



Nisga'a Lisims Government

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2020 NASS STOCK ASSESSMENT UPDATE

FISHWHEEL OPERATIONAL DATA TO:	24-Aug-20
WATER LEVEL FOR DATE AT GITWINKSIHLKW (m)	4.9
HISTORICAL LEVEL FOR DATE - MEAN 94-19 (m)	1.8
WATER TEMPERATURE FOR DATE AT GITWINKSIHLKW (m)	8.3
HISTORICAL WATER TEMP FOR DATE - MEAN 94-19 (m)	9.5

FISHWHEEL CATCH SUMMARIES	SOCK	CHIN	COHO	STEEL	PINK-EVE	CHUM	LAMP
FISHWHEEL TOTAL CATCH OF ADULTS	36,902	2,787	3,085	147	12,521	14	516
HISTORICAL AVG CUM CATCH (00-19) TO DATE	39,300	4,300	9,000	520	10,760	70	630
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	19	0	48	1	10	0	0
AVERAGE DAILY CATCH (5 D) OF ADULTS - GH	0	0	0	0	0	0	0
FISHWHEEL TOTAL TAGGED (OR ADIPOSE FIN MARKED)	7,912	2,518	1,265	134	0	12	404
FISHWHEEL TOTAL JACKS	2,065	2,410	30	NA	NA	NA	NA
HISTORICAL MEAN JACKS (00-19) TO DATE	3,601	775	510	NA	NA	NA	NA

IN-SEASON RUN SIZE SUMMARIES	SOCK	CHIN	COHO	STEEL	24-Aug-20
IN-SEASON RUN SIZE ESTIMATE TO DATE	248,043	12,313	44,048	2,704	
HISTORICAL MEAN RUN SIZE TO GW FOR DATE (94-19)	269,000	19,000	59,426	7,150	
RUN SIZE TARGET 2020 (MIN. FOR STEELHEAD)	250,000	15,000	65,000	4,200	

IN-SEASON FORECASTS TO GW - METHODS:	SOCK	CHIN	COHO	STEEL	24-Aug-20
1. RUN TIMING METHOD (94-19) - Mean Run timing	260,000	12,000	62,000	5,000	
Lower (-2 S.D.)	242,000	12,000	46,000	3,000	
Upper (+2 S.D.)	282,000	13,000	97,000	10,000	In-season/Final
2. IN-SEASON TO FINAL (regression):	260,000	13,000	65,000	7,000	r ² (CH) = 1.00
95% CI - lower	210,000	12,000	41,000	4,000	r ² (SO) = 0.95
95% CI - upper	310,000	13,000	90,000	10,000	r ² (CO) = 0.86
GW RUN SIZE TARGET (DEPENDING ON HARVESTS ABOVE GW)	250,000	15,000	65,000	4,200	r ² (ST) = 0.76
Mean Run Timing % Return Estimate to GW fishwheels (94-19)	95%	99%	71%	57%	
Late run	88%	93%	41%	18%	
Early run	100%	100%	90%	80%	

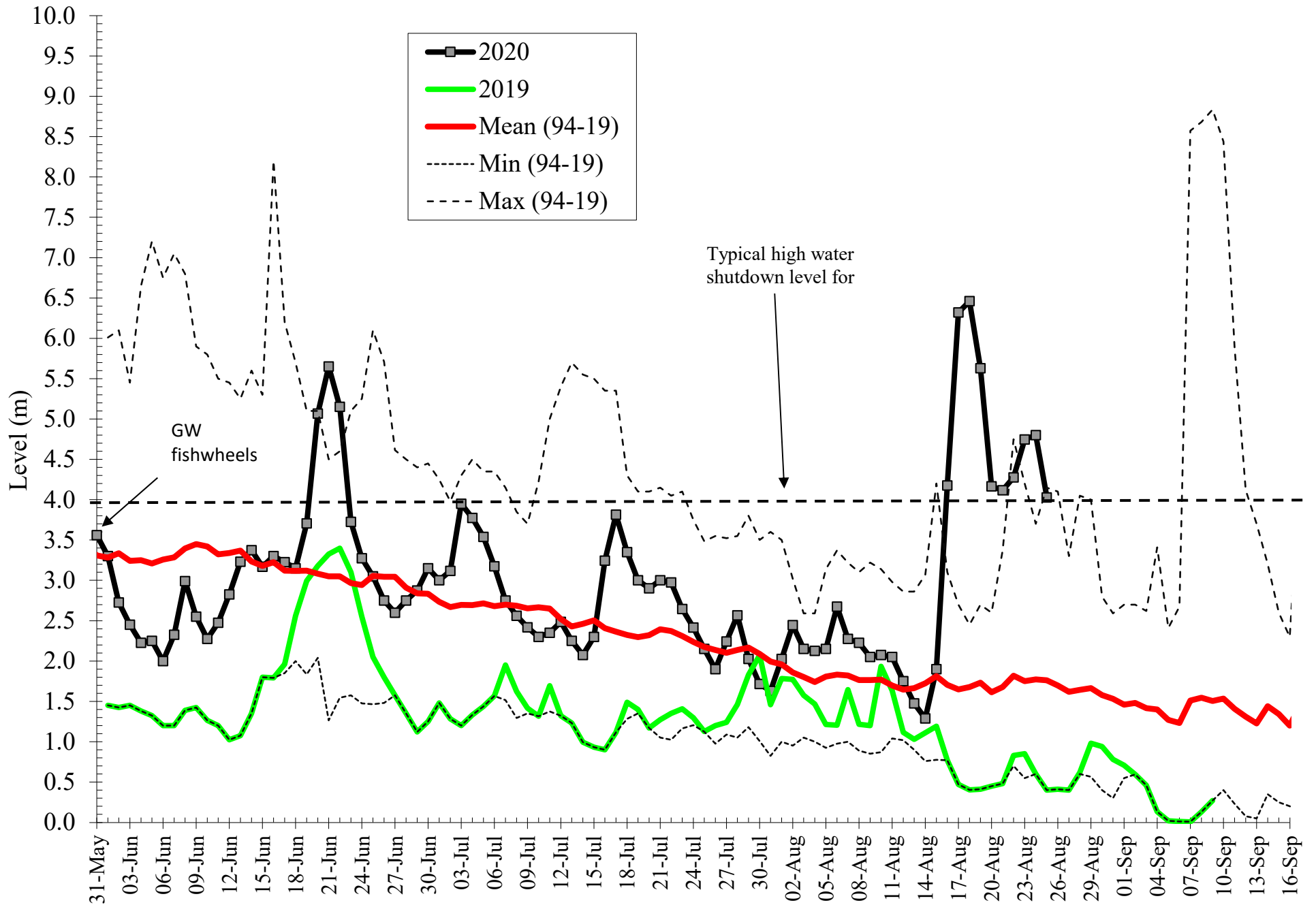
IN-SEASON NET ESCAPEMENT ESTIMATES	SOCK	CHIN	COHO	STEEL	24-Aug-20
HARVEST ESTIMATES ABOVE GW TO DATE	23,182	1,949	319	29	
NET ESCAPEMENT (ABOVE GW):	224,861	10,364	43,729	2,675	
NET ESCAPEMENT TARGET (UPPER RIVER ONLY)	200,000	13,000	60,000	4,000	

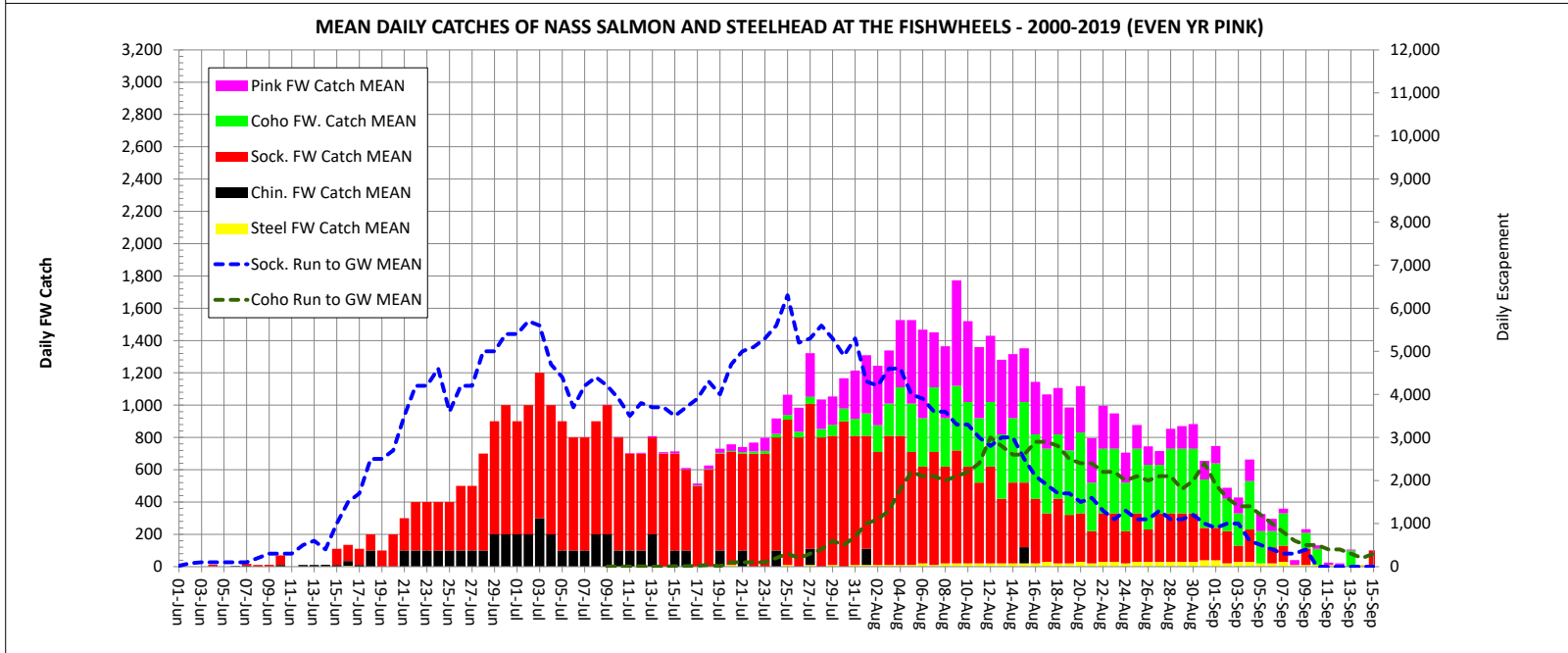
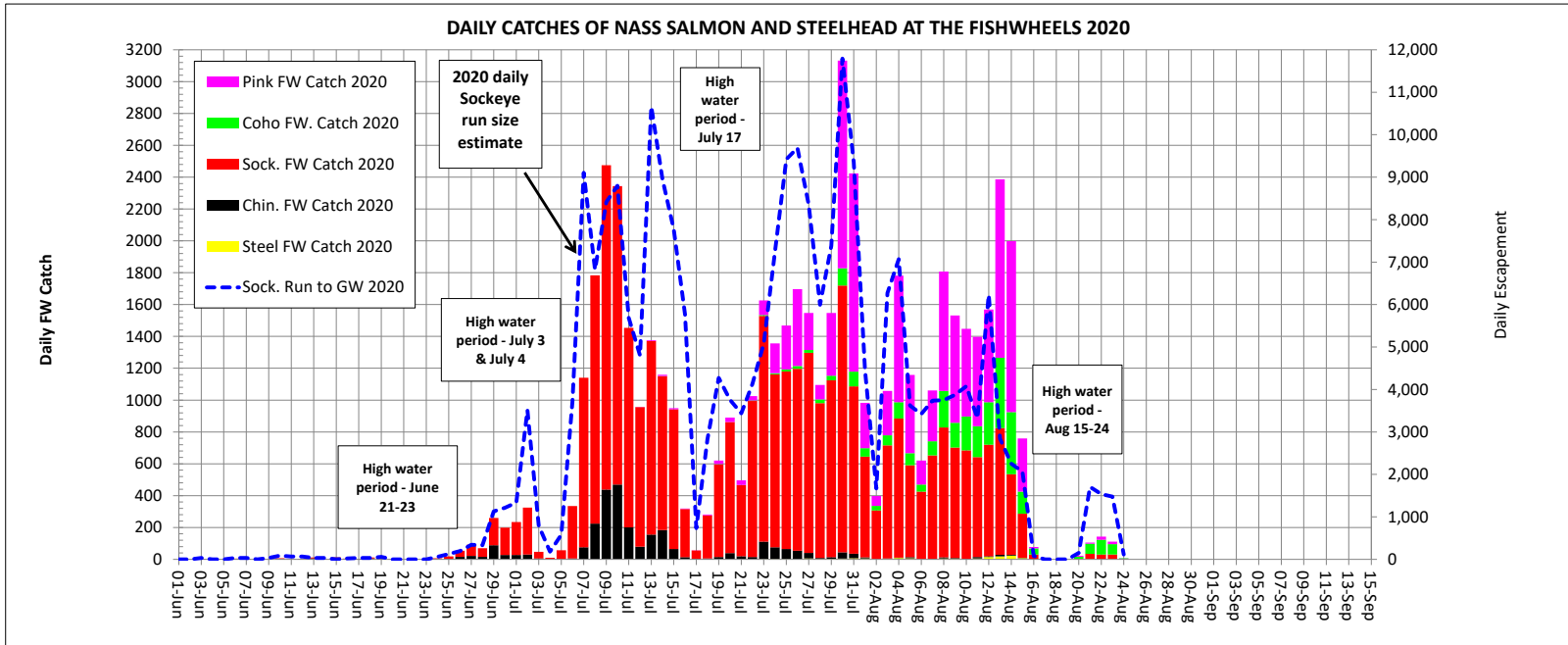
NISGA'A TOTAL HARVEST SUMMARY	SOCK	CHIN	COHO	PINK-EVE	CHUM	STEEL
MARINE SALE FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
IN-RIVER SALE FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
INDIVIDUAL SALE (IS) FISHERY TOTAL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
NLG COMMUNAL SELECTIVE 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: 22 AUG	39,225	5,487	869	6,614	80	123
SUB TOTAL (NLG TREATY FISHERIES)	39,225	5,487	869	6,614	80	123
NLG SOCK DEMONSTRATION FISHERY HARVEST - DFO INVENTORY	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
GRAND TOTAL	39,225	5,487	869	6,614	80	123

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	2,100	-2,886	< esc. goal
TOTAL PRE-SEASON NISGA'A CATCH POTENTIAL	57,000	4,800	21,000	8,000	500

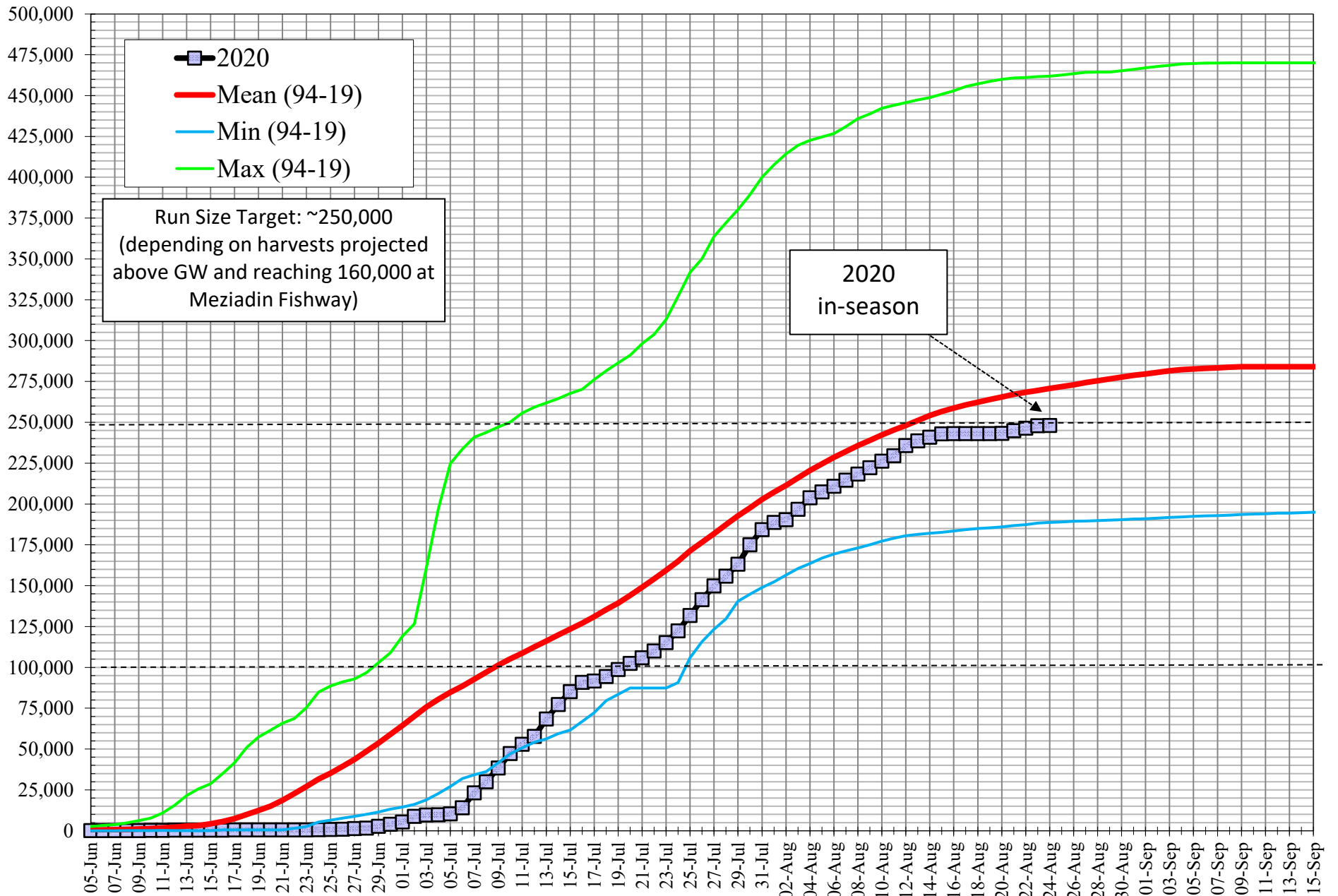
IN-SEASON TRTC & ENTITLEMENT ESTIMATES	SOCK	CHIN	COHO	PINK-EVE	CHUM
PROJECTED TRTC BASED ON INSEASON TO FINAL REGRESSION	285,000	21,000	150,000	623,000	33,000
Lower (95% CI)	266,000	20,000	115,000	589,000	24,000
Upper (95% ci.)	304,000	21,000	187,000	657,000	42,000
ESTIMATED %TRTC TO DATE: MEAN. RUN TIMING	97%	98%	63%	72%	43%
Late run	90%	92%	39%	38%	21%
Early run	99%	100%	85%	90%	60%
IN-SEASON NISGA'A ENTITLEMENT TARGET	37,000	4,400	12,000	45,000	3,000
MINIMUM	33,000	4,200	9,000	40,000	2,000
MAXIMUM	41,000	4,400	15,000	50,000	3,000

Daily Water Level at Gitwinksihlkw Fishwheels 2020

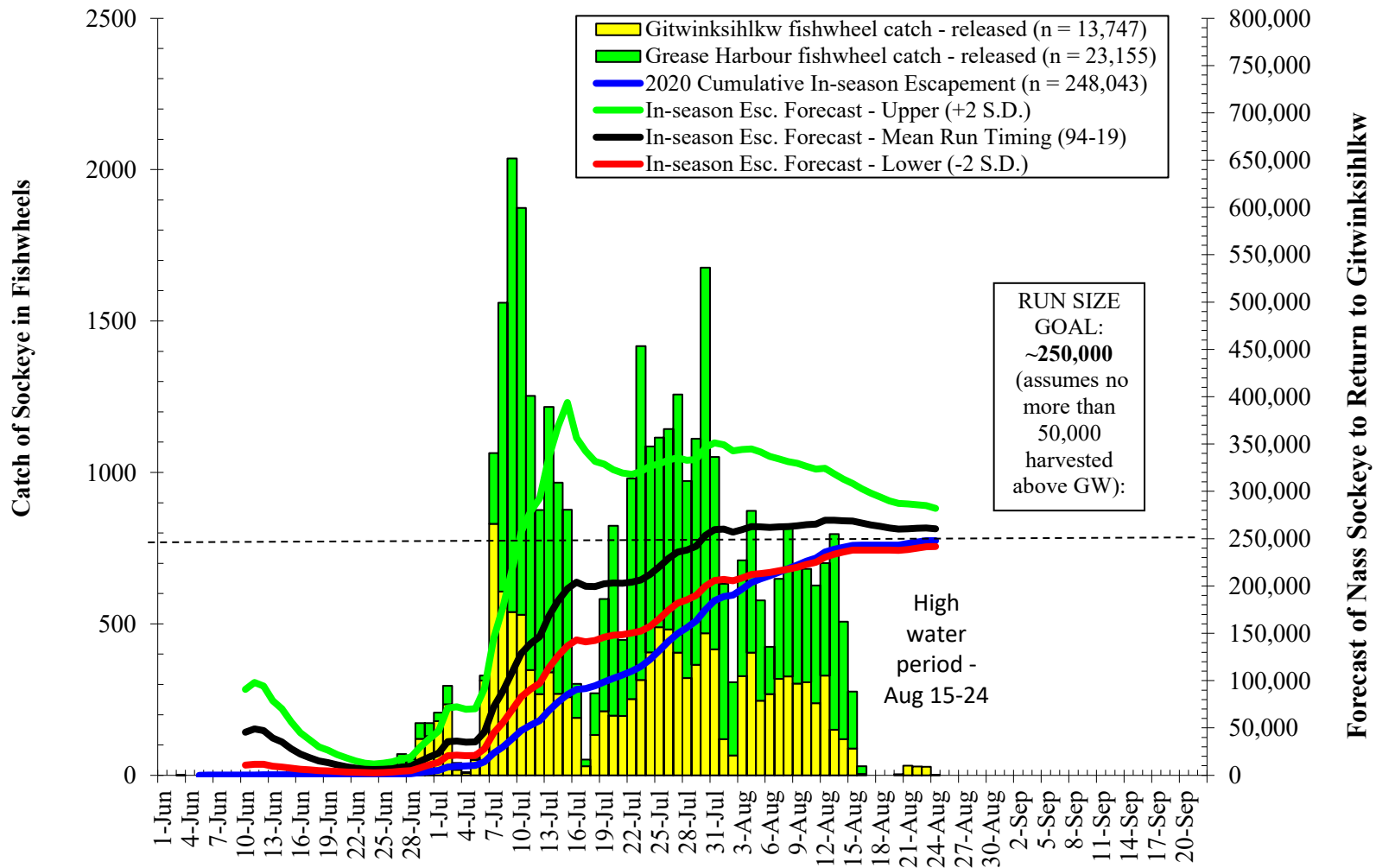




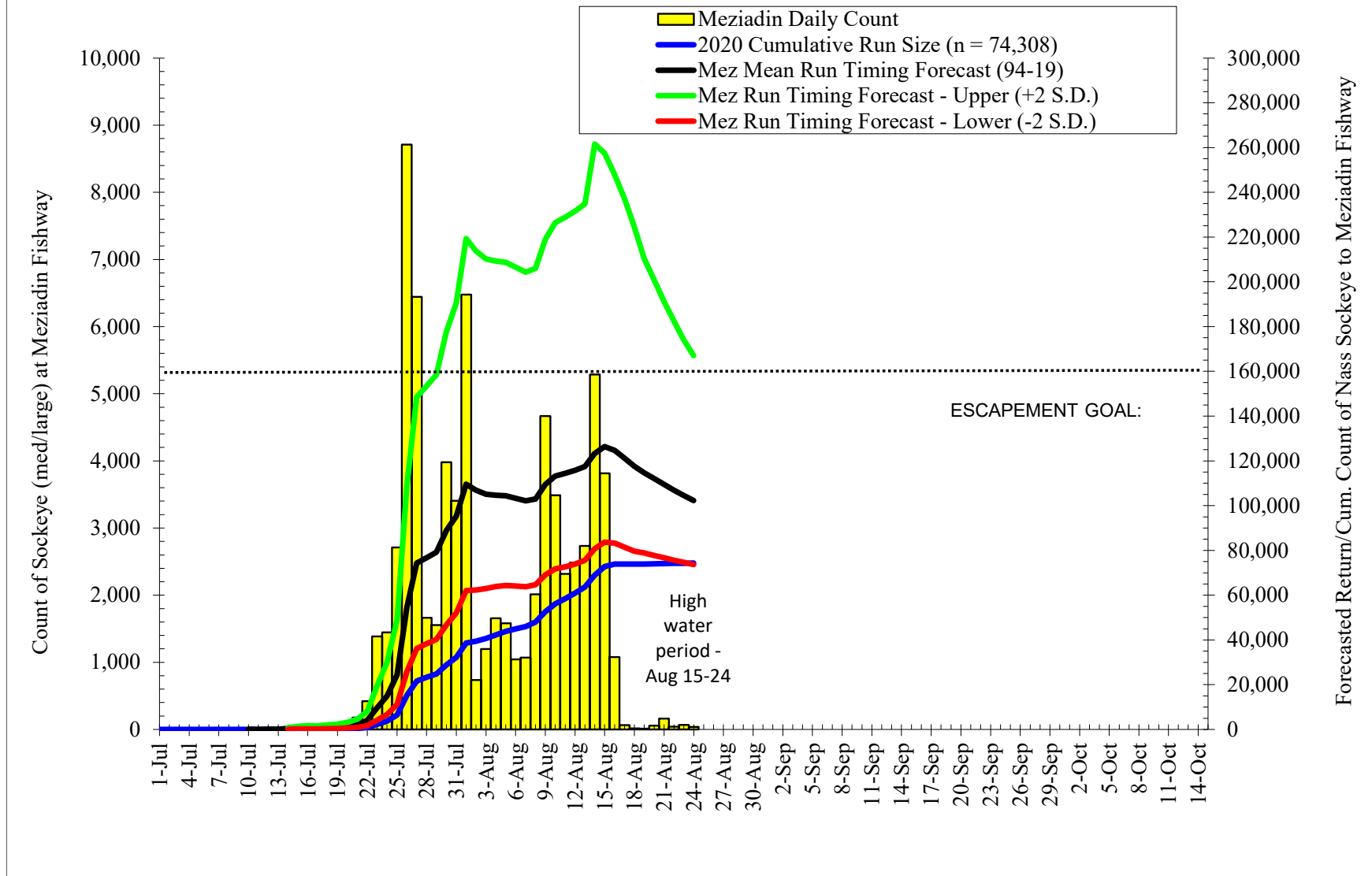
Nass Sockeye Cum. Run Size to Gitwinksilhkw Fishwheels 2020 versus 94-19 Mean, Min, Max returns (before upriver harvests)



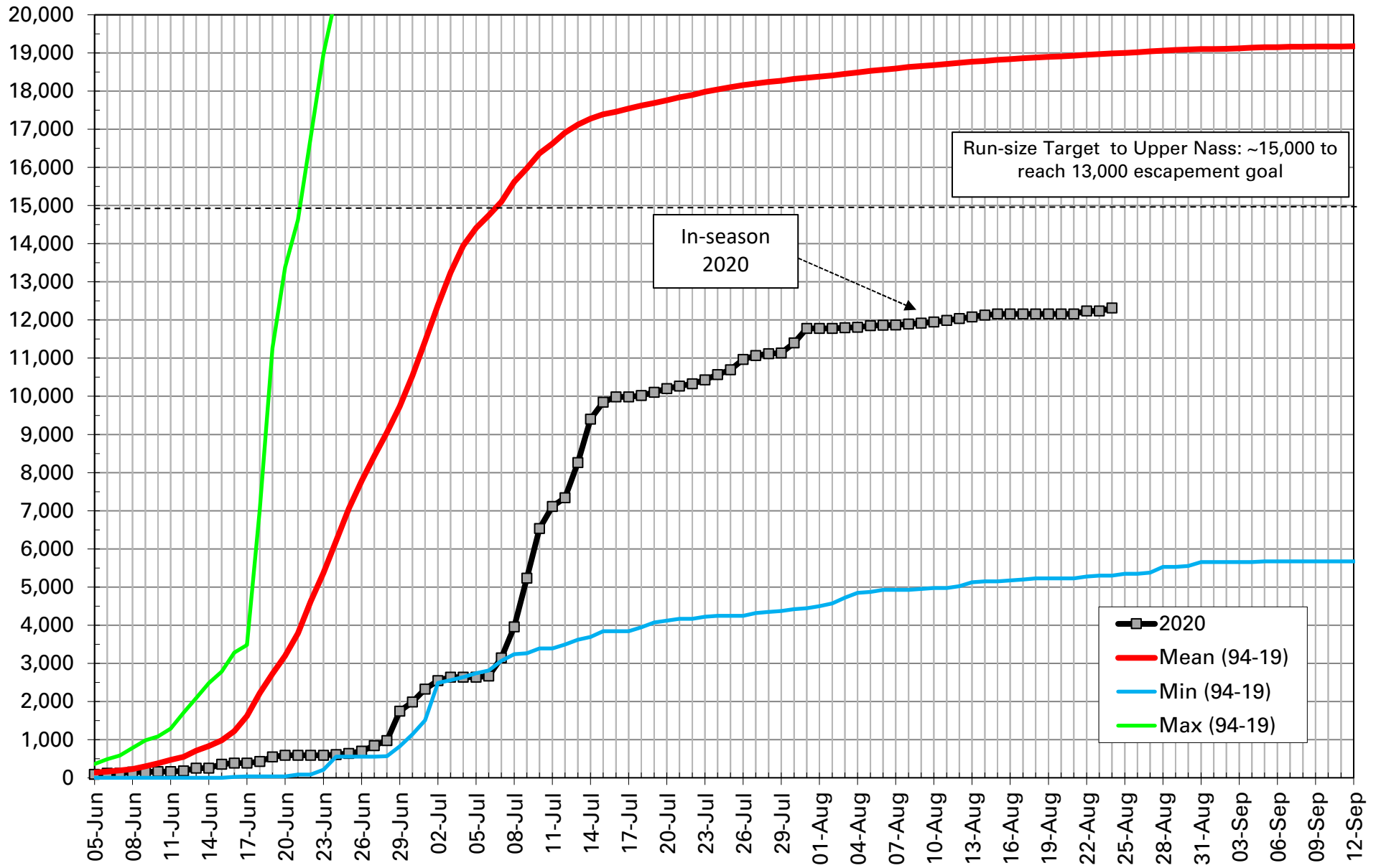
Nass Sockeye (≥ 45 cm NFL) Run Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-19)



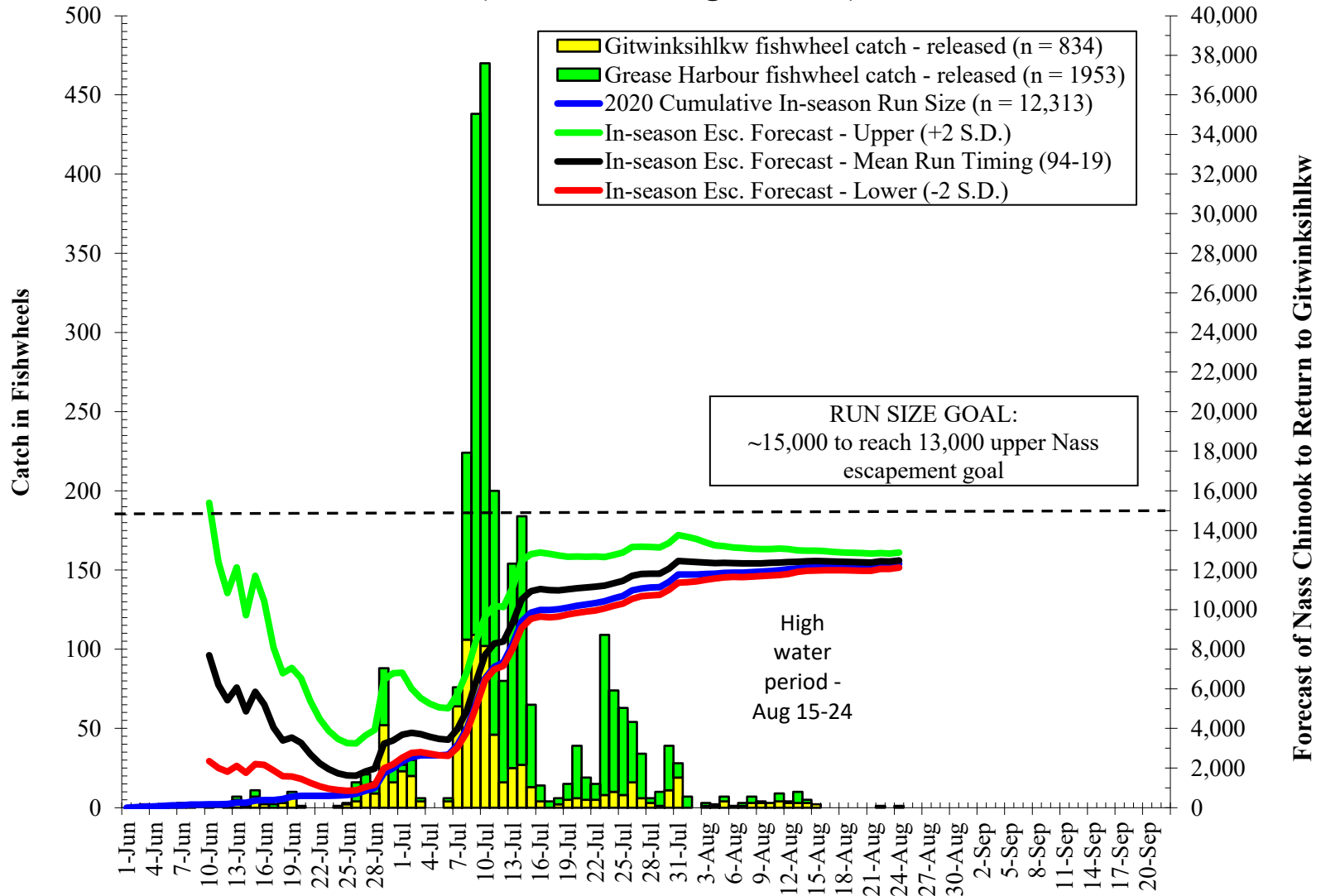
Meziadin Fishway Sockeye Counts & In-season Forecast Data 2020



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

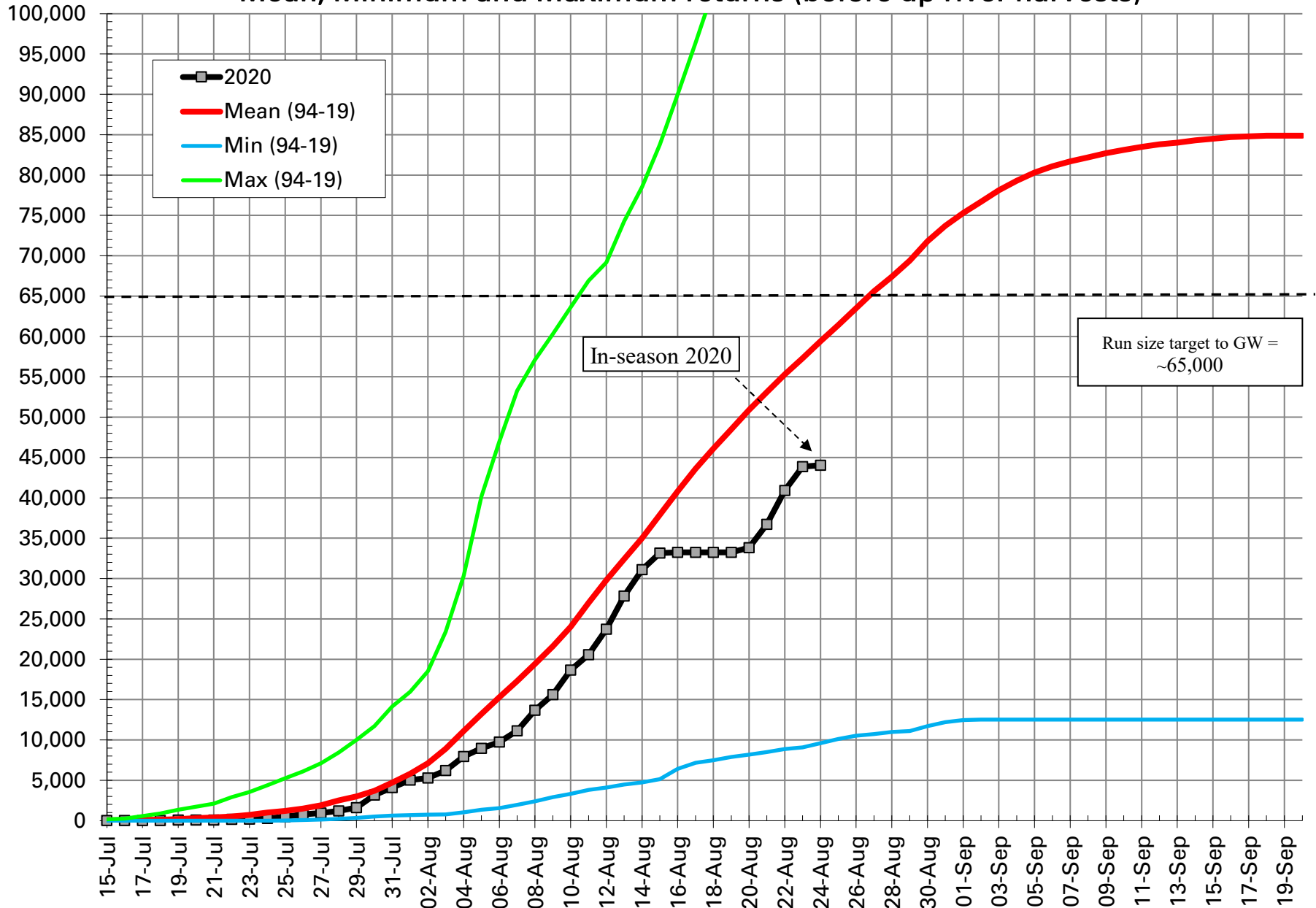


Nass Chinook (≥ 50 cm NFL) Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-19)

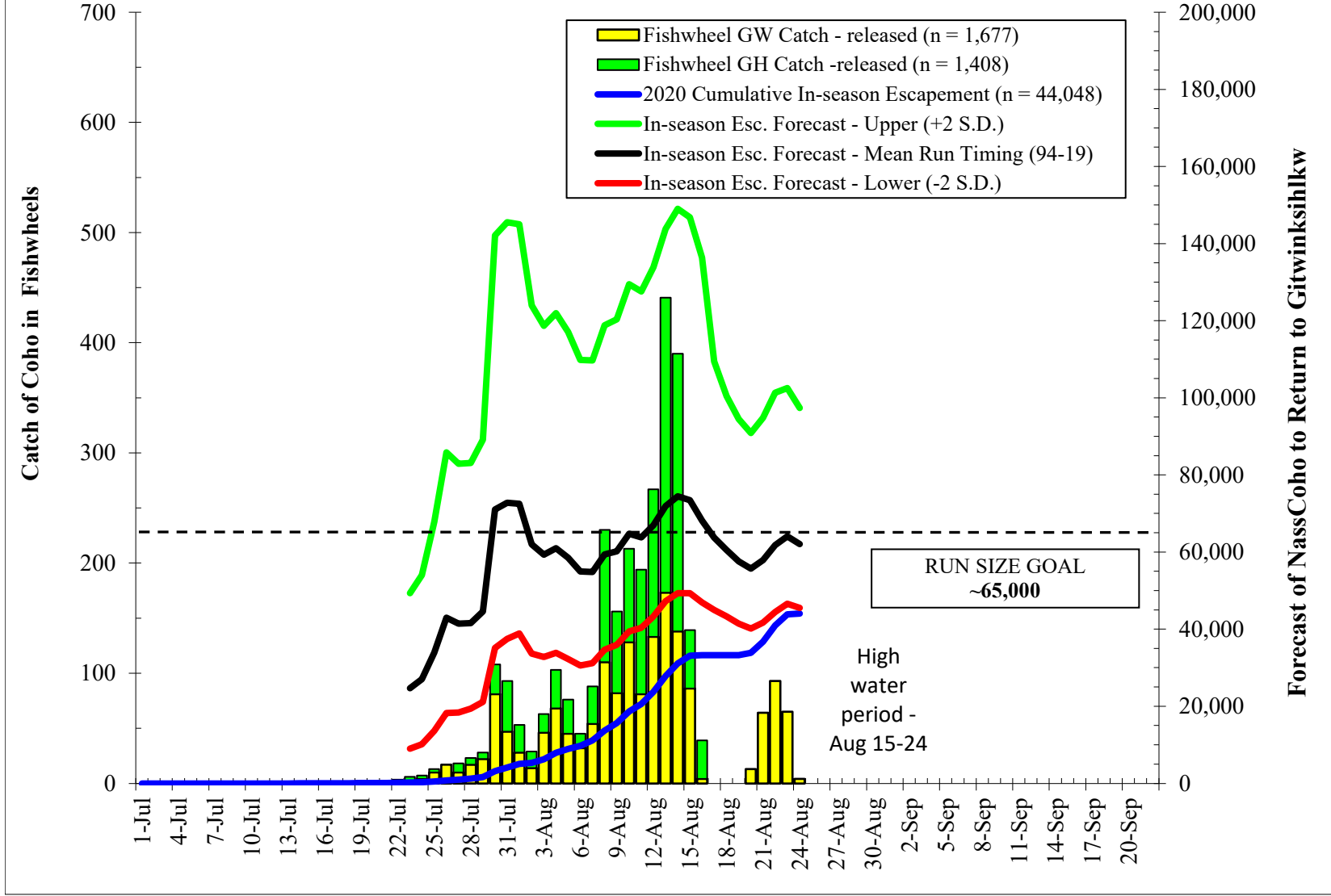


Cumulative Nass Adult Coho Run Size to Gitwinksihlkw 2020 vs. 94-19

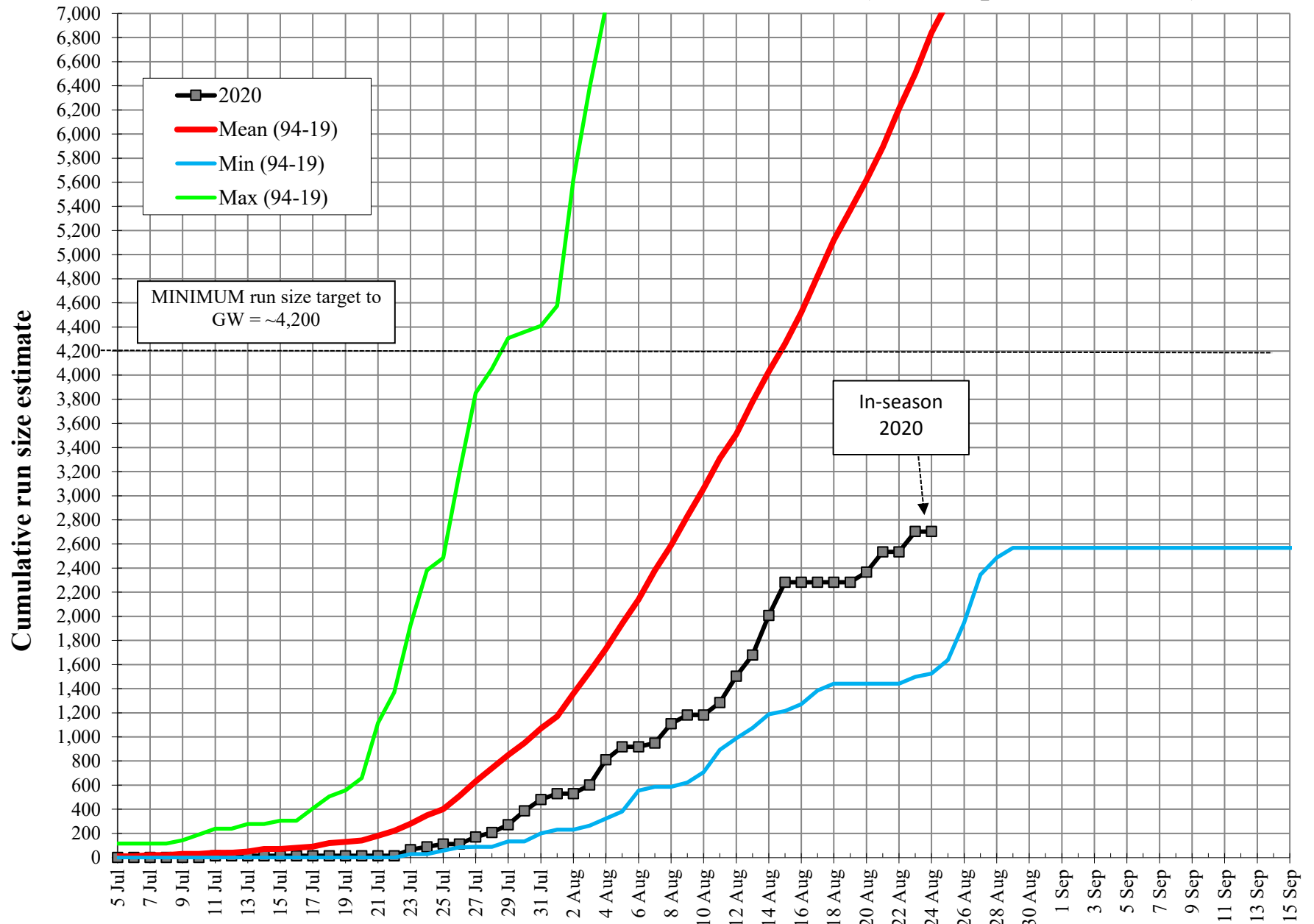
Mean, Minimum and Maximum returns (before up river harvests)



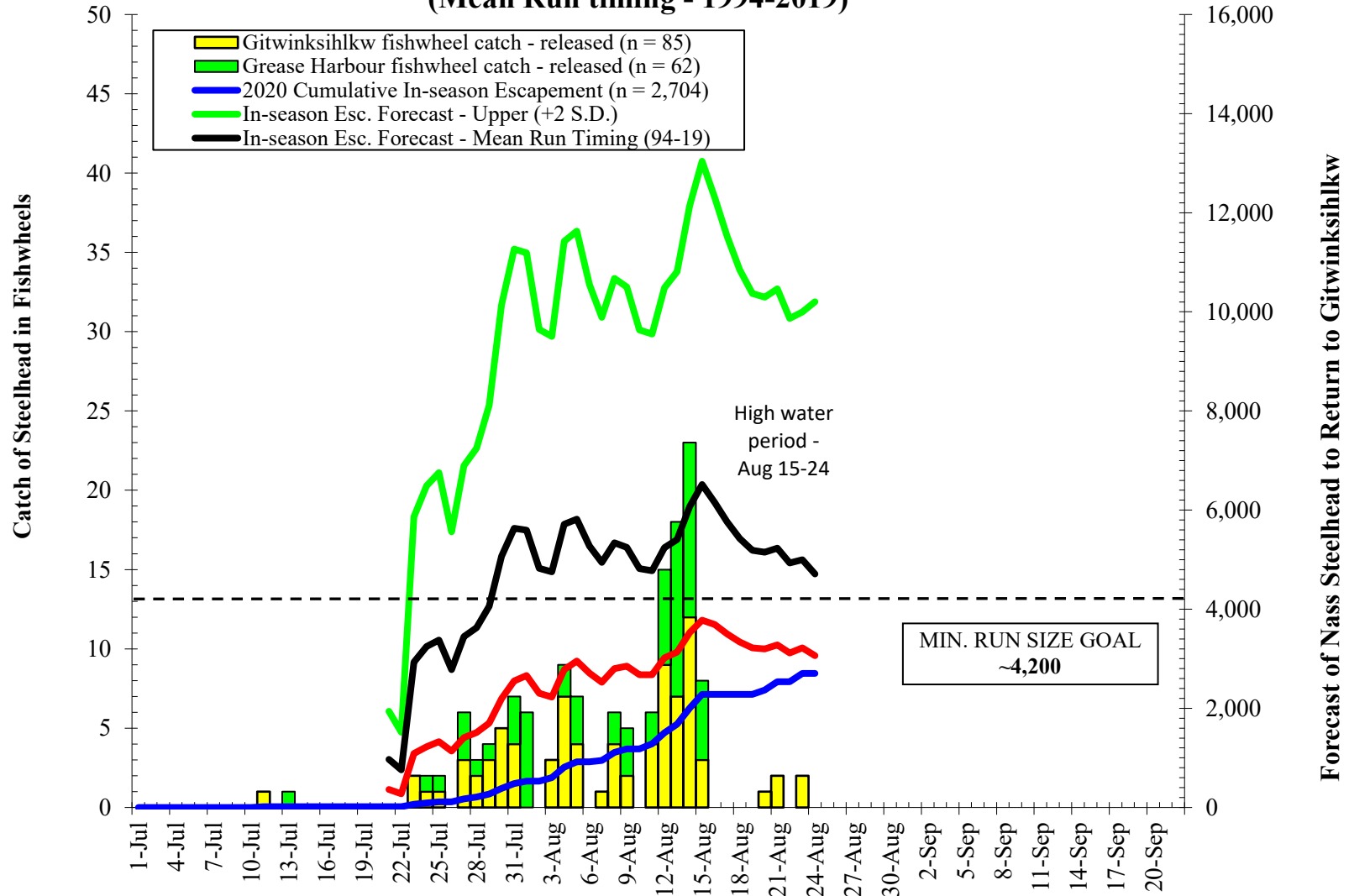
Nass Coho (≥ 40 cm NFL) Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-2019)



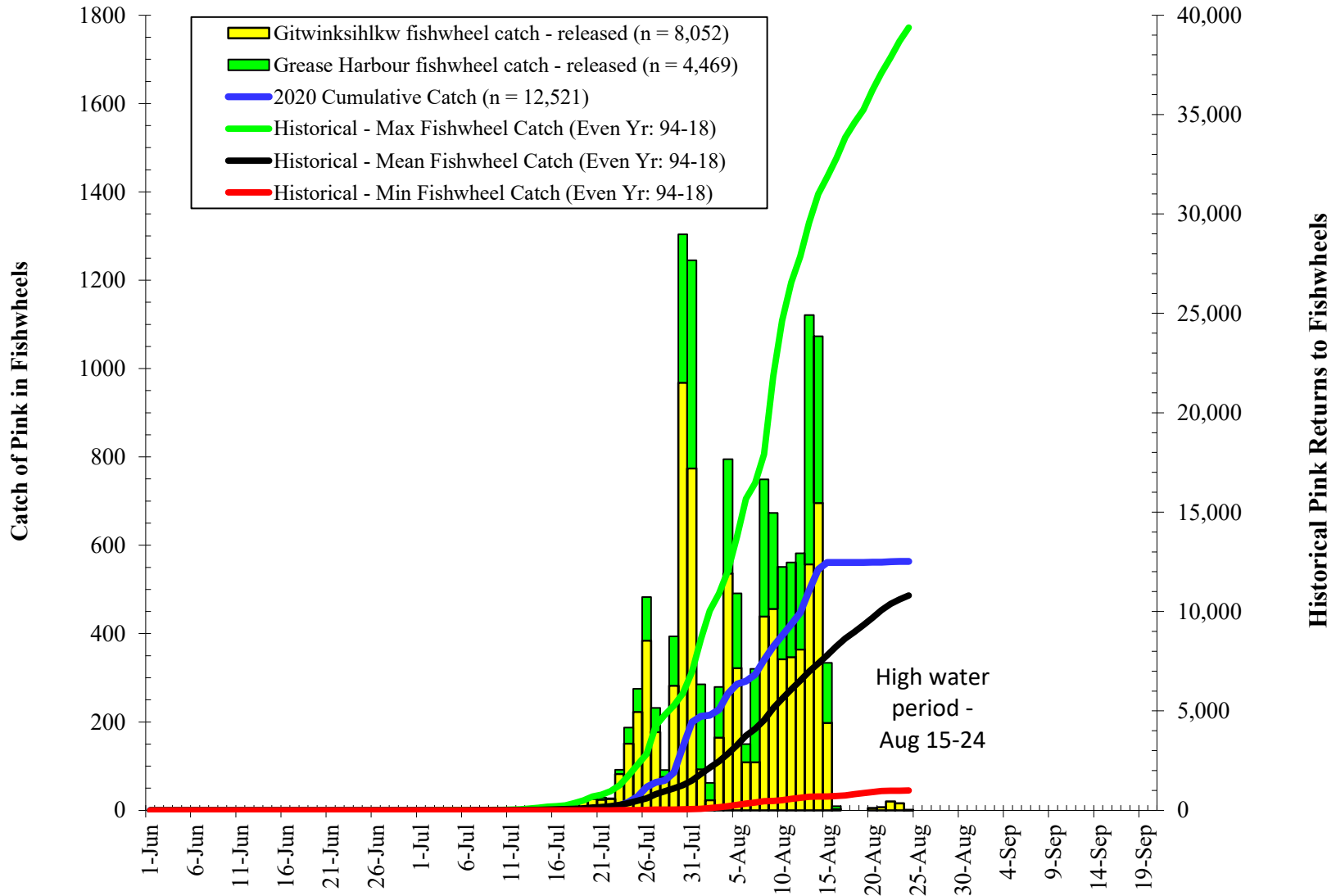
Cumulative Nass Adult Summer-run Steelhead Return to Gitwinksihlkw 2020 vs. 94-19 Mean, Minimum and Maximum returns (before up river harvests)



Nass Summer Run Steelhead Forecasts to Gitwinksihlkw Fishwheels 2020 (Mean Run timing - 1994-2019)



Nass Pink Salmon Returns to Gitwinksihlkw and Grease Harbour Fishwheels 2020



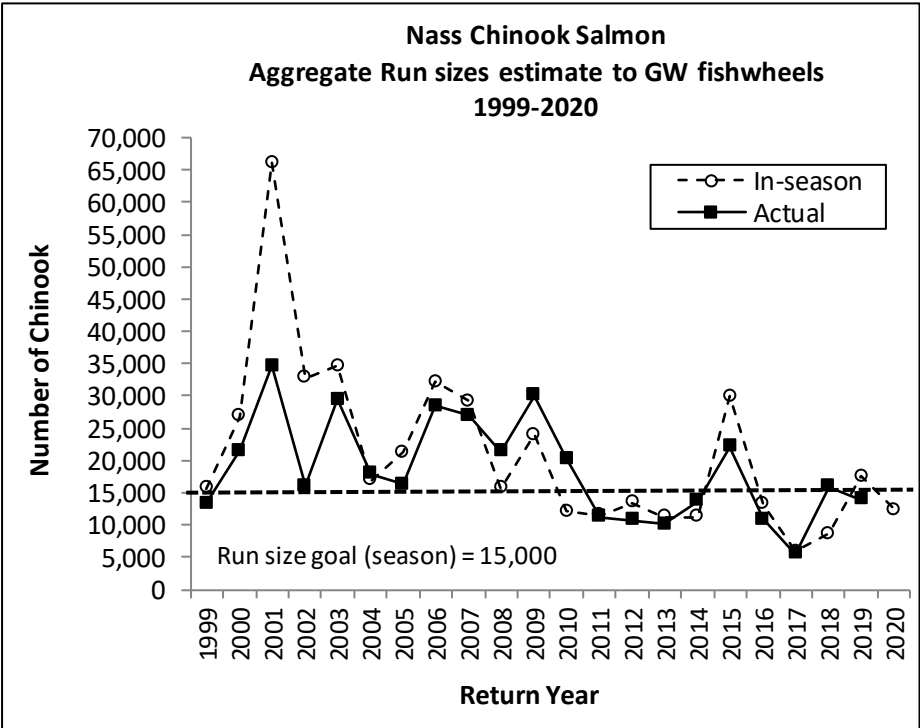
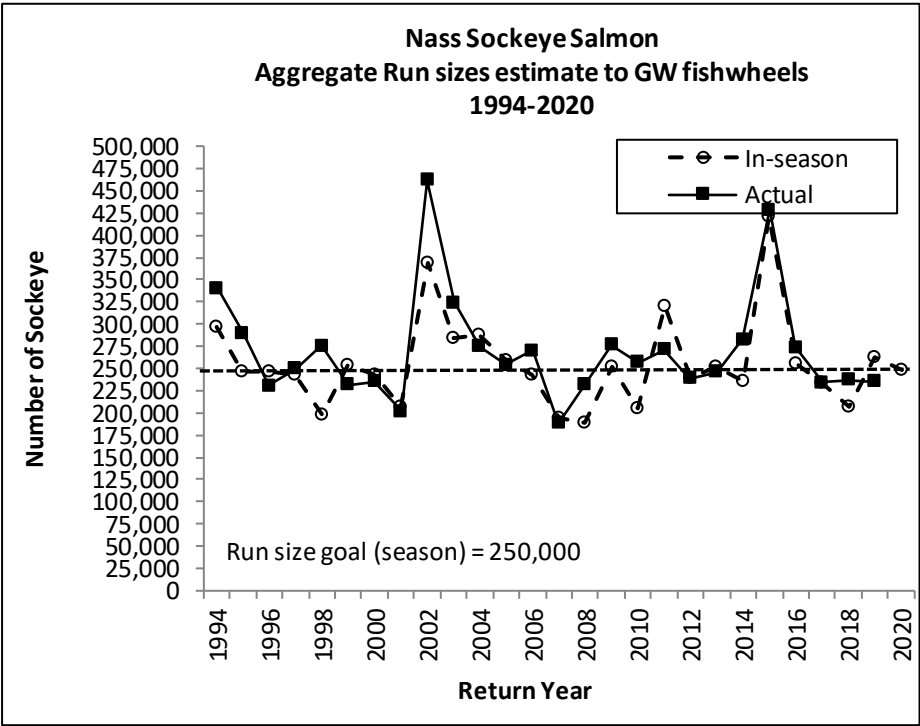


Table 1. In-season and post-season estimates of aggregate run sizes to date for Nass adult sockeye salmon to Gitwinksihlkw test fishery fishwheels, 1994-2020.

Year	Date	Wk	In-season	Actual	Raw Error	Raw Error%	Abs Error	Abs Error%	Abs Acc%
1994	24-Aug	35	296,305	340,691	-44,386	-13.0%	44,386	13%	87%
1995	24-Aug	35	247,064	290,025	-42,961	-14.8%	42,961	15%	85%
1996	24-Aug	35	246,975	230,338	16,637	7.2%	16,637	7%	93%
1997	24-Aug	35	243,052	250,046	-6,994	-2.8%	6,994	3%	97%
1998	24-Aug	35	198,171	275,745	-77,574	-28.1%	77,574	28%	72%
1999	24-Aug	35	253,971	231,912	22,059	9.5%	22,059	10%	90%
2000	24-Aug	35	242,167	235,633	6,534	2.8%	6,534	3%	97%
2001	24-Aug	35	206,274	201,644	4,630	2.3%	4,630	2%	98%
2002	24-Aug	35	369,642	461,865	-92,223	-20.0%	92,223	20%	80%
2003	24-Aug	35	283,567	324,716	-41,149	-12.7%	41,149	13%	87%
2004	24-Aug	35	287,841	274,625	13,216	4.8%	13,216	5%	95%
2005	24-Aug	35	258,399	253,795	4,604	1.8%	4,604	2%	98%
2006	24-Aug	35	243,194	269,895	-26,701	-9.9%	26,701	10%	90%
2007	24-Aug	35	194,675	188,777	5,897	3.1%	5,897	3%	97%
2008	24-Aug	35	188,858	232,511	-43,654	-18.8%	43,654	19%	81%
2009	24-Aug	35	251,982	276,607	-24,625	-8.9%	24,625	9%	91%
2010	24-Aug	35	204,195	256,513	-52,318	-20.4%	52,318	20%	80%
2011	24-Aug	35	319,413	271,345	48,068	17.7%	48,068	18%	82%
2012	24-Aug	35	239,050	238,802	248	0.1%	248	0%	100%
2013	24-Aug	35	252,026	245,717	6,309	2.6%	6,309	3%	97%
2014	24-Aug	35	236,341	283,093	-46,752	-16.5%	46,752	17%	83%
2015	24-Aug	35	420,192	428,905	-8,713	-2.0%	8,713	2%	98%
2016	24-Aug	35	255,296	274,018	-18,722	-6.8%	18,722	7%	93%
2017	24-Aug	35	233,052	234,227	-1,175	-0.5%	1,175	1%	99%
2018	24-Aug	35	206,770	237,034	-30,264	-12.8%	30,264	13%	87%
2019	24-Aug	35	262,384	235,218	27,166	11.5%	27,166	12%	88%
2020	24-Aug	35	248,043						
MAPE ¹			255,000	271,000	-15,000			10%	
Min (MAPE)			188,858	188,777	248			0%	72%
Max (MAPE)			420,000	462,000	92,000			28%	100%
MAA ²									90%

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	24-Aug	34	15,690	13,348	2,342	17.5%	2,342	18%	82%
2000	24-Aug	34	26,859	21,541	5,318	24.7%	5,318	25%	75%
2001	24-Aug	34	66,138	34,657	31,481	90.8%	31,481	91%	9%
2002	24-Aug	34	32,735	16,017	16,718	104.4%	16,718	100%	0%
2003	24-Aug	34	34,592	29,385	5,207	17.7%	5,207	18%	82%
2004	24-Aug	34	16,920	17,935	-1,015	-5.7%	1,015	6%	94%
2005	24-Aug	34	21,269	16,317	4,952	30.3%	4,952	30%	70%
2006	24-Aug	34	32,224	28,484	3,741	13.1%	3,741	13%	87%
2007	24-Aug	34	29,214	26,980	2,233	8.3%	2,233	8%	92%
2008	24-Aug	34	15,676	21,381	-5,705	-26.7%	5,705	27%	73%
2009	24-Aug	34	24,044	30,071	-6,027	-20.0%	6,027	20%	80%
2010	24-Aug	34	12,119	20,232	-8,113	-40.1%	8,113	40%	60%
2011	24-Aug	34	11,453	11,191	262	2.3%	262	2%	98%
2012	24-Aug	34	13,471	10,722	2,749	25.6%	2,749	26%	74%
2013	24-Aug	34	11,248	10,106	1,142	11.3%	1,142	11%	89%
2014	24-Aug	34	11,257	13,710	-2,453	-17.9%	2,453	18%	82%
2015	24-Aug	34	29,923	22,092	7,831	35.4%	7,831	35%	65%
2016	24-Aug	34	13,169	10,804	2,365	21.9%	2,365	22%	78%
2017	24-Aug	34	5,917	5,547	370	6.7%	370	7%	93%
2018	24-Aug	34	8,588	15,915	-7,326	-46.0%	7,326	46%	54%
2019	24-Aug	34	17,541	13,982	3,559	25.5%	3,559	25%	75%
2020	24-Aug	34	12,313						
MAPE ¹			21,000	19,000	3,000			28%	
Min (MAPE)			5,900	5,500	300			2%	0%
Max (MAPE)			66,000	35,000	31,000			100%	98%
MAA (all years) ²									72%

¹ MAPE = Mean Absolute Percent Error

² MAA = Mean Absolute Accuracy

Cumulative Daily Run Sizes of Adult Nass River Sockeye Salmon (≥ 45 cm NFL) to Gitwinksihlkw 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.																				2020 Cum	Mean (94-19)	2020 Daily		
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	0	
03-Jun										175	119	0	1,173	93	275	0	0	0	0	0	36	34	200	34
04-Jun										175	158	0	1,609	278	687	0	127	14	34	72	34	300	0	
05-Jun										175	238	0	2,646	432	824	283	190	58	34	107	34	400	0	
06-Jun									207	175	360	25	3,245	494	1,510	534	318	101	67	143	67	500	34	
07-Jun		0				40			326	175	401	75	3,682	572	2,060	1,069	445	173	67	197	101	600	34	
08-Jun		864				229	52		533	175	441	275	4,754	788	3,444	1,699	604	216	135	286	101	800	0	
09-Jun		1,326				229	234		741	175	645	524	6,136	1,070	5,060	1,983	732	245	135	483	134	1,100	34	
10-Jun		1,505				229	468		1,127	175	645	699	7,027	1,523	7,644	2,141	987	245	232	662	222	1,400	88	
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	286	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	353	2,200	67	
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	388	2,800	34	
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	421	3,200	34	
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	421	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	443	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	477	7,400	34	
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	511	9,900	34	
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	568	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	568	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	568	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	568	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	568	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	625	31,600	57	
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	750	35,200	125	
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	944	39,400	194	
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	1,285	43,600	342	
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	1,615	48,600	330	
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	2,746	53,600	1,131	
30-Jun	79,898	30,487	102,127	89,504	48,006	54,382	37,066	43,172	58,643	94,237	58,436	48,384	42,726	96,013	97,207	108,877	34,394	13,232	51,512	39,234	3,962	59,000	1,216	
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	5,297	64,400	1,335	
02-Jul	103,938	35,981	126,584	93,809	56,227	61,515	46,505	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	8,810	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	9,602	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	9,784	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	10,364	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	14,077	88,500	3,712	
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	23,181	92,700	9,105	
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	30,001	97,100	6,820	
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	38,415	101,300	8,414	
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	47,211	105,200	8,796	
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	52,900	108,700	5,689	
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	57,702	112,500	4,802	
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	68,363	116,200	10,661	
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	77,319	119,900	8,956	
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	85,094	123,400	7,775	
16-Jul	149,032	66,920	270,225	127,797	130,229	109,428	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	90,862	127,100	5,767	
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	91,596	131,000	734	
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	155,582	146,751	226,540	97,518	89,456	99,139	118,788	94,424	135,300	2,828	
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	98,697	139,300	4,273	
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	109,879	99,309	106,576	122,466				

Cumulative Daily Run Sizes of Adult Nass River Sockeye Salmon (≥ 45 cm NFL) to Gitwinksihlkw 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.																				2020 Cum	Mean (94-19)	2020 Daily	
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
26-Jul	167,250	115,745	350,102	184,640	172,054	159,454	153,516	126,666	176,586	175,539	154,849	185,612	183,755	204,355	187,531	280,462	155,537	123,971	134,915	146,462	141,462	176,500	9,687
27-Jul	169,235	123,371	363,712	193,640	177,124	162,134	157,139	131,250	180,074	180,032	163,274	190,781	186,195	207,341	192,399	289,282	162,945	128,990	139,427	149,570	149,808	181,800	8,346
28-Jul	171,236	129,728	372,164	200,701	180,082	167,328	162,291	136,809	184,998	186,305	171,932	195,089	188,864	212,549	196,658	300,099	170,666	133,855	143,915	153,315	155,802	187,400	5,994
29-Jul	172,366	140,409	380,138	208,176	182,136	172,461	167,477	140,439	187,783	192,649	177,858	200,366	195,124	215,940	201,096	308,476	176,755	140,959	148,589	157,195	163,184	192,700	7,382
30-Jul	175,368	147,982	389,306	218,780	184,304	175,767	172,296	144,996	192,150	196,068	182,855	205,449	198,678	218,059	204,568	321,783	181,903	144,783	151,454	161,526	174,979	197,600	11,795
31-Jul	178,241	156,115	399,998	229,746	187,131	181,258	176,878	148,868	196,898	202,306	187,793	211,923	202,672	219,876	209,256	327,311	186,207	149,740	158,783	167,031	184,336	202,900	9,357
01-Aug	179,643	161,655	407,673	239,135	190,874	184,593	181,968	152,404	199,243	208,262	193,139	216,155	207,525	221,269	214,374	330,433	190,999	154,556	163,105	171,452	188,786	207,200	4,451
02-Aug	182,579	165,862	414,363	249,377	194,249	187,372	187,702	156,518	201,148	214,306	201,075	219,961	211,402	223,085	219,027	336,201	195,601	157,813	166,557	174,746	190,453	211,400	1,667
03-Aug	191,406	170,583	419,559	261,677	197,333	190,967	191,471	160,512	202,543	224,956	209,066	222,949	213,968	225,992	223,185	342,084	201,395	161,467	169,047	180,431	196,725	216,000	6,272
04-Aug	201,010	173,645	422,606	265,943	202,744	194,709	195,208	163,550	204,555	234,990	216,395	227,680	216,824	227,695	227,180	346,630	206,376	167,727	175,788	184,599	203,795	220,600	7,070
05-Aug	209,054	177,699	424,734	269,742	207,011	198,193	198,809	166,834	206,084	243,140	220,694	229,743	218,700	229,502	231,043	350,915	212,197	172,627	180,432	188,553	207,413	224,600	3,618
06-Aug	214,015	181,570	426,774	273,074	211,531	201,935	203,282	169,319	207,908	248,345	225,599	231,984	221,103	230,585	234,514	356,097	218,098	177,426	184,820	192,806	210,835	228,500	3,421
07-Aug	217,680	184,923	431,000	278,586	215,759	204,381	207,057	171,278	210,322	252,180	228,960	236,402	222,858	231,979	239,065	361,555	222,813	181,322	190,305	195,528	214,570	232,100	3,735
08-Aug	220,499	187,819	435,829	284,502	223,907	207,871	210,492	173,130	213,433	255,896	230,633	242,628	224,647	233,476	241,913	365,743	228,197	185,669	194,912	197,952	218,320	235,700	3,750
09-Aug	223,168	189,952	438,819	290,979	229,967	210,555	213,833	175,104	216,840	259,860	233,098	247,917	226,160	235,024	243,779	369,482	232,396	190,254	199,209	199,950	222,194	239,000	3,874
10-Aug	225,686	192,147	442,182	297,973	236,522	212,822	216,985	177,243	218,769	262,646	235,696	251,198	227,387	237,088	245,417	372,677	239,017	194,934	201,348	205,564	226,272	242,300	4,077
11-Aug	228,035	193,702	444,072	302,418	241,819	215,924	219,628	179,035	220,261	265,411	238,293	253,943	228,882	238,255	247,284	377,265	244,196	197,737	203,780	209,461	229,595	245,300	3,323
12-Aug	229,050	194,341	445,628	304,869	245,231	219,055	222,289	180,598	222,052	266,956	240,714	257,692	230,719	239,249	250,530	382,092	248,730	200,731	206,326	213,045	235,826	248,100	6,232
13-Aug	230,009	195,201	447,340	307,713	250,191	221,978	226,048	181,457	223,682	268,562	242,915	260,102	231,691	239,725	254,465	385,338	253,728	206,530	208,633	217,256	238,667	251,100	2,841
14-Aug	231,268	196,000	448,696	309,968	253,446	226,096	230,079	182,131	224,624	269,721	245,601	262,113	233,188	240,805	259,952	392,475	257,143	210,536	210,962	221,362	240,921	254,100	2,254
15-Aug	232,095	197,159	450,741	311,994	256,097	229,144	233,962	182,698	225,267	271,083	247,267	263,415	234,592	241,583	265,324	397,625	260,905	215,070	213,835	224,972	242,986	256,600	2,065
16-Aug	232,552	197,619	452,942	313,824	258,152	230,935	238,241	183,495	226,782	272,194	248,656	263,710	235,780	241,842	267,794	400,915	263,543	219,006	216,273	227,823	243,062	258,700	76
17-Aug	232,780	198,199	455,477	315,330	260,467	233,234	243,014	184,261	227,667	273,062	249,965	264,834	236,397	242,534	268,991	404,507	266,245	221,853	217,884	230,596	243,062	260,600	0
18-Aug	233,665	198,679	457,113	316,564	262,577	236,977	248,553	184,951	228,893	273,843	251,195	266,313	237,107	242,815	270,772	407,857	268,212	223,048	219,429	232,071	243,062	262,300	0
19-Aug	234,207	198,977	458,680	317,558	265,042	240,186	255,305	185,362	229,847	274,433	252,428	267,674	237,446	243,142	273,221	411,721	270,828	224,595	220,815	232,489	243,062	264,000	0
20-Aug	234,749	199,345	459,980	318,702	267,638	241,175	261,581	185,995	230,487	274,972	253,295	268,928	237,894	243,517	275,141	414,181	273,250	225,617	222,628	233,546	243,213	265,500	152
21-Aug	235,434	199,828	460,832	320,931	269,543	242,167	264,692	186,738	231,032	275,440	254,687	269,770	238,200	243,844	277,618	416,807	274,426	228,333	224,014	234,013	244,918	267,100	1,705
22-Aug	235,576	200,219	461,090	322,436	272,426	244,266	267,087	187,418	231,876	275,926	255,775	269,770	238,386	244,312	279,204	421,093	275,977	230,663	225,970	234,013	246,452	268,400	1,534
23-Aug	235,576	201,092	461,659	323,581	274,031	249,573	268,436	188,319	232,217	276,266	256,047	269,770	238,670	244,921	281,375	424,907	277,513	231,317	227,926	234,357	247,930	269,500	1,477
24-Aug	235,633	201,644	461,865	324,716	274,625	253,795	269,895	188,777	232,511	276,607	256,513	271,345	238,802	245,717	283,093	428,905	279,081	233,329	229,087	235,218	248,043	270,800	114
25-Aug	235,890	201,874	462,629	325,095	275,814	256,287	271,354	189,030	232,548	276,898	256,979	273,445	238,867	246,104	284,910	428,955	280,534	235,240	229,882	236,635		271,900	
26-Aug	236,033	202,183	463,441	325,527	276,646	258,709	273,694	189,435	232,683	277,481	257,601	275,447	238,942	246,529	286,824	436,629	281,922	236,279	230,719	239,919		273,000	
27-Aug	236,204	202,183	464,254	326,068	277,954	262,124	276,581	189,548	233,039	278,274	257,873	278,860	239,006	246,761	288,469	439,788	282,935	237,401	231,437	245,613		274,300	
28-Aug	236,745	202,227	464,416	326,771	279,113	264,283	278,628	189,885	233,665	278,566	258,184	281,871	239,038	247,110	289,082	441,951	284,984	239,506	232,314	249,799		275,400	
29-Aug	237,664	202,382	464,416	327,041	280,016	266,441	281,985	190,087	234,119	278,809	258,437	285,031	239,124	247,497	289,917	443,052	287,582	240,908	233,330	255,505		276,500	
30-Aug	238,232	202,890	465,131	327,366	280,467	268,363	285,946	190,402	234,536	279,104	258,690	289,194	239,156	247,729	290,530	445,438	289,208	242,617	234,746	258,506		277,700	
31-Aug	238,961	203,376	465,992	327,656	280,733	269,895	287,826	190,807	234,731	279,357	258,690	292,316	239,167	247,922	291,428	447,104	290,497	243,778	236,340	260,490		278,700	
01-Sep	239,475	203,707	466,961	327,850	280,972	272,011	289,840	191,010	234,836	279,621	258,798	295,625	239,210	247,992	292,351	449,333	291,764	244,862	237,018	262,106		279,600	
02-Sep	239,989	203,851	467,788	327,996	281,343	273,263	293,466	191,387	234,875	279,673	258,943	299,119	239,220	248,026	293,326	452,350	294,130	246,022	238,537	263,335		280,600	
03-Sep	240,394	203,959	468,498	328,189	281,795	274,429	296,338	191,794	235,005	279,779	259,160	301,275	239,260	248,096	294,198	454,984	295,883	249,554	240,361	264,186		281,600	
04-Sep	240,637	204,013	469,402	328,577	282,007	275,182	296,338	192,085	235,083	279,863	259,340	302,279	239,280	248,131	295,096	457,596	298,312	252,513	241,576	264,854		282,200	
05-Sep	241,313	204,084	469,596	328,916	282,470	276,152	296,338	192,463	235,161	280,032	259,846	302,874	239,300	248,200	296,224	459,622	300,375	254,094	242,245	265,597		282,700	
06-Sep	241,746	204,192	469,919	328,916																			

Cumulative Daily Run Sizes of Adult Nass River Chinook Salmon (≥ 50 cm NFL) to Gitwinksihlkw 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	15	20	15
03-Jun-20										0	0	0	24	17	97	0	46	0	240	100	44	50	30
04-Jun-20										0	122	0	24	50	97	0	68	25	288	181	59	80	15
05-Jun-20										0	244	0	47	67	161	59	91	50	288	361	89	140	30
06-Jun-20						14			23	0	488	0	71	67	290	88	114	151	288	442	119	160	30
07-Jun-20		23				72			69	0	548	21	71	84	483	133	228	201	336	582	119	190	0
08-Jun-20		168				72	47		115	0	731	106	95	134	772	177	319	226	336	783	148	230	30
09-Jun-20		306				72	141		138	0	914	212	102	167	901	177	410	251	336	984	148	300	0
10-Jun-20		345				72	157		208	0	975	212	126	301	1,030	177	547	251	336	1,084	163	380	15
11-Jun-20		352			16	101	157		600	0	1,219	212	134	318	1,287	251	707	251	384	1,144	163	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	178	550	15
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	252	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	252	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	356	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	385	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	385	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	430	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	548	2,730	119
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	4,280	4,172	2,553	1,281	1,874	2,168	593	3,200	44
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	593	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	593	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	593	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	608	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	637	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	5,761	11,676	4,923	2,035	3,123	7,327	697	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	845	8,430	148
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	978	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	5,287	7,531	14,168	6,542	2,236	8,553	8,611	1,749	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	1,986	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	2,327	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	2,550	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	2,637	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	2,637	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	2,637	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	8,935	10,234	19,387	8,183	2,814	11,436	9,693	2,670	14,740	33
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	3,146	15,100	476
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	3,958	15,620	812
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	5,236	15,980	1,277
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	6,536	16,370	1,300
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	7,113	16,620	577
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	7,340	16,910	227
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	8,264	17,120	924
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	9,403	17,280	1,139
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	9,846	17,390	442
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	9,984	17,460	138
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	9,984	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	10,020	17,620	37

Cumulative Daily Run Sizes of Adult Nass River Chinook Salmon (≥ 50 cm NFL) to Gitwinksihlkw 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
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	10,106	17,690	85
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	10,199	17,760	93
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	10,268	17,840	69
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	10,330	17,900	63
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	10,428	17,980	98
24-Jul-20	20,335	33,700	15,680	28,361	16,386	15,651	27,541	25,082	20,412	28,477	19,014	10,702	9,531	9,855	12,616	21,009	9,710	4,245	14,127	12,114	10,570	18,040	141
25-Jul-20	20,378	33,769	15,707	28,438	16,516	15,680	27,541	25,551	20,459	28,500	19,014	10,787	9,768	9,855	12,616	21,038	9,710	4,245	14,175	12,114	10,696	18,100	126
26-Jul-20	20,421	33,853	15,707	28,531	16,533	15,723	27,572	25,748	20,528	28,591	19,075	10,830	9,870	9,888	12,713	21,127	9,710	4,245	14,319	12,151	10,966	18,160	269
27-Jul-20	20,432	33,960	15,735	28,563	16,630	15,766	27,588	25,994	20,574	28,637	19,075	10,872	9,933	9,888	12,745	21,156	9,710	4,321	14,415	12,254	11,070	18,200	105
28-Jul-20	20,443	34,021	15,744	28,609	16,647	15,766	27,604	26,192	20,620	28,705	19,136	10,893	9,973	9,888	12,874	21,245	9,778	4,346	14,415	12,254	11,116	18,240	45
29-Jul-20	20,453	34,075	15,753	28,656	16,696	15,795	27,604	26,266	20,666	28,728	19,196	10,915	10,036	9,922	12,874	21,245	9,892	4,371	14,415	12,254	11,133	18,270	17
30-Jul-20	20,497	34,167	15,789	28,764	16,728	15,810	27,667	26,364	20,689	28,751	19,257	10,936	10,115	9,939	12,906	21,348	9,961	4,421	14,415	12,367	11,399	18,320	266
31-Jul-20	20,540	34,282	15,808	28,857	16,777	15,824	27,714	26,438	20,689	28,842	19,257	10,936	10,217	9,939	12,938	21,377	10,006	4,446	14,415	12,367	11,780	18,350	381
01-Aug-20	20,550	34,297	15,817	28,873	16,826	15,839	27,761	26,475	20,712	28,864	19,440	10,957	10,327	9,939	12,970	21,377	10,075	4,497	14,463	12,420	11,780	18,380	0
02-Aug-20	20,583	34,358	15,817	28,919	16,826	15,882	27,824	26,500	20,712	28,887	19,440	10,957	10,359	9,955	13,002	21,377	10,120	4,572	14,559	12,479	11,780	18,410	0
03-Aug-20	20,680	34,397	15,826	29,012	16,859	15,911	27,824	26,500	20,758	28,910	19,440	11,021	10,383	9,955	13,099	21,407	10,166	4,723	14,655	12,508	11,796	18,450	16
04-Aug-20	20,852	34,404	15,835	29,043	16,957	15,940	27,824	26,512	20,758	28,955	19,501	11,042	10,398	9,972	13,228	21,422	10,211	4,848	14,655	12,536	11,810	18,490	14
05-Aug-20	20,970	34,404	15,853	29,090	16,989	15,969	27,871	26,524	20,781	29,138	19,501	11,063	10,430	9,972	13,324	21,451	10,280	4,873	14,799	12,536	11,853	18,530	43
06-Aug-20	21,014	34,443	15,871	29,106	17,054	15,969	27,949	26,561	20,781	29,183	19,562	11,063	10,454	9,972	13,388	21,481	10,325	4,924	14,896	12,536	11,862	18,560	9
07-Aug-20	21,078	34,458	15,890	29,106	17,087	16,012	27,981	26,574	20,874	29,342	19,623	11,084	10,461	9,972	13,453	21,495	10,417	4,924	14,896	12,536	11,870	18,590	8
08-Aug-20	21,121	34,466	15,890	29,121	17,120	16,027	28,028	26,574	20,920	29,479	19,684	11,106	10,485	9,989	13,517	21,510	10,439	4,924	15,184	12,536	11,894	18,630	24
09-Aug-20	21,186	34,496	15,899	29,152	17,217	16,056	28,075	26,598	20,943	29,547	19,745	11,106	10,493	10,039	13,517	21,510	10,439	4,949	15,232	12,536	11,921	18,660	27
10-Aug-20	21,218	34,519	15,899	29,183	17,332	16,056	28,075	26,635	20,943	29,547	19,745	11,106	10,525	10,056	13,517	21,525	10,485	4,974	15,232	12,564	11,949	18,680	28
11-Aug-20	21,294	34,535	15,908	29,183	17,413	16,070	28,122	26,697	20,989	29,593	19,867	11,127	10,564	10,056	13,517	21,540	10,508	4,974	15,232	12,621	11,989	18,710	40
12-Aug-20	21,315	34,565	15,935	29,230	17,413	16,085	28,169	26,709	21,012	29,593	19,989	11,127	10,611	10,056	13,549	21,554	10,599	5,024	15,232	12,683	12,036	18,740	46
13-Aug-20	21,358	34,596	15,935	29,245	17,462	16,099	28,185	26,722	21,058	29,593	20,050	11,169	10,643	10,056	13,582	21,584	10,622	5,125	15,328	12,773	12,082	18,770	46
14-Aug-20	21,412	34,596	15,935	29,261	17,527	16,114	28,185	26,746	21,058	29,661	20,111	11,169	10,643	10,056	13,646	21,628	10,667	5,150	15,376	12,829	12,128	18,790	46
15-Aug-20	21,444	34,619	15,944	29,292	17,625	16,114	28,232	26,759	21,058	29,775	20,111	11,169	10,666	10,056	13,678	21,658	10,713	5,150	15,520	12,847	12,159	18,820	31
16-Aug-20	21,477	34,634	15,944	29,307	17,641	16,114	28,264	26,808	21,081	29,843	20,111	11,169	10,666	10,073	13,678	21,672	10,736	5,175	15,616	12,862	12,159	18,840	0
17-Aug-20	21,509	34,634	15,953	29,307	17,674	16,143	28,279	26,820	21,151	29,843	20,172	11,169	10,682	10,073	13,678	21,746	10,736	5,200	15,616	12,877	12,159	18,860	0
18-Aug-20	21,509	34,634	15,972	29,307	17,690	16,171	28,311	26,833	21,151	29,889	20,172	11,169	10,682	10,089	13,678	21,775	10,736	5,225	15,616	12,890	12,159	18,880	0
19-Aug-20	21,531	34,642	15,972	29,307	17,707	16,200	28,389	26,857	21,174	29,912	20,232	11,169	10,714	10,106	13,710	21,820	10,758	5,225	15,712	12,890	12,159	18,900	0
20-Aug-20	21,541	34,657	15,999	29,338	17,739	16,200	28,436	26,870	21,174	29,912	20,232	11,191	10,722	10,106	13,710	21,820	10,804	5,225	15,712	12,907	12,159	18,910	0
21-Aug-20	21,541	34,657	16,017	29,338	17,772	16,200	28,452	26,870	21,197	29,934	20,232	11,191	10,729	10,106	13,871	21,834	10,804	5,225	15,760	12,923	12,159	18,930	0
22-Aug-20	21,552	34,657	16,017	29,338	17,853	16,215	28,468	26,894	21,197	29,957	20,232	11,191	10,745	10,123	13,871	21,864	10,804	5,275	15,808	12,923	12,236	18,950	77
23-Aug-20	21,552	34,657	16,017	29,354	17,902	16,258	28,468	26,956	21,266	30,048	20,232	11,191	10,745	10,139	13,903	21,908	10,827	5,300	15,808	12,923	12,236	18,970	0
24-Aug-20	21,552	34,657	16,017	29,385	17,935	16,345	28,484	26,980	21,381	30,071	20,232	11,191	10,753	10,139	13,968	21,952	10,850	5,300	15,808	12,954	12,313	18,990	77
25-Aug-20	21,552	34,665	16,017	29,385	17,935	16,374	28,484	26,993	21,381	30,071	20,293	11,191	10,753	10,139	14,000	22,041	10,872	5,351	15,808	12,954		19,000	
26-Aug-20	21,552	34,680	16,017	29,400	17,935	16,417	28,499	26,993	21,381	30,116	20,293	11,212	10,753	10,139	14,097	22,115	10,895	5,351	15,857	13,015		19,020	
27-Aug-20	21,563	34,680	16,017	29,400	17,967	16,446	28,515	26,993	21,404	30,116	20,293	11,212	10,761	10,156	14,097	22,159	10,918	5,376	15,905	13,048		19,040	
28-Aug-20	21,574	34,680	16,017	29,416	17,967	16,533	28,546	26,993	21,473	30,139	20,293	11,233	10,777	10,173	14,129	22,188	10,918	5,527	15,953	13,066		19,060	
29-Aug-20	21,584	34,688	16,017	29,416	17,967	16,562	28,546	26,993	21,496	30,185	20,293	11,297	10,777	10,173	14,161	22,188	10,918	5,527	15,953	13,088		19,080	
30-Aug-20	21,595	34,695	16,017	29,447	17,967	16,562	28,562	27,030	21,543	30,185	20,354	11,318	10,777	10,206	14,161	22,188	10,918	5,552	15,953	13,099		19,090	
31-Aug-20	21,606	34,695	16,017	29,447	17,984	16,605	28,562	27,042	21,589	30,185	20,354	11,318	10,777	10,206	14,161	22,203	10,918	5,652	15,953	13,135		19,100	

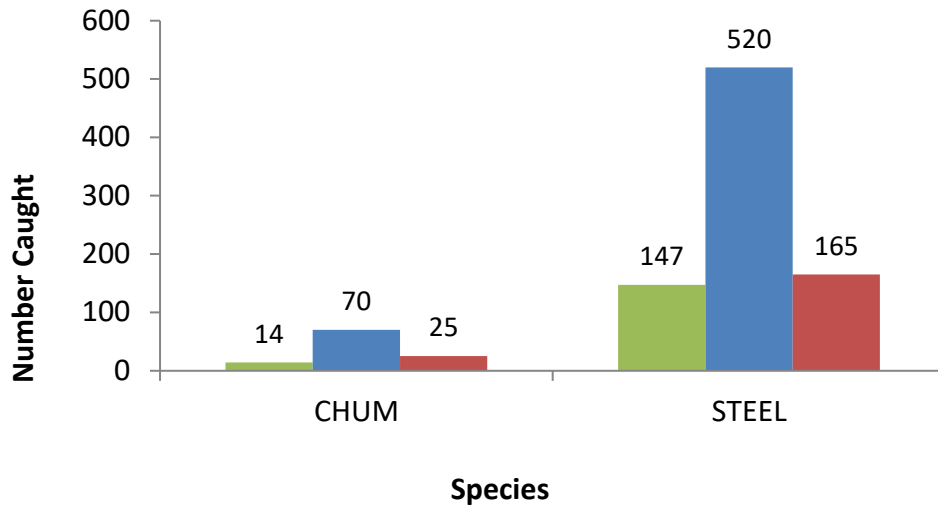
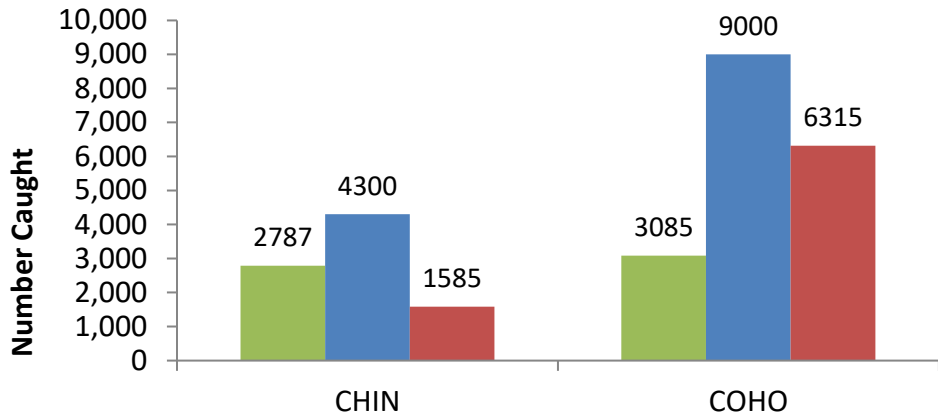
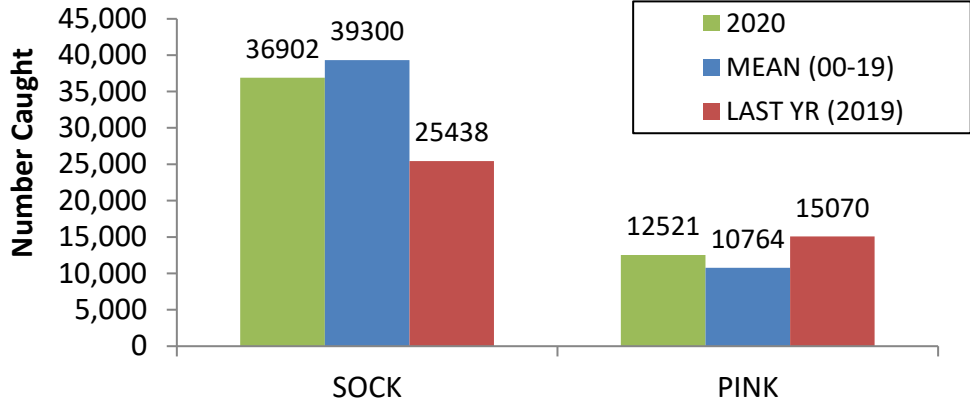
Cumulative Daily Run Sizes of Adult Nass River Coho Salmon (≥ 40 cm NFL) to Gitwinksihkw Fishwheels, 2000-2020.																					In-season 2020	Mean Cum (94-19)	Daily 2020
Date	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
8-Jul-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	21	0	0	0	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	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	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	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	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	10	
14-Jul-20	0	0	33	63	16	39	0	0	33	64	0	0	0	119	0	0	123	42	0	19	16	20	16
15-Jul-20	0	0	33	127	32	39	29	0	49	64	47	0	0	119	0	23	154	84	39	19	16	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	16	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	16	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	16	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	82	200	67
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	82	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	82	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	156	500	73
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	198	700	43
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	279	1,000	81
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	470	1,200	191
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	768	1,500	298
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	932	1,900	164
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	1,206	2,500	274
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	1,599	3,000	393
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	3,160	3,700	1,561
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	4,104	4,700	945
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	5,032	5,800	927
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	5,293	7,100	261
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	6,223	8,900	930
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	7,933	11,100	1,710
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	8,946	13,200	1,012
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	9,745	15,300	800
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	11,130	17,300	1,385
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	13,676	19,400	2,546
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	15,620	21,600	1,944
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	18,655	24,000	3,035
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	20,576	27,000	1,920
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	23,729	29,800	3,153
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	27,831	32,400	4,102
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	31,103	35,000	3,272
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	33,142	37,900	2,039
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	33,237	40,800	95
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	33,237	43,600	0
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	33,237	46,100	0
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	33,237	48,500	0
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	33,829	50,900	593
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	36,722	53,100	2,893
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	40,919	55,300	4,197
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	43,859	57,300	2,940
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	44,048	59,400	190
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	103,436	91,316	32,143	111,440	79,924	48,596	39,791		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		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		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			

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	0	51	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	14	40	14
12-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	63	38	238	0	152	0	0	14	40	0
13-Jul-20	31	0	0	0	0	0	0	99	0	0	0	115	71	0	95	77	238	0	152	0	0	14	50	0
14-Jul-20	31	28	0	0	0	41	0	99	0	0	0	115	71	0	158	115	238	0	253	85	0	14	70	0
15-Jul-20	31	28	0	0	0	41	0	99	0	0	0	115	71	0	189	115	238	0	304	85	0	14	70	0
16-Jul-20	61	28	0	0	0	41	29	99	0	0	76	173	71	0	189	153	238	0	304	85	0	14	80	0
17-Jul-20	154	56	51	0	0	41	29	99	0	0	76	173	71	0	189	230	238	0	405	85	0	14	90	0
18-Jul-20	154	56	51	0	0	82	29	132	81	0	76	288	71	0	221	345	238	0	507	85	0	14	120	0
19-Jul-20	154	56	51	0	17	82	29	132	122	0	152	403	71	0	221	345	238	0	557	85	0	14	130	0
20-Jul-20	154	56	51	0	34	82	29	132	122	0	152	460	71	0	221	383	238	29	659	85	0	14	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	0	14	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	0	14	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	0	65	280	50
24-Jul-20	307	56	154	176	68	246	58	132	325	102	683	748	142	157	694	421	572	57	2,382	113	0	89	350	24
25-Jul-20	307	83	206	411	68	287	88	132	487	102	683	863	166	261	884	421	619	114	2,483	113	0	111	400	23
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	0	111	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	0	170	630	58
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	0	208	740	38
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	0	272	850	64
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	0	386	950	114
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	0	481	1,070	95
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	0	530	1,170	49
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	0	530	1,360	0
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	0	602	1,540	72
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	0	811	1,730	209
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	0	918	1,940	107
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	0	918	2,140	0
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	0	949	2,380	30
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	0	1,109	2,590	161
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	0	1,181	2,830	72
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	0	1,181	3,060	0
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	0	1,285	3,310	104
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	0	1,504	3,510	219
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	0	1,680	3,780	176
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	0	2,007	4,030	328
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	0	2,282	4,260	275
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	0	2,282	4,520	0
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	0	2,282	4,820	0
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	0	2,282	5,120	0
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	0	2,282	5,370	0
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	0	2,366	5,620	84
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	0	2,535	5,890	169
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	0	2,535	6,210	0
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	0	2,704	6,500	169
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	0	2,704	6,840	0
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	0	0	7,100	0
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	0	0	7,380	

2020 Nass Fishwheel Catches

	GW		GW Total	GH				GH Total	Grand Total
Data	FW1	FW2		FW3	FW4	FW5	FW6		
Chin-adult catch	171	663	834	564	0	790	599	1,953	2,787
Chin-tagged	153	609	762	510	0	724	522	1,756	2,518
Chin-recaps	23	27	50	127	0	156	182	465	515
Chin-Jacks	126	380	506	583	0	536	785	1904	2410
Sum of CH Harv	0	0	0	0	0	0	0	0	0
Sockeye-adult catch	4,814	8,933	13,747	6,913	0	8,834	7,408	23,155	36,902
Sockeye-tagged	2,984	4,928	7,912	0	0	0	0	0	7,912
Sockeye-recaps	300	170	470	183	0	242	205	630	1100
Sockeye_jacks	298	891	1189	275	0	290	311	876	2065
Sum of sk_harvest_total	0	0	0	0	0	0	0	0	0
Coho-adult catch	1,075	602	1,677	591	0	398	419	1,408	3,085
Coho-tagged	766	499	1,265	0	0	0	0	0	1,265
Coho-recaps	47	33	80	26	0	16	20	62	142
Coho-jack	14	12	26	0	0	0	4	4	30
Sum of co_harvest_total	0	0	0	0	0	0	0	0	0
Steel-adult catch	20	65	85	15	0	15	32	62	147
Steel-Adipose marked	18	57	75	15	0	15	29	59	134
Steel-unmarked	2	8	10	0	0	0	3	3	13
Steel-recap-total	0	3	3	3	0	0	3	6	9
Pacific Lamprey-catch	3	89	92	89	0	141	194	424	516
Lamprey-tagged	3	78	81	69	0	96	158	323	404
Lamprey-released	0	11	11	20	0	45	36	101	112
Lamprey-recaps	0	2	2	1	0	2	6	9	11
River Lamprey	0	0	0	0	0	0	0	0	0
Pink-adult-catch	2492	5560	8052	2504	0	1053	912	4469	12521
Chum-adult-catch	4	5	9	4	0	0	1	5	14
Chum-tagged	3	5	8	3	0	0	1	4	12
Chum-punched	0	0	0	0	0	0	0	0	0
Chum-recaps	0	0	0	0	0	2	1	3	3
Rainbow Trout	11	25	36	17	0	21	24	62	98
Dolly Varden	10	51	61	0	0	0	6	6	67
Dolly-tagged	7	15	22	0	0	0	3	3	25
Whitefish	4	10	14	5	0	6	8	19	33
Peamouth Chub	0	2	2	13	0	4	13	30	32
Cutthroat Trout	9	8	17	0	0	0	4	4	21
Sculpin	5	0	5	0	0	0	4	4	9
Pikeminnow	1	1	2	1	0	1	2	4	6
Suckers	2	0	2	0	0	0	2	2	4
Redside Shiner	0	1	1	1	0	0	2	3	4
Seals	0	1	1	0	0	0	0	0	1

Nass Fishwheel Catches 2020 - All (May 31 - Aug 24)



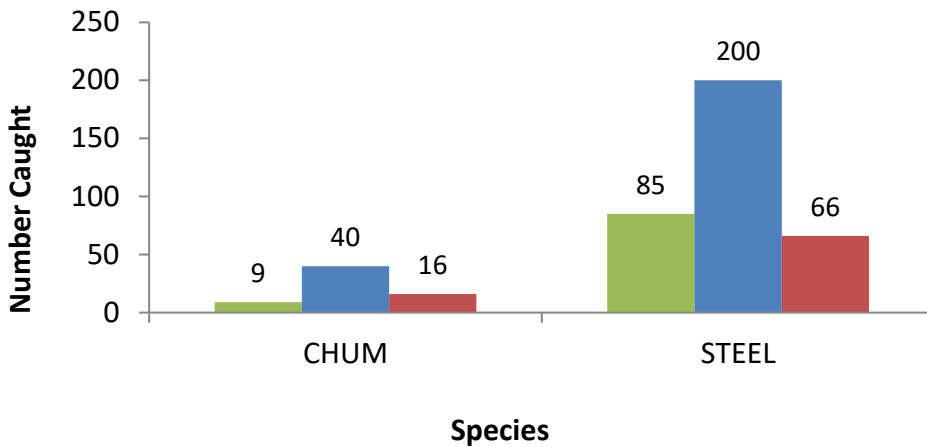
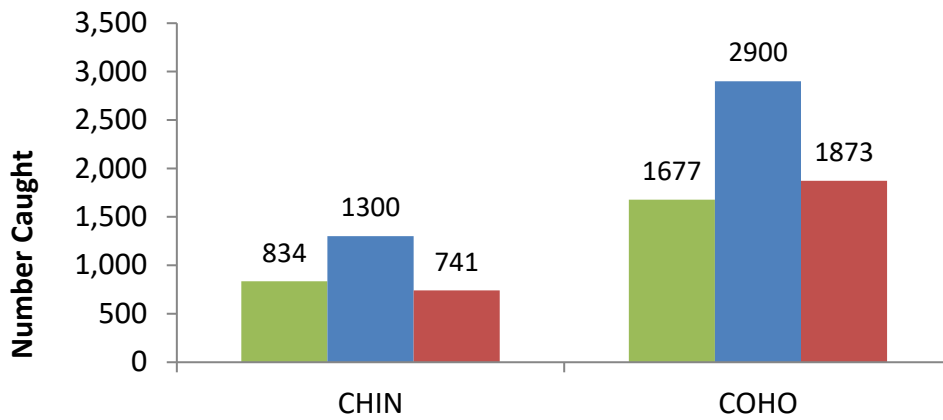
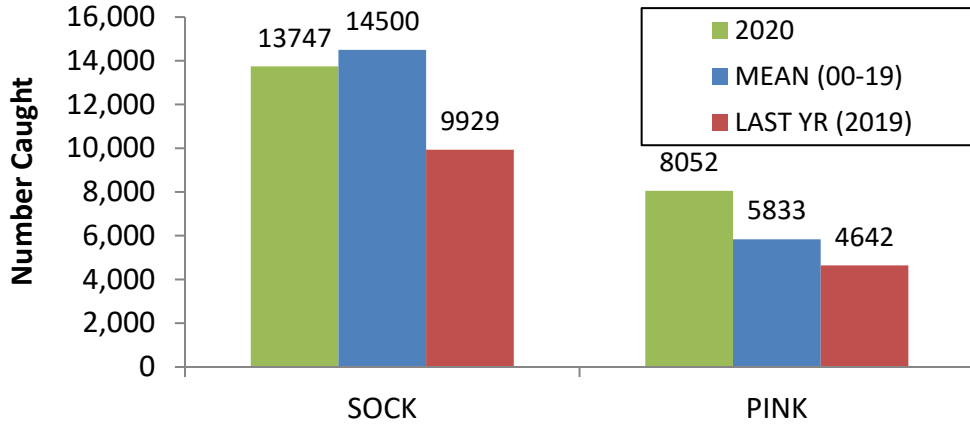
Chinook (all FWs)																							
Week Ending (Sat)	Stat wk	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	00-19 Cum Mean
06-Jun	23	-	-	-	-	-	1	-	-	1	-	15	-	9	4	9	6	5	6	6	26	8	4
13-Jun	24	3	169	-	-	6	30	10	-	39	-	73	28	24	35	114	70	69	15	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	2,725	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	2,748	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	2,785	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	2,786	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	2,787	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	28,142	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	32,497	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	36,778	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	36,872	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	36,872	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	373	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	1,007	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	2,807	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	3,016	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		

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	10	26
01-Aug	31	32	42	67	50	41	40	25	13	81	27	73	74	40	48	106	85	221	58	151	46	41	66
08-Aug	32	195	132	242	125	105	90	66	57	163	123	136	112	133	108	298	191	446	151	285	84	67	162
15-Aug	33	399	370	286	250	296	141	128	156	213	427	360	183	391	182	425	279	592	294	457	137	142	298
22-Aug	34	533	552	634	359	384	168	243	272	368	729	573	210	749	294	719	461	754	412	798	162	145	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	145	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	4,722	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	7,568	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	12,463	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	12,504	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	12,520	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	8	17	
08-Aug	32	17	26	16	75	40	70	34	32	24	16	27	54	13	11	22	24	48	27	19	9	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	14	47	
22-Aug	34	63	77	34	109	112	81	89	81	31	50	55	77	38	20	41	60	117	37	42	25	14	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	14	131	

Nass Fishwheel Catches 2020 - GW only (May 31 - Aug 24)



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	800	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	811	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	832	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	833	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	833	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	10,160	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	12,115	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	13,649	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	13,717	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	13,717	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	24	31	
08-Aug	32	111	64	61	72	64	31	31	22	74	78	14	25	85	25	154	80	212	55	180	34	43	66	
15-Aug	33	216	141	76	131	138	44	49	48	88	187	74	39	225	39	199	109	274	93	272	55	80	111	
22-Aug	34	263	208	137	175	182	53	88	78	152	288	119	50	372	53	297	189	333	130	390	63	83	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	83	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	0	0
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
11-Jul	28	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	2	-	1	-	1	0	0	0
18-Jul	29	1	-	2	6	10	6	12	-	6	7	6	7	2	30	2	10	19	11	1	2	1	1	6	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	22	51	51
01-Aug	31	83	150	171	256	428	219	408	153	315	400	314	186	215	537	514	160	436	554	133	244	244	250	250	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	613	847	847	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	1,434	1,687	1,687	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	1,608	2,465	2,465	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	1,608	3,865	3,865	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	0	0	5
11-Jul	28	-	12	3	137	30	57	5	1	1	16	-	-	-	108	4	104	31	20	5	42	1	43	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	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	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	3,337	4,044	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	5,040	6,824	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	8,000	9,023	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	8,035	10,342	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	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	8,035	12,897	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	0	0
13-Jun	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
20-Jun	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1
27-Jun	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1	1	1	1
04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	4	-	3	1	1	1
11-Jul	28	-	-	1	-	-	-	-	-	1	-	-	1	1	2	-	2	-	-	4	-	3	1	1	1
18-Jul	29	1	2	1	1	-	1	-	-	7	-	-	2	1	2	-	4	-	-	4	2	3	2	2	2
25-Jul	30	2	5	3	12	7	8	1	-	10	4	-	4	3	3	4	4	2	2	9	4	5	5	5	5
01-Aug	31	3	8	7	25	11	13	6	5	15	6	1	8	7	4	9	8	22	8	11	7	5	10	10	
08-Aug	32	17	16	9	42	25	25	20	11	18	11	4	10	12	4	16	16	38	15	16	8	9	19	19	
15-Aug	33	29	29	13	52	59	26	31	18	19	23	10	14	18	8	21	23	55	18	24	14	9	30	30	
22-Aug	34	46	45	22	62	74	27	47	21	22	28	14	16	26	12	31	50	77	21	32	16	9	45	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	96
Grand Total		166	111	38	99	145	66	69	45	38	59	18	22	58	34	64	118	179	41	61	131	9	96	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	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	Mean (94-			Level ⁴			(-10% TL)
																	High q	19)	Low q	Level ⁴			(-10% TL)
																	11.5%	4.4%	2.2%	11.4%	5.7%		
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
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
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
3-Jun-20	0	1	1	1	1	0	1	1	1	100%	0	0	0	0	0	0	11	22	32	34	34	34	34
4-Jun-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	0	11	22	32	34	34	34	0
5-Jun-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	0	11	22	32	34	34	34	0
6-Jun-20	0	1	1	1	2	0	1	1	2	100%	0	0	0	0	0	0	23	44	65	67	67	67	34
7-Jun-20	0	1	1	1	3	0	1	1	3	100%	0	0	0	0	0	0	34	66	97	101	101	101	34
8-Jun-20	0	0	0	0	3	0	0	0	3	0%	0	0	0	0	0	0	34	66	97	101	101	101	0
9-Jun-20	1	0	1	1	4	1	0	1	4	100%	1	1	0	0	0	0	46	88	129	134	134	134	34
10-Jun-20	0	4	4	4	8	0	3	3	7	75%	0	1	0	0	0	0	91	175	259	222	222	222	88
11-Jun-20	1	1	2	2	10	1	1	2	9	100%	0	1	0	0	0	0	114	219	323	286	286	286	65
12-Jun-20	0	2	2	2	12	0	2	2	11	100%	0	1	0	0	0	0	137	263	388	353	353	353	67
13-Jun-20	0	3	3	3	15	0	3	3	14	100%	2	3	0	0	0	0	171	329	485	388	388	388	34
14-Jun-20	0	1	1	1	16	0	1	1	15	100%	0	3	0	0	0	0	182	350	517	421	421	421	34
15-Jun-20	0	0	0	0	16	0	0	0	15	0%	2	5	0	0	0	0	182	350	517	421	421	421	0
16-Jun-20	0	1	1	1	17	0	1	1	16	100%	2	7	0	0	0	0	194	372	550	443	443	443	22
17-Jun-20	0	1	1	1	18	0	1	1	17	100%	0	7	0	0	0	0	205	394	582	477	477	477	34
18-Jun-20	1	2	3	3	21	1	2	3	20	100%	3	10	0	0	0	0	239	460	679	511	511	511	34
19-Jun-20	2	3	5	5	26	2	3	5	25	100%	0	10	0	0	0	0	296	569	841	568	568	568	57
20-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	568	568	568	0
21-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	568	568	568	0
22-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	568	568	568	0
23-Jun-20	0	0	0	0	26	0	0	0	25	0%	0	10	0	0	0	0	296	569	841	568	568	568	0
24-Jun-20	2	3	5	5	31	2	3	5	30	100%	1	11	0	0	0	0	353	679	1,002	625	625	625	57
25-Jun-20	4	7	11	11	42	4	7	11	41	100%	4	15	0	0	0	0	478	920	1,358	750	750	750	125
26-Jun-20	3	14	17	17	59	3	14	17	58	100%	22	37	1	1	1	0	672	1,292	1,908	944	944	944	194
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	1,285	1,285	1,285	342
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	1,615	1,615	1,615	330
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	2,746	2,746	2,746	1,131
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	3,962	3,962	3,962	1,216
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	5,297	5,297	5,297	1,335
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	7,041	8,810	8,810	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	7,291	9,602	9,602	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	7,374	9,784	9,784	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	7,754	10,364	10,364	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	10,088	14,077	14,077	3,712
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	16,277	23,181	23,181	9,105
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	20,803	30,001	30,001	6,820
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	24,822	38,415	38,415	8,414
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	28,774	47,211	47,211	8,796
11-Jul-20	121	226	347	347	4048	77	110	187	2484	54%	921	5380	15	120	46	11.9	31,089	66,807	123,451	31,361	52,900	52,900	5,689
12-Jul-20	87	181	268	268	4316	62	78	140	2624	52%	619	5999	11	131	29	11.0	33,088	71,143	131,596	33,359	57,702	57,702	4,802
13-Jul-20	140	200	340	340	4656	100	121	221	2845	65%	902	6901	26	157	54	11.2	35,623	76,644	141,928	35,894	68,363	68,363	10,661
14-Jul-20	100	169	269	269	4925	54	71	125	2970	46%	733	7634	36	193	50	15.6	37,629	80,996	150,103	37,900	77,319	77,319	8,956
15-Jul-20	73	185	258	258	5183	46	98	144	3114	56%	635	8269	16	209	20	16.6	39,725	86,351	160,740	39,996	85,094	85,094	7,775
16-Jul-20	15	175	190	190	5373	13	99	112	3226	59%	115	8384	3	212	4	16.4	41,395	91,164	170,635	41,667	90,862	90,862	5,767
17-Jul-20	5	25	30	30	5403	5	22	27	3253	90%	22	8406	0	212	0	17.9	41,659	91,924	172,197	41,931	91,596	91,596	734
18-Jul-20	39	94	133	133	5536	33	86	119	3372	89%	139	8545	1	213	1	31.4	42,829	95,294	179,123	43,100	94,424	94,424	2,828
19-Jul-20	66	145	211	211	5747	63	84	147	3519	70%	380	8925	9	222	12	33.3	44,684	100,639	190,111	44,956	98,697	98,697	4,273
20-Jul-20	58	139	197	197	5944	38	63	101	3620	51%	645	9570	18	240	21	30.1	46,416	105,629	200,370	46,688	102,452	102,452	3,755

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	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	FW1	FW2	Total	Tag	Tag (incl. rcps)	catch	catch	Recaps	recaps	Recaps	Factor	Mean (94-19)			Level ⁴			(-10% TL)		
																High q	19	Low q						
															11.5%	4.4%	2.2%	11.4%	5.7%					
21-Jul-20	47	149	196	196	6140	41	78	119	3739	61%	256	9826		5	245	7	30.4	48,140	110,595	210,577	48,411	105,890	105,890	3,438
22-Jul-20	75	177	252	252	6392	67	119	186	3925	74%	751	10577		23	268	33	24.5	50,355	116,978	223,700	50,627	110,022	110,022	4,132
23-Jul-20	125	190	315	315	6707	85	106	191	4116	61%	1141	11718		39	307	54	21.3	53,125	124,958	240,104	53,397	115,100	115,100	5,078
24-Jul-20	180	226	406	406	7113	65	110	175	4291	43%	695	12413		15	322	29	20.2	56,695	135,243	261,246	56,967	122,353	122,353	7,253
25-Jul-20	199	290	489	489	7602	100	164	264	4555	54%	640	13053		14	336	32	19.1	60,995	147,631	286,711	61,267	131,775	131,775	9,422
26-Jul-20	219	263	482	482	8084	119	129	248	4803	51%	682	13735		21	357	43	17.5	65,233	159,841	311,812	65,505	141,462	141,462	9,687
27-Jul-20	149	256	405	405	8489	75	111	186	4989	46%	875	14610		23	380	51	16.4	68,794	170,101	332,902	69,066	149,808	149,808	8,346
28-Jul-20	90	231	321	321	8810	72	140	212	5201	66%	663	15273		12	392	30	16.1	71,617	178,233	349,618	71,888	155,802	155,802	5,994
29-Jul-20	160	205	365	365	9175	88	105	193	5394	53%	756	16029		10	402	22	17.9	74,826	187,479	368,626	75,098	163,184	163,184	7,382
30-Jul-20	191	278	469	469	9644	107	140	247	5641	53%	1236	17265		29	431	57	19.3	78,950	199,360	393,049	79,222	174,979	174,979	11,795
31-Jul-20	148	268	416	416	10060	52	84	136	5777	33%	653	17918		18	449	35	20.1	82,608	209,899	414,713	82,880	184,336	184,336	9,357
1-Aug-20	69	50	119	178	10238	54	46	100	5877	84%	524	18442		11	460	21	20.6	84,174	214,410	423,987	84,446	188,786	188,786	4,451
2-Aug-20	39	26	65	65	10303	35	24	59	5936	91%	249	18691		7	467	13	18.7	84,746	216,057	427,372	85,017	190,453	190,453	1,667
3-Aug-20	79	248	327	327	10630	67	135	202	6138	62%	390	19081		7	474	11	20.2	87,621	224,341	444,401	87,892	196,725	196,725	6,272
4-Aug-20	176	229	405	405	11035	111	140	251	6389	62%	477	19558		9	483	13	25.1	91,498	235,418	467,973	91,770	203,795	203,795	7,070
5-Aug-20	82	164	246	246	11281	51	78	129	6518	52%	344	19902		13	496	20	22.5	93,853	242,146	482,291	94,125	207,413	207,413	3,618
6-Aug-20	100	168	268	268	11549	64	109	173	6691	65%	158	20060		2	498	4	25.0	96,419	249,476	497,889	96,690	210,835	210,835	3,421
7-Aug-20	111	207	318	318	11867	79	119	198	6889	62%	336	20396		5	503	8	25.6	99,463	258,174	516,398	99,735	214,570	214,570	3,735
8-Aug-20	91	235	326	326	12193	55	115	170	7059	52%	506	20902		17	520	30	19.2	102,838	267,749	537,370	103,110	218,320	218,320	3,750
9-Aug-20	112	191	303	303	12496	48	47	95	7154	31%	404	21306		14	534	30	17.5	105,975	276,648	556,862	106,247	222,194	222,194	3,874
10-Aug-20	118	189	307	307	12803	59	105	164	7318	53%	390	21696		16	550	31	14.7	109,154	285,664	576,612	109,425	226,272	226,272	4,077
11-Aug-20	101	137	238	238	13041	69	73	142	7460	60%	407	22103		18	568	28	12.8	111,618	292,654	591,923	111,889	229,595	229,595	3,323
12-Aug-20	141	188	329	329	13370	67	82	149	7609	45%	391	22494		19	587	31	11.7	115,024	302,317	613,088	115,296	235,826	235,826	6,232
13-Aug-20	104	46	150	150	13520	46	29	75	7684	50%	673	23167		27	614	53	11.5	116,577	306,722	622,737	116,849	238,667	238,667	2,841
14-Aug-20	38	81	119	119	13639	29	42	71	7755	60%	397	23564		9	623	17	12.8	117,809	310,217	630,393	118,081	240,921	240,921	2,254
15-Aug-20	39	49	88	109	13748	30	35	65	7820	74%	193	23757		5	628	9	13.3	119,049	313,125	636,542	119,321	242,986	242,986	2,065
16-Aug-20	0	4	4	4	13752	0	4	4	7824	100%	28	23785		2	630	3	14.0	119,099	313,221	636,736	119,370	243,062	243,062	76
17-Aug-20	0	0	0	0	13752	0	0	0	7824	0%	0	23785		0	630	0	18.9	119,099	313,221	636,736	119,370	243,062	243,062	0
18-Aug-20	0	0	0	0	13752	0	0	0	7824	0%	0	23785		0	630	0	18.9	119,099	313,221	636,736	119,370	243,062	243,062	0
19-Aug-20	0	0	0	0	13752	0	0	0	7824	0%	0	23785		0	630	0	18.9	119,099	313,221	636,736	119,370	243,062	243,062	0
20-Aug-20	3	0	3	8	13760	3	0	3	7827	100%	0	23785		0	630	0	18.9	119,198	313,413	637,124	119,470	243,213	243,213	152
21-Aug-20	32	0	32	90	13850	29	0	29	7856	91%	0	23785		0	630	0	18.9	120,314	315,572	641,488	120,585	244,918	244,918	1,705
22-Aug-20	29	0	29	81	13931	28	0	28	7884	97%	0	23785		0	630	0	18.9	121,318	317,515	645,417	121,590	246,452	246,452	1,534
23-Aug-20	28	0	28	78	14009	26	0	26	7910	93%	0	23785		0	630	0	18.9	122,285	319,386	649,199	122,557	247,930	247,930	1,477
24-Aug-20	2	0	2	6	14015	2	0	2	7912	100%	0	23785		0	630	0	18.9	122,359	319,530	649,490	122,701	248,043	248,043	114
Total	4814	8933	13747	14015		2984	4928	7912		58%	23785		0	630			122,359	319,530	649,490	122,701	248,043		248,043	

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: **19-Aug** VARIABLE FROM (SHADED): **20-Aug** TO **24-Aug**

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			Upstream fishwheels		Upstream fishwheels			Catch ¹		All Wheels			Daily %			Hist. catch index est. 94-19						
	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		
																					13.1%	6.7%	2.1%	6.7%	6.9%
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	10,792	10,428
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	10,940	10,570
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	11,059	10,696
26-Jul-20	3	13	16	16	762	13	11	14	38	1841	54	2601	2	11	11	11	46	2369	85%	5,836	11,296	36,614	11,296	10,966	
27-Jul-20	0	6	6	6	768	8	8	12	28	1869	34	2635	0	6	5	8	11	30	2399	88%	5,882	11,385	36,903	11,385	11,070
28-Jul-20	0	3	3	3	771	1	1	1	3	1872	6	2641	0	3	1	1	1	6	2405	100%	5,905	11,429	37,047	11,429	11,116
29-Jul-20	0	1	1	1	772	5	4	0	9	1881	10	2651	0	1	3	4	0	8	2413	80%	5,913	11,444	37,095	11,444	11,133
30-Jul-20	1	10	11	11	783	12	5	11	28	1909	39	2690	1	8	9	3	8	29	2442	74%	5,997	11,607	37,623	11,607	11,399
31-Jul-20	2	17	19	19	802	5	2	2	9	1918	28	2718	1	15	4	1	1	22	2464	79%	6,143	11,889	38,536	11,889	11,780
01-Aug-20	0	0	0	0	802	4	1	2	7	1925	7	2725	0	0	3	1	0	4	2468	57%	6,143	11,889	38,536	11,889	11,780
02-Aug-20	0	0	0	0	802	0	0	0	0	1925	0	2725	0	0	0	0	0	0	2468	0%	6,143	11,889	38,536	11,889	11,780
03-Aug-20	0	1	1	1	803	0	0	2	2	1927	3	2728	0	1	0	0	0	1	2469	33%	6,150	11,904	38,584	11,904	11,796
04-Aug-20	0	1	1	1	804	0	1	0	1	1928	2	2730	0	1	0	1	0	2	2471	100%	6,158	11,919	38,632	11,919	11,810
05-Aug-20	0	4	4	4	808	1	0	2	3	1931	7	2737	0	4	1	0	1	6	2477	86%	6,188	11,978	38,825	11,978	11,853
06-Aug-20	1	0	1	1	809	0	0	0	0	1931	1	2738	1	0	0	0	0	1	2478	100%	6,196	11,993	38,873	11,993	11,862
07-Aug-20	0	1	1	1	810	2	0	0	2	1933	3	2741	0	1	1	0	0	2	2480	67%	6,204	12,008	38,921	12,008	11,870
08-Aug-20	0	3	3	3	813	0	0	4	4	1937	7	2748	0	2	0	0	4	6	2486	86%	6,227	12,052	39,065	12,052	11,894
09-Aug-20	1	2	3	3	816	0	0	1	1	1938	4	2752	1	2	0	0	1	4	2490	100%	6,250	12,097	39,209	12,097	11,921
10-Aug-20	0	3	3	3	819	0	0	0	0	1938	3	2755	0	3	0	0	0	3	2493	100%	6,273	12,141	39,353	12,141	11,949
11-Aug-20	0	4	4	4	823	1	1	3	5	1943	9	2764	0	4	1	1	1	7	2500	78%	6,303	12,200	39,545	12,200	11,989
12-Aug-20	2	1	3	3	826	0	0	1	1	1944	4	2768	2	1	0	0	1	4	2504	100%	6,326	12,245	39,689	12,245	12,036
13-Aug-20	0	3	3	3	829	3	2	2	7	1951	10	2778	0	2	3	1	1	7	2511	70%	6,349	12,289	39,834	12,289	12,082
14-Aug-20	0	3	3	3	832	0	1	1	2	1953	5	2783	0	3	0	0	0	3	2514	60%	6,372	12,334	39,978	12,334	12,128
15-Aug-20	0	2	2	2	834	0	0	0	0	1953	2	2785	0	2	0	0	0	2	2516	100%	6,388	12,363	40,074	12,363	12,159
16-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
17-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
18-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
19-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
20-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
21-Aug-20	0	0	0	0	834	0	0	0	0	1953	0	2785	0	0	0	0	0	0	2516	0%	6,388	12,363	40,074	12,363	12,159
22-Aug-20	1	0	1	5	839	0	0	0	0	1953	1	2786	1	0	0	0	0	1	2517	100%	6,426	12,438	40,314	12,438	12,236
23-Aug-20	0	0	0	0	839	0	0	0	0	1953	0	2786	0	0	0	0	0	0	2517	0%	6,426	12,438	40,314	12,438	12,236
24-Aug-20	1	0	1	5	844	0	0	0	0	1953	1	2787	1	0	0	0	0	1	2518	100%	6,464	12,512	40,554	12,512	12,313
Totals	171	663	834	844		564	790	599	1953		2787		152	610	510	724	522	2518		90%	6,464	12,512	40,554	12,512	12,313

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]

Date ²	Gitwinksihlkw Test Fishery Catch ¹			Fishwheel Tags (GW only)			Grease Harbour (FW3-6 incl. recaps & IS fishery) ¹				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#2	Exp. Meth #1	Catch-index Est. Range (historical)			MR method		Best Est.	Daily Esc.		
																	High q	Mean	Low q	SO	MR				
																	(12) ³	(94-19) ⁴	(11) ⁵	Level ⁶	CO MR ⁷				
	7.8%	4.7%	2.6%	7.8%	5.8%	4.3%																			
14-Jul-20	1	0	1	1	1	1	0	1	100%	0	0	0	0	0			13	21	39	39	16		16	16	
15-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0			13	21	39	39	16		16	0	
16-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0			13	21	39	39	16		16	0	
17-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0			13	21	39	39	16		16	0	
18-Jul-20	0	0	0	0	1	0	0	0	1	0%	0	0	0	0			13	21	39	39	16		16	0	
19-Jul-20	1	1	2	2	3	1	1	2	3	100%	0	0	0	0			38	63	116	81	82		82	67	
20-Jul-20	0	0	0	0	3	0	0	0	3	0%	0	0	0	0			38	63	116	81	82		82	0	
21-Jul-20	0	0	0	0	3	0	0	0	3	0%	1	1	0	0			38	63	116	81	82		82	0	
22-Jul-20	0	3	3	3	6	0	3	3	6	100%	0	1	0	0			77	127	232	144	156		156	73	
23-Jul-20	0	2	2	2	8	0	2	2	8	100%	4	5	0	0			103	169	309	170	198		198	43	
24-Jul-20	3	1	4	4	12	3	1	4	12	100%	3	8	0	0			154	253	463	221	279		279	81	
25-Jul-20	7	3	10	10	22	7	3	10	22	100%	4	12	1	1			282	464	849	349	470		470	191	
26-Jul-20	13	4	17	17	39	11	3	14	36	82%	0	12	0	1			500	823	1,505	567	768		768	298	
27-Jul-20	2	8	10	10	49	1	8	9	45	90%	8	20	0	1			628	1,034	1,891	695	932		932	164	
28-Jul-20	5	12	17	17	66	5	12	17	62	100%	6	26	0	1	0		846	1,393	2,548	913	1,206		1,206	274	
29-Jul-20	11	11	22	22	88	10	11	21	83	95%	6	32	0	1	0		1,128	1,858	3,397	1,195	1,599		1,599	393	
30-Jul-20	63	18	81	81	169	56	15	71	154	88%	27	59	0	1	0		2,166	3,568	6,523	2,233	3,160		3,160	1,561	
31-Jul-20	29	18	47	47	216	25	14	39	193	83%	47	106	1	2	2		2,768	4,560	8,337	2,835	4,104		4,104	945	
01-Aug-20	27	1	28	45	261	24	1	25	218	89%	25	131	0	2	0		3,345	5,510	10,074	3,412	5,032		5,032	927	
02-Aug-20	12	2	14	14	275	12	2	14	232	100%	16	147	1	3	2		3,524	5,805	10,615	3,592	5,293		5,293	261	
03-Aug-20	21	25	46	46	321	20	20	40	272	87%	18	165	1	4	3		4,114	6,776	12,390	4,181	6,223		6,223	930	
04-Aug-20	33	35	68	68	389	31	32	63	335	93%	35	200	0	4	0		4,985	8,212	15,015	5,052	7,933		7,933	1,710	
05-Aug-20	21	24	45	45	434	19	21	40	375	89%	32	232	1	5	1		5,562	9,162	16,752	5,629	8,946		8,946	1,012	
06-Aug-20	11	21	32	32	466	10	17	27	402	84%	13	245	0	5	0		5,972	9,837	17,987	6,039	9,745		9,745	800	
07-Aug-20	28	26	54	54	520	24	18	42	444	78%	37	282	3	8	4		6,664	10,977	20,071	6,731	11,130	11,130	11,130	1,385	
08-Aug-20	47	63	110	110	630	38	45	83	527	75%	124	406	4	12	5	33.8	8,074	13,299	24,317	8,141	13,240	13,676	13,676	2,546	
09-Aug-20	46	36	82	82	712	39	25	64	591	78%	78	484	4	16	4	30.3	9,125	15,030	27,482	9,192	14,671	15,620	15,620	1,944	
10-Aug-20	75	53	128	128	840	42	50	92	683	72%	91	575	6	22	7	26.1	10,765	17,732	32,423	10,832	16,554	18,655	18,655	3,035	
11-Aug-20	41	40	81	81	921	36	39	75	758	93%	123	698	10	32	13	21.8	11,803	19,442	35,550	11,870	17,588	20,576	20,576	1,920	
12-Aug-20	96	37	133	133	1054	66	36	102	860	77%	143	841	9	41	15	20.5	13,508	22,250	40,683	13,575	19,151	23,729	23,729	3,153	
13-Aug-20	132	41	173	173	1227	57	33	90	950	52%	280	1121	12	53	18	21.2	15,725	25,902	47,361	15,792	21,141	27,831	27,831	4,102	
14-Aug-20	69	69	138	138	1365	41	52	93	1043	67%	259	1380	7	60	11	23.0	17,493	28,815	52,687	17,560	22,905	31,103	31,103	3,272	
15-Aug-20	42	44	86	86	1451	30	31	61	1104	71%	55	1435	2	62	4	23.1	18,595	30,631	56,007	18,663	24,047	33,142	33,142	2,039	
16-Aug-20	0	4	4	4	1455	0	4	4	1108	100%	35	1470	0	62	0	23.7	18,647	30,715	56,161	18,714	24,103	33,237	33,237	95	
17-Aug-20	0	0	0	0	1455	0	0	0	1108	0%	0	1470	0	62	0	23.7	18,647	30,715	56,161	18,714	24,103	33,237	33,237	0	
18-Aug-20	0	0	0	0	1455	0	0	0	1108	0%	0	1470	0	62	0	23.7	18,647	30,715	56,161	18,714	24,103	33,237	33,237	0	
19-Aug-20	0	0	0	0	1455	0	0	0	1108	0%	0	1470	0	62	0	23.7	18,647	30,715	56,161	18,714	24,103	33,237	33,237	0	
20-Aug-20	13	0	13	25	1480	12	0	12	1120	92%	0	1470	0	62	0	23.7	18,967	31,243	57,126	19,034	24,577	33,829	33,829	593	
21-Aug-20	64	0	64	122	1602	54	0	54	1174	84%	0	1470	0	62	0	23.7	20,530	33,818	61,835	20,598	26,887	36,722	36,722	2,893	
22-Aug-20	93	0	93	177	1779	59	0	59	1233	63%	0	1470	0	62	0	23.7	22,799	37,555	68,667	22,866	30,240	40,919	40,919	4,197	
23-Aug-20	65	0	65	124	1903	28	0	28	1261	43%	0	1470	0	62	0	23.7	24,388	40,172	73,454	24,455	32,589	43,859	43,859	2,940	
24-Aug-20	4	0	4	8	1911	4	0	4	1265	100%	0	1470	0	62	0	23.7	24,490	40,341	73,762	24,558	32,740	44,048	44,048	190	
Total	1075	602	1677	1911		766	499	1265		75%	1470		62												44,048

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 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.

MARK RECAPTURE ESTIMATES ARE:
 FINAL: 17-Aug
 VARIABLE: 18-Aug TO 24-Aug

Catches of Steelhead - 2020 Nass River Fishwheels

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

Date ²	Gitwinksihlkw Catch run ¹			(SR=summer run)		Grease Harbour Catch (SR=summer run) ¹				All Wheels catch (SR=summer run; All=includes catch before 1 July)			Adipose fin marked (SR)			Cum. escapement estimates using (FW1 & FW2):					Best Estimate				
	FW1	FW2	Total	Adj. catch	SR Cum	FW3	FW5	FW6	Total	SR Cum	All Cum	Total	Cum marked	Daily % tagged	Historical catch-index est.			Daily Water Level ⁶	In-season SK/CO MR est ^{7,8}	Cum.	Daily				
															High q (04) ³	Mean 94-19 ⁴	Low q (97) ⁵					5.9%	2.7%	1.2%	2.3%
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	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	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	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	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	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	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	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	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	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	0	0	0	0
11-Jul-20	0	1	1	1	1	0	0	0	0	0	1	1	3	1	100%	20	44	98	44	14	14	14	14	14	14
12-Jul-20	0	0	0	0	1	0	0	0	0	0	0	1	3	0	1	0%	20	44	98	44	14	14	14	0	
13-Jul-20	0	0	0	0	1	0	0	1	1	1	1	2	4	1	100%	20	44	98	44	14	14	14	0	0	
14-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
15-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
16-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
17-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
18-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
19-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
20-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
21-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
22-Jul-20	0	0	0	0	1	0	0	0	0	1	0	2	4	0	2	0%	20	44	98	44	14	14	14	0	
23-Jul-20	1	1	2	2	3	0	0	0	0	1	2	4	6	2	4	100%	60	131	295	131	65	65	50	50	
24-Jul-20	1	0	1	1	4	0	0	1	1	2	2	6	8	1	5	50%	80	175	394	175	89	89	24	24	
25-Jul-20	0	1	1	1	5	1	0	0	1	3	2	8	10	1	6	50%	100	219	492	219	111	111	23	23	
26-Jul-20	0	0	0	0	5	0	0	0	0	3	0	8	10	0	6	0%	100	219	492	219	111	111	0	0	
27-Jul-20	2	1	3	3	8	1	0	2	3	6	6	14	16	4	10	67%	161	350	787	350	170	170	58	58	
28-Jul-20	1	1	2	2	10	0	0	1	1	7	3	17	19	1	11	33%	201	438	984	438	208	208	38	38	
29-Jul-20	1	2	3	3	13	0	0	1	1	8	4	21	23	3	14	75%	261	569	1,279	569	272	272	64	64	
30-Jul-20	1	4	5	5	18	0	0	0	0	8	5	26	28	5	19	100%	362	788	1,771	788	386	386	114	114	
31-Jul-20	0	4	4	4	22	0	0	3	3	11	7	33	35	4	23	57%	442	963	2,164	963	481	481	95	95	
1-Aug-20	0	0	0	0	24	2	0	4	6	17	6	39	41	2	25	33%	482	1,050	2,361	963	530	530	49	49	
2-Aug-20	0	0	0	0	24	0	0	0	0	17	0	39	41	0	25	0%	482	1,050	2,361	963	530	530	0	0	
3-Aug-20	0	3	3	3	27	0	0	0	0	17	3	42	44	3	28	100%	542	1,181	2,656	1,094	602	602	72	72	
4-Aug-20	0	7	7	7	34	1	0	1	2	19	9	51	53	7	35	78%	683	1,488	3,345	1,400	811	811	209	209	
5-Aug-20	1	3	4	4	38	0	2	1	3	22	7	58	60	6	41	86%	764	1,663	3,739	1,575	918	918	107	107	
6-Aug-20	0	0	0	0	38	0	0	0	0	22	0	58	60	0	41	0%	764	1,663	3,739	1,575	918	918	0	0	
7-Aug-20	0	1	1	1	39	0	0	0	0	22	1	59	61	1	42	100%	784	1,706	3,837	1,619	949	949	30	30	
8-Aug-20	1	3	4	4	43	0	0	2	2	24	6	65	67	2	44	33%	864	1,882	4,231	1,794	1,109	1,109	161	161	
9-Aug-20	0	2	2	2	45	1	0	2	3	27	5	70	72	3	47	60%	904	1,969	4,427	1,882	1,181	1,181	72	72	
10-Aug-20	0	0	0	0	45	0	0	0	0	27	0	70	72	0	47	0%	904	1,969	4,427	1,882	1,181	1,181	0	0	
11-Aug-20	0	4	4	4	49	0	0	2	2	29	6	76	78	4	51	67%	985	2,144	4,821	2,057	1,285	1,285	104	104	
12-Aug-20	0	9	9	9	58	2	3	1	6	35	15	91	93	13	64	87%	1,165	2,538	5,706	2,450	1,504	1,504	219	219	
13-Aug-20	2	5	7	7	65	1	4	6	11	46	18	109	111	12	76	67%	1,306	2,844	6,395	2,757	1,680	1,680	176	176	
14-Aug-20	2	10	12	12	77	5	5	1	11	57	23	132	134	20	96	87%	1,547	3,369	7,576	3,282	2,007	2,007	328	328	
15-Aug-20	1	2	3	10	87	1	1	3	5	62	8	140	142	5	101	63%	1,748	3,807	8,559	3,413	2,282	2,282	275	275	
16-Aug-20	0	0	0	0	87	0	0	0	0	62	0	140	142	0	101	0%	1,748	3,807	8,559	3,413	2,282	2,282	0	0	
17-Aug-20	0	0	0	0	87	0	0	0	0	62	0	140	142	0	101	0%	1,748	3,807	8,559	3,413	2,282	2,282	0	0	
18-Aug-20	0	0	0	0	87	0	0	0	0	62	0	140	142	0	101	0%	1,748	3,807	8,559	3,413	2,282	2,282	0	0	
19-Aug-20	0	0	0	0	87	0	0	0	0	62	0	140	142	0	101	0%	1,748	3,807	8,559	3,413	2,282	2,282	0	0	
20-Aug-20	1	0	1	3	90	0	0	0	0	62	1	141	143	1	102	100%	1,808	3,938	8,855	3,457	2,366	2,366	84	84	
21-Aug-20	2	0	2	6	96	0	0	0	0	62	2	143	145	2	104	100%	1,929	4,201	9,445	3,544	2,535	2,535	169	169	

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)			Cum. escapement estimates using (FW1 & FW2):											
	FW1	FW2	Total	Adj. catch	SR Cum	FW3	FW5	FW6	Total	SR Cum	All Cum	Total	Cum marked	Daily % tagged	Historical catch-index est.			Daily Water Level ⁶	In-season SK/CO MR est ^{7,8}	Best Estimate					
															High q (04) ³	Mean 94-19 ⁴	Low q (97) ⁵			Cum.	Daily				
22-Aug-20	0	0	0	0	96	0	0	0	0	62	0	143	145	0	104	0%	5.9%	2.7%	1.2%	2.3%	3.1%	2,535	2,535	0	
23-Aug-20	2	0	2	6	102	0	0	0	0	62	2	145	147	2	106	100%	1,929	4,201	9,445	3,544	2,535	2,704	2,704	169	
24-Aug-20	0	0	0	0	102	0	0	0	0	62	0	145	147	0	106	0%	2,049	4,463	10,035	3,632	2,704	2,704	2,704	0	
Total	19	64	83	102		15	15	32	62		145	147		106		73%									2,704

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%⁶).

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.

COHO MR METHOD IS:			
FINAL:	17-Aug		
DRAFT	18-Aug	TO	24-Aug