
2. IN-SEASON TO FINAL (regression):	217,000	10,000	82,000	9,000	r ² (CH) = 1.00
95% CI - lower	124,000	9,000	40,000	6,000	r ² (SO) = 0.70
95% CI - upper	309,000	11,000	100,000	12,000	r ² (CO) = 0.27
GW RUN SIZE TARGET (DEPENDING ON HARVESTS ABOVE GW)	230,000	15,000	65,000	4,200	r ² (ST) = 0.42
Mean Run Timing % Return Estimate to GW fishwheels (94-19)	62%	94%	2%	4%	
Late run	45%	75%	0%	1%	
Early run	82%	98%	5%	13%	

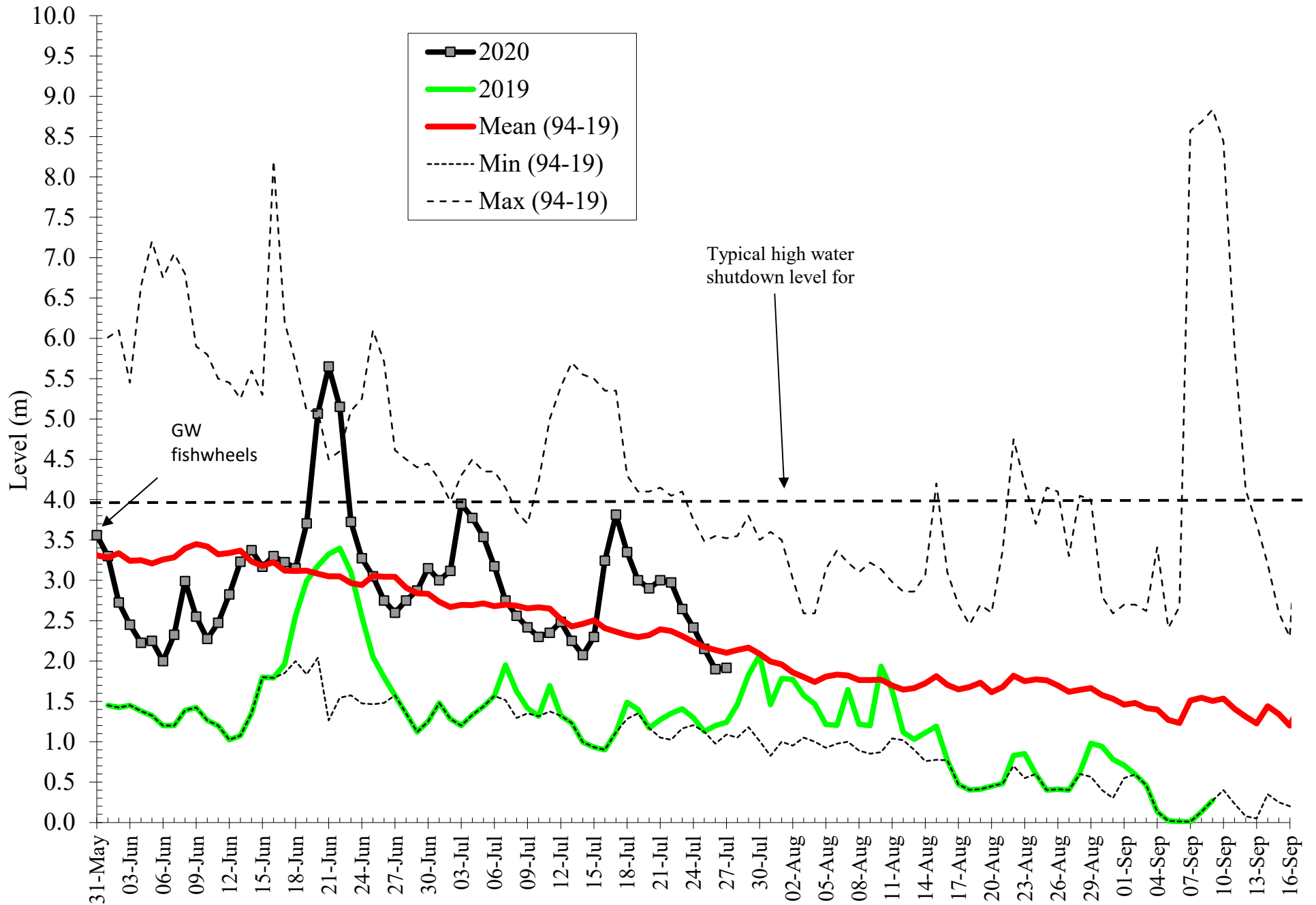
IN-SEASON NET ESCAPEMENT ESTIMATES	SOCK	CHIN	COHO	STEEL	26-Jul-20
HARVEST ESTIMATES ABOVE GW TO DATE	7,938	1,611	-	-	
NET ESCAPEMENT (ABOVE GW):	109,743	7,232	602	74	
NET ESCAPEMENT TARGET (UPPER RIVER ONLY)	200,000	13,000	60,000	4,000	

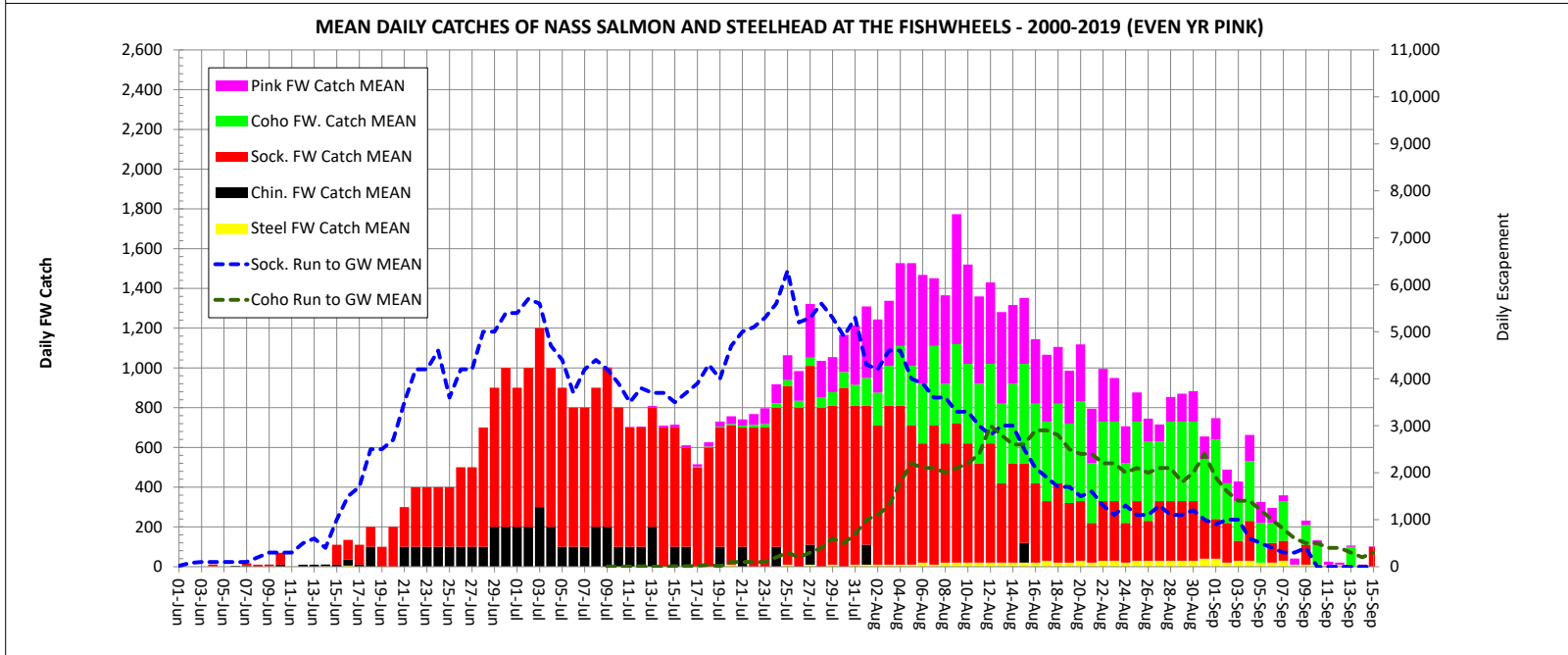
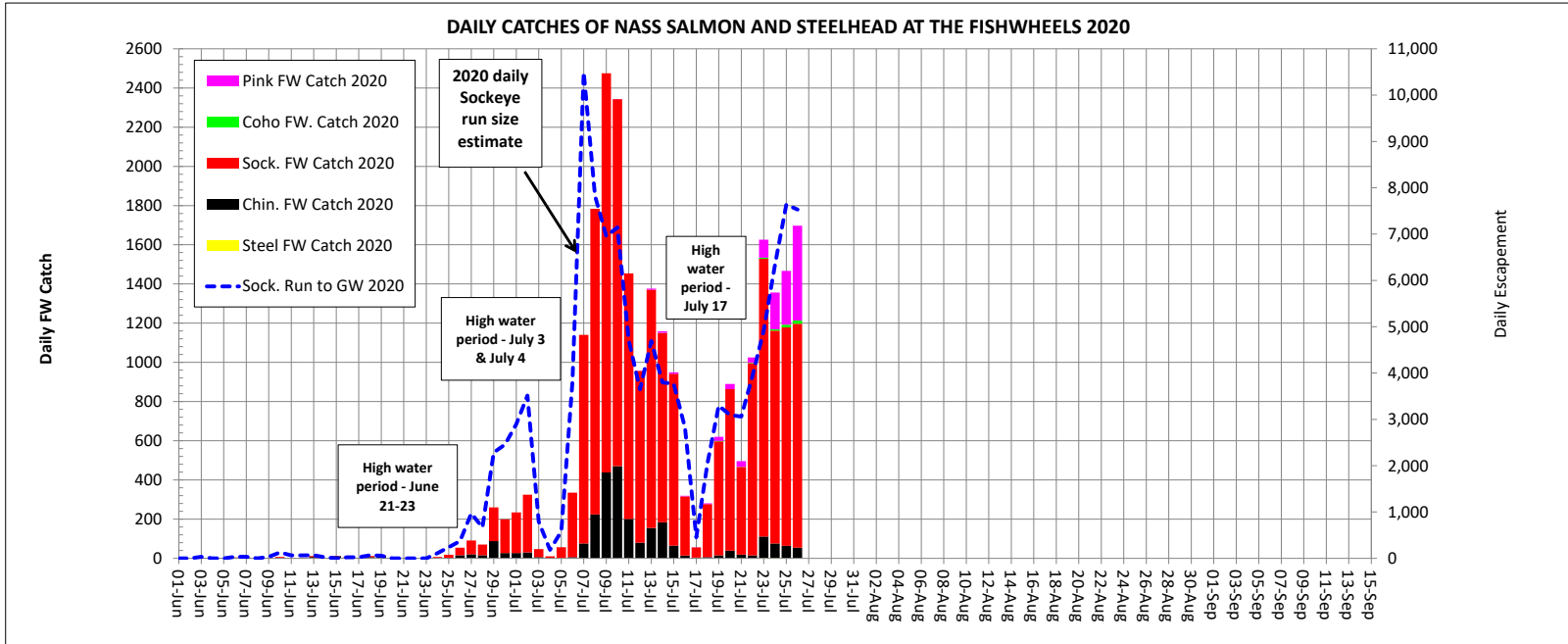
NISGA'A TOTAL HARVEST SUMMARY	SOCK	CHIN	COHO	PINK-EVE	CHUM	STEEL
MARINE SALE FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
IN-RIVER SALE FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
INDIVIDUAL SALE (IS) FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
NLG COMMUNAL SELECTIVE TREATY FISHERY - GH FISHWHEELS	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
NLG COMMUNAL SELECTIVE TREATY FISHERY - SEINE	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
DOMESTIC (FSC) GILLNET FISHERY - WK END: 18 JULY	24,196	5,296	2	1,224	31	35
SUB TOTAL (NLG TREATY FISHERIES)	24,196	5,296	2	1,224	31	35
NLG SOCK DEMONSTRATION FISHERY HARVEST - DFO INVENTORY	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
GRAND TOTAL	24,196	5,296	2	1,224	31	35

PRE-SEASON TRTC & ENTITLEMENT FORECASTS	SOCK	CHIN	COHO	PINK-EVE	CHUM
HISTORICAL MEAN TRTC (1994-2019)	548,000	30,000	194,000	540,000	42,000
PRE-SEASON TRTC FORECAST (50% PROBABILITY)	386,000	23,000	290,000	291,000	29,000
PRE-SEASON NISGA'A ENTITLEMENT	59,000	4,800	19,200	11,000	500
CUM UNDERAGE (+)/OVERAGE (-) AVAILABLE OR OWED: 2000-19	-1,828	rebuild	2,067	-2,886	< esc. goal
TOTAL PRE-SEASON NISGA'A CATCH POTENTIAL	57,000	4,800	21,000	8,000	500

IN-SEASON TRTC & ENTITLEMENT ESTIMATES	SOCK	CHIN	COHO	PINK-EVE	CHUM
PROJECTED TRTC BASED ON INSEASON TO FINAL REGRESSION	255,000	18,000	Pre-season	Pre-season	Pre-season
ESTIMATED %TRTC TO DATE: MEAN. RUN TIMING	69%	93%	0%	2%	5%
Lower (95% CI)	175,000	17,000	Pre-season	Pre-season	Pre-season
Upper (95% ci.)	334,000	19,000	Pre-season	Pre-season	Pre-season
IN-SEASON NISGA'A ENTITLEMENT TARGET	30,000	3,800	Pre-season	Pre-season	Pre-season
MINIMUM	18,000	3,600			
MAXIMUM	48,000	4,000			

Daily Water Level at Gitwinksihlkw Fishwheels 2020





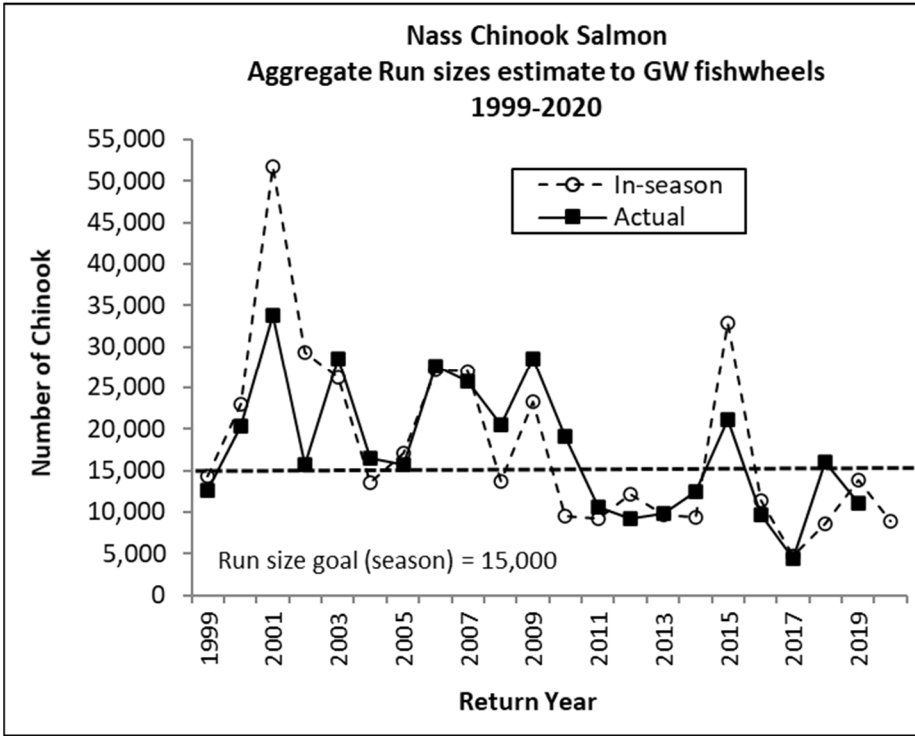
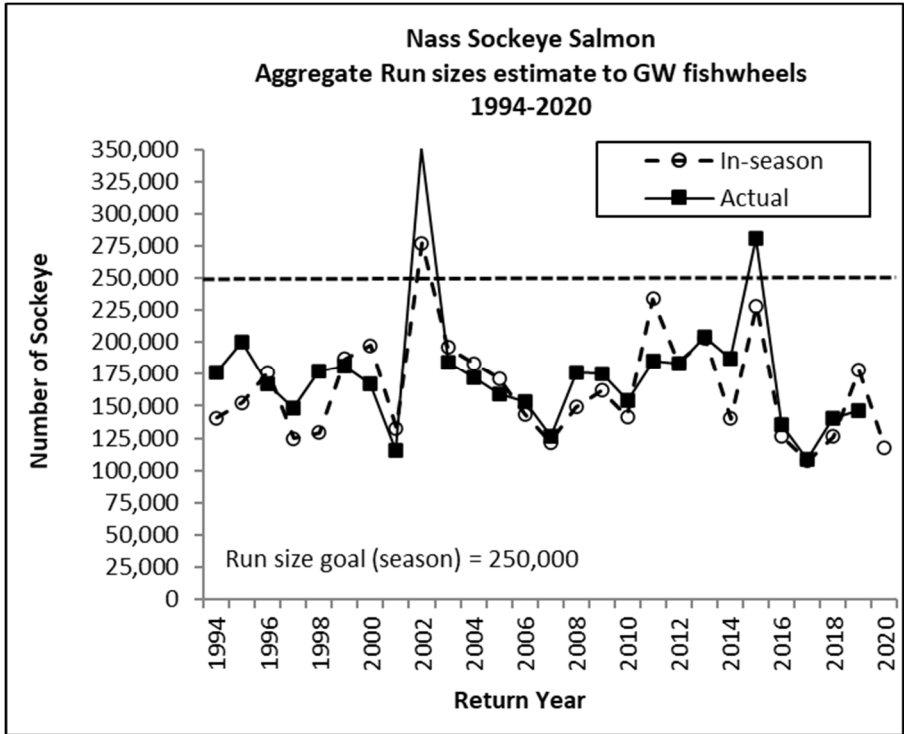


Table 1. In-season and post-season estimates of aggregate run sizes to date for Nass adult sockeye salmon to Gitwinksihlkw test fishery fishwheels, 1994-2020.

Year	Date	Wk	In-season	Actual	Raw Error	Raw Error%	Abs Error	Abs Error%	Abs Acc%
1994	26-Jul	31	140,709	176,611	-35,902	-20.3%	35,902	20%	80%
1995	26-Jul	31	152,904	200,126	-47,222	-23.6%	47,222	24%	76%
1996	26-Jul	31	176,554	167,173	9,381	5.6%	9,381	6%	94%
1997	26-Jul	31	124,892	148,004	-23,112	-15.6%	23,112	16%	84%
1998	26-Jul	31	129,381	177,637	-48,256	-27.2%	48,256	27%	73%
1999	26-Jul	31	187,115	181,433	5,682	3.1%	5,682	3%	97%
2000	26-Jul	31	197,400	167,250	30,150	18.0%	30,150	18%	82%
2001	26-Jul	31	132,852	115,745	17,107	14.8%	17,107	15%	85%
2002	26-Jul	31	276,918	350,102	-73,184	-20.9%	73,184	21%	79%
2003	26-Jul	31	195,739	184,640	11,099	6.0%	11,099	6%	94%
2004	26-Jul	31	183,543	172,054	11,489	6.7%	11,489	7%	93%
2005	26-Jul	31	171,820	159,454	12,366	7.8%	12,366	8%	92%
2006	26-Jul	31	143,715	153,516	-9,801	-6.4%	9,801	6%	94%
2007	26-Jul	31	122,042	126,666	-4,624	-3.7%	4,624	4%	96%
2008	26-Jul	31	149,423	176,586	-27,163	-15.4%	27,163	15%	85%
2009	26-Jul	31	162,022	175,539	-13,517	-7.7%	13,517	8%	92%
2010	26-Jul	31	141,965	154,849	-12,885	-8.3%	12,885	8%	92%
2011	26-Jul	31	233,826	185,612	48,214	26.0%	48,214	26%	74%
2012	26-Jul	31	183,750	183,755	-4	0.0%	4	0%	100%
2013	26-Jul	31	203,022	204,355	-1,333	-0.7%	1,333	1%	99%
2014	26-Jul	31	140,167	187,531	-47,364	-25.3%	47,364	25%	75%
2015	26-Jul	31	228,462	280,462	-51,999	-18.5%	51,999	19%	81%
2016	26-Jul	31	126,426	135,699	-9,273	-6.8%	9,273	7%	93%
2017	26-Jul	31	107,609	108,152	-543	-0.5%	543	1%	99%
2018	26-Jul	31	126,216	140,018	-13,802	-9.9%	13,802	10%	90%
2019	26-Jul	31	178,007	146,462	31,545	21.5%	31,545	22%	78%
2020	26-Jul	31	117,681						
MAPE ¹					-9,000			12.3%	
Min (MAPE)					4			0.0%	73%
Max (MAPE)					73,000			27.2%	100%
MAA ²									88%

¹ MAPE = Mean Absolute Percent Error

² MAA = Mean Absolute Accuracy

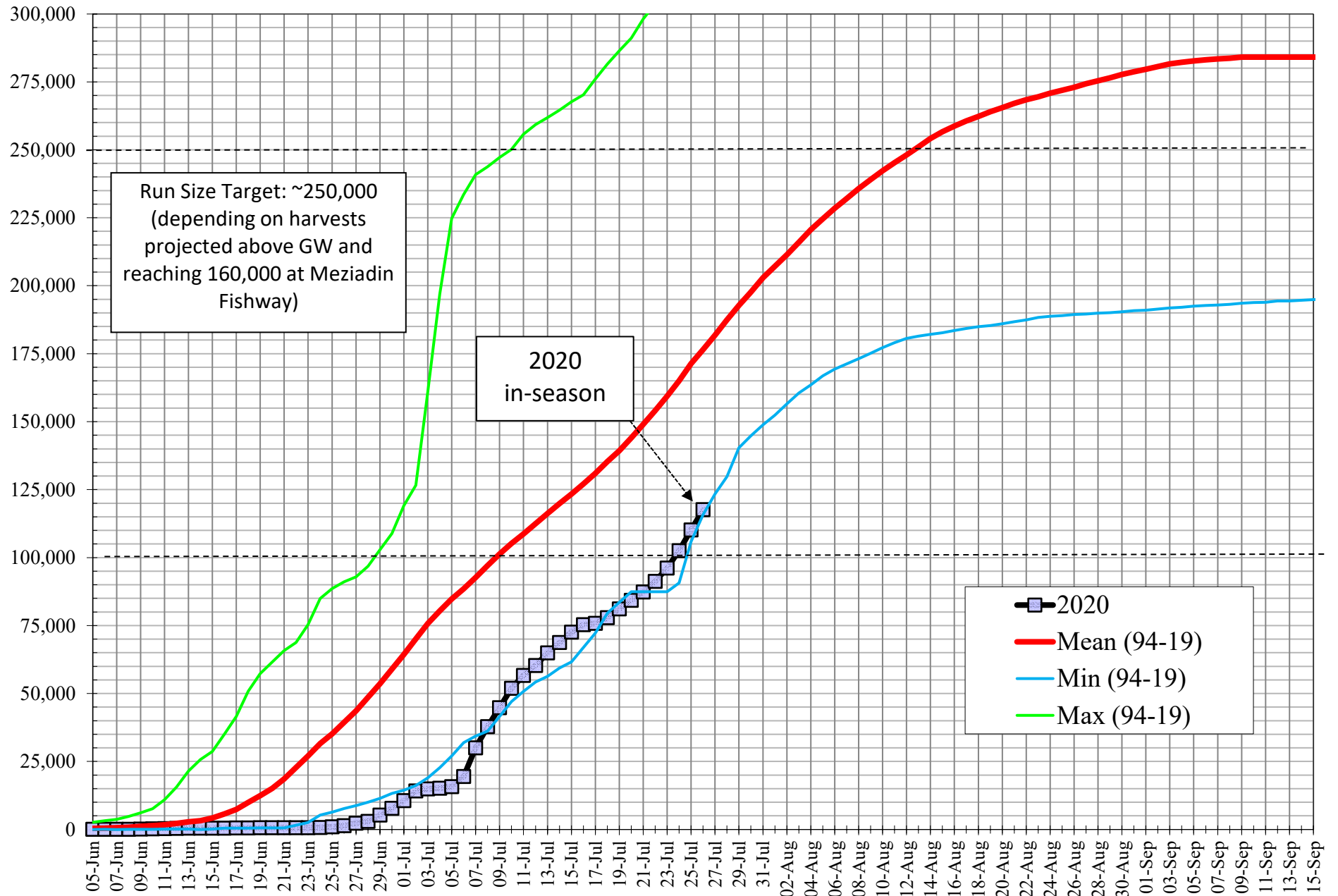
Table 2. In-season and post-season estimates of aggregate run sizes to date for Nass adult Chinook salmon to Gitwinksihlkw test fishery fishwheels, 1999-2020.

Year	Date	Wk	In-season	Actual	Raw Error	Raw Error%	Abs Error	Abs Error%	Abs Acc%
1999	26-Jul	30	14,252	12,665	1,587	12.5%	1,587	13%	87%
2000	26-Jul	30	22,970	20,411	2,559	12.5%	2,559	13%	87%
2001	26-Jul	30	51,734	33,853	17,881	52.8%	17,881	53%	47%
2002	26-Jul	30	29,377	15,707	13,670	87.0%	13,670	87%	13%
2003	26-Jul	30	26,247	28,531	-2,285	-8.0%	2,285	8%	92%
2004	26-Jul	30	13,560	16,533	-2,973	-18.0%	2,973	18%	82%
2005	26-Jul	30	17,061	15,696	1,365	8.7%	1,365	9%	91%
2006	26-Jul	30	27,112	27,572	-460	-1.7%	460	2%	98%
2007	26-Jul	30	26,999	25,748	1,251	4.9%	1,251	5%	95%
2008	26-Jul	30	13,701	20,528	-6,827	-33.3%	6,827	33%	67%
2009	26-Jul	30	23,232	28,591	-5,359	-18.7%	5,359	19%	81%
2010	26-Jul	30	9,581	19,075	-9,494	-49.8%	9,494	50%	50%
2011	26-Jul	30	9,299	10,596	-1,297	-12.2%	1,297	12%	88%
2012	26-Jul	30	12,207	9,184	3,023	32.9%	3,023	33%	67%
2013	26-Jul	30	9,692	9,805	-113	-1.1%	113	1%	99%
2014	26-Jul	30	9,396	12,455	-3,060	-24.6%	3,060	25%	75%
2015	26-Jul	30	32,890	21,107	11,783	55.8%	11,783	56%	44%
2016	26-Jul	30	11,371	9,642	1,729	17.9%	1,729	18%	82%
2017	26-Jul	30	4,784	4,485	299	6.7%	299	7%	93%
2018	26-Jul	30	8,649	16,028	-7,378	-46.0%	7,378	46%	54%
2019	26-Jul	30	13,922	11,098	2,825	25.5%	2,825	25%	75%
2020	26-Jul	30	8,843						
MAPE ¹					1,000			25%	
Min (MAPE)					100			1%	13%
Max (MAPE)					18,000			87%	99%
MAA (all years) ²									75%

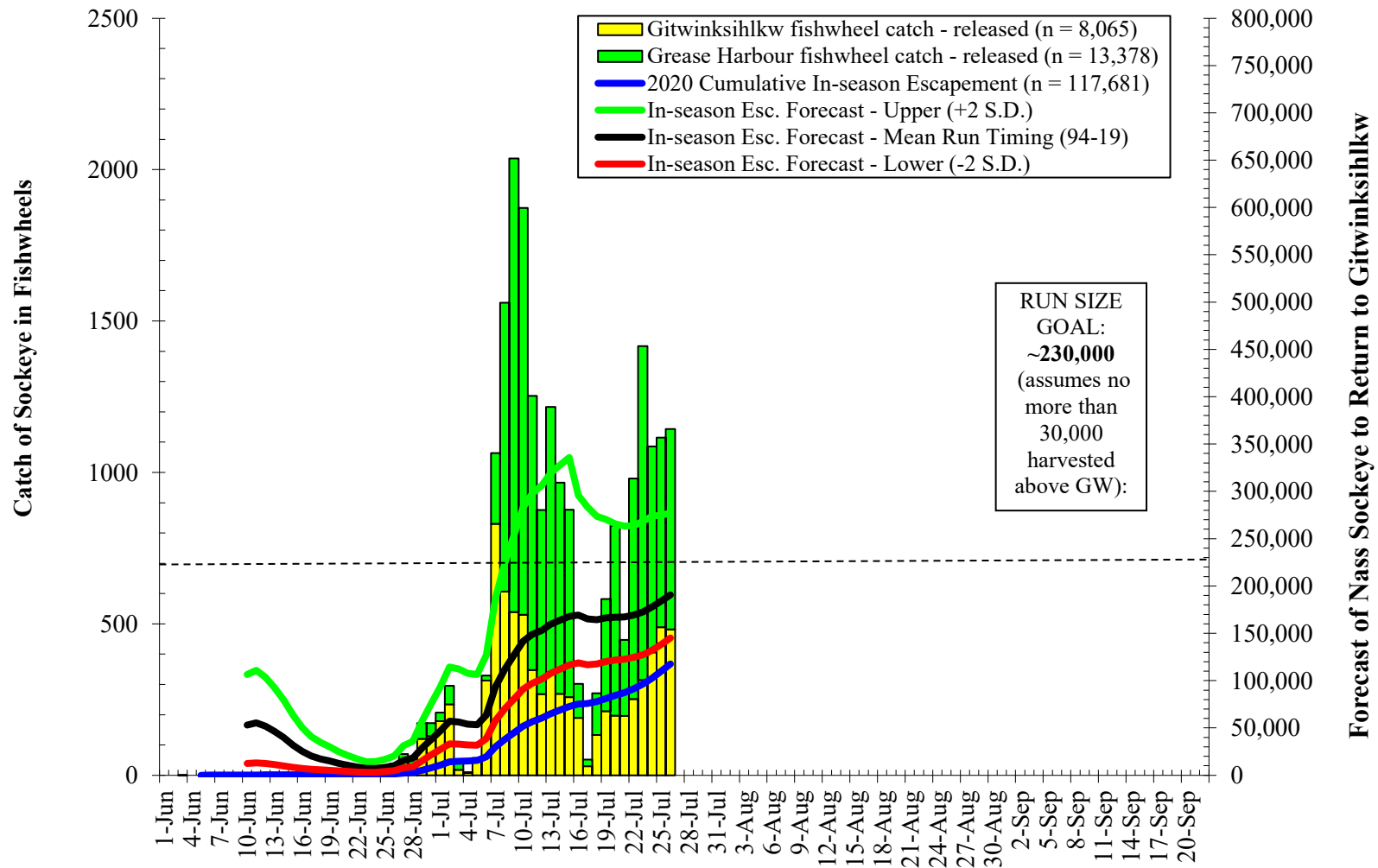
¹ MAPE = Mean Absolute Percent Error

² MAA = Mean Absolute Accuracy

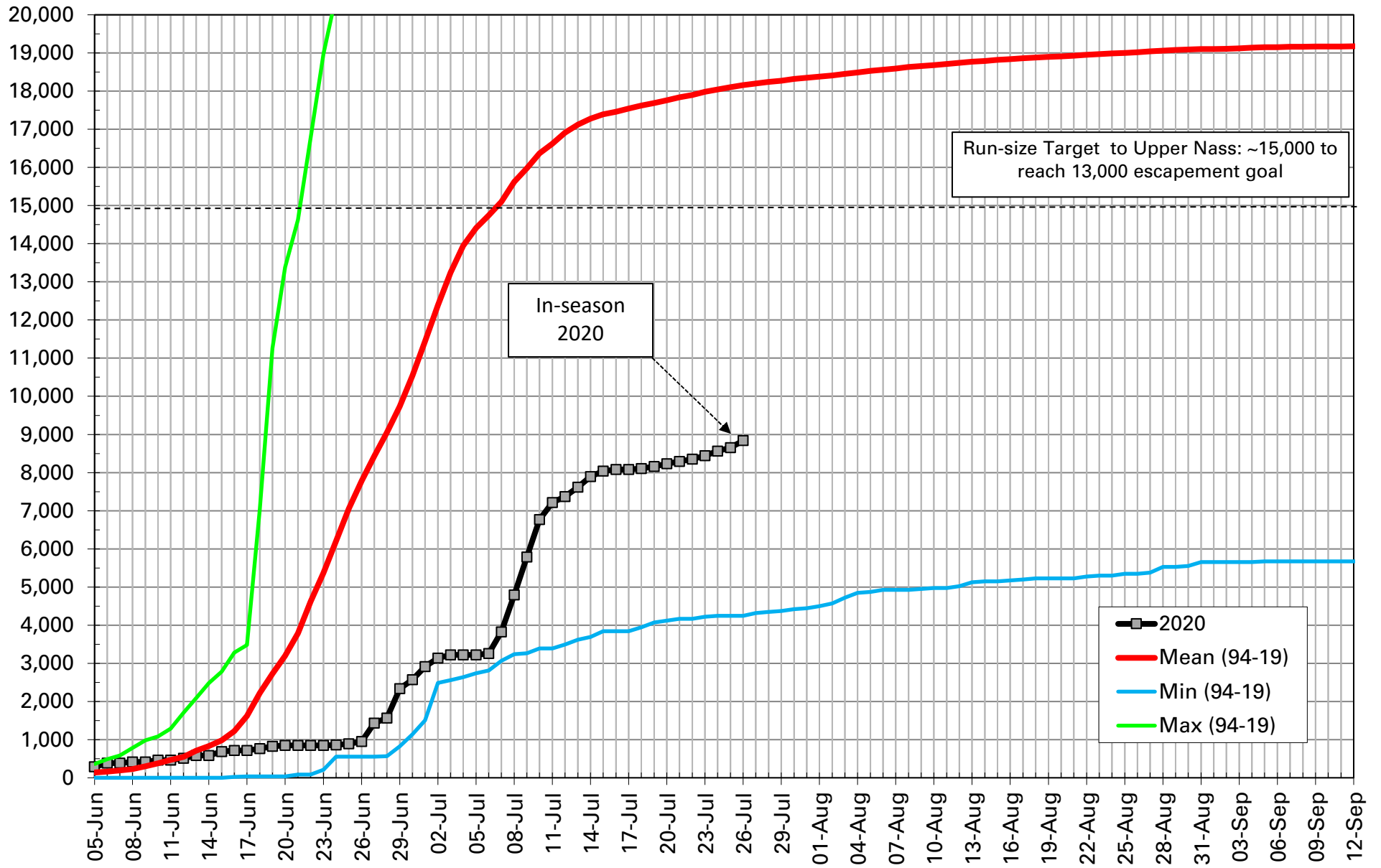
Nass Sockeye Cum. Run Size to Gitwinksilhkw Fishwheels 2020 versus 94-19 Mean, Min, Max returns (before upriver harvests)



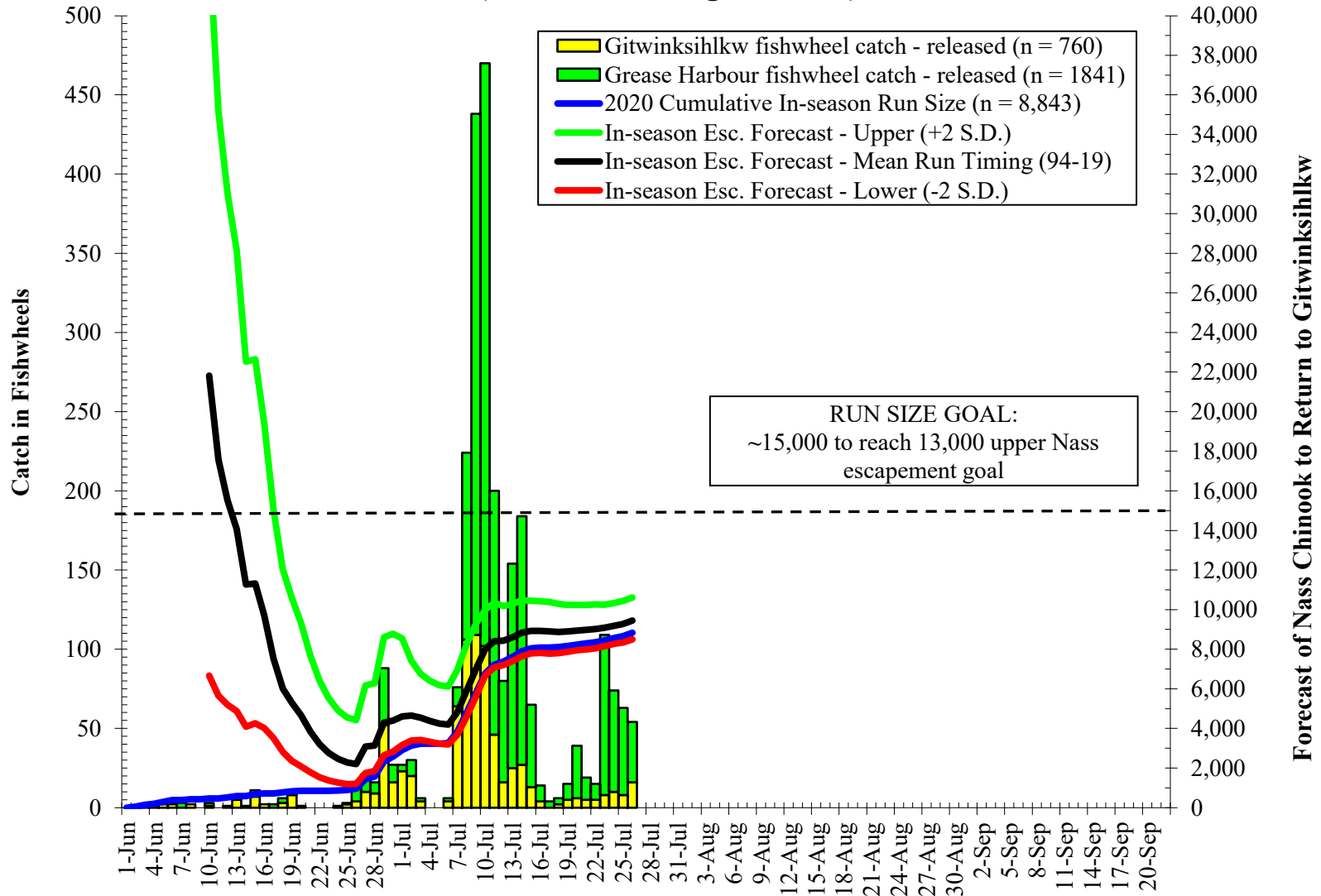
Nass Sockeye (≥ 45 cm NFL) Run Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-19)



Cumulative Nass Adult Chinook Run Size to Gitwinksihlkw 2020 vs 94-19 Mean, Minimum and Maximum returns (before up river harvests)



Nass Chinook (≥ 50 cm NFL) Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-19)



Cumulative Daily Run Sizes of Adult Nass River Sockeye Salmon (≥ 45 cm NFL) to Gitwinksihkw Fishwheels, 2000-2020.

IN-SEASON (FW-MR)

Note: In-season cum. values with yellow shading are preliminary and will change as these fish pass the upper fishwheels to finalize mark-recapture data over a 5-d period.

Date	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 Cum	Mean (94-19)	2020 Daily	
01-Jun										0	0	0	216	0	0	0	0	0	0	0	0	0	0	
02-Jun										175	119	0	809	0	0	0	0	0	0	0	0	0	100	0
03-Jun										175	119	0	1,173	93	275	0	0	0	0	0	36	32	200	32
04-Jun										175	158	0	1,609	278	687	0	127	14	34	72	32	300	0	
05-Jun										175	238	0	2,646	432	824	283	190	58	34	107	32	400	0	
06-Jun						40			207	175	360	25	3,245	494	1,510	534	318	101	67	143	66	500	34	
07-Jun		0				121			326	175	401	75	3,682	572	2,060	1,069	445	173	67	197	98	600	32	
08-Jun		864				229	52		533	175	441	275	4,754	788	3,444	1,699	604	216	135	286	98	800	0	
09-Jun		1,326				229	234		741	175	645	274	6,136	1,070	5,060	1,983	732	245	135	483	131	1,100	32	
10-Jun		1,505				229	468		1,127	175	645	699	7,027	1,523	7,644	2,141	987	245	232	662	260	1,400	129	
11-Jun		1,521			174	364	469		1,542	175	849	1,024	7,398	2,071	10,921	2,487	1,210	245	264	822	325	1,700	65	
12-Jun	111	1,814			1,059	836	469		1,928	175	1,134	1,322	7,413	3,136	15,583	3,811	1,784	245	296	1,180	389	2,200	65	
13-Jun	111	2,577			1,783	1,196	469		2,314	175	1,294	1,620	7,413	4,137	21,491	5,102	2,263	245	361	1,412	455	2,800	66	
14-Jun	111	2,756		1,511	2,375	1,723	469	0	2,551	175	1,414	2,366	8,430	5,436	25,737	7,208	2,773	282	393	1,680	477	3,200	22	
15-Jun	111	3,032		5,204	3,328	2,250	469	154	2,758	175	1,733	3,484	10,465	7,174	28,694	9,911	2,933	505	715	2,234	477	4,200	0	
16-Jun	553	3,877		10,343	4,973	3,776	469	488	3,466	1,773	2,092	5,671	12,009	8,441	34,958	14,815	3,188	703	1,425	3,341	499	5,700	22	
17-Jun	2,517	4,832		15,268	8,689	6,161	469	561	4,587	4,447	2,691	6,690	12,082	9,108	41,540	20,661	3,411	826	2,160	4,804	521	7,400	22	
18-Jun	4,342	6,216		20,996	17,734	9,656	469	561	6,210	8,336	4,327	9,126	12,446	10,816	50,857	26,413	3,762	1,378	3,279	5,785	586	9,900	66	
19-Jun	7,799	6,687		27,393	23,851	11,760	667	561	9,868	13,233	6,282	10,577	13,478	12,777	57,344	34,868	4,271	2,018	3,855	8,408	643	12,400	57	
20-Jun	11,781	7,033		39,866	24,670	13,426	2,818	659	13,792	17,748	9,109	12,107	13,711	13,684	61,573	40,714	5,161	2,431	4,302	11,352	643	15,100	0	
21-Jun	17,506	7,075	29,917	49,020	24,670	15,863	5,018	1,077	19,605	23,523	12,059	13,836	14,572	15,845	65,738	46,705	6,528	2,883	4,526	15,830	643	18,600	0	
22-Jun	24,476	7,075	53,842	52,179	24,670	21,386	8,356	1,616	23,216	31,305	16,811	16,598	17,368	18,620	68,743	56,095	8,816	3,422	4,814	19,845	643	22,800	0	
23-Jun	32,662	7,075	75,318	55,636	24,670	26,505	13,795	2,573	24,852	40,581	23,210	19,996	17,866	24,605	70,093	65,771	11,582	4,463	4,974	22,952	643	27,000	0	
24-Jun	42,231	7,741	84,932	63,106	24,670	31,011	18,170	7,209	30,400	53,871	28,552	24,229	17,866	32,181	73,868	75,066	13,807	5,303	5,750	26,176	753	31,600	110	
25-Jun	55,229	10,934	88,616	70,810	24,670	33,641	20,639	10,058	36,366	65,154	33,615	26,911	17,866	34,456	75,537	82,174	16,858	6,401	7,692	28,449	994	35,200	241	
26-Jun	72,182	16,443	91,072	76,530	26,511	35,773	22,750	15,416	40,975	72,579	39,888	30,271	17,866	44,050	78,019	88,498	19,816	7,698	14,586	30,954	1,366	39,400	372	
27-Jun	79,898	22,058	91,072	80,990	29,568	38,720	24,384	22,065	45,804	79,358	45,962	35,037	17,888	51,420	87,281	92,872	23,117	8,782	25,913	33,053	2,336	43,600	970	
28-Jun	79,898	25,084	91,072	84,831	35,665	42,868	26,461	29,196	50,633	86,952	51,354	39,940	18,832	77,165	91,753	96,785	26,471	10,051	41,674	35,117	3,003	48,600	666	
29-Jun	79,898	26,779	98,717	86,967	41,467	48,063	31,347	36,770	54,242	91,203	55,440	43,995	31,382	91,289	94,676	102,875	31,119	11,449	47,758	36,392	5,287	53,600	2,285	
30-Jun	79,898	30,487	102,127	89,504	48,006	54,382	37,066	43,172	58,643	94,327	58,436	48,384	42,726	96,013	97,207	108,877	34,394	13,232	51,512	39,234	7,744	59,000	2,456	
01-Jul	85,966	33,888	108,610	92,742	51,160	58,517	41,833	45,336	67,993	97,871	61,322	52,772	55,482	100,305	98,557	119,099	36,586	14,430	56,874	43,247	10,640	64,400	2,896	
02-Jul	103,938	35,981	126,584	93,809	56,227	61,515	46,050	48,452	76,305	102,054	62,848	55,662	75,066	104,651	101,507	126,156	38,038	16,189	59,108	48,638	14,153	70,100	3,514	
03-Jul	112,961	37,197	160,994	96,534	62,259	63,453	52,191	53,305	76,305	105,208	63,774	58,654	88,722	108,543	103,801	132,554	40,013	18,975	60,793	55,451	14,945	75,700	792	
04-Jul	115,310	38,313	196,911	99,054	65,054	64,892	59,800	59,239	76,305	107,865	64,777	60,738	95,873	111,235	104,522	139,039	42,466	22,723	62,905	59,881	15,127	80,400	182	
05-Jul	117,760	39,513	224,762	101,438	69,166	67,550	66,871	62,785	76,305	110,495	66,514	62,650	98,807	112,684	106,109	145,982	44,770	27,040	64,469	63,162	15,707	84,800	580	
06-Jul	117,760	40,914	233,579	103,953	74,438	69,271	71,193	64,873	76,305	112,850	68,813	65,152	103,551	113,873	108,589	153,038	48,449	31,961	66,480	67,530	19,516	88,500	3,808	
07-Jul	117,958	42,161	240,891	106,318	79,176	72,042	74,310	71,881	86,686	115,714	73,241	69,761	105,938	116,880	110,309	159,675	52,159	34,307	69,079	72,318	30,013	97,700	10,497	
08-Jul	120,535	45,210	243,807	109,093	88,294	75,611	78,513	76,646	96,917	117,862	80,018	72,385	107,844	119,621	112,591	165,412	54,672	36,132	72,018	77,506	37,838	97,100	7,825	
09-Jul	126,179	46,974	247,158	111,492	94,159	77,789	81,699	81,381	105,678	122,393	83,125	73,734	109,302	122,422	114,737	171,704	57,634	41,552	75,304	85,327	44,792	101,300	6,954	
10-Jul	132,168	49,577	250,162	113,304	100,632	81,564	84,898	85,702	112,694	125,670	87,773	74,808	110,104	125,989	116,806	178,531	62,294	47,060	78,335	88,859	51,935	105,200	7,143	
11-Jul	135,632	50,732	255,678	115,573	104,618	85,967	89,194	86,278	117,038	129,196	93,589	76,521	110,617	128,878	118,206	184,230	66,419	54,638	81,019	91,253	56,642	108,700	4,707	
12-Jul	140,067	54,206	259,269	117,890	108,888	90,486	94,456	86,278	119,205	131,682	98,109	79,745	111,188	131,649	120,808	194,202	70,260	61,027	83,680	95,603	60,288	112,500	3,646	
13-Jul	142,248	56,301	261,891	119,333	115,590	95,442	99,692	86,278	122,817	134,647	101,199	85,035	113,917	132,769	123,616	200,631	73,850	66,447	85,624	100,551	64,981	116,200	4,693	
14-Jul	145,873	59,389	264,572	122,672	121,616	100,230	103,675	86,278	126,974	137,077	103,602	95,295	117,312	134,614	127,659	207,687	76,967	70,941	87,753	104,421	68,779	119,900	3,798	
15-Jul	147,184	61,634	267,697	124,472	128,259	102,695	105,908	86,278	131,854	139,073	106,100	104,110	120,872	137,242	132,123	212,945	82,257	75,436	89,803	107,735	72,545	123,400	3,766	
16-Jul	149,032	66,920	270,225	127,797	130,229	104,339	109,428	86,278	137,633	141,826	106,863	112,758	124,421	141,659	136,082	218,285	88,208	80,836	91,976	111,470	75,362	127,100	2,817	
17-Jul	150,546	72,272	276,077	130,616	133,526	108,093	112,389	86,278	142,705	144,324	107,740	117,770	126,835	147,866	141,276	221,173	92,180	85,383	94,792	115,570	75,815	131,000	453	
18-Jul	151,917	79,555	281,561	134,275	137,506	115,877	115,909	90,356	145,257	146,419	110,337	124,416	131,634	155,822	146,751	226,540	97,518	89,456	99,139	118,788	77,862	135,300	2,047	
19-Jul	153,443	83,510	286,433	136,231	141,050	123,640	118,705	93,290	147,135	147,982	113,473	133,203	137,302	162,850	150,907	229,559	102,793	94,098	103,148	120,972	81,159	139,300	3,297	
20-Jul	154,540	87,412	291,060	142,802	146,018	133,291	122,554	96,029	150,432	150,540	118,716	142,564	145,152	170,566	157,059	232,455								

Cumulative Daily Run Sizes of Adult Nass River Chinook Salmon (≥ 50 cm NFL) to Gitwinksihkw Fishwheels, 2000-2020.																				IN-SEASON			
Date	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Mean (94-19)	2020 Daily
01-Jun-20										0	0	0	8	0	0	0	0	0	48	0	0	10	
02-Jun-20										0	0	0	24	0	0	0	0	0	144	40	48	20	48
03-Jun-20										0	0	0	24	17	97	0	46	0	240	100	144	50	96
04-Jun-20										0	122	0	24	50	97	0	68	25	288	181	192	80	48
05-Jun-20										0	244	0	47	67	161	59	91	50	288	361	288	140	96
06-Jun-20						14			23	0	488	0	71	67	290	88	114	151	288	442	384	160	96
07-Jun-20		23				72			69	0	548	21	71	84	483	133	228	201	336	582	384	190	0
08-Jun-20		168				72	47		115	0	731	106	95	134	772	177	319	226	336	783	414	230	30
09-Jun-20		306				72	141		138	0	914	212	102	167	901	177	410	251	336	984	414	300	0
10-Jun-20		345				72	157		208	0	975	212	126	301	1,030	177	547	251	336	1,084	462	380	48
11-Jun-20		352			16	101	157		600	0	1,219	212	134	318	1,287	251	707	251	384	1,144	462	470	0
12-Jun-20	32	559			49	174	157		669	0	1,280	276	142	318	1,706	487	912	251	529	1,184	510	550	48
13-Jun-20	32	1,248			98	405	157		669	0	1,524	467	142	351	2,092	811	1,322	301	577	1,204	584	710	74
14-Jun-20	32	1,409		31	147	506	157	0	715	0	1,645	616	142	485	2,478	1,976	1,527	352	769	1,224	584	830	0
15-Jun-20	32	1,471		279	245	550	157	0	738	0	1,828	722	300	619	2,768	2,403	1,573	553	865	1,245	688	980	104
16-Jun-20	162	1,731		1,164	636	665	157	25	853	159	2,499	892	457	686	2,929	2,624	1,687	653	1,153	1,365	718	1,220	30
17-Jun-20	851	2,252		2,513	1,908	1,143	157	37	1,222	319	2,742	977	457	686	3,315	3,170	1,801	754	1,393	1,606	718	1,620	0
18-Jun-20	1,411	2,903		5,042	3,946	2,068	157	37	1,315	546	3,352	1,253	489	719	3,701	3,361	2,006	904	1,730	1,766	762	2,220	44
19-Jun-20	2,014	3,209		6,035	4,386	2,633	173	37	1,730	865	4,083	1,401	505	803	3,991	3,730	2,165	1,181	1,874	1,807	823	2,730	61
20-Jun-20	2,930	3,278		7,059	4,418	2,864	361	37	2,168	1,275	5,058	1,593	520	837	4,592	4,172	2,553	1,281	1,874	2,168	846	3,200	23
21-Jun-20	4,190	3,278	866	11,838	4,418	3,153	896	86	2,629	2,345	6,643	1,869	528	937	4,474	5,086	2,826	1,306	1,874	3,473	846	3,790	0
22-Jun-20	5,482	3,278	2,553	16,771	4,418	3,732	1,760	86	2,883	4,484	8,471	2,187	544	1,054	4,860	6,767	3,100	1,331	1,874	4,717	846	4,620	0
23-Jun-20	7,453	3,278	4,421	18,974	4,418	4,600	3,284	210	2,883	6,738	9,933	2,718	552	1,104	4,924	7,976	3,373	1,482	1,922	5,761	846	5,370	0
24-Jun-20	9,457	3,286	5,816	20,510	4,418	6,133	5,357	1,479	3,114	11,109	11,335	3,164	552	1,221	5,600	9,259	3,738	1,784	1,970	6,403	861	6,210	15
25-Jun-20	11,665	3,692	6,144	21,240	4,418	7,840	9,662	1,886	3,483	15,388	12,615	3,461	552	1,238	5,697	10,615	4,331	1,859	2,162	6,945	891	7,050	30
26-Jun-20	12,752	6,380	6,354	21,519	4,418	9,286	12,553	2,613	4,475	15,912	13,834	3,843	552	1,389	5,691	11,676	4,923	2,035	3,123	7,327	950	7,780	59
27-Jun-20	12,979	9,827	6,354	21,798	4,484	9,966	13,024	3,919	5,766	16,686	14,992	4,311	552	1,506	6,276	12,148	5,334	2,085	5,670	8,029	1,431	8,430	481
28-Jun-20	12,979	10,546	6,354	22,093	4,516	10,472	13,134	5,201	6,873	20,100	15,845	4,757	568	3,079	6,855	12,826	5,676	2,135	7,496	8,390	1,564	9,050	133
29-Jun-20	12,979	10,738	8,168	22,512	4,908	11,022	13,590	5,571	7,289	22,172	16,454	5,181	828	2,587	7,531	14,168	6,542	2,236	8,553	8,611	2,335	9,740	771
30-Jun-20	12,979	11,067	9,864	22,776	5,658	11,268	16,292	6,076	7,496	23,447	16,637	5,861	1,135	6,592	8,143	14,890	7,020	2,286	9,322	8,712	2,572	10,540	237
01-Jul-20	13,140	13,495	10,821	22,900	6,130	11,514	19,340	6,187	8,027	24,198	16,759	6,901	1,506	7,061	8,625	15,849	7,431	2,437	10,187	8,977	2,913	11,440	341
02-Jul-20	13,754	19,538	11,933	22,915	7,370	11,731	21,414	6,434	8,811	24,721	16,820	7,475	2,578	7,479	9,108	16,999	7,750	2,487	10,427	9,089	3,136	12,390	222
03-Jul-20	14,734	24,501	12,544	23,117	9,163	12,049	22,419	7,679	8,811	24,949	17,003	8,324	4,233	7,646	9,526	17,765	7,864	2,562	10,859	9,138	3,223	13,240	87
04-Jul-20	15,251	25,688	13,291	23,427	10,761	12,382	23,001	11,968	8,811	25,382	17,124	8,515	5,574	8,115	9,526	18,620	7,909	2,638	11,052	9,198	3,223	13,950	0
05-Jul-20	15,413	26,110	13,829	23,877	12,408	12,657	23,535	13,287	8,811	25,837	17,124	8,685	6,062	8,684	9,687	19,078	8,046	2,738	11,292	9,313	3,223	14,410	0
06-Jul-20	15,413	26,393	14,385	24,637	13,337	12,671	23,786	13,521	8,811	26,087	17,246	8,812	6,819	9,935	10,234	19,387	8,183	2,814	11,436	9,693	3,257	14,740	34
07-Jul-20	15,424	26,860	14,786	25,211	13,386	12,729	24,053	15,924	8,857	26,224	17,307	9,046	7,434	9,219	10,428	19,579	8,570	3,065	11,580	10,375	3,826	15,100	569
08-Jul-20	15,553	29,418	15,051	25,956	13,467	13,033	24,116	19,807	9,872	26,338	17,734	9,195	7,671	9,286	10,653	19,741	8,753	3,241	11,868	10,907	4,791	15,620	965
09-Jul-20	15,919	30,008	15,124	26,189	13,630	13,510	24,242	21,878	12,224	26,543	17,917	9,301	7,789	9,387	10,975	19,756	8,981	3,266	11,964	11,049	5,785	15,980	994
10-Jul-20	16,414	30,958	15,224	26,406	13,859	14,103	24,367	23,110	15,799	26,747	18,039	9,471	7,797	9,420	11,168	19,770	9,163	3,391	12,109	11,172	6,768	16,370	984
11-Jul-20	16,835	31,379	15,279	26,530	14,169	14,551	24,587	23,172	18,152	26,952	18,160	9,556	7,797	9,504	11,297	19,829	9,231	3,391	12,253	11,239	7,216	16,620	447
12-Jul-20	18,170	32,221	15,306	26,654	14,690	14,754	25,137	23,172	19,190	26,998	18,282	9,640	7,797	9,520	11,747	20,051	9,322	3,492	12,493	11,335	7,372	16,910	156
13-Jul-20	18,762	32,681	15,370	26,732	15,342	14,884	26,064	23,172	19,351	27,066	18,404	9,768	7,805	9,537	11,876	20,286	9,414	3,617	12,541	11,456	7,621	17,120	249
14-Jul-20	19,355	32,911	15,406	26,840	15,783	15,043	26,661	23,172	19,513	27,294	18,465	9,895	7,915	9,587	12,005	20,493	9,482	3,693	12,589	11,560	7,898	17,280	277
15-Jul-20	19,592	32,987	15,443	26,996	15,946	15,130	26,834	23,172	19,836	27,521	18,587	10,023	7,994	9,604	12,069	20,581	9,505	3,843	12,685	11,688	8,037	17,390	139
16-Jul-20	19,786	33,148	15,452	27,058	16,027	15,159	26,944	23,172	20,043	27,544	18,587	10,108	8,018	9,604	12,101	20,655	9,550	3,843	13,022	11,726	8,080	17,460	44
17-Jul-20	19,980	33,317	15,507	27,213	16,027	15,246	27,148	23,172	20,159	27,749	18,648	10,235	8,025	9,621	12,101	20,714	9,550	3,843	13,166	11,792	8,080	17,540	0
18-Jul-20	20,023	33,508	15,534	27,476	16,092	15,304	27,227	23,283	20,228	27,863	18,648	10,362	8,120	9,704	12,165	20,788	9,550	3,944	13,166	11,864	8,103	17,620	23
19-Jul-20	20,087	33,608	15,543	27,709	16,174	15,390	27,352	23,369	20,274	27,954	18,770	10,426	8,286	9,738	12,230	20,802	9,573	4,070	13,214	11,907	8,162	17,690	59
20-Jul-20	20,163	33,654	15,580	27,926	16,223	15,434	27,384	23,542	20,297	28,022	18,770	10,490	8,609	9,755	12,262	20,817	9,573	4,120	13,406	11,979	8,233	17,760	71
21-Jul-20	20,173	33,654	15,607	28,082	16,272	15,506	27,478	23,862	20,343	28,159	18,953	10,554	9,082	9,771	12,294	20,832	9,596	4,170	13,502	12,052	8,292	17,840	59
22-Jul-20	20,173	33,654	15,625	28,159	16,288	15,506	27,525	24,257	20,389	28,318	19,014	10,596	9,184	9,805	12,455	20,847	9,642	4,170	13,598	12,074	8,350	17,900	59
23-Jul-20	20,249	33,654	15,671	28,268	16,304	15,622	27,525	24,700	20,412	28,432	19,014	10,660	9,271	9,838	12,584	20,935	9,687	4,220	13,935	12,114	8,44		

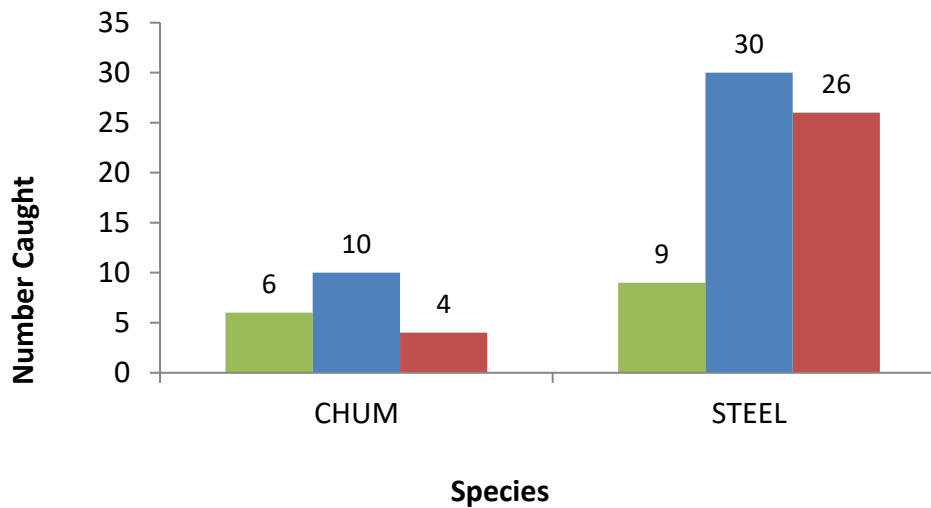
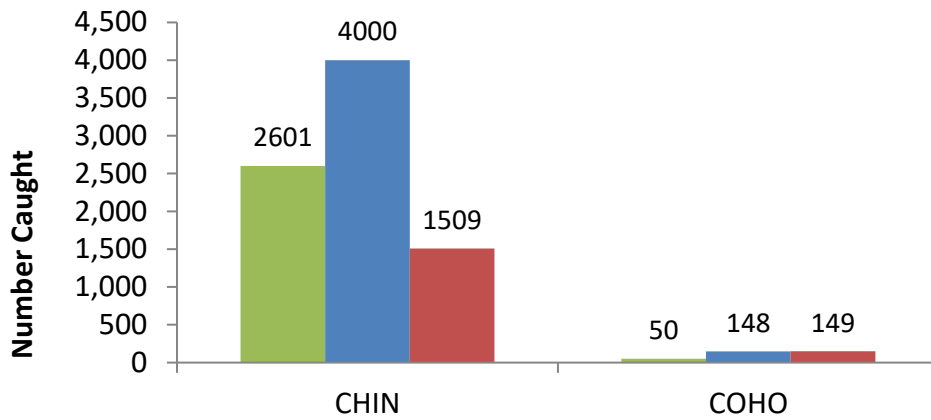
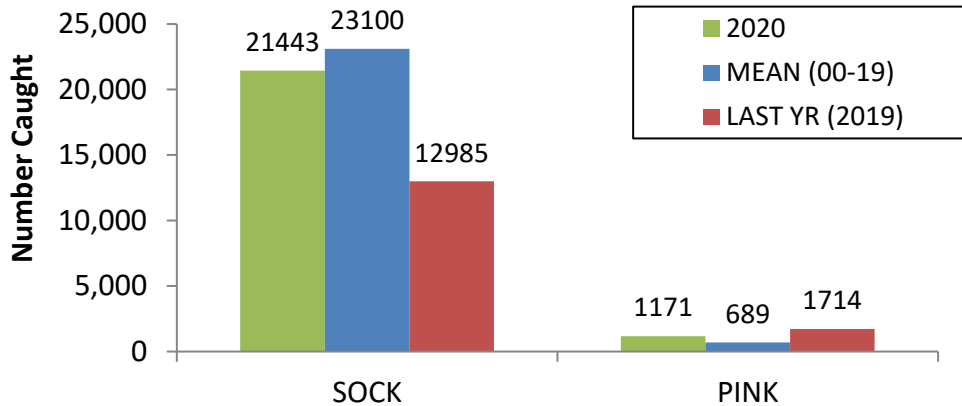
Cumulative Daily Run Sizes of Adult Nass River Coho Salmon (≥ 40 cm NFL) to Gitwinksihkw Fishwheels, 2000-2020.																					In-season 2020	Mean Cum (94-19)	Daily 2020	
Date	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
8-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	21	0	0	0	0	2	
9-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	21	0	0	0	0	2	
10-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	21	0	0	0	0	3	
11-Jul-20	0	0	0	0	0	19	0	0	0	0	0	0	0	30	0	0	62	21	0	0	0	0	10	
12-Jul-20	0	0	0	32	0	39	0	0	16	32	0	0	0	30	0	0	62	42	0	0	0	0	10	
13-Jul-20	0	0	0	32	16	39	0	0	33	32	0	0	0	30	0	0	92	42	0	19	0	0	10	
14-Jul-20	0	0	33	63	16	39	0	0	33	64	0	0	0	119	0	0	123	42	0	19	0	13	20	13
15-Jul-20	0	0	33	127	32	39	29	0	49	64	47	0	0	119	0	23	154	84	39	19	0	13	30	0
16-Jul-20	0	0	33	190	65	39	29	0	66	64	71	0	0	238	0	45	246	105	39	19	0	13	50	0
17-Jul-20	0	0	66	190	113	96	72	0	99	159	95	0	0	565	19	113	370	189	39	19	0	13	90	0
18-Jul-20	25	0	66	190	161	116	173	0	99	222	142	239	26	891	37	227	585	231	39	19	0	13	100	0
19-Jul-20	51	0	66	317	210	154	288	0	165	318	284	342	38	1,337	74	294	739	357	39	57	0	41	200	28
20-Jul-20	51	0	66	412	403	193	447	25	329	477	332	512	64	1,723	148	317	1,016	588	116	113	0	41	300	0
21-Jul-20	101	0	265	508	500	193	562	25	379	699	474	649	103	2,110	333	385	1,416	945	154	170	0	41	400	0
22-Jul-20	127	0	563	698	629	251	634	25	461	1,048	616	820	115	2,912	500	521	2,002	1,366	309	264	0	86	500	45
23-Jul-20	152	0	629	1,301	742	771	778	25	692	1,557	711	1,195	205	3,536	870	634	2,340	1,660	309	434	0	117	700	31
24-Jul-20	202	0	795	1,777	1,161	1,041	908	99	972	2,065	876	1,400	231	4,398	1,314	702	3,264	1,849	463	585	0	180	1,000	62
25-Jul-20	228	49	894	2,411	1,629	1,368	1,124	669	1,334	2,383	1,066	1,571	384	5,259	1,684	997	3,849	2,437	733	830	0	337	1,200	157
26-Jul-20	329	81	1,060	2,982	2,000	1,657	1,427	818	1,647	3,145	1,350	1,912	449	6,091	2,332	1,404	4,742	2,920	1,081	1,132	0	602	1,500	266
27-Jul-20	405	146	1,226	3,427	2,807	1,869	1,657	1,065	2,009	4,670	1,918	2,356	564	7,102	2,924	1,654	5,327	3,635	1,312	1,396	0		1,900	
28-Jul-20	658	211	1,755	4,347	3,404	2,197	2,118	1,462	2,503	6,259	2,416	2,698	730	8,439	4,183	2,084	6,651	3,971	2,007	1,717	0		2,500	
29-Jul-20	759	454	2,451	5,172	3,968	2,525	2,997	1,635	2,767	7,816	3,363	3,074	987	10,014	5,275	2,311	7,914	5,484	2,741	2,170	0		3,000	
30-Jul-20	1,088	908	3,875	6,123	4,662	2,737	3,703	2,478	3,508	8,673	4,216	4,098	1,333	11,707	6,219	2,945	9,392	6,513	2,856	2,698	0		3,700	
31-Jul-20	1,493	1,557	4,736	7,361	5,711	3,373	4,640	2,998	4,249	10,897	6,111	5,225	1,833	14,144	7,477	3,285	11,578	8,068	4,014	3,396	0		4,700	
1-Aug-20	2,100	2,432	5,664	8,122	6,904	4,221	5,879	3,791	5,188	12,708	7,437	6,352	2,755	15,957	9,513	3,624	13,426	11,640	5,134	4,585	0		5,800	
2-Aug-20	2,733	3,713	6,790	9,233	7,840	4,741	7,537	4,683	5,912	15,155	9,877	8,708	3,742	18,512	12,289	4,213	15,920	15,065	6,137	5,622	0		7,100	
3-Aug-20	5,365	4,945	8,678	11,295	8,421	5,338	8,891	5,426	7,049	23,225	13,074	10,587	4,793	23,415	17,675	5,391	18,537	18,678	6,330	6,604	0		8,900	
4-Aug-20	12,830	6,275	11,394	13,104	9,824	5,705	10,606	6,169	8,762	30,310	16,461	12,328	5,754	27,872	22,135	7,000	20,231	23,742	8,376	7,453	0		11,100	
5-Aug-20	16,778	7,459	13,315	14,309	11,308	6,379	12,047	7,433	11,298	40,159	20,061	13,285	6,831	32,924	24,985	7,702	23,803	28,595	10,537	8,566	0		13,200	
6-Aug-20	20,296	8,237	14,607	16,879	13,776	6,957	13,949	8,399	13,982	46,989	23,330	14,275	8,676	35,954	28,076	8,630	29,069	31,285	13,008	9,773	0		15,300	
7-Aug-20	26,218	9,761	15,865	19,290	14,373	8,210	15,505	9,192	16,897	53,280	26,006	15,641	11,201	38,956	30,704	9,423	32,363	34,037	15,015	11,434	0		17,300	
8-Aug-20	30,520	12,809	17,886	21,892	16,922	9,540	16,990	10,282	19,137	57,093	28,588	16,632	14,405	42,818	33,295	10,443	35,843	36,306	16,868	13,132	0		19,400	
9-Aug-20	33,202	17,285	18,648	24,272	20,261	11,236	18,820	11,620	22,069	60,301	33,348	17,485	16,814	46,860	35,349	11,598	39,076	39,038	19,029	13,943	0		21,600	
10-Aug-20	36,745	20,998	20,238	26,461	23,262	12,835	21,024	12,883	24,589	63,606	36,546	18,305	18,916	52,565	37,552	12,459	43,818	42,946	20,033	16,283	0		24,000	
11-Aug-20	39,301	24,370	23,715	29,538	26,133	14,839	22,538	14,692	28,591	66,910	40,075	18,988	24,183	57,111	38,403	13,184	48,684	45,866	22,156	18,245	0		27,000	
12-Aug-20	41,047	29,689	28,021	32,553	27,537	16,593	24,411	16,699	31,802	69,166	43,533	19,910	29,232	62,192	39,810	13,523	52,348	48,156	24,510	20,226	0		29,800	
13-Aug-20	42,363	35,331	31,797	34,837	30,037	18,597	26,803	18,929	33,680	74,249	47,322	20,969	32,308	64,480	41,549	14,180	57,152	51,350	27,521	21,999	0		32,400	
14-Aug-20	43,452	38,963	35,142	38,327	32,957	21,970	29,195	20,737	34,684	78,538	51,538	21,754	35,666	67,689	45,029	15,630	61,863	53,808	29,335	23,697	0		35,000	
15-Aug-20	44,287	43,503	42,429	41,373	35,441	26,114	32,668	22,447	35,771	83,780	54,215	22,847	38,280	70,928	50,544	17,963	67,036	56,813	32,616	25,547	0		37,900	
16-Aug-20	45,071	47,168	52,598	44,958	37,344	27,944	35,593	24,553	37,912	89,976	56,891	23,120	41,035	73,276	56,818	20,047	70,300	59,607	35,009	27,433	0		40,800	
17-Aug-20	45,982	49,778	60,150	46,957	39,248	32,589	37,582	25,643	39,279	96,393	61,320	24,384	42,676	76,782	62,814	21,814	77,537	61,351	35,820	29,395	0		43,600	
18-Aug-20	47,323	52,243	66,641	49,114	40,764	36,867	39,498	26,931	41,832	102,938	64,778	26,125	44,662	79,664	66,738	22,811	82,925	61,897	36,939	30,301	0		46,100	
19-Aug-20	48,589	55,486	71,842	51,843	42,716	41,242	41,905	27,625	44,697	108,308	68,141	27,252	46,610	81,417	72,994	23,604	87,729	62,738	38,367	30,773	0		48,500	
20-Aug-20	49,525	57,594	76,015	54,952	45,588	42,822	44,427	29,607	47,629	113,073	71,173	28,106	48,366	83,884	78,065	24,283	91,455	64,628	40,452	31,810	0		50,900	
21-Aug-20	49,981	58,988	79,592	58,125	48,637	43,497	46,386	31,540	51,153	117,553	72,689	28,721	50,006	89,203	81,452	25,710	94,596	67,633	42,227	32,188	0		53,100	
22-Aug-20	50,132	60,237	80,652	60,536	51,121	45,520	47,712	33,299	57,922	123,907	73,399	28,721	52,133	92,441	84,098	27,545	100,077	72,150	44,389	32,188	0		55,300	
23-Aug-20	50,132	62,426	82,606	62,757	52,186	51,745	48,519	34,736	61,644	129,594	73,968	28,721	53,915	96,483	86,800	29,108	103,495	73,726	45,508	32,999	0		57,300	
24-Aug-20	50,487	63,820	83,931	65,232	53,363	57,527	49,052	36,123	64,444	136,044	74,773	29,131	55,094	100,108	89,373	30,467	107,806	75,869	47,245	35,320	0		59,400	
25-Aug-20	51,550	65,506	87,608	66,914	54,170	60,977	49,686	36,991	64,741	140,682	76,241	30,599	56,260	103,406	91,316	32,143	111,440	79,924	48,596	39,791	0		61,400	
26-Aug-20	51,980	67,112	94,431	68,817	54,734	63,848	50,248	38,229	65,613	149,388	77,189	33,980	57,016	105,605	93,796	33,503	113,257	82,824	49,985	45,546	0		63,500	
27-Aug-20	52,638	67,112	98,041	69,928	55,363	68,377	50,767	39,468	68,413	155,932	77,970	37,942	57,862	107,536	95,536	34,930	114,673	85,429	50,680	54,187	0		65,600	
28-Aug-20	54,080	67,339	99,134	70,975	55,863	72,771	51,171	40,781	72,086	161,079	78,515	42,894	58,554	110,092	97,738	35,632	117,167	90,093	51,414	58,904	0		67,400	

Nass Summer-run Steelhead Cumulative Daily Run Size Estimates to Gitwinksihkw Fishwheels, 2000-2020.																				IN-SEASON	Mean Cum	Daily	
Date	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	(94-19)	2020
1-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	51	0	0	0	0
4-Jul-20	0	0	0	0	0	0	0	0	0	0	0	115	47	0	0	0	0	0	51	0	0	0	10
5-Jul-20	0	0	0	0	0	0	0	0	0	0	0	115	47	0	0	0	0	0	51	0	0	0	10
6-Jul-20	0	0	0	0	0	0	0	0	0	0	0	115	47	0	0	0	0	0	51	0	0	0	10
7-Jul-20	0	0	0	0	0	0	0	0	0	0	0	115	71	0	32	38	48	0	51	0	0	0	20
8-Jul-20	0	0	0	0	0	0	0	66	0	0	0	115	71	0	32	38	48	0	51	0	0	0	20
9-Jul-20	0	0	0	0	0	0	0	66	0	0	0	115	71	0	32	38	143	0	101	0	0	0	30
10-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	32	38	191	0	101	0	0	0	30
11-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	32	38	238	0	152	0	0	12	40
12-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	63	38	238	0	152	0	0	12	40
13-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	95	77	238	0	152	0	0	12	50
14-Jul-20	31	28	0	0	0	41	0	99	0	0	0	115	71	0	158	115	238	0	253	85	0	12	70
15-Jul-20	31	28	0	0	0	41	0	99	0	0	0	115	71	0	189	115	238	0	304	85	0	12	70
16-Jul-20	61	28	0	0	0	41	29	99	0	0	76	173	71	0	189	153	238	0	304	85	0	12	80
17-Jul-20	154	56	51	0	0	41	29	99	0	0	76	173	71	0	189	230	238	0	405	85	0	12	90
18-Jul-20	154	56	51	0	0	82	29	132	81	0	76	288	71	0	221	345	238	0	507	85	0	12	120
19-Jul-20	154	56	51	0	17	82	29	132	122	0	152	403	71	0	221	345	238	0	557	85	0	12	130
20-Jul-20	154	56	51	0	34	82	29	132	122	0	152	460	71	0	221	383	238	29	659	85	12	140	0
21-Jul-20	154	56	51	0	51	82	58	132	122	0	303	460	71	0	252	383	238	57	1,115	85	12	180	0
22-Jul-20	154	56	51	59	51	164	58	132	162	0	455	460	95	52	347	383	381	57	1,368	85	12	220	0
23-Jul-20	184	56	103	59	51	246	58	132	244	51	531	633	95	104	568	383	381	57	1,926	85	43	280	31
24-Jul-20	307	56	154	176	68	246	58	132	325	102	683	748	142	157	694	421	572	57	2,382	113	59	350	16
25-Jul-20	307	83	206	411	68	287	88	132	487	102	683	863	166	261	884	421	619	114	2,483	113	74	400	16
26-Jul-20	369	111	206	764	85	287	88	132	609	203	834	863	213	261	1,041	536	858	200	3,193	141	74	510	0
27-Jul-20	369	167	257	823	169	328	88	132	731	305	1,062	1,093	237	313	1,199	575	1,668	257	3,852	141			630
28-Jul-20	430	195	360	1,058	186	328	88	132	893	457	1,290	1,266	261	418	1,326	728	2,478	286	4,054	141			740
29-Jul-20	461	278	565	1,352	254	328	146	132	974	660	1,365	1,381	261	679	1,420	766	3,145	286	4,308	141			850
30-Jul-20	522	306	925	1,646	271	328	175	132	1,218	711	1,441	1,381	356	783	1,452	920	3,526	343	4,358	226			950
31-Jul-20	676	390	1,285	1,940	305	369	234	198	1,421	711	1,669	1,438	403	836	1,578	996	4,146	372	4,409	254			1,070
1-Aug-20	738	445	1,593	2,116	423	574	234	232	1,543	711	1,896	1,496	545	836	1,799	1,035	4,574	458	4,510	367			1,170
2-Aug-20	830	918	2,004	2,762	525	656	263	232	1,746	711	2,124	1,553	711	836	2,241	1,035	5,623	658	4,713	509			1,360
3-Aug-20	1,199	1,057	2,107	2,880	609	697	292	265	1,949	914	2,427	1,726	924	836	2,903	1,149	6,385	829	4,814	565			1,540
4-Aug-20	1,813	1,197	2,313	3,056	745	697	322	364	1,989	1,321	2,427	1,841	1,090	836	3,156	1,494	7,052	972	5,423	593			1,730
5-Aug-20	2,428	1,197	2,724	3,409	846	738	380	430	2,355	1,727	2,731	1,956	1,161	836	3,503	1,724	7,481	1,144	5,879	593			1,940
6-Aug-20	2,735	1,224	2,827	3,585	931	861	556	562	2,476	1,879	2,807	2,014	1,327	888	3,977	1,916	8,625	1,201	6,943	593			2,140
7-Aug-20	3,135	1,336	2,878	3,879	948	902	702	629	2,720	2,692	2,958	2,129	1,517	888	4,229	2,184	9,578	1,287	8,109	622			2,380
8-Aug-20	3,381	1,558	3,135	4,232	1,049	1,066	789	662	2,842	3,200	2,958	2,531	1,849	992	4,545	2,529	9,911	1,430	9,122	622			2,590
9-Aug-20	4,088	2,087	3,289	4,820	1,100	1,147	819	728	2,923	4,064	3,338	2,762	2,015	1,201	4,734	2,759	9,911	1,459	10,288	622			2,830
10-Aug-20	4,610	2,282	3,289	5,407	1,371	1,229	936	827	3,004	4,521	3,793	2,992	2,275	1,410	5,144	2,950	10,340	1,659	10,643	706			3,060
11-Aug-20	5,286	2,588	3,341	5,995	1,557	1,270	994	893	3,166	4,673	4,399	3,510	2,631	1,515	5,207	3,142	10,864	1,716	10,845	961			3,310
12-Aug-20	5,655	3,033	3,546	6,465	1,659	1,352	1,082	1,092	3,248	4,673	4,627	3,797	3,200	1,619	5,302	3,257	11,103	1,859	11,251	989			3,510
13-Aug-20	5,963	3,311	3,803	6,877	1,794	1,475	1,199	1,224	3,329	5,689	4,855	4,027	3,460	1,724	5,460	3,257	11,579	2,288	12,568	1,074			3,780
14-Aug-20	6,331	3,423	3,906	7,406	2,099	1,598	1,257	1,323	3,329	6,654	5,765	4,315	3,934	1,724	5,681	3,525	12,103	2,345	13,075	1,187			4,030
15-Aug-20	6,608	3,701	3,906	7,700	2,302	1,598	1,316	1,522	3,410	7,467	6,144	4,488	4,622	1,724	5,965	3,640	12,866	2,517	13,785	1,215			4,260
16-Aug-20	6,946	3,896	4,317	7,935	2,336	1,639	1,403	1,820	3,532	7,873	6,751	4,545	5,120	1,776	6,186	3,985	13,104	3,003	14,595	1,271			4,520
17-Aug-20	7,100	4,257	5,088	8,405	2,471	1,639	1,550	2,051	3,694	8,533	7,130	4,545	5,594	1,828	6,470	4,636	13,580	3,117	15,710	1,384			4,820
18-Aug-20	7,315	4,369	5,705	8,522	2,589	1,926	1,667	2,183	3,816	9,651	7,358	4,545	5,996	2,089	6,817	4,943	13,962	3,117	17,281	1,441			5,120
19-Aug-20	7,499	4,703	6,013	8,640	2,657	1,967	1,900	2,250	4,222	10,159	7,509	4,660	6,518	2,089	7,322	5,173	14,819	3,117	17,991	1,441			5,370
20-Aug-20	7,807	4,897	6,270	9,169	2,742	1,967	2,076	2,283	4,912	10,464	7,661	4,775	6,850	2,194	7,606	5,249	15,343	3,146	19,106	1,441			5,620
21-Aug-20	8,022	5,287	6,733	9,815	2,843	1,967	2,339	2,448	5,237	10,565	8,040	4,775	7,229	2,194	8,395	5,747	15,439	3,289	19,410	1,441			5,890
22-Aug-20	8,052	5,565	7,041	10,286	3,046	1,967	2,456	2,514	6,008	11,276	8,344	4,775	7,513	2,455	9,058	6,705	15,677	3,575	19,765	1,441			6,210
23-Aug-20	8,052	5,704	7,195	10,580	3,165	2,377	2,631	2,713	6,658	12,292	8,420	4,775	7,798	2,820	10,131	7,203	16,106	3,661	19,815	1,497			6,500
24-Aug-20	8,052	6,205	7,195	11,344	3,216	2,828	2,865	2,845	7,429	12,648	8,875	4,890	8,082	3,238	11,298	7,586	16,630	3,889	20,069	1,526			6,840
25-Aug-20	8,175	6,567	7,247	11,873	3,266	3,197	3,011	3,011	7,429	13,308	9,178	5,063	8,343	3,343	12,024	7,970	16,964	4,290	20,424	1,639			7,100
26-Aug-20	8,206	6,957	7,658	12,166	3,419	3,320	3,099	3,143	7,429	13,664	9,482	5,178	8,485	3,447	13,066	8,813	17,059	4,547	20,829	1,949			7,380

2020 Nass Fishwheel Catches

	GW		GW Total	GH				GH Total	Grand Total
Data	FW1	FW2		FW3	FW4	FW5	FW6		
Chin-adult catch	162	598	760	522	0	764	555	1,841	2,601
Chin-tagged	145	550	695	479	0	703	492	1,674	2,369
Chin-recaps	16	22	38	108	0	128	151	387	425
Chin-Jacks	115	332	447	517	0	502	729	1748	2195
Sum of CH Harv	0	0	0	0	0	0	0	0	0
Sockeye-adult catch	2,582	5,483	8,065	3,408	0	5,992	3,978	13,378	21,443
Sockeye-tagged	1,638	3,165	4,803	0	0	0	0	0	4,803
Sockeye-recaps	192	103	295	89	0	154	114	357	652
Sockeye_jacks	217	792	1009	160	0	196	179	535	1544
Sum of sk_harvest_total	0	0	0	0	0	0	0	0	0
Coho-adult catch	25	14	39	2	0	6	3	11	50
Coho-tagged	23	13	36	0	0	0	0	0	36
Coho-recaps	1	0	1	1	0	0	0	1	2
Coho-jack	2	0	2	0	0	0	0	0	2
Sum of co_harvest_total	0	0	0	0	0	0	0	0	0
Steel-adult catch	3	4	7	0	0	0	2	2	9
Steel-Adipose marked	2	2	4	0	0	0	2	2	6
Steel-unmarked	1	2	3	0	0	0	0	0	3
Steel-recap-total	0	0	0	0	0	0	0	0	0
Pacific Lamprey-catch	2	20	22	13	0	112	68	193	215
Lamprey-tagged	2	16	18	10	0	75	52	137	155
Lamprey-released	0	4	4	3	0	37	16	56	60
Lamprey-recaps	0	0	0	0	0	1	1	2	2
River Lamprey	0	0	0	0	0	0	0	0	0
Pink-adult-catch	259	708	967	130	0	41	33	204	1171
Chum-adult-catch	2	2	4	2	0	0	0	2	6
Chum-tagged	1	2	3	2	0	0	0	2	5
Chum-punched	0	0	0	0	0	0	0	0	0
Chum-recaps	0	0	0	0	0	1	0	1	1
Rainbow Trout	9	19	28	14	0	19	23	56	84
Whitefish	2	6	8	2	0	6	6	14	22
Dolly Varden	2	23	25	0	0	0	1	1	26
Dolly-tagged	0	10	10	0	0	0	0	0	10
Cutthroat Trout	4	4	8	0	0	0	3	3	11
Sculpin	4	0	4	0	0	0	3	3	7
Peamouth Chub	0	1	1	1	0	1	3	5	6
Pikeminnow	1	0	1	0	0	0	2	2	3
Suckers	2	0	2	0	0	0	1	1	3
Redside Shiner	0	1	1	0	0	0	1	1	2

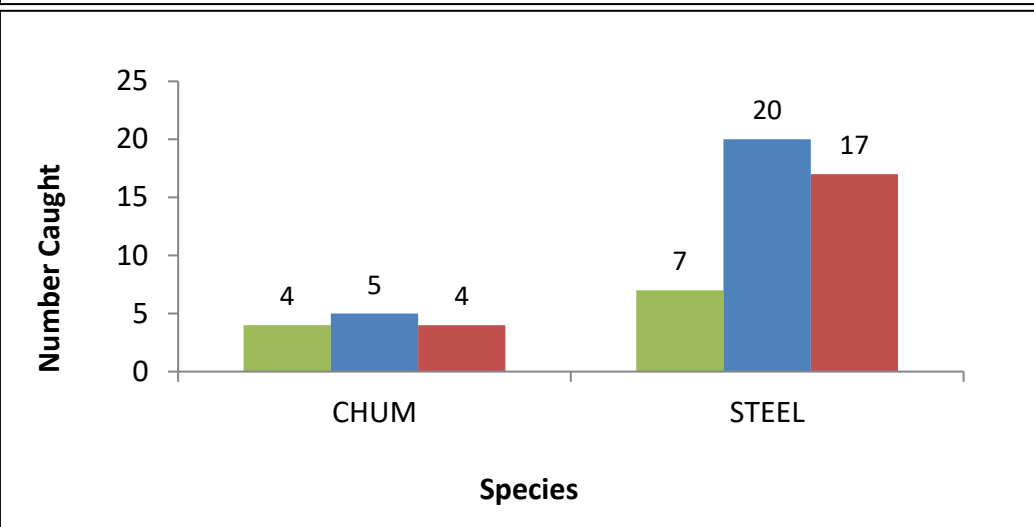
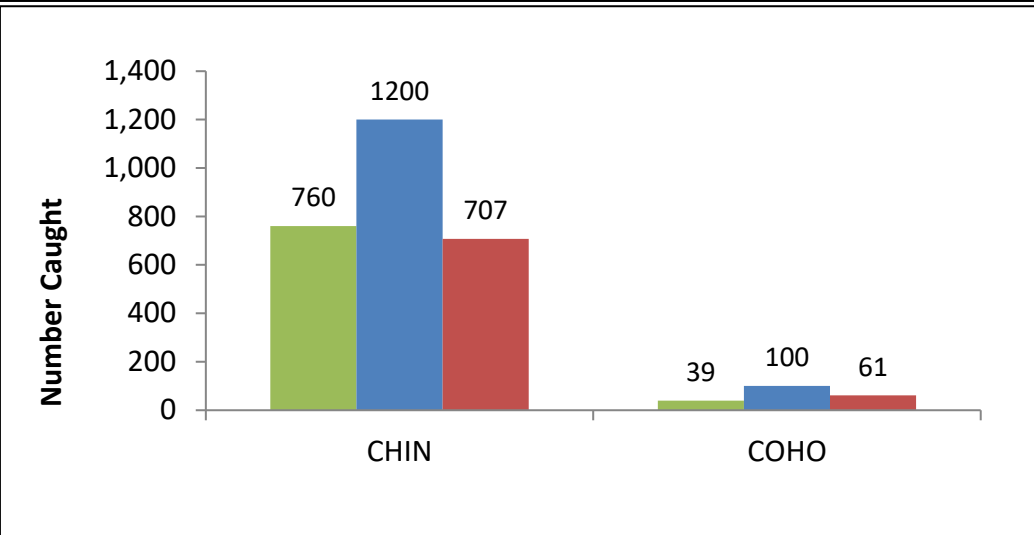
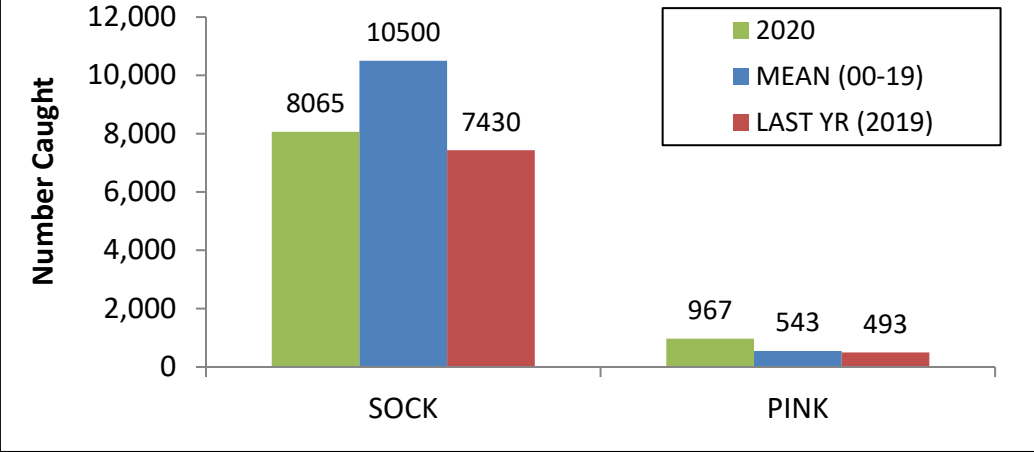
Nass Fishwheel Catches 2020 - All (May 31 - July 26)



Chinook (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	1	-	-	1	-	15	-	9	4	9	6	5	6	6	26	8	4
13-Jun	24	3	169	-	-	6	30	10	-	39	-	73	28	24	35	114	70	69	15	12	77	24	39
20-Jun	25	277	454	-	568	424	321	23	3	290	56	281	188	76	97	386	478	228	87	62	186	57	224
27-Jun	26	1,631	1,421	736	3,339	428	1,992	1,958	664	955	822	639	495	80	156	564	1,344	574	171	177	796	98	947
04-Jul	27	1,954	5,589	3,835	3,923	1,076	2,770	5,641	1,994	1,390	5,836	854	1,203	1,265	1,455	1,101	2,581	852	251	545	935	292	2,253
11-Jul	28	2,355	8,812	6,284	4,921	2,300	3,552	6,146	5,509	2,947	6,104	958	1,529	2,507	1,849	1,410	2,886	1,147	450	667	1,161	1,706	3,175
18-Jul	29	4,305	11,373	6,525	5,276	3,001	3,863	8,592	5,564	4,131	6,412	1,022	1,642	2,646	1,905	1,544	3,118	1,207	558	737	1,423	2,213	3,742
25-Jul	30	4,576	11,458	6,606	5,579	3,092	3,940	8,771	8,152	4,219	6,820	1,058	1,725	3,364	1,930	1,611	3,166	1,243	597	787	1,501	2,547	4,010
01-Aug	31	4,628	11,860	6,692	5,712	3,164	4,003	8,931	9,121	4,265	6,899	1,084	1,756	3,796	1,947	1,637	3,276	1,315	621	801	1,542		4,153
08-Aug	32	4,881	11,996	6,746	5,754	3,220	4,040	9,026	9,316	4,285	7,034	1,100	1,768	3,965	1,955	1,660	3,322	1,346	653	824	1,553		4,222
15-Aug	33	4,969	12,070	6,760	5,778	3,280	4,053	9,055	9,379	4,299	7,090	1,121	1,771	4,030	1,964	1,665	3,341	1,363	666	836	1,571		4,253
22-Aug	34	4,986	12,084	6,777	5,791	3,300	4,062	9,075	9,409	4,308	7,112	1,125	1,772	4,050	1,973	1,675	3,367	1,375	672	845	1,583		4,267
29-Aug	35	4,993	12,098	6,778	5,798	3,312	4,095	9,081	9,421	4,322	7,126	1,130	1,779	4,058	1,976	1,685	3,392	1,383	688	850	1,603		4,278
05-Sep	36	4,999	12,103	6,784	5,802	3,314	4,101	9,089	9,431	4,331	7,130	1,134	1,792	4,059	1,980	1,689	3,397	1,386	695	856	1,626		4,285
12-Sep	37	5,001	12,106	6,785	5,802	3,314	4,107	9,089	9,437	4,331	7,132	1,138	1,792	4,059	1,981	1,693	3,397	1,389	696	858	1,630		4,287
19-Sep	38	5,002	12,106	6,785	5,802	3,314	4,111	9,089	9,438	4,331	7,132	1,138	1,794	4,059	1,981	1,693	3,397	1,389	696	859	1,631		4,287
Grand Total		5,002	12,106	6,785	5,802	3,314	4,111	9,089	9,438	4,331	7,132	1,138	1,794	4,059	1,981	1,693	3,397	1,389	696	859	1,631	2,602	4,287
Sockeye (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	-	-	-	7	5	10	1	179	23	33	12	10	7	2	8	2	15
13-Jun	24	4	130	-	-	46	43	12	-	93	5	48	79	509	311	680	131	81	20	12	80	18	114
20-Jun	25	433	484	-	1,507	934	676	107	26	749	565	344	917	908	1,220	3,567	1,405	205	259	141	652	36	755
27-Jun	26	3,232	1,635	5,168	5,920	1,191	3,138	1,936	1,214	4,653	3,489	1,957	2,677	1,123	5,242	7,589	4,583	1,095	1,030	835	2,443	165	3,008
04-Jul	27	7,217	3,874	17,629	9,581	4,614	8,347	7,525	3,600	8,553	8,822	3,518	5,054	15,799	24,051	13,705	10,821	2,365	2,855	3,236	4,423	1,116	8,279
11-Jul	28	13,877	6,673	31,153	15,454	14,338	12,567	14,124	6,767	16,657	12,283	7,881	7,741	21,513	26,539	16,587	16,580	4,879	7,752	5,162	7,009	9,289	13,277
18-Jul	29	19,067	12,191	35,667	20,671	20,687	16,755	20,990	7,156	22,195	17,206	10,681	14,137	24,738	28,021	19,395	22,500	7,609	11,113	6,991	10,012	13,849	17,389
25-Jul	30	21,208	15,132	41,182	27,655	24,373	21,095	25,858	16,895	25,664	21,113	13,156	23,128	38,547	31,293	23,428	27,403	11,679	14,181	10,030	12,581	20,300	22,280
01-Aug	31	22,744	25,158	48,601	36,940	28,086	26,082	33,119	25,061	28,310	24,552	16,633	29,560	49,267	34,131	26,394	39,195	18,413	18,756	13,314	16,020		28,017
08-Aug	32	27,862	29,355	52,663	41,714	32,420	29,180	38,949	31,407	30,085	34,100	19,948	32,004	56,660	36,383	29,401	48,769	24,325	25,819	18,423	19,359		32,941
15-Aug	33	29,803	31,182	55,063	44,953	38,616	31,862	42,402	35,644	31,580	40,019	23,173	33,254	60,286	37,865	32,090	56,655	29,889	31,998	21,944	23,650		36,596
22-Aug	34	30,477	31,816	57,336	46,745	41,213	33,507	46,441	37,055	33,540	41,726	24,655	33,974	61,794	38,653	34,697	63,066	33,552	36,114	24,307	25,389		38,803
29-Aug	35	31,060	32,100	57,737	47,350	42,819	38,699	48,906	38,036	34,263	42,719	25,159	35,797	62,219	38,964	36,935	67,738	36,131	40,409	25,954	30,613		40,680
05-Sep	36	31,968	32,666	58,598	47,556	43,470	39,880	50,769	38,536	34,697	43,264	25,382	37,918	62,334	39,157	38,066	70,099	38,285	43,689	27,378	35,261		41,949
12-Sep	37	32,780	32,806	58,728	47,556	43,782	40,138	50,769	38,882	34,702	43,426	25,663	37,993	62,384	39,184	38,330	70,737	38,677	44,152	27,669	35,882		42,212
19-Sep	38	33,191	32,821	58,728	47,556	43,782	40,271	50,769	38,934	34,702	43,426	25,692	38,048	62,385	39,184	38,345	70,737	38,677	44,152	27,709	35,894		42,250
Grand Total		33,191	32,821	58,728	47,556	43,782	40,271	50,769	38,934	34,702	43,426	25,692	38,048	62,385	39,184	38,345	70,737	38,677	44,152	27,709	35,894	20,300	42,250
Coho (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0
04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0
11-Jul	28	-	-	-	-	-	1	-	-	-	2	-	-	-	1	-	1	2	1	-	4	0	1
18-Jul	29	1	-	3	6	13	8	15	-	6	12	10	14	2	39	3	30	22	16	1	14	1	11
25-Jul	30	18	3	39	150	138	143	126	31	144	140	87	76	34	400	137	103	169	178	31	113	33	113
01-Aug	31	137	216	329	840	778	736	731	385	594	635	580	414	333	1,530	865	328	1,212	1,200	236	605		634
08-Aug	32	2,143	1,748	1,900	2,212	2,281	1,923	2,590	1,625	2,498	4,478	2,636	1,404	2,615	4,572	4,169	1,431	3,492	5,091	1,015	1,932		2,588
15-Aug	33	3,577	8,257	3,616	4,516	6,626	3,737	5,155	4,152	4,393	7,588	6,949	2,007	7,803	7,692	6,520	2,762	7,208	9,377	2,474	4,728		5,457
22-Aug	34	4,486	11,656	8,607	7,419	9,187	5,700	7,797	6,413	7,960	12,171	10,164	2,360	11,391	10,890	11,670	4,391	11,347	13,079	3,888	6,149		8,336
29-Aug	35	5,878	13,847	9,457	8,916	10,950	12,229	8,837	8,929	11,066	16,411	11,407	3,819	13,570	12,993	14,374	5,503	13,846	18,435	4,856	12,044		10,868
05-Sep	36	7,511	19,916	13,835	9,460	11,577	13,977	9,671	10,358	14,589	19,405	11,873	5,402	14,811	14,136	16,345	6,473	15,403	22,319	5,431	15,253		12,887
12-Sep	37	8,185	22,630	14,556	9,460	11,788	14,328	9,671	11,477	14,640	20,270	12,677	5,480	15,497	14,534	17,087	6,616	15,690	22,908	5,511	15,710		13,436
19-Sep	38	8,349	22,705	14,556	9,460	11,788	14,462	9,671	11,585	14,640	20,270	12,804	5,672	15,608	14,555	17,137	6,616	15,690	22,908	5,511	15,724		13,486
Grand Total		8,349	22,705	14,556	9,460	11,788	14,462	9,671	11,585	14,640	20,270	12,804	5,672	15,608	14,555	17,137	6,616	15,690	22,908	5,511	15,724	50	13,486

Steelhead (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	1	-	-	-	-	5	-	2	1	3	2	1	1	-	9	2	1
13-Jun	24	-	6	-	-	1	2	2	-	5	-	12	7	11	5	7	9	1	3	1	12	2	4
20-Jun	25	1	9	-	-	3	5	2	-	6	7	15	13	11	7	8	21	4	11	4	13	2	7
27-Jun	26	2	10	-	-	3	8	6	2	6	10	16	21	11	7	10	21	4	13	4	14	2	8
04-Jul	27	2	10	2	1	4	8	6	3	6	10	16	27	17	7	11	23	4	14	6	16	2	10
11-Jul	28	4	10	6	1	4	9	6	6	6	10	16	27	18	7	13	24	14	15	10	17	3	11
18-Jul	29	9	12	8	2	4	11	7	7	8	10	18	30	18	7	20	38	16	15	22	21	4	14
25-Jul	30	18	14	14	10	10	19	11	7	26	13	31	45	23	20	53	41	29	25	80	25	9	26
01-Aug	31	32	42	67	50	41	40	25	13	81	27	73	74	40	48	106	85	221	58	151	46	66	
08-Aug	32	195	132	242	125	105	90	66	57	163	123	136	112	133	108	298	191	446	151	285	84	162	
15-Aug	33	399	370	286	250	296	141	128	156	213	427	360	183	391	182	425	279	592	294	457	137	298	
22-Aug	34	533	552	634	359	384	168	243	272	368	729	573	210	749	294	719	461	754	412	798	162	469	
29-Aug	35	608	677	662	500	570	591	375	456	530	1,121	792	434	1,034	457	1,181	624	911	645	930	274	669	
05-Sep	36	979	1,098	830	583	631	687	466	607	840	1,552	879	891	1,305	571	1,382	714	1,027	912	1,031	613	880	
12-Sep	37	1,130	1,417	1,100	583	656	699	466	732	844	1,667	1,132	903	1,511	610	1,470	778	1,070	982	1,071	705	976	
19-Sep	38	1,198	1,435	1,100	583	656	714	466	774	844	1,667	1,180	960	1,525	612	1,472	778	1,070	982	1,078	710	990	
		1,198	1,435	1,100	583	656	714	466	774	844	1,667	1,180	960	1,525	612	1,472	778	1,070	982	1,078	710	9	990
Pinks (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	MEAN ODD YR (93-17)
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	-
04-Jul	27	-	1	-	4	4	14	1	-	-	6	1	1	-	6	-	28	-	1	-	13	0	5
11-Jul	28	-	13	4	139	32	63	5	1	1	22	9	15	-	145	4	137	33	21	6	45	1	52
18-Jul	29	41	78	53	2,188	352	1,097	42	1	40	262	38	197	-	504	91	552	151	167	57	381	30	463
25-Jul	30	151	209	196	10,580	2,017	5,245	182	132	102	2,723	105	1,000	15	3,594	1,355	882	822	1,790	453	1,319	688	2,326
01-Aug	31	261	5,888	1,359	21,147	7,962	9,492	728	3,009	291	5,248	376	3,873	258	8,164	4,446	1,998	4,625	6,636	1,321	4,788	-	5,884
08-Aug	32	3,215	15,089	6,021	26,235	16,794	14,029	1,603	8,639	698	18,875	860	7,475	1,314	14,786	9,055	3,878	8,283	16,128	3,426	8,167	-	11,279
15-Aug	33	7,135	22,620	8,540	29,255	30,750	16,161	2,053	14,380	1,081	31,635	2,957	8,607	3,614	19,857	11,025	5,016	10,622	23,204	5,416	13,444	-	15,785
22-Aug	34	8,661	26,897	12,820	31,384	33,765	17,261	2,563	16,122	1,441	36,023	3,950	8,906	5,857	22,482	15,508	5,980	12,052	27,269	6,971	15,037	-	18,378
29-Aug	35	9,194	29,166	13,227	33,118	35,277	19,371	2,738	17,213	1,683	40,419	4,336	9,505	6,937	24,033	20,110	6,361	12,726	33,400	7,532	17,773	-	20,691
05-Sep	36	10,090	35,803	15,415	33,560	35,538	19,676	2,817	17,495	1,919	41,769	4,447	10,443	7,444	24,617	23,090	6,457	13,102	37,238	7,695	19,080	-	22,299
12-Sep	37	10,173	42,315	15,893	33,560	35,605	19,762	2,817	17,655	1,932	42,120	4,598	10,449	7,682	24,797	23,997	6,476	13,197	37,748	7,717	19,228	-	23,138
19-Sep	38	10,194	42,508	15,893	33,560	35,605	19,781	2,817	17,662	1,932	42,120	4,610	10,637	7,694	24,801	24,038	6,476	13,197	37,748	7,718	19,230	-	23,253
		10,194	42,508	15,893	33,560	35,605	19,781	2,817	17,662	1,932	42,120	4,610	10,637	7,694	24,801	24,038	6,476	13,197	37,748	7,718	19,230	1,171	23,280
Chum (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
27-Jun	26	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	3	-	0	0
04-Jul	27	-	-	2	-	-	-	1	-	-	1	2	-	1	1	-	3	-	-	4	-	1	1
11-Jul	28	-	-	5	1	-	-	1	-	1	1	2	2	1	3	2	3	-	1	4	-	3	1
18-Jul	29	1	3	6	4	1	1	2	-	9	1	4	5	1	3	2	5	-	2	4	2	3	3
25-Jul	30	2	6	8	18	8	13	5	-	15	8	12	12	3	5	8	5	2	5	11	4	3	8
01-Aug	31	3	14	13	42	17	32	12	13	21	11	21	27	7	9	13	12	27	16	13	7	17	
08-Aug	32	17	26	16	75	40	70	34	32	24	16	27	54	13	11	22	24	48	27	19	9	30	
15-Aug	33	35	52	20	93	95	76	49	72	28	36	41	69	23	15	30	32	93	32	28	22	47	
22-Aug	34	63	77	34	109	112	81	89	81	31	50	55	77	38	20	41	60	117	37	42	25	62	
29-Aug	35	70	92	35	157	189	121	117	101	37	77	66	98	70	38	58	103	146	41	54	37	85	
05-Sep	36	178	115	45	175	230	138	139	115	52	97	70	144	96	49	76	130	184	61	77	125	115	
12-Sep	37	219	157	54	175	242	142	139	126	52	108	73	144	103	52	83	141	228	68	82	166	128	
19-Sep	38	240	162	54	175	242	144	139	132	52	108	75	156	106	52	83	141	228	68	87	166	131	
Grand Total		240	162	54	175	242	144	139	132	52	108	75	156	106	52	83	141	228	68	87	166	3	131

Nass Fishwheel Catches 2020 - GW only (May 31 - July 26)



Chinook (GW wheels only)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	94-19 Cum Mean
06-Jun	23	-	-	-	-	-	1	-	-	1	-	8	-	9	4	9	6	5	6	6	22	8	5
13-Jun	24	3	163	-	-	6	28	10	-	29	-	25	22	18	21	65	55	58	12	12	60	17	40
20-Jun	25	272	428	-	455	271	198	23	3	94	56	83	75	66	50	133	283	112	51	39	108	38	190
27-Jun	26	1,205	1,283	697	1,405	275	689	829	318	250	733	246	203	70	90	195	824	234	83	118	400	55	539
04-Jul	27	1,416	3,354	1,458	1,510	660	856	1,464	971	382	1,115	281	401	707	485	296	1,263	347	105	230	460	179	961
11-Jul	28	1,563	4,097	1,676	1,710	869	1,006	1,565	1,880	787	1,184	298	450	989	568	351	1,345	405	135	255	592	610	1,157
18-Jul	29	1,859	4,375	1,704	1,771	987	1,058	1,733	1,889	877	1,224	306	488	1,030	580	378	1,410	419	157	274	682	697	1,229
25-Jul	30	1,892	4,409	1,723	1,833	1,013	1,084	1,753	2,073	887	1,252	312	508	1,239	589	392	1,427	426	169	295	705	744	1,264
01-Aug	31	1,908	4,478	1,735	1,861	1,032	1,095	1,767	2,148	898	1,268	319	516	1,310	594	403	1,450	442	179	301	719	-	1,283
08-Aug	32	1,961	4,500	1,743	1,877	1,050	1,108	1,784	2,156	907	1,295	323	523	1,330	597	420	1,459	458	196	316	723	-	1,298
15-Aug	33	1,991	4,520	1,749	1,888	1,081	1,114	1,797	2,171	913	1,308	330	526	1,353	601	425	1,469	470	205	323	734	-	1,309
22-Aug	34	2,001	4,525	1,757	1,891	1,095	1,121	1,812	2,182	919	1,316	332	527	1,363	605	431	1,483	474	210	329	739	-	1,317
29-Aug	35	2,004	4,529	1,757	1,896	1,102	1,145	1,817	2,190	932	1,326	333	532	1,367	608	440	1,505	479	220	332	754	-	1,324
05-Sep	36	2,007	4,530	1,763	1,899	1,103	1,151	1,821	2,196	940	1,327	335	542	1,368	611	442	1,510	480	226	336	776	-	1,328
12-Sep	37	2,007	4,531	1,764	1,899	1,103	1,157	1,821	2,201	940	1,329	338	542	1,368	612	446	1,510	483	226	338	779	-	1,328
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	780	-	1,328
Grand Total		2007	4531	1764	1899	1103	1157	1821	2201	940	1329	338	542	1368	612	446	1510	483	226	338	780	744	1,328
Sockeye (GW wheels only)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	94-19 Cum Mean
06-Jun	23	-	-	-	-	-	-	-	-	7	5	9	1	179	23	33	12	10	7	2	8	2	13
13-Jun	24	4	120	-	-	46	42	18	-	78	5	32	65	424	265	466	162	71	17	11	79	15	85
20-Jun	25	426	428	-	1,471	745	562	113	52	467	511	248	517	922	947	1,685	1,295	162	192	134	636	26	533
27-Jun	26	2,889	1,421	4,186	3,311	995	2,108	1,099	1,234	1,977	3,274	1,462	1,799	1,382	4,503	3,300	3,489	767	665	802	2,251	89	1,929
04-Jul	27	9,254	2,995	10,908	5,015	3,330	4,224	3,496	3,431	3,862	4,937	2,157	3,369	9,005	10,221	4,582	5,589	1,480	1,570	2,154	3,663	812	4,496
11-Jul	28	11,409	4,608	15,326	7,362	7,931	6,205	5,743	5,225	8,298	6,486	3,402	4,065	10,449	10,974	5,498	7,952	2,266	2,813	2,974	5,218	4,029	6,616
18-Jul	29	12,775	7,277	17,181	9,904	10,642	8,180	7,631	5,716	10,157	8,031	4,197	6,893	12,640	11,514	6,593	9,505	3,251	3,581	3,637	6,628	5,517	8,321
25-Jul	30	13,729	9,186	20,146	12,566	12,656	10,020	9,524	9,045	11,375	9,305	4,941	9,838	18,090	12,406	7,748	11,692	4,905	4,249	4,807	7,303	7,583	10,136
01-Aug	31	14,666	12,247	22,636	15,044	13,859	11,079	11,533	11,626	12,244	11,347	5,723	11,402	21,231	12,751	8,634	15,149	6,260	5,299	6,153	7,994	-	11,699
08-Aug	32	16,829	13,225	23,600	16,527	15,505	11,746	13,148	13,091	12,767	14,129	6,411	12,006	23,002	12,974	9,463	17,316	7,653	6,486	7,739	8,605	-	12,897
15-Aug	33	17,431	13,591	24,206	17,378	16,963	12,487	14,245	13,722	13,261	14,876	6,793	12,323	23,862	13,148	10,270	19,192	8,976	7,528	8,661	9,526	-	13,740
22-Aug	34	17,553	13,734	24,745	17,720	17,780	13,071	15,536	14,025	13,701	15,155	7,008	12,438	24,142	13,208	10,766	20,747	9,714	8,161	9,215	9,880	-	14,246
29-Aug	35	17,629	13,829	24,947	17,822	18,039	14,045	16,023	14,174	13,881	15,333	7,077	12,881	24,210	13,284	11,192	22,422	10,360	8,859	9,580	11,504	-	14,649
05-Sep	36	17,764	13,910	25,323	17,860	18,131	14,502	16,451	14,265	13,963	15,449	7,116	13,361	24,227	13,303	11,439	23,158	10,986	9,500	9,937	12,365	-	14,984
12-Sep	37	17,824	13,933	25,362	17,860	18,176	14,760	16,451	14,320	13,964	15,563	7,155	13,367	24,236	13,312	11,613	23,519	11,181	9,693	10,066	12,576	-	14,984
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,588	-	14,984
Grand Total		17,824	13,933	25,362	17,860	18,176	14,760	16,451	14,320	13,964	15,563	7,155	13,367	24,236	13,312	11,613	23,519	11,181	9,693	10,066	12,588	7,583	14,984
Steelhead (GW wheels only)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	94-19 Cum Mean
06-Jun	23	-	-	-	-	-	1	-	-	-	-	-	-	2	1	3	2	1	1	-	9	2	1
13-Jun	24	-	6	-	-	1	2	2	-	4	-	-	-	7	5	7	9	1	1	-	12	2	3
20-Jun	25	1	8	-	-	2	4	2	-	4	7	-	2	7	6	8	14	3	5	-	12	2	5
27-Jun	26	1	8	-	-	2	5	4	2	4	10	-	6	7	6	10	14	3	5	-	12	2	6
04-Jul	27	1	8	-	-	2	5	4	2	4	10	-	6	10	6	10	14	3	5	1	12	2	6
11-Jul	28	2	8	-	-	2	5	4	5	4	10	-	6	11	6	11	15	8	5	3	12	3	6
18-Jul	29	6	10	1	-	2	7	5	6	6	10	-	6	11	6	17	23	8	5	10	15	3	8
25-Jul	30	11	11	4	7	6	12	7	6	16	12	-	9	15	11	38	25	16	9	49	16	7	14
01-Aug	31	25	24	31	36	27	19	12	9	42	23	4	16	28	22	67	41	99	21	89	25	-	31
08-Aug	32	111	64	61	72	64	31	31	22	74	78	14	25	85	25	154	80	212	55	180	34	-	66
15-Aug	33	216	141	76	131	138	44	49	48	88	187	74	39	225	39	199	109	274	93	272	55	-	111
22-Aug	34	263	208	137	175	182	53	88	78	152	288	119	50	372	53	297	189	333	130	390	63	-	164
29-Aug	35	286	265	157	224	218	106	122	105	223	380	180	87	462	85	483	277	369	192	432	106	-	219
05-Sep	36	394	359	261	249	236	142	147	143	290	486	202	199	553	115	547	327	418	277	466	262	-	275
12-Sep	37	422	412	296	249	241	154	147	161	293	514	268	201	606	134	617	369	452	316	491	311	-	321
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	316	-	321
Grand Total		422	412	296	249	241	154	147	161	293	514	268	201	606	134	617	369	452	316	491	316	7	321

Coho (GW wheels only)																						94-19	Cum	Mean		
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
11-Jul	28	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	2	-	1	-	1			0	
18-Jul	29	1	-	2	6	10	6	12	-	6	7	6	7	2	30	2	10	19	11	1	2	1			6	
25-Jul	30	9	3	27	76	101	71	78	27	81	75	45	46	30	177	91	44	125	116	19	45	22			51	
01-Aug	31	83	150	171	256	428	219	408	153	315	400	314	186	215	537	514	160	436	554	133	244				250	
08-Aug	32	1,206	790	540	690	1,049	495	1,179	415	1,162	1,797	1,207	487	1,124	1,441	1,799	461	1,164	1,728	437	697				847	
15-Aug	33	1,750	2,683	1,281	1,304	2,197	1,355	2,267	906	2,172	2,637	2,289	669	2,987	2,387	2,731	793	2,177	2,704	845	1,355				1,687	
22-Aug	34	1,981	3,715	2,435	1,908	3,169	2,362	3,311	1,344	3,517	3,900	3,099	841	4,068	3,111	4,544	1,216	3,250	3,434	1,150	1,707				2,465	
29-Aug	35	2,297	4,322	3,018	2,283	3,516	3,914	3,581	1,673	4,525	5,254	3,342	1,351	4,629	3,781	5,373	1,609	3,860	4,435	1,348	3,571				3,087	
05-Sep	36	2,703	5,198	4,930	2,445	3,668	4,653	3,798	1,930	5,132	6,068	3,456	1,877	5,042	4,105	5,996	1,887	4,293	5,337	1,466	4,148				3,651	
12-Sep	37	2,790	5,495	5,067	2,445	3,726	5,004	3,798	2,167	5,150	6,348	3,705	1,898	5,311	4,350	6,608	1,958	4,456	5,572	1,513	4,349				3,865	
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,363				3,865
Grand Total		2790	5495	5067	2445	3726	5004	3798	2167	5150	6348	3705	1898	5311	4350	6608	1958	4456	5572	1513	4363	22			3,865	

Pinks (GW wheels only)																						MEAN	ODD YR	(95-17)		
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			-	
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			-	
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			-	
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			-	
04-Jul	27	-	1	-	4	4	13	1	-	-	5	-	-	-	6	-	26	-	1	-	11	2			5	
11-Jul	28	-	12	3	137	30	57	5	1	1	16	-	-	-	108	4	104	31	20	5	42	1			43	
18-Jul	29	32	69	41	2,063	270	1,027	40	1	34	141	2	9	-	382	68	403	135	134	44	342	30			389	
25-Jul	30	126	196	162	8,725	1,680	3,792	164	120	86	1,785	3	74	14	2,701	1,054	646	724	1,494	329	1,062	583			1,711	
01-Aug	31	223	4,850	1,021	15,030	6,052	5,399	657	2,290	243	3,779	25	622	190	5,343	2,986	1,428	2,895	5,350	1,042	3,798				4,044	
08-Aug	32	2,761	10,338	2,570	17,939	9,858	6,611	1,271	5,013	516	9,318	98	1,256	895	9,007	5,790	2,631	4,505	11,767	2,572	5,735				6,824	
15-Aug	33	5,296	14,355	3,913	19,893	13,972	7,586	1,492	7,151	816	12,591	673	1,376	2,093	11,726	6,751	3,159	5,751	15,431	3,631	7,686				9,023	
22-Aug	34	5,792	16,464	5,987	21,300	15,610	8,311	1,821	7,811	1,054	13,997	980	1,415	3,200	13,079	10,299	3,749	6,679	16,859	4,509	8,115				10,342	
29-Aug	35	6,009	17,972	6,190	22,405	16,240	9,190	1,912	8,211	1,209	15,308	1,059	1,477	3,735	14,062	13,961	4,029	7,153	18,660	4,826	9,029				11,453	
05-Sep	36	6,535	22,231	8,329	22,783	16,376	9,389	1,961	8,336	1,345	15,799	1,087	1,559	4,020	14,449	16,472	4,098	7,487	20,669	4,953	9,441				12,366	
12-Sep	37	6,592	26,539	8,705	22,783	16,415	9,475	1,961	8,437	1,357	15,987	1,115	1,559	4,147	14,599	17,318	4,112	7,576	21,032	4,972	9,519				12,897	
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,521				12,897
Grand Total		6,592	26,539	8,705	22,783	16,415	9,475	1,961	8,437	1,357	15,987	1,115	1,559	4,147	14,599	17,318	4,112	7,576	21,032	4,972	9,521	583			12,897	

Chum (GW wheels only)																						94-19	Cum	Mean		
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
06-Jun	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			0	
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			1	
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1			1	
04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	4	-	3			1	
11-Jul	28	-	-	1	-	-	-	-	-	1	-	-	1	1	2	-	2	-	-	4	-	3			1	
18-Jul	29	1	2	1	1	-	1	-	-	7	-	-	2	1	2	-	4	-	-	4	2	3			2	
25-Jul	30	2	5	3	12	7	8	1	-	10	4	-	4	3	3	4	4	2	2	9	4	4			5	
01-Aug	31	3	8	7	25	11	13	6	5	15	6	1	8	7	4	9	8	22	8	11	7				10	
08-Aug	32	17	16	9	42	25	25	20	11	18	11	4	10	12	4	16	16	38	15	16	8				19	
15-Aug	33	29	29	13	52	59	26	31	18	19	23	10	14	18	8	21	23	55	18	24	14				30	
22-Aug	34	46	45	22	62	74	27	47	21	22	28	14	16	26	12	31	50	77	21	32	16				45	
29-Aug	35	51	57	22	87	114	48	55	31	26	45	17	19	40	24	46	85	99	23	36	27				61	
05-Sep	36	142	77	32	99	140	62	69	36	38	53	18	22	53	31	57	107	135	36	57	97				84	
12-Sep	37	166	111	38	99	145	66	69	45	38	59	18	22	58	34	64	118	179	41	61	131				96	
19-Sep	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131				96
Grand Total		166	111	38	99	145	66	69	45	38	59	18	22	58	34	64	118	179	41	61	131	4			96	

In-season Nass Sockeye Escapement Estimates to Gitwinksihlkw - 2020 Nass River Fishwheels [Best estimates are bolded]

Date	Gitwinksihlkw (GW) Test Fishery Catch ^{1,2}					Fishwheel Tags				Grease Harbour (FW3, 4, 5, 6, IS Fishery) ^{1,2}						In-season Cum. Esc. at GW based on:					In-season Cum. Estimate ⁵	Daily Esc.					
	Daily		Adj.	Cum.	Daily	Daily	Cum.	Prop.	Catch	Cum.	IS	Raw	Cum.	Adj.	Exp.	Historical catchability (q) ³			Daily Water Level ⁴	Mark rec. (-10% TL)							
	FW1	FW2														Total	catch	catch					FW1	FW2	Total	Tag	Tag (incl. rcps)
																		12.4%	5.1%	2.6%			5.0%	6.9%			
31-May-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-Jun-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-Jun-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-Jun-20	0	1	1	1	1	0	1	1	1	100%	0	0	0	0	0	0	11	22	32	32	32	32	32	32	32	32	32
4-Jun-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	0	11	22	32	32	32	32	32	32	32	32	0
5-Jun-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	0	11	22	32	32	32	32	32	32	32	32	0
6-Jun-20	0	1	1	1	2	0	1	1	2	100%	0	0	0	0	0	0	23	44	65	66	66	66	66	66	66	66	34
7-Jun-20	0	1	1	1	3	0	1	1	3	100%	0	0	0	0	0	0	34	66	97	98	98	98	98	98	98	98	32
8-Jun-20	0	0	0	0	3	0	0	0	3	0%	0	0	0	0	0	0	34	66	97	98	98	98	98	98	98	98	0
9-Jun-20	1	0	1	1	4	1	0	1	4	100%	1	1	0	0	0	0	46	88	129	131	131	131	131	131	131	32	
10-Jun-20	0	4	4	4	8	0	3	3	7	75%	0	1	0	0	0	0	91	175	259	260	260	260	260	260	260	129	
11-Jun-20	1	1	2	2	10	1	1	2	9	100%	0	1	0	0	0	0	114	219	323	325	325	325	325	325	325	65	
12-Jun-20	0	2	2	2	12	0	2	2	11	100%	0	1	0	0	0	0	137	263	388	389	389	389	389	389	389	65	
13-Jun-20	0	3	3	3	15	0	3	3	14	100%	2	3	0	0	0	0	171	329	485	455	455	455	455	455	455	66	
14-Jun-20	0	1	1	1	16	0	1	1	15	100%	0	3	0	0	0	0	182	350	517	477	477	477	477	477	477	22	
15-Jun-20	0	0	0	0	16	0	0	0	15	0%	2	5	0	0	0	0	182	350	517	477	477	477	477	477	477	0	
16-Jun-20	0	1	1	1	17	0	1	1	16	100%	2	7	0	0	0	0	194	372	550	499	499	499	499	499	499	22	
17-Jun-20	0	1	1	1	18	0	1	1	17	100%	0	7	0	0	0	0	205	394	582	521	521	521	521	521	521	22	
18-Jun-20	1	2	3	3	21	1	2	3	20	100%	3	10	0	0	0	0	239	460	679	586	586	586	586	586	586	66	
19-Jun-20	2	3	5	5	26	2	3	5	25	100%	0	10	0	0	0	0	296	569	841	643	643	643	643	643	643	57	
20-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	643	643	643	643	643	643	0	
21-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	643	643	643	643	643	643	0	
22-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	643	643	643	643	643	643	0	
23-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	643	643	643	643	643	643	0	
24-Jun-20	2	3	5	5	31	2	3	5	30	100%	1	11	0	0	0	0	353	679	1,002	753	753	753	753	753	753	110	
25-Jun-20	4	7	11	11	42	4	7	11	41	100%	4	15	0	0	0	0	478	920	1,358	994	994	994	994	994	994	241	
26-Jun-20	3	14	17	17	59	3	14	17	58	100%	22	37	0	1	1	0	672	1,292	1,908	1,366	1,366	1,366	1,366	1,366	1,366	372	
27-Jun-20	5	25	30	30	89	5	24	29	87	97%	40	77	0	1	0	0	1,014	1,949	2,878	2,336	2,336	2,336	2,336	2,336	2,336	970	
28-Jun-20	4	31	35	35	124	4	30	34	121	97%	20	97	1	2	7	0	1,344	2,616	3,976	3,003	3,003	3,003	3,003	3,003	3,003	666	
29-Jun-20	6	114	120	120	244	6	88	94	215	78%	55	152	3	5	12	0	2,475	4,901	7,739	5,287	5,287	5,287	5,287	5,287	5,287	2,285	
30-Jun-20	23	106	129	129	373	22	71	93	308	72%	44	196	1	6	3	0	3,690	7,357	11,785	7,744	7,744	7,744	7,744	7,744	7,744	2,456	
1-Jul-20	31	148	179	179	552	28	120	148	456	83%	28	224	0	6	0	0	5,025	10,253	17,225	10,640	10,640	10,640	10,640	10,640	10,640	2,896	
2-Jul-20	42	192	234	234	786	31	76	107	563	46%	63	287	2	8	7	0	6,770	14,039	24,336	14,426	14,426	14,426	14,426	14,426	14,426	3,514	
3-Jul-20	6	12	18	33	819	6	12	18	581	100%	25	312	2	10	5	0	7,019	14,579	25,351	14,675	14,675	14,675	14,675	14,675	14,675	792	
4-Jul-20	2	6	8	11	831	2	5	7	588	88%	2	314	0	10	0	0	7,102	14,760	25,690	14,758	14,758	14,758	14,758	14,758	14,758	182	
5-Jul-20	7	44	51	51	882	6	42	48	636	94%	6	320	0	10	0	0	7,482	15,585	27,240	15,138	15,138	15,138	15,138	15,138	15,138	580	
6-Jul-20	66	247	313	313	1195	58	187	245	881	78%	16	336	0	10	0	MR	9,816	20,649	36,752	20,202	19,516	19,516	19,516	19,516	19,516	3,808	
7-Jul-20	223	607	830	830	2025	128	317	445	1326	54%	242	578	8	18	9	15.0	16,005	34,077	61,975	33,631	30,013	30,013	30,013	30,013	30,013	10,497	
8-Jul-20	218	389	607	607	2632	114	202	316	1642	52%	970	1548	17	35	28	23.7	20,531	43,898	80,421	43,451	37,838	37,838	37,838	37,838	37,838	7,825	
9-Jul-20	202	337	539	539	3171	113	204	317	1959	59%	1528	3076	30	65	112	16.3	24,550	52,618	96,800	52,172	44,792	44,792	44,792	44,792	44,792	6,954	
10-Jul-20	184	346	530	530	3701	133	205	338	2297	64%	1383	4459	40	105	170	11.4	28,502	61,193	112,906	68,278	51,935	51,935	51,935	51,935	7,143		
11-Jul-20	121	226	347	347	4048	77	110	187	2484	54%	921	5380	15	120	46	12.2	31,089	66,807	123,451	73,892	56,642	56,642	56,642	56,642	56,642	4,707	
12-Jul-20	87	181	268	268	4316	62	78	140	2624	52%	619	5999	11	131	29	12.6	33,088	71,143	131,596	78,228	60,288	60,288	60,288	60,288	60,288	3,646	
13-Jul-20	140	200	340	340	4656	100	121	221	2845	65%	902	6901	26	157	54	12.9	35,623	76,644	141,928	83,729	64,981	64,981	64,981	64,981	64,981	4,693	
14-Jul-20	100	169	269	269	4925	54	71	125	2970	46%	733	7634	36	193	50	12.9	37,629	80,996	150,103	91,903	68,779	68,779	68,779	68,779	68,779	3,798	
15-Jul-20	73	185	258	258	5183	46	98	144	3114	56%	635	8269	16	209	20	13.5	39,725	86,351	160,740	97,258	72,545	72,545	72,545	72,545	72,545	3,766	
16-Jul-20	15	175	190	190	5373	13	99	112	3226	59%	115	8384	3	212	4	13.6	41,395	91,164	170,635	98,929	75,362	75,362	75,362	75,362	75,362	2,817	
17-Jul-20	5	25	30	30	5403	5	22	27	3253	90%	22	8406	0	212	0	13.6	41,659	91,924	172,197	99,193	75,815	75,815	75,815	75,815	75,815	453	
18-Jul-20	39	94	133	133	5536	33	86	119	3372	89%	139	8545	1	213	1	13.8	42,829	95,294	179,123	100,362	77,862	77,862	77,862	77,862	77,862	2,047	
19-Jul-20	66	145	211	211	5747	63	84	147	3519	70%	380	8925	9	222	12	14.1	44,684	100,639	190,111	102,218	81,159	81,159	81,159	81,159	81,159	3,297	
20-Jul-20	58	139	197	197	5944	38	63	101	3620	51%	645	9570	18	240	21	14.6	46,416	105,629	200,370	107,208	84,254	84,254	84,254	84,254	84,254	3,096	
21-Jul-20	47	149	196	196	6140	41	78	119	3739	61%	256	9826	5	245	7	14.8	48,140	110,595	210,577	112,173	87,316	87,316	87,316	87,316	87,316	3,061	

In-season Nass Sockeye Escapement Estimates to Gitwinksihlkw - 2020 Nass River Fishwheels [Best estimates are bolded]

Date	Gitwinksihlkw (GW) Test Fishery Catch ^{1,2}				Fishwheel Tags				Grease Harbour (FW3, 4, 5, 6, IS Fishery) ^{1,2}						In-season Cum. Esc. at GW based on:					In-season Cum. Estimate ⁵	Daily Esc.			
	Daily		Adj.	Cum.	Daily	Daily	Cum.	Prop.	Catch	Cum.	IS	Raw	Cum.	Adj.	Exp.	Historical catchability (q) ³			Daily Water			Mark rec.		
	FW1	FW2	Total	catch	catch	FW1	FW2	Total	Tag	Tag (incl. rcps)	catch	catch	Recaps	recaps	Recaps	Factor	High q	Mean (94-19)	Low q			Level ⁴	(-10% TL)	
																	12.4%	5.1%	2.6%	5.0%	6.9%			
22-Jul-20	75	177	252	252	6392	67	119	186	3925	74%	751	10577		23	268	33	15.1	50,355	116,978	223,700	118,557	91,252	91,252	3,936
23-Jul-20	125	190	315	315	6707	85	106	191	4116	61%	1141	11718		39	307	54	15.4	53,125	124,958	240,104	126,537	96,172	96,172	4,920
24-Jul-20	180	226	406	406	7113	65	110	175	4291	43%	695	12413		15	322	29	15.6	56,695	135,243	261,246	136,822	102,514	102,514	6,342
25-Jul-20	199	290	489	489	7602	100	164	264	4555	54%	640	13053		14	336	32	15.7	60,995	147,631	286,711	149,210	110,152	110,152	7,638
26-Jul-20	219	263	482	482	8084	119	129	248	4803	51%	682	13735		21	357	43	15.6	65,233	159,841	311,812	161,420	117,681	117,681	7,529
Total	2582	5483	8065	8084	1638	3165	4803	60%	13735		0	357						65,233	159,841	311,812	161,420	117,681	117,681	

¹ The GW fishwheels started on 31 May (FW1 and FW2). Three GH fishwheels started on 6 June (FW3, FW5, and FW6).

² Shaded dates indicate periods of non-operation (portion or whole day) of fishwheels due to high water levels or other factors. When fish passage is anticipated, adjustment to catch is estimated.

³ See below for exp. factors (EF) used (non-bolded are transition interpolation between periods) based on period catchability results from 1994-2019.

⁴ Daily water level estimates are using daily expansion factors (H, L or Avg.) adjusted for water levels experienced each day.

⁵ The in-season estimate is based on historic expansion factors adjusted by daily water levels until 15 or more recaps are captured at the GH fishwheels and weekly mark rates are finalized from catch and tag recoveries to generate a mark-recapture estimate.

Period	Avg.	Low	Low (98)	High	%Avg	%Low	%High	1998
1-27 June	21.9	32.3	33.5	11.4	4.6%	3.1%	8.8%	3.0%
28-30 Jun	19.0	31.4	33.5	9.4	5.3%	3.2%	10.6%	3.0%
1 July-14 July	16.2	30.4	33.4	7.5	6.2%	3.3%	13.4%	3.0%
15 July	20.8	41.2	64.5	8.1	4.8%	2.4%	12.3%	1.6%
16-31 July; 1-3 Ag	25.3	52.1	95.6	8.8	3.9%	1.9%	11.4%	1.0%
4-7 Aug	27.4	58.2	88.3	9.6	3.7%	1.7%	10.4%	1.1%
8-14 Aug	29.4	64.3	81.0	10.4	3.4%	1.6%	9.7%	1.2%
15 August	26.7	56.4	62.1	11.4	3.7%	1.8%	8.8%	1.6%
16-31 Aug; Sep	24.0	48.5	43.3	12.4	4.2%	2.1%	8.1%	2.3%

PLEASE NOTE THAT THE MARK RECAPTURE ESTIMATES ARE CONSIDERED FINAL TO: **21-Jul**
 VARIABLE FROM (SHADED): **22-Jul** TO **26-Jul**

In-season Chinook Escapement Estimates to Gitwinksihlkw - 2020 Nass River Fishwheels [Best Estimates are Bolded]

Date ²	Gitwinksihlkw catch					Grease Harbour catch					All Wheels		Tags Applied						Cumulative Escapement using (FW1 & FW2):					In-season Estimate ⁸	Daily Esc.																			
	Test Fishery catch		Upstream fishwheels			Catch ¹		All Wheels				Daily %		Hist. catch index est. 94-19					SO MR ⁷																									
	FW1	FW2	Total	Adj	Cum.	FW3	FW5	FW6	Total	Cum.	Total	Cum.	FW1	FW2	FW3	FW5	FW6	Total		Cum.	tagged	High q ³	Mean ⁴			Low q ⁵	WL ⁶																	
																					13.1%	6.7%	2.1%	6.6%	8.6%																			
31-May-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
01-Jun-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
02-Jun-20	1	0	1	1	1	0	0	0	0	0	1	1	0	1	0	0	0	1	1	100%	8	15	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48					
03-Jun-20	0	2	2	2	3	0	0	0	0	0	2	3	0	2	0	0	0	2	3	100%	23	44	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144			
04-Jun-20	0	1	1	1	4	0	0	0	0	0	1	4	0	0	0	0	0	0	3	0%	31	59	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192			
05-Jun-20	0	2	2	2	6	0	0	0	0	0	2	6	0	2	0	0	0	2	5	100%	46	89	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288		
06-Jun-20	0	2	2	2	8	0	0	0	0	0	2	8	0	2	0	0	0	2	7	100%	61	119	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384		
07-Jun-20	0	0	0	0	8	1	1	1	3	3	3	11	0	0	0	1	0	1	8	33%	61	119	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384			
08-Jun-20	0	2	2	2	10	0	0	0	0	3	2	13	0	2	0	0	0	2	10	100%	77	148	481	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414		
09-Jun-20	0	0	0	0	10	0	0	0	0	3	0	13	0	0	0	0	0	0	10	0%	77	148	481	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	
10-Jun-20	0	1	1	1	11	1	0	1	2	5	3	16	0	1	1	0	1	3	13	100%	84	163	529	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	
11-Jun-20	0	0	0	0	11	0	0	0	0	5	0	16	0	0	0	0	0	0	13	0%	84	163	529	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	462	
12-Jun-20	0	1	1	1	12	0	0	0	0	5	1	17	0	1	0	0	0	1	14	100%	92	178	577	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	
13-Jun-20	2	3	5	5	17	0	0	2	2	7	7	24	2	3	0	0	2	7	21	100%	130	252	817	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	
14-Jun-20	0	0	0	0	17	0	0	1	1	8	1	25	0	0	0	0	1	1	22	100%	130	252	817	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	
15-Jun-20	3	4	7	7	24	0	2	2	4	12	11	36	3	4	0	2	2	11	33	100%	184	356	1,153	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	
16-Jun-20	1	1	2	2	26	0	0	0	0	12	2	38	1	1	0	0	0	2	35	100%	199	385	1,249	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	
17-Jun-20	0	0	0	0	26	0	1	1	2	14	2	40	0	0	0	1	1	2	37	100%	199	385	1,249	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	718	
18-Jun-20	0	3	3	3	29	2	1	0	3	17	6	46	0	3	1	1	0	5	42	83%	222	430	1,393	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	762	
19-Jun-20	0	8	8	8	37	2	0	0	2	19	10	56	0	7	2	0	0	9	51	90%	283	548	1,778	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	823	
20-Jun-20	1	0	1	3	40	0	0	0	0	19	1	57	1	0	0	0	0	1	52	100%	306	593	1,922	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	
21-Jun-20	0	0	0	0	40	0	0	0	0	19	0	57	0	0	0	0	0	0	52	0%	306	593	1,922	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	
22-Jun-20	0	0	0	0	40	0	0	0	0	19	0	57	0	0	0	0	0	0	52	0%	306	593	1,922	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	
23-Jun-20	0	0	0	0	40	0	0	0	0	19	0	57	0	0	0	0	0	0	52	0%	306	593	1,922	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	846	
24-Jun-20	0	1	1	1	41	0	0	0	0	19	1	58	0	1	0	0	0	1	53	100%	314	608	1,970	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	
25-Jun-20	1	1	2	2	43	0	1	0	1	20	3	61	1	1	0	1	0	3	56	100%	329	637	2,066	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	891	
26-Jun-20	0	4	4	4	47	3	6	3	12	32	16	77	0	4	3	6	3	16	72	100%	360	697	2,258	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	
27-Jun-20	4	6	10	10	57	4	6	1	11	43	21	98	4	6	4	4	1	19	91	90%	437	845	2,739	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	
28-Jun-20	1	8	9	9	66	2	4	1	7	50	16	114	1	8	2	4	1	16	107	100%	505	978	3,171	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	1,564	
29-Jun-20	4	48	52	52	118	19	9	8	36	86	88	202	4	47	13	9	8	81	188	92%	904	1,749	5,670	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	
30-Jun-20	5	11	16	16	134	3	5	3	11	97	27	229	5	11	3	5	3	27	215	100%	1,026	1,986	6,439	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	2,572	
01-Jul-20	3	20	23	23	157	2	2	0	4	101	27	256	3	18	2	2	0	25	240	93%	1,202	2,327	7,544	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	
02-Jul-20	5	15	20	20	177	3	6	1	10	111	30	286	5	15	3	6	1	30	270	100%	1,356	2,624	8,505	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	3,066	
03-Jul-20	1	3	4	4	181	1	1	0	2	113	6	292	1	3	1	1	0	6	276	100%	1,386	2,683	8,697	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097
04-Jul-20	0	0	0	0	181	0	0	0	0	113	0	292	0	0	0	0	0	0	276	0%	1,386	2,683	8,697	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	3,097	
05-Jul-20	0	0	0	0	181	0	0	0	0	113																																		

In-season Chinook Escapement Estimates to Gitwinksihlkw - 2020 Nass River Fishwheels [Best Estimates are Bolded]

Date ²	Gitwinksihlkw catch					Grease Harbour catch					All Wheels		Tags Applied					Cumulative Escapement using (FW1 & FW2):					In-season Estimate ⁸	Daily Esc.			
	Test Fishery catch					Upstream fishwheels					Total	Catch ¹	All Wheels					Daily %	Hist. catch index est. 94-19								
	FW1	FW2	Total	Adj	Cum.	FW3	FW5	FW6	Total	Cum.			FW1	FW2	FW3	FW5	FW6		Total	Cum.	tagged	High q ³			Mean ⁴	Low q ⁵	WL ⁶
																			13.1%	6.7%	2.1%	6.6%	8.6%				
16-Jul-20	0	4	4	4	697	0	4	6	10	1508	14	2203	0	4	0	3	6	13	2004	93%	5,338	10,332	33,491	10,689	8,080	8,080	44
17-Jul-20	0	0	0	0	697	0	2	2	4	1512	4	2207	0	0	0	2	2	4	2008	100%	5,338	10,332	33,491	10,689	8,080	8,080	0
18-Jul-20	0	2	2	2	699	1	1	2	4	1516	6	2213	0	2	1	1	2	6	2014	100%	5,354	10,362	33,587	10,704	8,103	8,103	23
19-Jul-20	0	5	5	5	704	5	2	3	10	1526	15	2228	0	5	5	2	3	15	2029	100%	5,392	10,436	33,827	10,743	8,162	8,162	59
20-Jul-20	1	5	6	6	710	19	10	4	33	1559	39	2267	1	5	17	8	3	34	2063	87%	5,438	10,525	34,116	10,788	8,233	8,233	71
21-Jul-20	0	5	5	5	715	5	7	2	14	1573	19	2286	0	5	3	7	2	17	2080	89%	5,476	10,599	34,356	10,827	8,292	8,292	59
22-Jul-20	2	3	5	5	720	6	4	0	10	1583	15	2301	2	3	6	2	0	13	2093	87%	5,514	10,673	34,596	10,865	8,350	8,350	59
23-Jul-20	2	6	8	8	728	36	38	27	101	1684	109	2410	2	5	35	37	27	106	2199	97%	5,576	10,792	34,981	10,984	8,444	8,444	94
24-Jul-20	4	6	10	10	738	30	12	22	64	1748	74	2484	4	4	30	10	19	67	2266	91%	5,652	10,940	35,461	11,132	8,562	8,562	117
25-Jul-20	5	3	8	8	746	24	14	17	55	1803	63	2547	4	2	23	14	14	57	2323	90%	5,714	11,059	35,845	11,250	8,655	8,655	94
26-Jul-20	3	13	16	16	762	13	11	14	38	1841	54	2601	2	11	11	11	11	46	2369	85%	5,836	11,296	36,614	11,488	8,843	8,843	188
Totals	162	598	760	762		522	764	555	1841		2601		144	551	479	703	492	2369	91%	5,836	11,296	36,614	11,488	8,843		8,843	

¹ The GW fishwheels started on 31 May (FW1 and FW2). Three GH fishwheels started on 6 June (FW3, FW5, and FW6).
² Shaded dates indicate periods of non-operation (portion or whole day) of fishwheels due to high water levels or other factors. When fish passage is anticipated, adjustment to catch is estimated.
³ Low catch-index expansion estimates ("High q") based on high catchability/ideal water levels at FW1 and FW2 that were derived from 2001 expansion factor (7.66 or 13.06%).
⁴ Average catch-index expansion estimates based on mean catchability at FW1 and FW2 from 1994 to 2019 expansion factors (14.82 or 6.75%).
⁵ High catch-index estimates ("Low q") based on low catchability/water levels at FW1 and FW2 that were derived from expansion factors from 2010 (q: 60.90 or 1.6%).
⁶ Cumulative GW adj. catch is expanded by historical catch index factors based on daily water levels (WL) mark-recapture rates to estimate cumulative escapement to GW.
⁷ Cumulative GW adj. catch is expanded by historical catch index factors based on in-season sockeye mark-recapture rates (SO MR) to estimate cumulative escapement to GW.
⁸ In-season estimate is using an in-season sockeye catch rate method to estimate the cumulative Chinook run size passage in 2020.

In-season Coho Escapement Estimates to Gitwinksihlkw - 2020 Nass River Fishwheels [Best Estimates are Bolded]

12:47 AM 2020-07-27

Date ²	Gitwinksihlkw Test Fishery Catch ¹					Fishwheel Tags (GW only)					Grease Harbour (FW3-6 incl. recaps & IS fisher)					All Wheels		Est. cumulative escapement at GW							
	FW1	FW2	Total	Adj. catch	Cum	FW1	FW2	Total	Cum. tagged	Prop. tagged	FW Catch	Cum. catch	Raw GW recaps	Cum. GW recaps	Adj. GW recaps	Total	Cum.	Catch-index Est. Range (historical)				MR method			
																		High q (12) ³	Mean (94-19) ⁴	Low q (11) ⁵	Daily Water Level ⁶	SO MR	CO MR ⁷	Best Est.	Daily Esc.
14-Jul-20	1	0	1	1	1	1	0	1	1	100%	0	0	0	0	1	1	13	21	39	39	13		13	13	
15-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	1	13	21	39	39	13		13	0	
16-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	1	13	21	39	39	13		13	0		
17-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	1	13	21	39	39	13		13	0		
18-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	1	13	21	39	39	13		13	0		
19-Jul-20	1	1	2	2	3	1	1	2	3	100%	0	0	0	0	2	3	38	63	116	64	41		41	28	
20-Jul-20	0	0	0	0	3	0	0	0	3	0%	0	0	0	0	3	38	63	116	64	41		41	0		
21-Jul-20	0	0	0	0	3	0	0	0	3	0%	1	1	0	0	1	4	38	63	116	64	41		41	0	
22-Jul-20	0	3	3	3	6	0	3	3	6	100%	0	1	0	0	3	7	77	127	232	128	86		86	45	
23-Jul-20	0	2	2	2	8	0	2	2	8	100%	4	5	0	0	6	13	103	169	309	170	117		117	31	
24-Jul-20	3	1	4	4	12	3	1	4	12	100%	3	8	0	0	7	20	154	253	463	254	180		180	62	
25-Jul-20	7	3	10	10	22	7	3	10	22	100%	4	12	1	1	13	33	282	464	849	465	337		337	157	
26-Jul-20	13	4	17	17	39	11	3	14	36	82%	0	12	0	1	17	50	500	823	1,505	824	602		602	266	
Total	25	14	39	39		23	13	36		92%	12		1		50										602

¹ The GW fishwheels started on 31 May (FW1 and FW2). The GH fishwheels started on 6 June (FW3, FW5, and FW6).

Shutdown dates were: xx August (FW4), xx Sep (FW6), xx Sep (FW3 and FW5), and xx Sep (FW1 and FW2).

² Shaded dates indicate periods of non-operation (portion or whole day) of fishwheels due to high water levels or other factors. When fish passage is anticipated, adjustment to catch is estimated.

³ Low catch-index estimates ("High q") based on high catchability/ideal water levels at FW1 and FW2 that were derived from 2012 expansion factor (12.82 or 7.80%).

⁴ Average catch-index estimates based on mean catchability at FW1 and FW2 from 1994 to 2019 expansion factors (21.11 or 4.74%).

⁵ High catch-index estimates ("Low q") based on low catchability/water levels at FW1 and FW2 that were derived from expansion factors from 2018 (q: 38.60 or 2.59%).

⁶ Daily water level method estimate is based on cumulative GW adj. catch expanded by historical catch index factors based on daily water levels to estimate cumulative escapement to GW.

⁷ In-season estimate is using daily expansion factors based on daily water levels until 12 or more coho recaps are captured at the GH fishwheels then estimates are based on mark recapture.

Catches of Steelhead - 2020 Nass River Fishwheels

In-season Run Size Estimates for Summer Run (SR) Steelhead

Date ²	Gitwinksihlkw Catch (SR=summer run) ¹			Grease Harbour Catch (SR=summer run) ¹				All Wheels catch (SR=summer run; All=includes catch before 1 July)			Adipose fin marked (SR)			Historical catch-index est.			Daily Water Level ⁶	In-season SK/CO MR est ^{7,8}	Best Estimate		
	FW1	FW2	Total	SR Cum	FW3	FW4	FW5	FW6	Total	SR Cum	All Cum	Total	Cum marked	Daily % tagged	High q (04) ³	Mean 94- 19 ⁴	Low q (97) ⁵			Cum.	Daily
																5.9%	2.7%	1.2%	2.3%	6.7%	
1-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
2-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
3-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
4-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
5-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
6-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
7-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
8-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
9-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
10-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0
11-Jul-20	0	1	1	1	0	0	0	0	0	0	1	1	1	100%	20	44	98	44	12	12	12
12-Jul-20	0	0	0	1	0	0	0	0	0	0	0	1	3	0	1	0%	20	44	98	44	12
13-Jul-20	0	0	0	1	0	0	0	1	1	1	1	2	4	1	2	100%	20	44	98	44	12
14-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
15-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
16-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
17-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
18-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
19-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
20-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
21-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
22-Jul-20	0	0	0	1	0	0	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44
23-Jul-20	1	1	2	3	0	0	0	0	0	0	1	2	4	6	2	4	100%	60	131	295	131
24-Jul-20	1	0	1	4	0	0	0	1	1	2	2	2	6	8	1	5	50%	80	175	394	175
25-Jul-20	0	1	1	5	0	0	0	0	0	0	2	1	7	9	0	5	0%	100	219	492	219
26-Jul-20	0	0	0	5	0	0	0	0	0	0	2	0	7	9	0	5	0%	100	219	492	219
Total	2	3	5		0	0	0	2	2		7		9	5		71%					74

¹ The GW fishwheels started on 31 May (FW1 and FW2). The GH fishwheels started on 6 June (FW3, FW5, and FW6).

² Shaded dates indicate periods of non-operation (portion or whole day) of fishwheels due to high water levels or other factors. When fish passage is anticipated, adjustment to catch is estimated.

³ Low catch-index expansion estimates ("High q") based on high catchability/ideal water levels at FW1 and FW2 that were derived from the 2004 steelhead expansion factor (16.92 or 5.91%).

⁴ Average catch-index estimates based on mean catchability at FW1 and FW2 from 1994 to 2019 steelhead expansion factors (36.86 or 2.71%).

⁵ High catch-index expansion estimates ("Low q") based on low catchability/water levels at FW1 and FW2 that were derived from the 1995 steelhead expansion factor (82.87 or 1.21%).

⁶ Daily water level method estimate is based on cumulative GW adj. catch expanded by historical catch index factors based on daily water levels to estimate cumulative escapement to GW.

⁷ In-season estimate is using daily expansion factors based on daily water levels until 12 or more Coho recaps are captured at the GH fishwheels then estimates are based on mark recapture.

⁸ All estimates are multiplied by 1.19 which is the mean difference between fishwheel index and summer-run steelhead mark-recapture estimates.