File: 71007

DRAFT AGENDA
PSC Fraser River Panel Meeting
Via Zoom Webinar: https://psc-org.zoom.us/j/85284137826

FRP meeting: Tuesday, September 2, 2025 at 11 am

	1)	Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org)	5 min	
	2)	Webinar Etiquette: mute phone & chat feature	2 min	
☑	3)	Agenda	5 min	
	4)	**Overview of run and catch status**	5 min	PSC staff
☑		a) Accounted run to date relative to forecast and adopted run sizes		
☑		b) Catch-to-date by fishery		
☑		c) Release mortalities		
☑		d) TAC table		
	5)	**Biological information**	20 min	PSC staff
☑		a) Test fishing catches and acoustics summary		
☑		b) Comparison of predictions from Mission to Qualark		
☐		c) Species composition review		
☑		d) Stock Identification review		
		e) Management Adjustment (MA) considerations		
☑		i) Environmental report		
☐		ii) pDBE forecast and sensitivity analysis		
☑		iii) Current temperatures in areas of the Fraser Watershed		
☐		iv) TNG Taskforce Update		
☐		v) Report on fish condition		DFO
☐		vi) Spawning ground reports		DFO
	6)	**Assessment information**		PSC staff
☑		a) Daily migration graphs		
☑		b) Predicted abundance en route to Mission		
☑		c) Diversion rate		
☐		d) Technical assessment information		
☑		e) Run size and timing estimates		
☐		f) Predicted allowable harvest based on run size and DBE scenarios		
☐		g) Criteria for fishing decisions table		
	7)	**Recommendations on run size, migration timing and MA**		
☑		a) PSC recommendations		PSC staff
		b) Canadian and/or U.S. recommendations		Panel
		c) Panel decision		
		d) Updated TAC table		
	8)	**Fisheries recommendations**		
		a) Canadian and U.S. proposals		Panel
☑		b) Staff catch evaluation based on proposed fisheries		PSC staff
		c) Canadian and U.S. evaluation		Panel
		d) Panel decision		
☐	9)	Assessments from other areas	5 min	PSC staff
☑	10)	Other business: Test fishing plans	5 min	Panel
☑	11)	Next FRP meeting and agenda	2 min	PSC staff/Panel
	12)	Next TC meeting:		PSC staff
☑	13)	Data acknowledgements		

Legend: ☑ Content included in the distribution
☐ Not included in the distribution due to not relevant for this meeting or no (new) information

4a. Accounted run to date relative to forecast and adopted runsizes

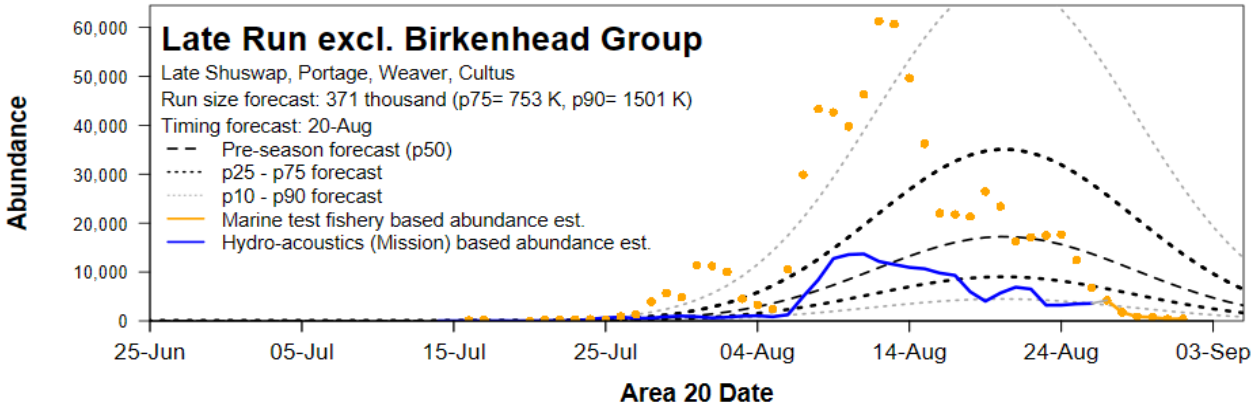
2025 Run status of Fraser sockeye and pink salmon

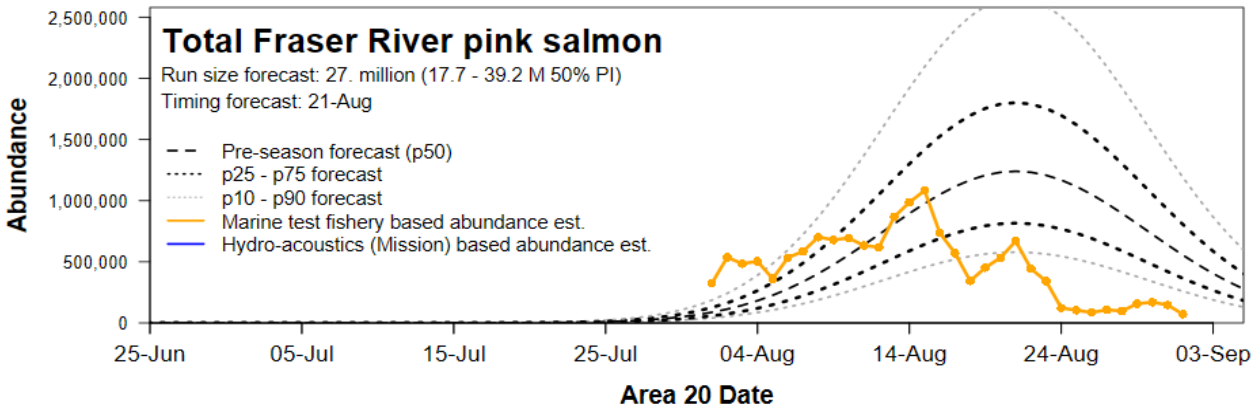
Date: Sep. 2, 2025

The information presented in this distribution has been prepared by PSC Secretariat staff and should be considered preliminary until reviewed by the Fraser River Panel

Week of: Aug. 31 - Sep. 6, 2025	Sockeye					Pink
	Management Group				Total	Total
	E.Stuart	E.Summer	Summer	Late	Fraser	Fraser
Mission passage (incldes Pitt, Alouette, Coquitlam)	731,900	375,200	6,037,500	548,900	7,693,500	7,152,500
Catch downstream of Mission	3,900	34,400	752,500	110,600	901,400	1,008,700
Accounted Run To Date	735,800	409,600	6,790,000	659,500	8,594,900	8,161,300
Run size adopted in-season [1]	**725,000**	**400,000**	**7,000,000**	**1,150,000**	**9,275,000**	**12,500,000**
Run size forecasted pre-season	116,000	221,000	2,136,000	468,000	2,941,000	26,965,000
Area 20 timing adopted in-season	**6-Jul**	**1-Aug**	**11-Aug**	**14-Aug**	**11-Aug**	**13-Aug**
Area 20 timing expected pre-season	8-Jul	3-Aug	15-Aug	20-Aug	14-Aug	21-Aug
Johnstone Str. Diversion Rate				In-season 5-day average	**78%**	**8%**
				Preseason forecast of annual rate:	64%	36%

[1] *Run sizes are usually not adopted until after the peak of the run has passed through marine test fishery areas in Juan de Fuca and Johnstone straits.*





4b. Catch-to-date by fishery

2025 Catch-to-date by fishery

Date: Sep. 2, 2025

Week of: Aug. 31 - Sep. 6, 2025	Sockeye		Pink	
	Total	Fraser	Total	Fraser
Canada	**791,850**	**785,187**	**177,688**	**71,812**
Commercial	**160,098**	**159,438**	**59,191**	**27,678**
B Purse Seine	96,850	96,311	46,510	18,081
D Gillnet	24,132	24,033	3,547	1,445
E Gillnet	35,137	35,137	6,447	6,447
H Troll	3,979	3,957	2,687	1,705
First Nations	**617,556**	**611,554**	**106,924**	**43,181**
Food, Social & Ceremonial (FSC)	552,346	546,344	85,152	21,409
Marine	238,950	233,143	84,339	20,596
Fraser R.	313,396	313,201	813	813
Economic Opportunity (EO) & Demonstration (Demo)	65,210	65,210	21,772	21,772
Single Stock FSC (SS FSC)	**0**	**0**	**0**	**0**
Recreational	**0**	**0**	**11,301**	**682**
Charter (Albion & A12 Chum test fishery)	**719**	**719**	**272**	**272**
Other****	**13,477**	**13,477**	**0**	**0**
United States	**305,143**	**305,011**	**1,242,089**	**942,237**
Commercial	**299,404**	**299,274**	**1,242,089**	**942,237**
Treaty Tribes (TRB)	220,106	220,098	773,597	572,127
All Citizen (AC)	79,298	79,175	468,492	370,110
Treaty Tribes Ceremonial & Subsistence (C&S)	**5,739**	**5,738**	**0**	**0**
All Citizen Recreational	**0**	**0**	**0**	**0**
Other****	**0**	**0**		
Alaska *	**na**	**na**	**na**	**na**
Panel-approved Test Fisheries	**33,229**	**32,467**	**17,641**	**11,242**
Panel Waters	**23,751**	**23,483**	**15,869**	**10,741**
Canada	23,007	22,753	15,057	10,460
U.S.	744	730	812	281
Non-Panel Waters**	**9,478**	**8,983**	**1,772**	**501**
Total	**1,130,222**	**1,122,665**	**1,437,418**	**######**
Catch Seaward of Mission ***	908,903	901,347	1,420,875	######
Catch Upstream of Mission	221,319	221,319	16,543	16,543

** Alaska data are processed post-season and so are unavailable in-season.*

*** Includes Qualark*

**** All catches in marine areas and in the Fraser River downstream of Mission.*

***** May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species*

4c. Release mortalities

2025 Release Mortalities-to-date by fishery

(release mortalites are excluded from catch

Date: Sep. 2, 2025

Week of: Aug. 31 - Sep. 6, 2025	Sockeye releases		Release mortality	
	Total	Fraser	Total	Fraser
Canada	**2,421**	**2,412**	**95**	**95**
Commercial	**0**	**0**	**0**	**0**
B Purse Seine	0	0	0	0
D Gillnet	0	0	0	0
E Gillnet	0	0	0	0
H Troll	0	0	0	0
First Nations ****	**1,979**	**1,979**	**51**	**51**
Food, Social & Ceremonial (FSC)	1,979	1,979	51	51
Marine	0	0	0	0
Fraser R.	1,979	1,979	51	51
Economic Opportunity (EO) & Demons	0	0	0	0
Single Stock FSC (SS FSC)	**0**	**0**	**0**	**0**
Recreational	**362**	**354**	**36**	**35**
Charter (Albion & A12 Chum test fishery)	**0**	**0**	**0**	**0**
Other**	**80**	**80**	**11**	**8**
United States	**18,133**	**18,122**	**4,541**	**4,538**
Commercial	**18,133**	**18,122**	**4,541**	**4,538**
Treaty Tribes (TRB)	0	0	0	0
All Citizen (AC)	18,133	18,122	4,541	4,538
Treaty Tribes Ceremonial & Subsistence (C&S)	**0**	**0**	**0**	**0**
All Citizen Recreational	**0**	**0**	**0**	**0**
Other**	**0**	**0**	**0**	**0**
Alaska *	**na**	**na**	**na**	**na**
Panel-approved Test Fisheries	**289,335**	**277,147**	**28,420**	**27,737**
Panel Waters	**289,334**	**277,146**	**28,419**	**27,736**
Canada	283,696	277,146	28,391	27,736
U.S.	5,638	0	28	0
Non-Panel Waters	**1**	**1**	**1**	**1**
Total	**309,889**	**297,681**	**33,056**	**32,369**
Catch Seaward of Mission ***	307,829	295,622	33,000	32,313
Catch Upstream of Mission	2,043	2,043	56	56

** Alaska does not report release mortalities*

***May include releases and release mortalities unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species*

**** All releases and release mortalities in marine areas and in the Fraser River downstream of Mission.*

***** As of Aug 7, these releases include 1,597 dipnet/rod and reel releases in a sanctioned Chinook fishery*

4d. TAC table

			Fraser Sockeye					Fraser Pinks	
			Early Stuart	Early Summer	Summer	Lates	Total		Total
RUN STATUS, ESCAPEMENT NEEDS & AVAILABLE SURPLUS									
Pre-season or Adopted In-season Run Size			725,000	400,000	7,000,000	1,150,000	9,275,000		12,500,000
Adult Spawning Escapement Target (SET)			**580,000**	**200,000**	**3,500,000**	**575,000**	**4,855,000**		**6,000,000**
%SET from TAM rules			80%	50%	50%	50%			48%
Management Adjustment (MA)			**1,078,800**	**108,000**	**1,890,000**	**598,000**	**3,674,800**		0
Proportional MA (pMA)			1.86	0.54	0.54	1.04			0.00
Adjusted Spawning Escapement Target (SET) *			725,000	308,000	5,390,000	1,150,000	7,573,000		6,000,000
Test Fishing (TF)			**5,500**	**3,400**	**29,350**	**5,531**	**43,781**		**90,000**
Surplus above Adjusted SET & Test fishing			0	88,600	1,580,650	0	1,669,250		6,410,000
DEDUCTIONS & TAC FOR INTERNATIONAL SHARING									
Aboriginal Fishery Exemption (AFE)			**0**	**23,887**	**376,113**	**0**	**400,000**		**0**
Total Deductions (Adj. SET + TF + Available AFE)			730,500	335,287	5,795,463	1,155,531	8,016,781		6,090,000
Available TAC for International Sharing			**0**	**64,713**	**1,204,537**	**0**	**1,269,250**		**6,410,000**
UNITED STATES (Washington) TAC									
Proportionally Distributed TAC **		16.5%	0	10,680	198,750	0	209,430	25.7%	1,647,370
U.S. Payback **		-0.2%	0	-120	-2,270	0	-2,390		0
Proportionally Distributed TAC + Payback			**0**	**10,560**	**196,480**	**0**	**207,040**		**1,647,370**
Treaty Tribes Share **		67.7%	0	7,110	132,280	0	139,390	50.0%	823,685
All Citizen Share		32.3%	0	3,450	64,200	0	67,650	50.0%	823,685
CANADA TAC									
Aboriginal Fishery Exemption (AFE)			0	23,887	376,113	0	400,000		0
Canadian TAC + AFE			**0**	**78,040**	**1,384,170**	**0**	**1,462,210**		**4,762,630**
CATCH-TO-DATE									
Test			**5,310**	**2,250**	**22,900**	**2,000**	**32,470**		**11,240**
Treaty Tribes (Wash.) / Ceremonial (TRB)			0	5,000	187,840	33,000	225,840		572,130
All Citizen (Wash.)			0	2,310	65,220	11,650	79,180		370,110
Other (Wash.)***			0	0	0	0	0		0
Washington			**0**	**7,310**	**253,060**	**44,650**	**305,010**		**942,240**
First Nations Catch (including AFE)			2,730	32,470	466,980	44,160	546,340		21,410
Planned Charter & Recreational Shares			60	30	570	61	719		950
Other***			3,390	1,690	8,380	20	13,480		0
Total Commercial (including FN EO/Demo****)			0	6,660	193,200	24,790	224,650		49,450
Canada			**6,180**	**40,850**	**669,130**	**69,030**	**785,190**		**71,810**
Total Catch in All Fisheries			**11,490**	**50,410**	**945,090**	**115,680**	**1,122,670**		**1,025,290**
Exploitation Rate (catch-to-date / run size)			1.6%	12.6%	13.5%	10.1%	12.1%		8.2%
Fisheries induced mortalities (Canada, U.S. & TF)			57	1,089	26,611	4,612	32,369		
Exploit. Rate with fishery-induced mortality included			1.6%	12.9%	13.9%	10.5%	12.5%		
CATCH REMAINING (BALANCE)									
Washington			**0**	**3,250**	**-56,580**	**-44,650**	**-97,970**		**705,130**
Canada			**-6,180**	**37,190**	**715,040**	**-69,030**	**677,020**		**4,690,820**
Balance Remaining [below share / -above share]			-6,180	40,440	658,460	-113,680	579,040		5,395,950

* The adjusted SET is the lesser of the run size or the sum of the MA + TAM - defined SET.

** Washington sockeye and pink shares according to Annex IV of the Pacific Salmon Treaty.
Sockeye: 16.5% of the TAC - payback (maximum of 5% of share).
Pink: 25.7% of the TAC - payback (maximum of 5% of share)

*** May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species.

**** EO = FN Economic Opportunity fisheries; Demo = FN Demonstration fisheries.

5a_Test Fishing & Escapement Summary_Sockeye

2025 Fraser Sockeye Test Fishing & Escapement Summary

	Johnstone Strait	Juan de Fuca Strait		Fraser River								
Area/Gear	A12 PS	A20 PS	A7 RN[1]	A29-17 GN	A29-16 GN	Whon CPUE		Qualark		Mission Hydroacoustics		Hells Gate
Location	Blinkhorn	Port Renfrew	San Juan Is	Brownsville Bar	Whonnock	Estimate	GN Catch	Estimate[2]	Method[3]	Estimate[4]	Method[5]	Estimates[6]
From A20	(-1 day)	(0 days)	(+3 days)	(+5 days)	(+6 days)	(+6 days)	(+8 days)			(+6 days)		(+10 days)
12-Aug	26101 (5 sets)	12,916		150	190	15.20	97	89,630	RB + LB	159,900	A1+M2+A2	57,160
13-Aug	23450 (5 sets)	982		346	112	8.77	134	128,409	RB + LB	219,600	A1+M2+A2	75,780
14-Aug	11960 (5 sets)	15,140		354	64	4.56	115	111,143	RB + LB	377,400	A1+M2+A2	67,740
15-Aug	DNF	9675 (5 sets)		875	209	16.48	181	97,498	RB + LB	405,400	A1+M2+A2	63,800
16-Aug	1,690	650 (2 sets)		476	189	15.12	178	260,064	RB + LB	560,400	A1+M2+A2	*No Count*
17-Aug	8241 (4 sets)	611		612	135	10.80	180	290,564	RB + LB	603,000	A1+M2+A2	82,470
18-Aug	8199 (4 sets)	173		190	216	17.28	198	367,421	RB + LB	297,600	A1+M2+A2	76,020
19-Aug	3,259	433		DNF	56	4.52	180	428,159	RB + LB	224,900	A1+M2+A2	*No Count*
20-Aug	2,298	1,320		DNF	178	14.24	173	251,950	RB + LB	167,000	A1+M2+A2	112,950
21-Aug	388	509 (5 sets)		174	99	7.92	146	156,004	RB + LB	219,300	A1+M2+A2	*No Count*
22-Aug	3230 (4 sets)	404		237	189	15.12	117	82,227	RB + LB	363,400	A1+M2+A2	63,940
23-Aug	4,120	223 (4 sets)	165	76	188	15.04	75	101,845	RB + LB	383,200	A1+M2+A2	23,370
24-Aug	970	191	151	103	144	11.52	113	205,338	RB + LB	360,900	A1+M2+A2	51,780
25-Aug	1,265	147	235	167	310	24.80	124	236,251	RB + LB	220,400	A1+M2+A2	*No Count*
26-Aug	162	31 (5 sets)		85	104	8.32	119	273,686	RB + LB	246,300	A1+M2+A2	72,410
27-Aug	103	21 (3 sets)		102	43	3.36	94	290,909	RB + LB	202,000	A1+M2+A2	*No Count*
28-Aug	204	8		125	16	1.25	103	448,523	RB + LB	55,900	CPUE-Wh-Avg	59,410
29-Aug	15 (5 sets)	0		148	20	1.60	97	543,831	RB + LB	40,100	CPUE-Wh-Avg	31,870
30-Aug	8	7	132	83	20	1.60	63	529,888	RB + LB	64,700	CPUE-Wh-Avg	*No Count*
31-Aug	0	17	129	50	50	3.98	37	315,204	RB + LB	73,500	CPUE-Wh-Avg	*No Count*
1-Sep	**End**	10	49	82	34	2.58	42			69,600	CPUE-Wh-Avg	42,370
2-Sep												
3-Sep												

[1] Area 7 Reefnet test fishery is for observation of fish presence and species composition. Vessels are operating at two observation sites.

[2] Qualark escapement estimate - does not include Chilliwack, Pitt, Harrison, Birkenhead, Big Silver, Weaver, and Cultus.

[3] Qualark source:

RB + LB = Right-bank (RB) & Left-bank (LB)

*CPUE-Wh-Avg = Whonnock CPUE * In-season expansion line (3-day average)*

[4] Mission escapement estimate - does not include Pitt

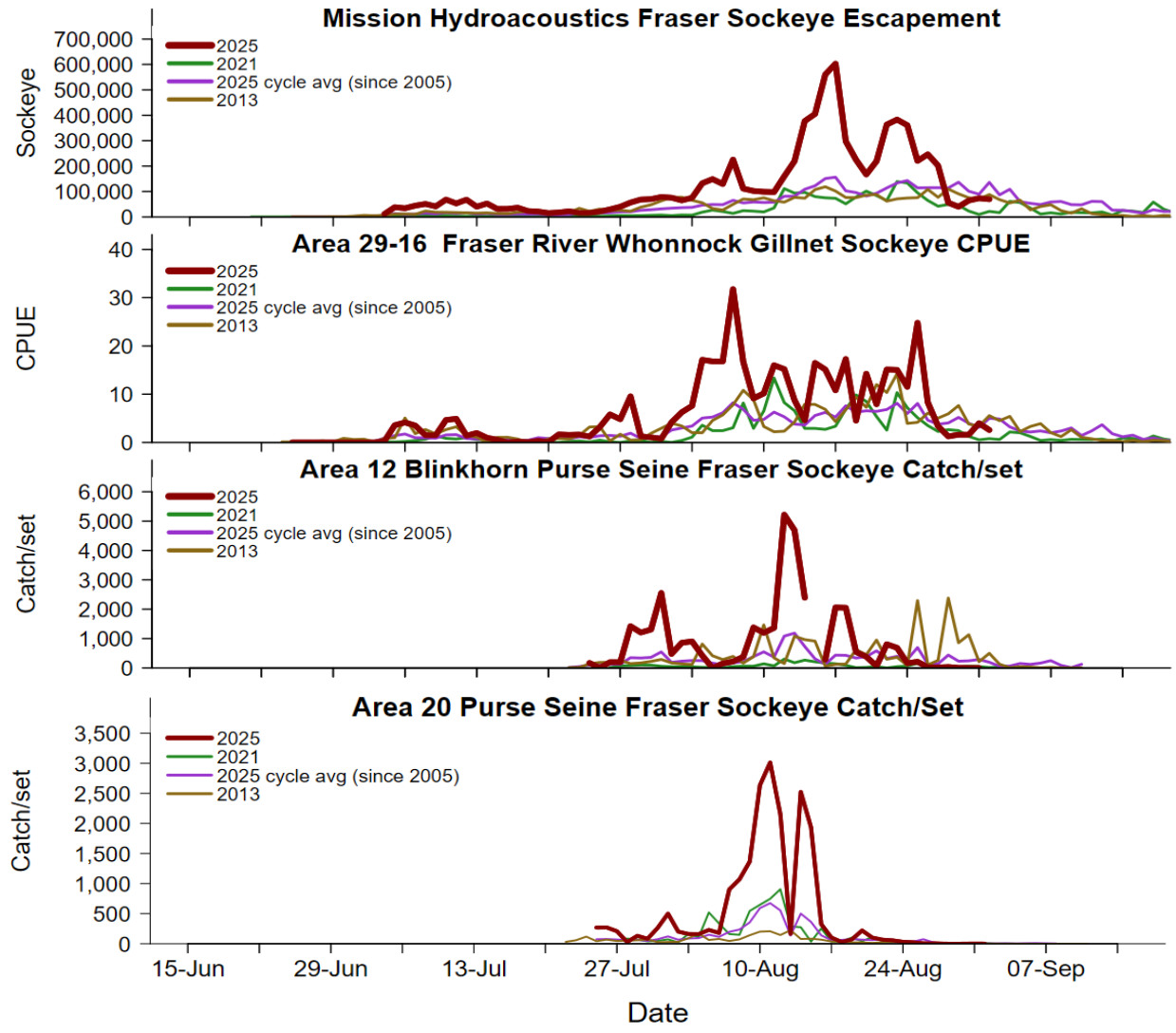
[5] *Mission Source:*

A1+M2+A2 = Left-bank ARIS (A1) + Mobile ARIS (M2) + Right-bank ARIS (A2)

[6] Daily Hells Gate abundance estimate; actual daily count has been expanded.

DNF = Did not fish

5a_Test Fishing & Escapement Summary_Sockeye



5a_Test Fishing & Escapement Summary_Pinks

2025 Fraser Pink Test Fishing & Escapement Summary

	Johnstone Strait	Juan de Fuca Strait		Fraser River								
Area/Gear	A12 PS	A20 PS	A7 RN[1]	A29-17 GN	A29-16 GN	Whon CPUE	Qualark			Mission Hydroacoustics		Hell's Gate
Location	Blinkhorn	Port Renfrew	San Juan Is	Brownsville Bar	Whonnock	Estimate	GN Catch	Estimate	Method[2]	Estimate	Method[3]	Estimates[4]
From A20	(- 2 days)	(0 days)										
12-Aug	5742 (5 sets)	4,860		0	6	0.48	0	0	RB + LB	17,180	W	0
13-Aug	1863 (5 sets)	7,500		3	0	0.00	0	0	RB + LB	4,220	BB-CPUE-Avg	0
14-Aug	1930 (5 sets)	38,830		5	3	0.21	0	0	RB + LB	8,450	BB-CPUE-Avg	0
15-Aug	DNF	14300 (5 sets)		15	5	0.39	0	0	RB + LB	24,280	BB-CPUE-Avg	0
16-Aug	1,171	1600 (2 sets)		22	9	0.72	1	1,461	RB + LB	44,340	BB-CPUE-Avg	*No Count*
17-Aug	1650 (4 sets)	5,730		53	4	0.32	6	9,685	RB + LB	95,010	BB-CPUE-Avg	50
18-Aug	2530 (4 sets)	2,080		17	12	0.96	8	14,845	RB + LB	97,120	BB-CPUE-Avg	60
19-Aug	7,020	2,285		DNF	6	0.48	11	26,165	RB + LB	62,720	CPUE-Wh-CC	*No Count*
20-Aug	4,296	14,800		DNF	12	0.96	22	32,040	RB + LB	23,230	CPUE-Wh-CC	200
21-Aug	1,095	3380 (5 sets)		44	14	1.12	26	27,781	RB + LB	60,680	CPUE-Wh-CC	*No Count*
22-Aug	1093 (4 sets)	7,142		59	22	1.76	24	16,867	RB + LB	86,720	CPUE-Wh-CC	1,210
23-Aug	4,877	780 (4 sets)	2,987	48	23	1.84	9	12,221	RB + LB	93,810	CPUE-Wh-CC	3,950
24-Aug	996	407	2,775	242	50	4.00	23	41,794	RB + LB	223,610	CPUE-Wh-CC	5,390
25-Aug	1,183	114	3,342	416	543	43.44	62	118,125	RB + LB	498,230	CPUE-Wh-CC	*No Count*
26-Aug	1,349	525 (5 sets)		360	277	22.16	30	68,997	RB + LB	907,890	CPUE-Wh-CC	18,890
27-Aug	408	170 (3 sets)		193	121	9.53	37	114,507	RB + LB	1,259,710	CPUE-Wh-CC	*No Count*
28-Aug	1,132	913		267	50	3.97	62	269,985	RB + LB	1,014,780	A1+M2+A2	30,060
29-Aug	28 (5 sets)	328		148	118	9.44	60	336,390	RB + LB	651,780	A1+M2+A2	55,790
30-Aug	54	2,810	3,151	301	114	9.12	27	227,095	RB + LB	715,690	A1+M2+A2	*No Count*
31-Aug	42	1,315	4,231	261	50	3.96	31	264,090	RB + LB	653,560	A1+M2+A2	*No Count*
1-Sep	**End**	210	3,691	187	57	4.31	25			592,910	A1+M2+A2	108,550
2-Sep												
3-Sep												

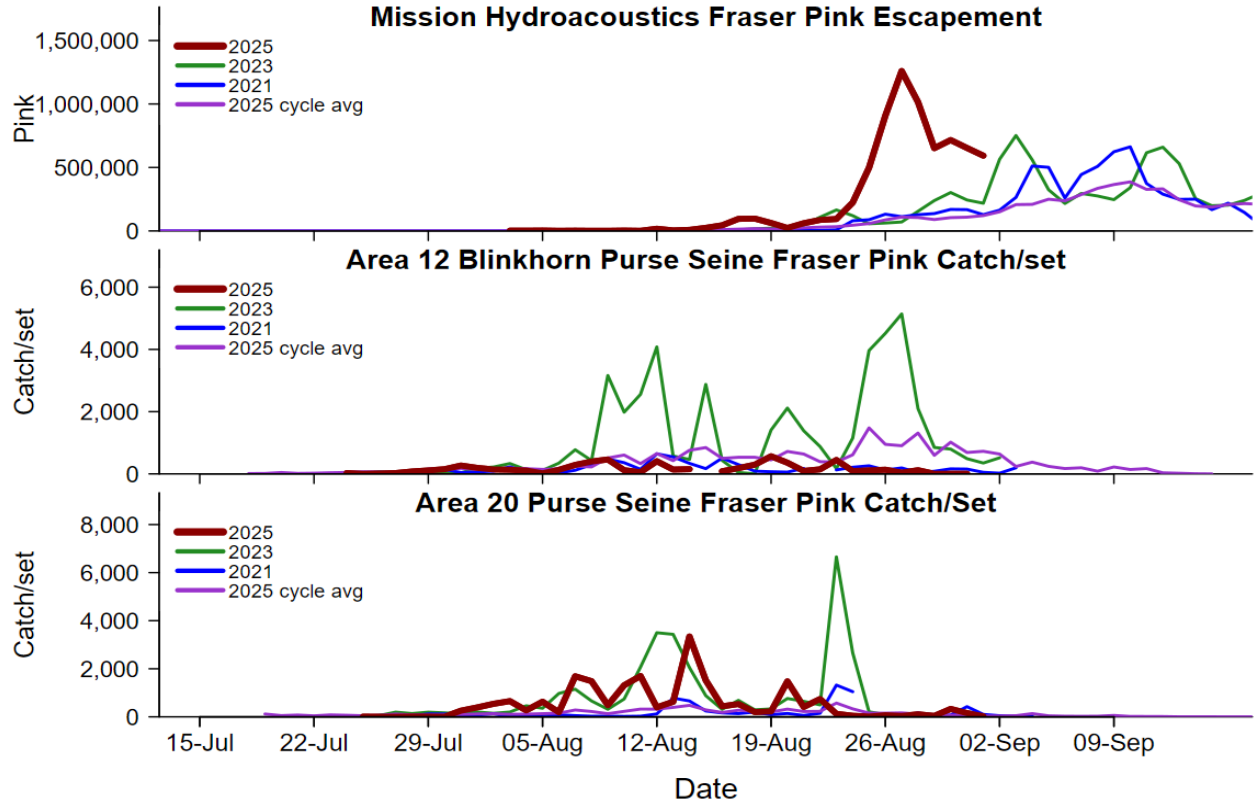
[1] Area 7 Reefnet test fishery is for observation of fish presence and species composition. No fish are retained. Vessels are operating at two observation sites.

[2] Qualark source:
RB + LB = Right-bank (RB) + Left-bank (LB)

[3] Mission source:
BB-CPUE-Avg = 3-day Average Pink CPUE at Brownsville Bar x Expansion Line
W = Whonnock CPUE x Expansion Line
CPUE-Wh-CC = Catchability Correction Model
HA = Total salmon - (Sockeye CPUE x EL) - Chinook
A1+M2+A2 = Left-bank ARIS (A1) + Mobile ARIS (M2) + Right-bank ARIS (A2)

[4] Daily Hells Gate abundance estimate; actual daily count has been expanded.

DNF = Did not fish

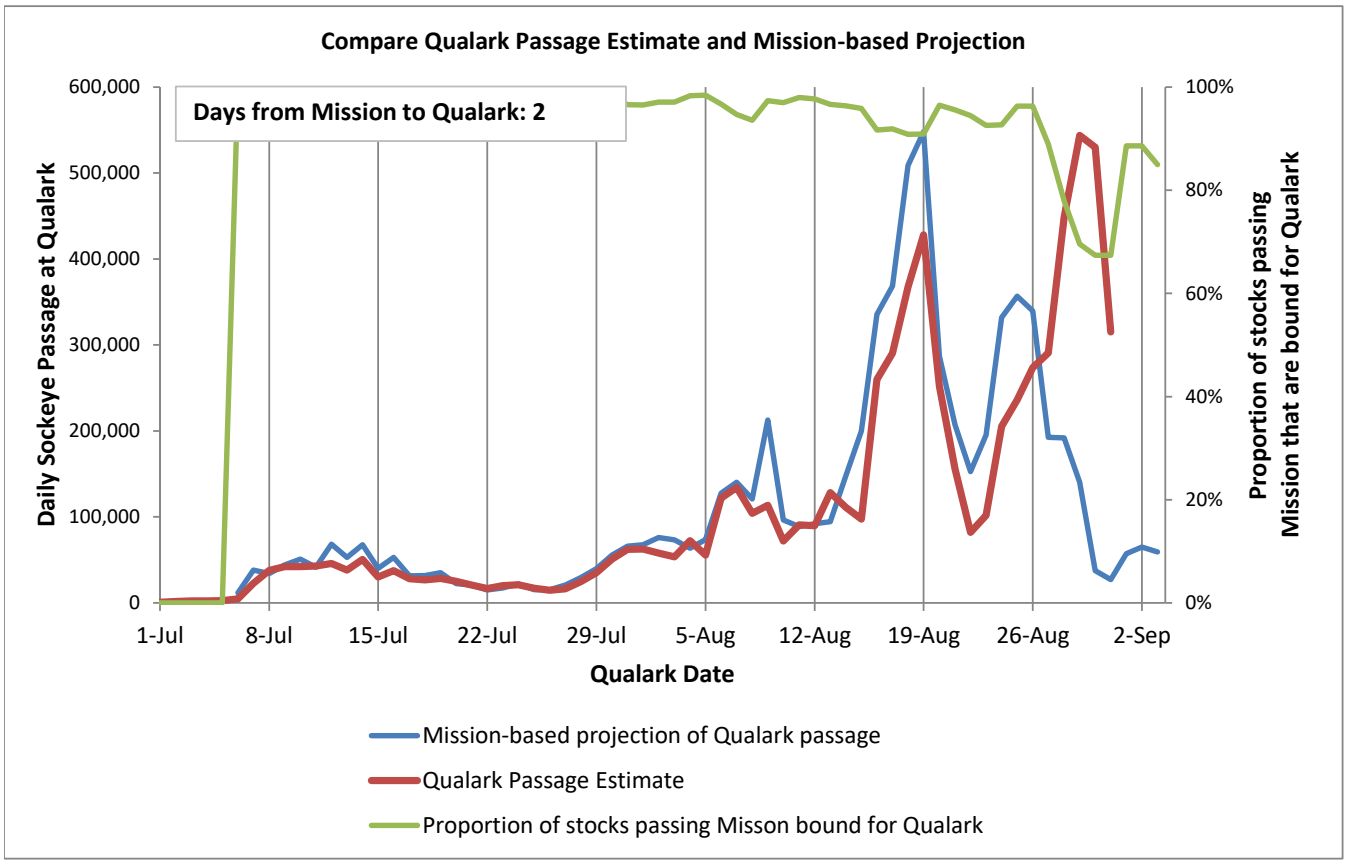


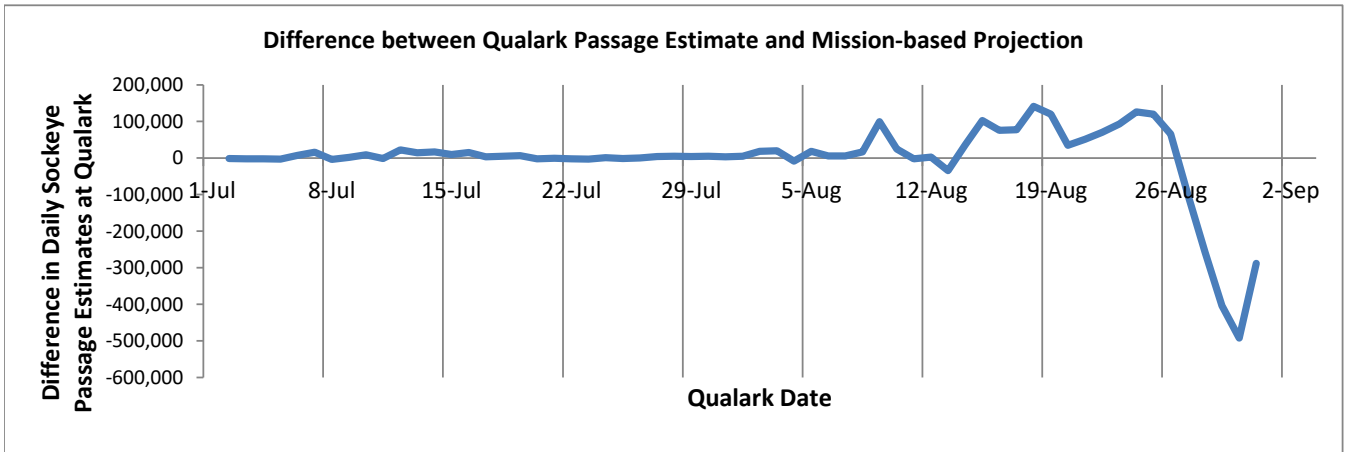
5b. Comparison of predictions from Mission to Qualark Year: **2025**

Date: 2-Sep-25

Time: 9:35 AM

	All Days	*Common Days
Mission projection	7,020,490	6,838,914
Qualark estimate	6,960,319	6,950,675
	Difference	**-111,761**
	%Difference	**(2%)**





5d. Fraser River Sockeye Salmon Stock identification Review

Recent stock composition estimates for sockeye salmon

						Fraser-only Stock Proportions by Reporting Group[4] (%)													Age (%)
						Early Stuart	Early Summer					Summer					Late				Overall Stocks
Area/Gear[1]	Fishing Sector[2]	Date	Sample Type[3]	Size (n)	%Fraser	Early Stuart	Chilliwack	Pitt Alouette Coquitlam	Nadina Bowron Gates Nahatlatch Taseko	Early Thompson	Early Summer sub-total	Harrison Widgeon	Late Stuart Stellako	Chilko Quesnel	Raft North Thompson	Summer sub-total	Birkenhead Big Silver	Late Shuswap Portage	Weaver Cultus	Late sub-total	Age-4$_2$
Johnstone Strait & Queen Charlotte Strait																					
A12 ps	tf	Aug 22	DNA	80	100%	0%					0%		16%	62%	1%	80%	4%	6%	10%	20%	100%
A12 ps	tf	Aug 25	DNA	97	98%	0%					0%		12%	55%	3%	70%	7%	8%	15%	30%	97%
A12 ps	tf	Aug27-29	DNA	111	100%	0%				0%	0%		12%	67%		79%	7%	10%	4%	21%	NA
A12 ps		Sep 2	Prediction	1	99%	0%					0%		9%	53%	3%	65%	7%	14%	14%	35%	NA
Juan de Fuca Strait & Washington & Other																					
A20 ps	tf	Aug26-27	DNA	69	99%	0%				1%	1%	2%	7%	41%	5%	56%	9%	11%	24%	43%	95%
A7 ps	c&s	Aug 27	DNA	95	100%	0%			1%	1%	2%	1%	9%	57%	7%	74%	11%	5%	8%	24%	97%
A20 ps		Sep 2	Prediction	1	100%	0%					0%	1%	9%	53%	2%	66%	7%	10%	17%	34%	NA
In-river																					
AB gn	tf	Aug28-29	DNA	35	100%	0%					0%			17%	8%	26%	66%		9%	74%	NA
AB gn	tf	Aug30-31	DNA	70	100%	0%				1%	1%		9%	72%		81%	10%	7%		17%	NA
BB gn	tf	Aug27-28	DNA	100	100%	0%			1%	1%	2%		6%	61%	7%	74%	20%	1%	3%	24%	NA
BB gn	tf	Aug29-30	DNA	100	100%	0%					0%	1%	4%	80%	1%	85%	11%	4%		15%	NA

2025 Fraser River Pink Salmon Stock identification Review

Recent stock composition estimates for pink salmon

					DNA % Estimates by Group		
Area/Gear[1]	Fishing Sector[2]	Date	Sample Type[3]	Size (n)	Fraser River	Washington	BC South Coast
Johnstone Strait							
A12 PS	TF	Aug19	DNA	97	58%	30%	12%
A12 PS	TF	Aug26	DNA	96	51%	30%	19%
A12		Sep02	Prediction	1	68%	21%	11%
Juan de Fuca Strait							
A20 PS	TF	Aug12	DNA	100	62%	31%	7%
A20 PS	TF	Aug21	DNA	96	42%	54%	4%
A20		Sep02	Prediction	1	73%	25%	3%
Washington							
A7 PS	CM	Aug18	DNA	96	86%	6%	9%
A7A PS	CM	Aug28	DNA	95	80%	13%	7%
A7		Sep02	Prediction	1	90%	7%	3%
A7A		Sep02	Prediction	1	90%	6%	4%

Notes for sockeye and pink tables:

[1] BB GN=29_13 (Brownsville), AT = Alaska Twist, AB GN=29_16 (Whonnock), MA FW=Matsqui Fish Wheel, QU GN=Qualark

[2] TF=sample from test fishery catch, CM=sample from commercial catch, C&S=ceremonial & subsistence catch, FSC=food, social, & ceremonial catch, rec= recreational catch

[3] Predictions for sockeye are multinomial extrapolations of current year data to 5 days after the last observation; Predictions for pink salmon are projections of stock compositions based on historic and current data

[4] Further information relating stock group descriptions to spawning ground locations and population definitions can be found at http://www.psc.org/FRPWeb/Escapement/PSC_Fraser_Sockeye_Stock_Group_Definitions.pdf

Results in grey text have been presented to the Panel previously

5ei. Environmental report

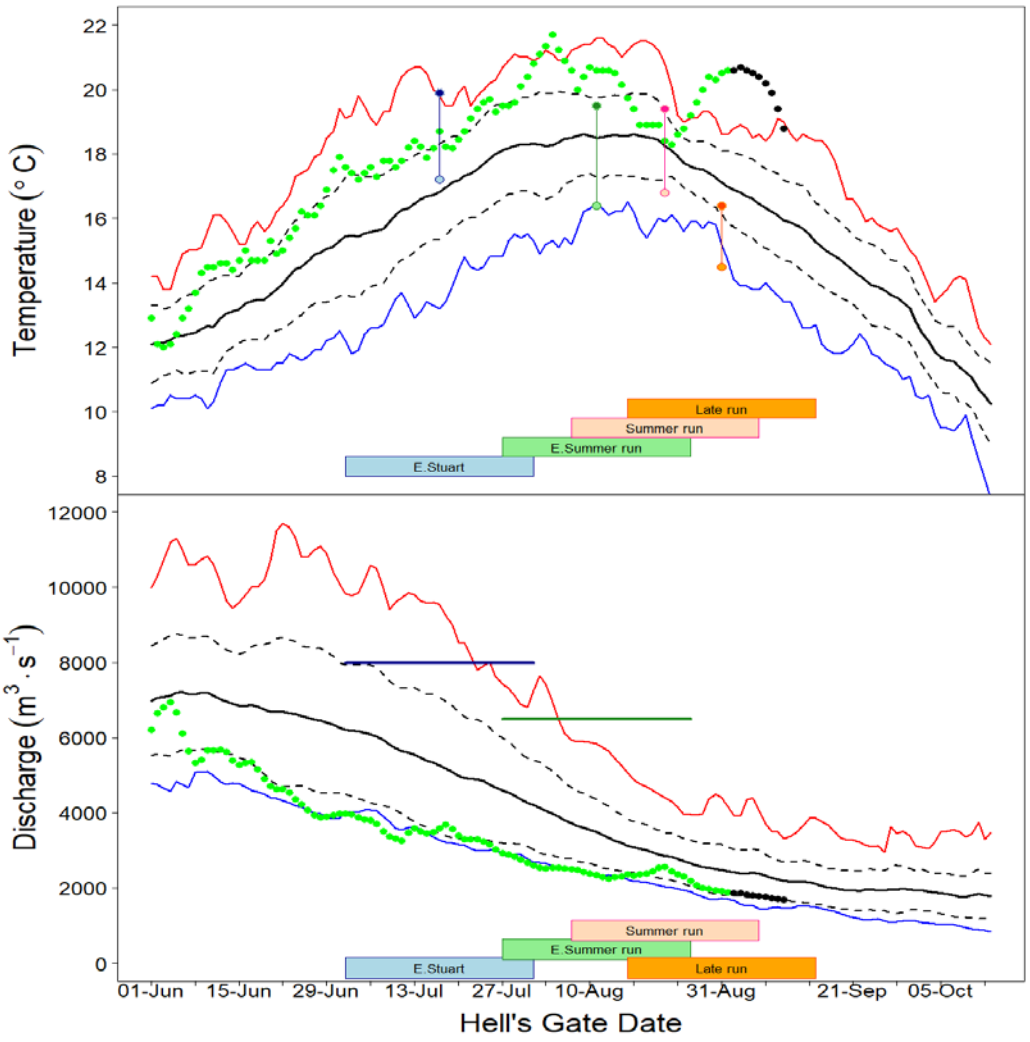
Fraser River Environmental Report for September 01, 2025

Observed Fraser River Temperature at Qualark for 01-Sep	20.6°C
Average (1991-2020) Historical Temperature on this day	17°C
Deviation from Average	3.6°C
Forecast Temperature for 07-Sep-25	20.2°C

The forecast in Kamloops and Prince George is for above average temperature for the entire forecast period

Observed Fraser River Discharge at Hope for 01-Sep	1891 $m^3 \cdot s^{-1}$
Average (1991-2020) Historical Discharge on this day	2449 $m^3 \cdot s^{-1}$
% above or below Historical Discharge	-23%
Forecast Discharge for 07-Sep-25	1759 $m^3 \cdot s^{-1}$

The forecast in 3 mm of precipitation in Kamloops and no precipitation in Prince George.



Temperature Legend

- Mean Temp (1991-2020)
- +/- sd
- Min Temp (1991-2020)
- Max Temp (1991-2020)
- Current Temp
- Forecast Temp
- Opt. T of stock group*
- Upper T range of stock group**

Discharge Legend

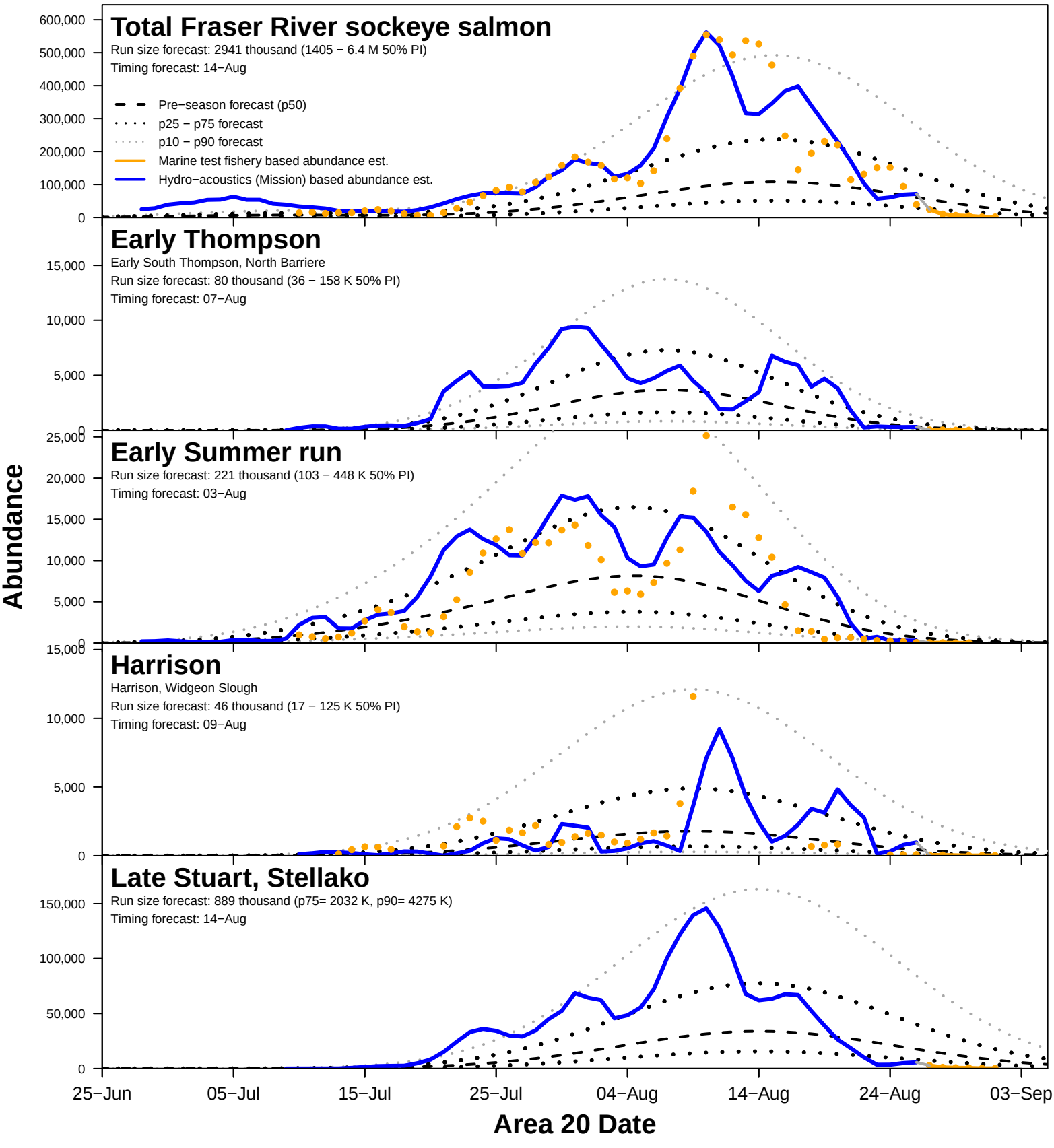
- Mean Dis (1991-2020)
- +/- sd
- Min Dis (1991-2020)
- Max Dis (1991-2020)
- Current Dis
- Forecast Dis
- E.Stuart Threshold ($m^3 \cdot s^{-1}$)[i]
- E.Summer Threshold ($m^3 \cdot s^{-1}$)[ii]

Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run.'pMA is the proportional increase to spawning escapement targets to help ensure targets are achieved."%DBE is %difference betweeen estimates of potential spawning escapement and spawning escapement.*This is the optimum temp for aerobic swimming - T_{opt} (Eliason et al. (2011). Science 332: 109-112)**This is the upper range of the optimum temp for aerobic swimming - T_{pejus}. [i]Discharge threshold of 8000cms for Early Stuart from Macdonald (2000). Can. Tech. Rep. Fish. Aquat. Sci. 2315: 120p. [ii]Discharge threshold of 6500cms for Early Summer run from Macdonald et al. (2010). Trans. Am. Fish. Soc. 139: 768-782. 19 days of T & Q data are required to calculate a pMA - 15 days before the Hell's Gate Date and 3 days after. MA estimates can be calculated 4 days after the Area 20 date.

5eiii. Current temperatures in areas of the Fraser Watershed

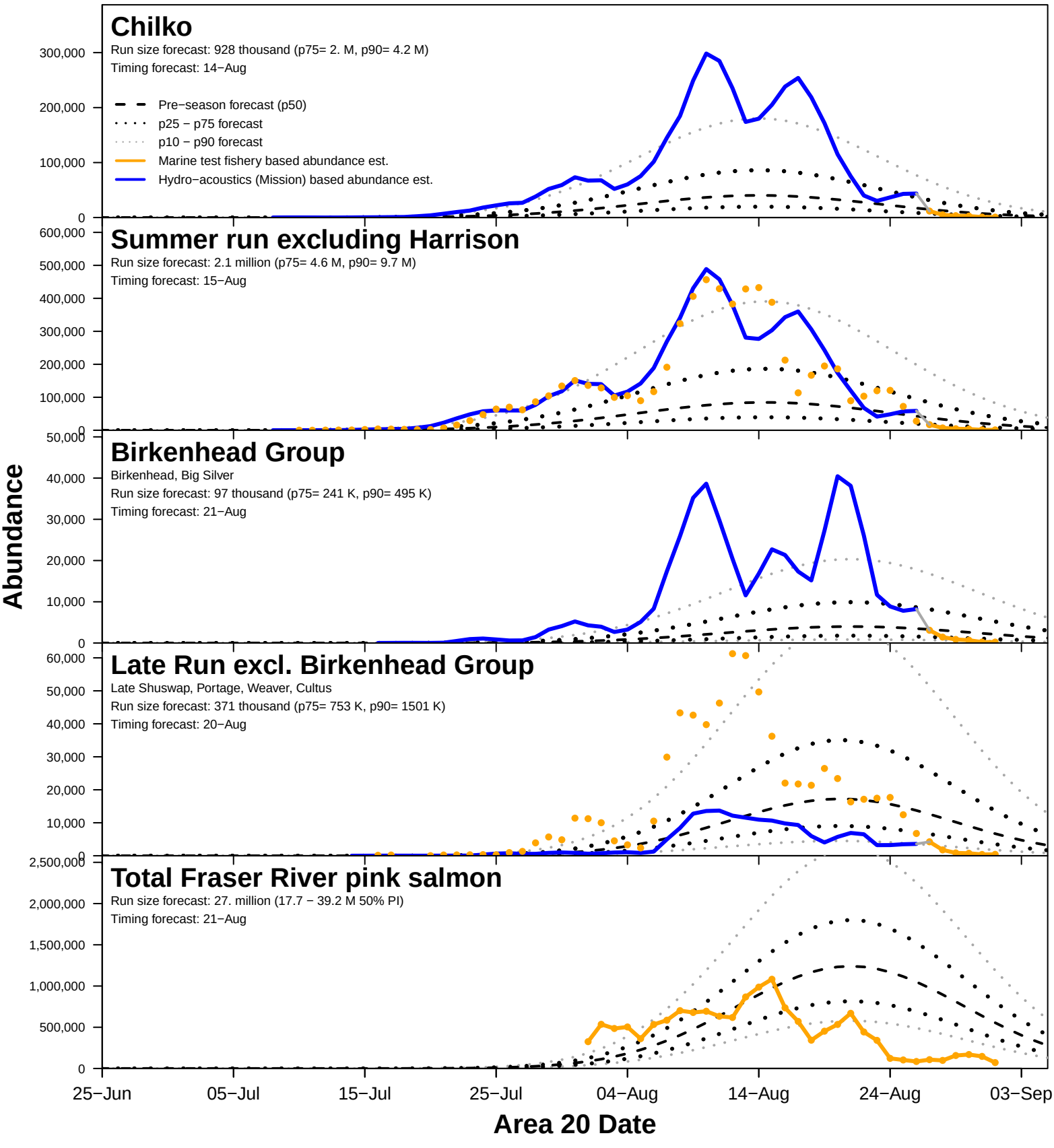
Map #	Current Temperatures 31-Aug	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
	Fraser River Mainstem				
1	Fraser River @ Qualark	**20.5**	**17.1**	**3.4**	**1991-2020**
2	Fraser River @ Texas Creek	**na**	**16.4**	**na**	**2006-2024**
3	Fraser River @ Marguerite	**19.4**	**16.3**	**3.1**	**2015-2024**
4	Upper Fraser @ Shelley	**na**	**13.3**	**na**	**1994-2024**
	Fraser River Tributaries				
5	Thompson R. @ Ashcroft	**20.3**	**17.9**	**2.4**	**1995-2024**
6	South Thompson @ Chase	**22.2**	**19.0**	**3.2**	**1994-2024**
7	North Thompson @ McLure	**18.2**	**14.6**	**3.6**	**2006-2023**
8	Quesnel R. @ Quesnel	**18.8**	**16.4**	**2.4**	**2000-2024**
9	Nechako R. @ Isle Pierre	**21.0**	**16.4**	**4.6**	**2006-2024**
10	Stuart R. @ Ft. St. James	**20.8**	**16.3**	**4.5**	**2000-2024**

6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−09−02, Time: 10:18 DB

6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−09−02, Time: 10:18 DB

6b. 2025 Fraser River sockeye abundance en-route to Mission

Current date: 02-Sep

Area 20 date / Mission date	Escapement past Mission through 01-Sep	Projected abundance en route to Mission based on marine test fishery data[1,2]								Escapement + projections through 07-Sep
		27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	01-Sep	Total	80% PI[3]	
		02-Sep	03-Sep	04-Sep	05-Sep	06-Sep	07-Sep		10p	90p	
Total Fraser	**7,693,500**	**13,400**	**6,400**	**10,800**	**1,700**	**2,300**	**1,100**	**35,700**	**21,700**	**51,500**	**7,729,200**
Early Stuart	**731,900**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**731,900**
Early Summer Run	**375,200**	**100**	**0**	**0**	**0**	**0**	**0**	**100**	**0**	**200**	**375,300**
Chilliwack	4,300	0	0	0	0	0	0	0	0	0	4,300
Pitt/Alouette/Coquitlam	16,600	0	0	0	0	0	0	0	0	0	16,600
Nadina group[4]	205,800	0	0	0	0	0	0	0	0	0	205,800
Early Thompson[5]	148,500	100	0	0	0	0	0	100	0	200	148,600
Summer Run	**6,037,500**	**8,400**	**4,600**	**7,900**	**1,200**	**1,500**	**700**	**24,300**	**14,800**	**35,000**	**6,061,800**
Harrison / Widgeon[2]	72,400	100	0	0	0	0	0	100	100	100	72,500
Late Stuart / Stellako	1,765,800	1,300	700	1,200	200	200	100	3,700	2,300	5,300	1,769,500
Chilko	3,567,800	5,500	3,300	5,800	800	1,000	500	16,900	10,300	24,300	3,584,700
Quesnel	440,600	1,100	600	900	200	200	100	3,100	1,900	4,500	443,700
Raft / North Thompson	190,900	400	0	0	0	100	0	500	300	700	191,400
Late Run	**548,900**	**4,900**	**1,800**	**2,900**	**500**	**800**	**400**	**11,300**	**6,900**	**16,300**	**560,200**
Birkenhead / Big Silver	434,600	1,900	900	1,500	200	300	100	4,900	3,000	7,100	439,500
Late Shuswap / Portage[2]	87,200	1,200	600	1,000	200	200	100	3,300	2,000	4,800	90,500
Weaver / Cultus[2]	27,100	1,800	300	400	100	300	200	3,100	1,900	4,500	30,200

[1] En route catches are incomplete: catches from present and future fisheries must be deducted from projections and added to the catches removed

[2] Projected abundances en route to Mission include Harrison and Late runs, an uncertain number of which are expected to delay

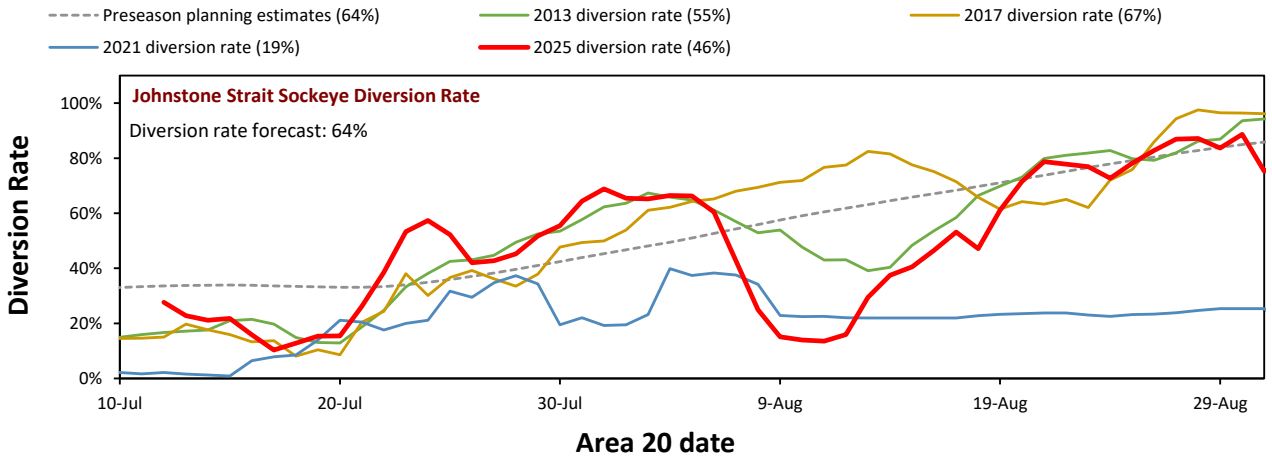
[3] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

[4] Nadina / Bowron / Gates / Nahatlatch / Taseko

[5] Early South Thompson / North Barriere

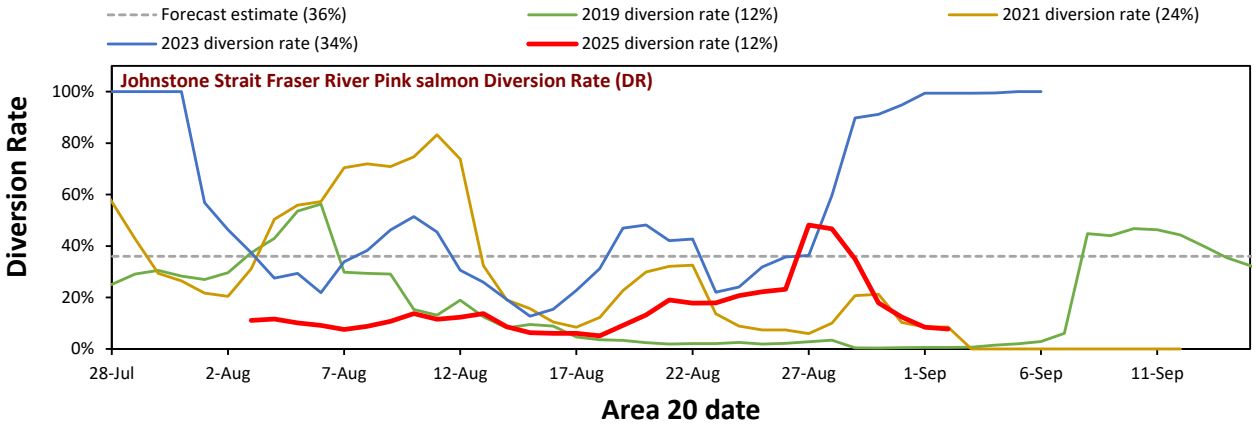
6c. 2025 Fraser River sockeye diversion rates through Johnstone Strait

	5-day-average
Diversion rate	**78%**



2025 Fraser River Pink salmon diversion rates through Johnstone Strait

	5-day-average
Fraser pink salmon	**8%**



6e Fraser River run size and timing estimates

The information presented on this page has been prepared by PSC Secretariat Staff. All in-season estimates of run size and timing should be considered draft preliminary estimates unless adopted by the Fraser River Panel.

Preseason forecasts, inseason estimates, and official estimates of run size and associated timing

	Run Size						Run Size Components				Run Timing[1]					
	Inseason Adopted	Preseason Forecast	Inseason estimate		Inseason 80% PIs[2] 10% PI	Inseason 80% PIs[2] 90% PI	Method	Catch + Escapement	6-day Projection[3]	Seaward Abundance	Migration Delay	Inseason Adopted	Preseason Forecast	Inseason estimate	Inseason 80% PIs[2] 10% PI	Inseason 80% PIs[2] 90% PI	Method
Total Fraser sockeye	**9,275,000**	**2,941,000**	●	**9,249,000**	***8,959,000***	***9,621,000***	**Sum**	**8,593,000**	**122,000**	**30,000**	**504,000**		**14-Aug**	**11-Aug**	***10-Aug***	***11-Aug***	**Recon**
Early Stuart Run	**725,000**	**116,000**	✓	**736,000**	***736,000***	***736,000***	**Recon**	**736,000**	**0**	**0**	**0**	**06-Jul**	**08-Jul**	**06-Jul**	***06-Jul***	***06-Jul***	**Recon**
Early Summer Run	**400,000**	**221,000**	✓	**410,000**	***410,000***	***410,000***	**Recon**	**410,000**	**0**	**0**	**0**	**01-Aug**	**03-Aug**	**01-Aug**	***01-Aug***	***01-Aug***	**Recon**
Chilliwack		15,000	✓	4,000	4,000	4,000	Recon	4,000	0	0	0		18-Jul	21-Jul	21-Jul	21-Jul	Recon
Nadina Group[4]		80,000	✓	220,000	*220,000*	*220,000*	Recon	220,000	0	0	0		31-Jul	01-Aug	*01-Aug*	*01-Aug*	Recon
Pitt/Alouette/Coquitlam		46,000	✓	18,000	*18,000*	*18,000*	Recon	18,000	0	0	0		04-Aug	31-Jul	*31-Jul*	*31-Jul*	Recon
Early Thompson[5]		80,000	✓	168,000	*168,000*	*168,000*	Recon	168,000	0	0	0		07-Aug	02-Aug	*02-Aug*	*02-Aug*	Recon
Summer Run	**7,000,000**	**2,136,000**	✓	**6,910,000**	***6,837,000***	***7,024,000***	**Sum**	**6,788,000**	**96,000**	**22,000**	**4,000**	**11-Aug**	**15-Aug**	**11-Aug**	***11-Aug***	***11-Aug***	**Recon(2)**
Harrison / Widgeon		46,000	✓	82,000	*78,000*	*84,000*	Recon	78,000	0	0	4,000		09-Aug	10-Aug	*09-Aug*	*10-Aug*	Recon
Late Stuart / Stellako		889,000	✓	2,014,000	*2,007,000*	*2,026,000*	Recon(2)	2,001,000	11,000	1,000	0		14-Aug	09-Aug	*09-Aug*	*09-Aug*	Recon(2)
Chilko		928,000	✓	4,066,000	*4,028,000*	*4,134,000*	Recon(2)	4,000,000	56,000	10,000	0		14-Aug	12-Aug	*12-Aug*	*12-Aug*	Recon(2)
Quesnel		260,000	●	531,000	*513,000*	*549,000*	Recon(2)	501,000	23,000	7,000	0		18-Aug	13-Aug	*13-Aug*	*13-Aug*	Recon(2)
Raft / North Thompson		14,000	✓	217,000	*211,000*	*231,000*	Recon(2)	208,000	6,000	3,000	0		23-Aug	13-Aug	*13-Aug*	*14-Aug*	Recon(2)
Late Run	**1,150,000**	**468,000**	▲	**1,193,000**	***976,000***	***1,451,000***	**Sum**	**659,000**	**26,000**	**8,000**	**500,000**	**14-Aug**	**20-Aug**	**14-Aug**	***14-Aug***	***14-Aug***	**Weight**
Birkenhead Group		97,000	✓	502,000	*492,000*	*518,000*	Recon(2)	487,000	11,000	4,000	0		21-Aug	15-Aug	*15-Aug*	*15-Aug*	Recon(2)
L.Shuswap / Weaver Gr.		371,000	◇	691,000	*484,000*	*933,000*	Recon(2)	172,000	15,000	4,000	500,000		20-Aug	13-Aug	*12-Aug*	*14-Aug*	Model
Fraser Pink salmon	**12,500,000**	**26,965,000**	◇	**12,240,000**	**6,993,000**	**20,440,000**	**Model**	**8,067,000**	**404,000**	**108,000**	**3,661,000**	**13-Aug**	**21-Aug**	**13-Aug**	**10-Aug**	**15-Aug**	**Model**

[1] Run timing refers to the date when 50% of the run migrated past the Area 20 reference point.

[2] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

[3] Normally based on test fishery data. Based on Model if Method = Recon(2).

[4] Nadina / Bowron / Gates / Nahatlatch / Taseko.

[5] Early South Thompson / North Barriere.

Methods for run size & timing estimation

Model	Run size assessment model (median)
Recon	Catch + escapement + 6-day test fish projection + model seaward projection
Recon(2)	Catch + escapement + model projections
Sum	Sum of individual groups
Weight	Weighted average of individual groups

Run Size Uncertainty Legend†

✓ ≥ 95% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 5%. Clear indication of run size; minor run size updates still expected

● ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak fo the run has been observed at Mission, uncertainty relates to 6 day projection and seaward abundance

▲ ≥ 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 35%. Decent indciation of run size.

◇ < 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size can be as high as 80%. Uncertain or early indciation of run size based on marine data

† The **Run Size Uncertainty Indicator** is a categorical indication of the degree of uncertainty present in the run size estimate. Estimates are categorized quantitatively based on the proportion of the run that has been accounted for with high certainty in catch + escapement.

Run size forecasts by management group

Management Group	p10	p25	p50	p75	p90
Early Stuart Run	42,000	72,000	116,000	202,000	319,000
Early Summer Run	55,000	103,000	221,000	448,000	820,000
Summer Run	522,000	991,000	2,136,000	4,749,000	10,003,000
Late Run	118,000	238,000	468,000	994,000	1,996,000
Pink Salmon Run	12,585,000	17,738,000	26,965,000	39,168,000	57,854,000

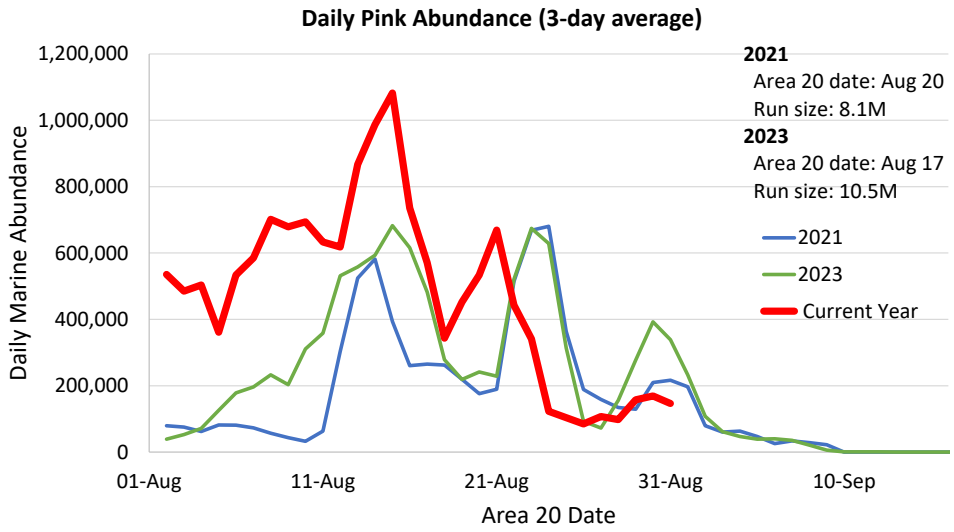
Pink Salmon Run Size Weight of Evidence

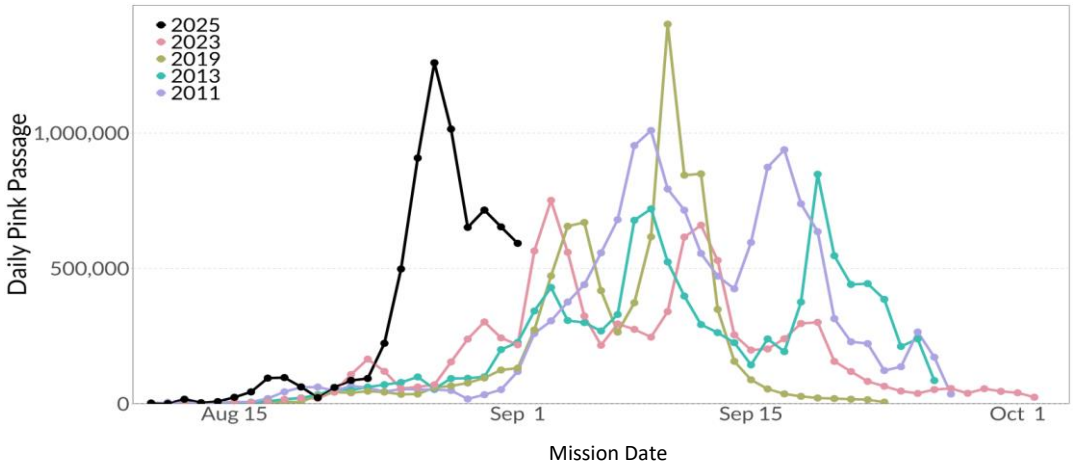
Default Run Size Method: Time Density Model 02-09-2025

<10M	10-15M	15-20M	>20M
	■ □ □		■

■ Default run size estimate = Time Density Model
□ Pre-season alternative run size estimate
□ In-season alternative run size estimate

Models		Description	Category	In-season model?
PreSeason Forecast	■	Power (fry)	>20M	no
Time Density Model	■	Bayesian fit to CPUE*EL data	10-15M	yes
SST Regression	□	June SST (ocean entry yr) at Pine Island	10-15M	no
Marine Reconstructed	□	Reconstructed abundance since Aug 1 to date (CPUE * EL)	10-15M	yes





Year	Fraser Pink Run Size
2023	10,513,000
2019	8,858,000
2013	15,898,000
2011	20,645,000

6h. Fishery Catch Evaluation

	Number of Days	Fraser Pink Catch			Total Fraser Sockeye Impacts			Catch by Management Group			
		Total Catch	Prediction Intervals 10%	Prediction Intervals 90%	Total Impacts	Prediction Intervals 10%	Prediction Intervals 90%	Early Stuart	Early Summer	Summer	Late
Fisheries In-progress											
Potential Additional Fisheries											
Area 4B, 5, 6C - Treaty Tribes - Gillnet	4	24	17	49	6	4	11	0	0	4	2
Area 6, 7, 7A - Treaty Tribes - Purse Seine	3	53,235	26,491	93,162	1,187	700	7,289	0	8	863	317
Area 6, 7, 7A - Treaty Tribes - Gillnet	3	1,183	589	2,070	53	31	324	0	0	38	14
Area 6, 7, 7A - All Citizen - Purse Seine	2	106,541	53,017	186,446	631	258	4,164	0	4	462	165
Area 6, 7, 7A - All Citizen - Gillnet	2	820	408	1,434	23	10	154	0	0	17	6
Area 7 - All Citizen - Reefnet	2	633	87	489	1	0	2	0	0	0	0
Total (excluding fisheries in-progress)[2]		**162,436**	**80,609**	**283,650**	**1,901**	**1,003**	**11,944**	**0**	**12**	**1,384**	**504**

1 The total prediction intervals in this table are calculated by adding together the prediction intervals from each fishery's catch estimate. However, this total should be interpreted very cautiously — adding prediction intervals in this way does not provide a statistically reliable measure of uncertainty.

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 4B/5/6C - Treaty Tribes - Gillnet

Dates: Wednesday September 3 to Saturday September 6

Effort: 3

Daily Catch Estimate

A total of 6 Fraser Sockeye are expected to be retained with an 80% prediction interval of 4 - 11. A total of 24 Pinks are expected to be retained during this fishery with an 80% prediction interval of 17 - 49.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	9	3	0	0	2	1
Sep 04	7	2	0	0	1	1
Sep 05	5	1	0	0	1	0
Sep 06	4	1	0	0	0	0
Total	**24**	**6**	**0**	**0**	**4**	**2**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	25,458	736	2.8%	0%	1%	69%	31%
Sep 04	19,265	494	2.5%	0%	1%	67%	33%
Sep 05	14,397	329	2.2%	0%	1%	64%	35%
Sep 06	10,625	216	2.0%	0%	1%	62%	38%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 2 and the average harvest rate per unit effort was 0.08%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 08	554	0.32%	2	0.16%
Aug 09	154	0.07%	2	0.04%
Aug 10	542	0.2%	2	0.1%
Aug 11	118	0.04%	2	0.02%
Aug 12	33	0.01%	-	0%
Aug 15	228	0.13%	-	0%
Total	**1,629**	**0.12%**	**2**	**0.06%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 2 and the average harvest rate per unit effort was 0.05%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 08	688	0.16%	2	0.08%
Aug 09	369	0.08%	2	0.04%
Aug 10	90	0.02%	2	0.01%
Aug 11	548	0.12%	2	0.06%
Aug 13	261	0.06%	-	0%
Aug 15	493	0.11%	-	0%
Total	**2,448**	**0.09%**	**2**	**0.04%**

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 6/7/7A - Treaty Tribes - Purse Seine

Dates: Wednesday September 3 to Friday September 5

Effort: 9

Daily Catch Estimate

A total of 1,187 Fraser Sockeye are expected to be retained with an 80% prediction interval of 700 - 7,289. A total of 53,235 Pinks are expected to be retained during this fishery with an 80% prediction interval of 26,491 - 93,162.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	19,024	491	0	3	363	125
Sep 04	17,856	383	0	2	277	103
Sep 05	16,356	313	0	2	223	88
Total	**53,235**	**1,187**	**0**	**8**	**863**	**317**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	301,962	8,024	2.6%	0%	0.7%	74%	25%
Sep 04	283,426	6,226	2.1%	0%	0.6%	72%	27%
Sep 05	259,619	5,351	2.0%	0%	0.6%	71%	28%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 7 and the average harvest rate per unit effort was 0.79%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	20,738	4.59%	7	0.66%
Aug 11	29,731	4.96%	7	0.71%
Aug 12	6,135	0.82%	1	0.82%
Aug 17	35,940	5.23%	9	0.58%
Aug 18	59,153	10.32%	8	1.29%
Aug 19	26,477	5.46%	8	0.68%
Total	**178,174**	**5.02%**	**7**	**0.75%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 7 and the average harvest rate per unit effort was 0.43%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	42,609	1.69%	7	0.24%
Aug 11	37,466	1.41%	7	0.2%
Aug 12	9,778	0.36%	1	0.36%
Aug 17	88,753	3.23%	9	0.36%
Aug 18	213,409	7.82%	8	0.98%
Aug 19	106,444	4.01%	8	0.5%
Aug 20	20,228	0.8%	-	0%
Aug 27	34,888	3.44%	10	0.34%
Total	**553,574**	**2.83%**	**7**	**0.4%**

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 6/7/7A - Treaty Tribes - Gillnet

Dates: Wednesday September 3 to Friday September 5

Effort: 10

Daily Catch Estimate

A total of 53 Fraser Sockeye are expected to be retained with an 80% prediction interval of 31 - 324. A total of 1,183 Pinks are expected to be retained during this fishery with an 80% prediction interval of 589 - 2,070.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	423	22	0	0	16	6
Sep 04	397	17	0	0	12	5
Sep 05	363	14	0	0	10	4
Total	**1,183**	**53**	**0**	**0**	**38**	**14**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	301,962	8,024	2.6%	0%	0.7%	74%	25%
Sep 04	283,426	6,226	2.1%	0%	0.6%	72%	27%
Sep 05	259,619	5,351	2.0%	0%	0.6%	71%	28%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 56 and the average harvest rate per unit effort was 0.02%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	10,954	2.42%	73	0.03%
Aug 11	2,475	0.41%	28	0.01%
Aug 12	459	0.06%	-	0%
Aug 17	10,527	1.53%	70	0.02%
Aug 18	10,011	1.75%	66	0.03%
Aug 19	5,870	1.21%	44	0.03%
Total	**40,295**	**1.14%**	**56.2**	**0.02%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 56 and the average harvest rate per unit effort was 0.002%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	1,990	0.08%	73	0.001%
Aug 11	690	0.03%	28	0.001%
Aug 17	3,555	0.13%	70	0.002%
Aug 18	6,760	0.25%	66	0.004%
Aug 19	3,111	0.12%	44	0.003%
Total	**16,105**	**0.12%**	**56**	**0.002%**

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 6/7/7A - All Citizen - Purse Seine

Dates: Wednesday September 3 to Thursday September 4

Effort: 26

Daily Catch Estimate

A total of 631 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 258 - 4,164. A total of 106,541 Pinks are expected to be retained during this fishery with an 80% prediction interval of 53,017 - 186,446.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	54,957	355	0	2	262	90
Sep 04	51,583	276	0	2	200	75
Total	**106,541**	**631**	**0**	**4**	**462**	**165**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	301,962	8,024	2.6%	0%	0.7%	74%	25%
Sep 04	283,426	6,226	2.1%	0%	0.6%	72%	27%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 16 and the average harvest rate per unit effort was 0.22%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	17,672	2.35%	9	0.26%
Aug 15	11,243	1.31%	12	0.11%
Aug 19	35,884	7.4%	26	0.28%
Total	**64,799**	**3.09%**	**16**	**0.2%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 16 and the average harvest rate per unit effort was 0.15%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	16,180	0.6%	9	0.07%
Aug 15	37,296	1.34%	12	0.11%
Aug 19	176,855	6.66%	26	0.26%
Aug 28	120,307	14.16%	-	0%
Total	**350,638**	**3.9%**	**16**	**0.24%**

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 6/7/7A - All Citizen - Gillnet

Dates: Wednesday September 3 to Thursday September 4

Effort: 10

Daily Catch Estimate

A total of 23 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 10 - 154. A total of 820 Pinks are expected to be retained during this fishery with an 80% prediction interval of 408 - 1,434.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	423	13	0	0	10	4
Sep 04	397	10	0	0	7	3
Total	**820**	**23**	**0**	**0**	**17**	**6**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	301,962	8,024	2.6%	0%	0.7%	74%	25%
Sep 04	283,426	6,226	2.1%	0%	0.6%	72%	27%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 20 and the average harvest rate per unit effort was 0.02%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	2,397	0.32%	20	0.02%
Aug 15	1,023	0.12%	12	0.01%
Aug 19	3,304	0.68%	29	0.02%
Total	**6,724**	**0.32%**	**20**	**0.02%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 20 and the average harvest rate per unit effort was 0.002%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	757	0.03%	20	0.001%
Aug 15	933	0.03%	12	0.002%
Aug 19	2,843	0.11%	29	0.004%
Aug 28	50	0.01%	-	0%
Total	**4,582**	**0.05%**	**20**	**0.002%**

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

Fishery: Area 7 - All Citizen - Reefnet

Dates: Wednesday September 3 to Thursday September 4

Effort: 10

Daily Catch Estimate

A total of 1 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 0 - 3. A total of 633 Pinks are expected to be retained during this fishery with an 80% prediction interval of 87 - 4,859.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	350	0	0	0	0	0
Sep 04	284	0	0	0	0	0
Total	**633**	**1**	**0**	**0**	**0**	**0**

Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

Date	Fraser Pinks	Fraser Sockeye	Percent Sockeye	Early Stuart	Early Summer	Summer	Late
Sep 03	48,311	6,443	12%	0%	1%	75%	25%
Sep 04	48,490	5,416	10%	0%	1%	73%	26%

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilties are available on the FRP SharePoint site.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 7 and the average harvest rate per unit effort was 0.06%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 11	1,497	0.27%	8	0.03%
Aug 12	2,247	0.35%	8	0.04%
Aug 15	350	0.05%	1	0.05%
Aug 19	3,558	1.05%	10	0.11%
Total	**7,652**	**0.35%**	**7**	**0.05%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 7 and the average harvest rate per unit effort was 0.11%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 11	1,609	0.35%	8	0.04%
Aug 12	2,289	0.5%	8	0.06%
Aug 15	948	0.2%	1	0.2%
Aug 19	6,489	1.49%	10	0.15%
Aug 28	3,554	2.8%	-	0%
Total	**14,889**	**0.77%**	**7**	**0.11%**

7a Recommendations on Run Size, Timing, and MA

The following table presents the run size recommendations from PSC staff. These numbers may deviate from the model derived run size estimates as additional consideration is given to the potential strength of the tail of the run based on past observations. The Panel may either accept or reject the run size recommendations or propose alternative estimates. The run size estimates presented here may not reflect the final estimates adopted by the Fraser River Panel. The recommended timing estimates are dependent on the recommended run size estimates.

Management Group	PSC Staff Recommendation	Run Size		Timing	
		Currently Adopted	PSC staff recommendation	Currently Adopted	PSC Staff recommendation
Early Stuart Run	No recommendation	725,000	NA	06-Jul	NA
Early Summer Run	No recommendation	400,000	NA	01-Aug	NA
Summer Run	No recommendation	7,000,000	NA	11-Aug	NA
Late Run	No recommendation	1,150,000	NA	14-Aug	NA
Pink Salmon Run	No recommendation	12,500,000	NA	13-Aug	NA

PSC staff recommend pDBE estimates (not MA estimates) for consideration by the Panel. The Panel may either accept or reject the MA estimates implied by the pDBE recommendations or propose alternative estimates, by incorporating additional information, e.g., natural, environmental or stock assessment factors, that are not accounted for in the current quantitative approach. The Management Adjustment estimates presented here may not reflect the final estimates adopted by the Fraser River Panel.

Management Group	PSC Staff Recommendation	pDBE and implied pMA estimate			
		Currently Adopted		PSC recommendation	Implied pMA
		pDBE	pMA	pDBE	pMA
Early Stuart Run	No recommendation	-0.65	1.86	NA	NA
Early Summer Run	No recommendation	-0.35	0.54	NA	NA
Summer Run	No recommendation	-0.35	0.54	NA	NA
Late Run	No recommendation	-0.51	1.04	NA	NA

File: 71007

DRAFT AGENDA
PSC Fraser River Panel Meeting
Via Zoom Webinar: https://psc-org.zoom.us/j/85284137826

FRP meeting: Friday, September 5, 2025 at 11 am

	1)	Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org)	5 min	
	2)	Webinar Etiquette: mute phone & chat feature	2 min	
☑	3)	Agenda	5 min	
	4)	**Overview of run and catch status**	5 min	PSC staff
☑		a) Accounted run to date relative to forecast and adopted run sizes		
☑		b) Catch-to-date by fishery		
☑		c) Release mortalities		
☑		d) TAC table		
	5)	**Biological information**	20 min	PSC staff
☑		a) Test fishing catches and acoustics summary		
☑		b) Comparison of predictions from Mission to Qualark		
☐		c) Species composition review		
☑		d) Stock Identification review		
		e) Management Adjustment (MA) considerations		
☑		i) Environmental report		
☐		ii) pDBE forecast and sensitivity analysis		
☑		iii) Current temperatures in areas of the Fraser Watershed		
☑		iv) TNG Taskforce Update		
☑		v) Report on fish condition		DFO
☑		vi) Spawning ground reports		DFO
	6)	**Assessment information**		PSC staff
☑		a) Daily migration graphs		
☑		b) Predicted abundance en route to Mission		
☑		c) Diversion rate		
☐		d) Technical assessment information		
☑		e) Run size and timing estimates		
☐		f) Predicted allowable harvest based on run size and DBE scenarios		
☐		g) Criteria for fishing decisions table		
	7)	**Recommendations on run size, migration timing and MA**		
☑		a) PSC recommendations		PSC staff
		b) Canadian and/or U.S. recommendations		Panel
		c) Panel decision		
		d) Updated TAC table		
	8)	**Fisheries recommendations**		
		a) Canadian and U.S. proposals		Panel
☑		b) Staff catch evaluation based on proposed fisheries		PSC staff
		c) Canadian and U.S. evaluation		Panel
		d) Panel decision		
☐	9)	Assessments from other areas	5 min	PSC staff
☑	10)	Other business: Weekly Report,	5 min	Panel
☑	11)	Next FRP meeting and agenda	2 min	PSC staff/Panel
	12)	Next TC meeting:		PSC staff
☑	13)	Data acknowledgements		

Legend: ☑ Content included in the distribution
☐ Not included in the distribution due to not relevant for this meeting or no (new) information

Data Acknowledgements

1. Fisheries & Oceans Canada (DFO)
    - Environmental Watch Program
    - DFO South Coast Test Fisheries & Namgis/A-Tlegay Fisheries Partnership
    - DFO Fraser Interior Area Stock Assessment Division
    - DFO Resource Management, Fraser and Interior Area
2. Tŝilhqot'in National Government (TNG) Task Force (comprised of BC, DFO and TNG's indigenous technical partner, the Upper Fraser Fisheries Conservation Alliance (UFFCA))
3. A-Tlegay Fisheries
4. Da'naxda'xw First Nation
5. Northwest Indian Fisheries Commission
6. Washington Department of Fish & Wildlife
7. Leey'qsun First Nation