File: 71007

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

FRP meeting: Tuesday, August 26, 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: Purse seine end dates	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

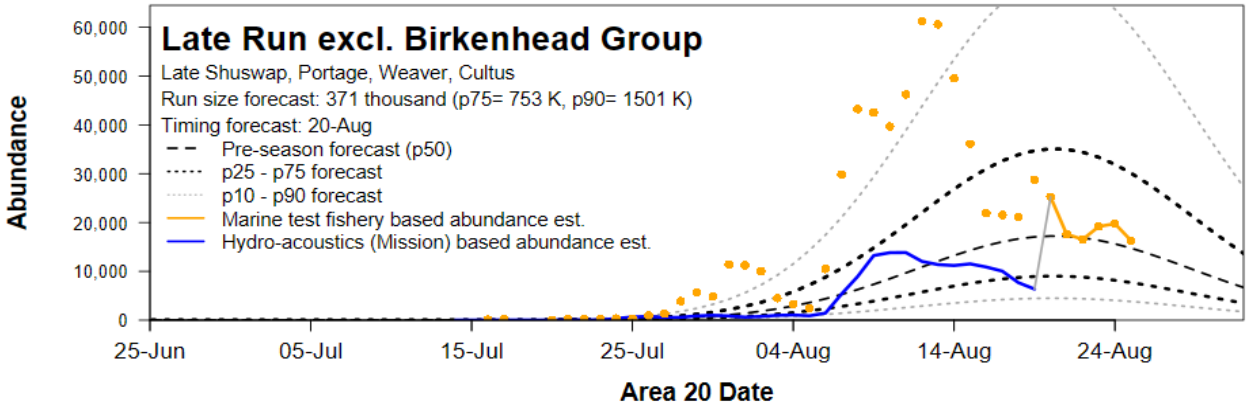
2025 Run status of Fraser sockeye and pink salmon

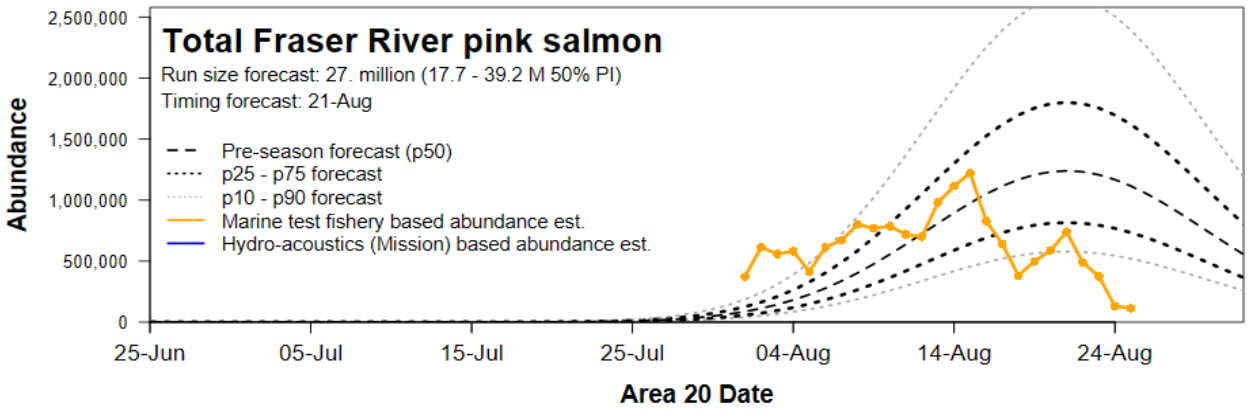
Date: Aug. 26, 2025

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. 24 - Aug. 30, 2025	Sockeye					Pink
	Management Group				Total	Total
	E.Stuart	E.Summer	Summer	Late	Fraser	Fraser
Mission passage (incldes Pitt, Alouette, Coquitlam)	731,900	360,700	5,485,000	363,300	6,940,900	1,356,800
Catch downstream of Mission	3,900	31,700	702,300	108,500	846,400	815,300
Accounted Run To Date	735,800	392,400	6,187,300	471,800	7,787,300	2,172,100
Run size adopted in-season [1]	**725,000**	**400,000**	**6,900,000**	**1,050,000**	**9,075,000**	**na**
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**	**15-Aug**	**na**	**na**
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	**77%**	**21%**
				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: Aug. 26, 2025

Week of: Aug. 24 - Aug. 30, 2025	Sockeye		Pink	
	Total	Fraser	Total	Fraser
Canada	**685,518**	**678,674**	**152,301**	**49,864**
Commercial	**158,558**	**157,892**	**55,955**	**27,118**
B Purse Seine	96,152	95,601	44,352	18,251
D Gillnet	24,132	24,033	3,547	1,515
E Gillnet	35,137	35,137	6,447	6,447
H Troll	3,137	3,121	1,609	906
First Nations	**512,831**	**506,654**	**84,951**	**21,882**
Food, Social & Ceremonial (FSC)	486,743	480,566	84,951	21,882
Marine	229,993	223,971	84,138	21,069
Fraser R.	256,750	256,595	813	813
Economic Opportunity (EO) & Demonstration (Demo)	26,088	26,088	0	0
Single Stock FSC (SS FSC)	**0**	**0**	**0**	**0**
Recreational	**0**	**0**	**11,301**	**770**
Charter (Albion & A12 Chum test fishery)	**652**	**652**	**94**	**94**
Other****	**13,477**	**13,477**	**0**	**0**
United States	**299,233**	**299,092**	**991,064**	**757,011**
Commercial	**296,686**	**296,552**	**991,064**	**757,011**
Treaty Tribes (TRB)	217,388	217,380	665,094	503,783
All Citizen (AC)	79,298	79,172	325,970	253,228
Treaty Tribes Ceremonial & Subsistence (C&S)	**2,547**	**2,540**	**0**	**0**
All Citizen Recreational	**0**	**0**	**0**	**0**
Other****	**0**	**0**		
Alaska *	**na**	**na**	**na**	**na**
Panel-approved Test Fisheries	**31,201**	**30,447**	**13,882**	**8,545**
Panel Waters	**22,679**	**22,414**	**12,310**	**8,196**
Canada	21,935	21,685	11,498	7,869
U.S.	744	730	812	327
Non-Panel Waters**	**8,522**	**8,033**	**1,572**	**348**
Total	**1,015,952**	**1,008,213**	**1,157,247**	**815,420**
Catch Seaward of Mission ***	854,093	846,354	1,157,133	815,306
Catch Upstream of Mission	161,859	161,859	114	114

** 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: Aug. 26, 2025

Week of: Aug. 24 - Aug. 30, 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**	**10**	**8**
United States	**3,944**	**3,938**	**994**	**992**
Commercial	**3,944**	**3,938**	**994**	**992**
Treaty Tribes (TRB)	0	0	0	0
All Citizen (AC)	3,944	3,938	994	992
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	**288,850**	**277,038**	**28401**	**27,726**
Panel Waters	**288,849**	**277,037**	**28400**	**27,725**
Canada	283,521	277,037	28374	27,725
U.S.	5,328	0	27	0
Non-Panel Waters	**1**	**1**	**1**	**1**
Total	**295,215**	**283,388**	**29490**	**28,813**
Catch Seaward of Mission ***	293,155	281,329	29434	28,756
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	6,900,000	1,050,000	9,075,000		26,965,000
Adult Spawning Escapement Target (SET)			**580,000**	**200,000**	**3,450,000**	**525,000**	**4,755,000**		**8,089,500**
%SET from TAM rules			80%	50%	50%	50%			30%
Management Adjustment (MA)			**1,078,800**	**108,000**	**1,863,000**	**666,750**	**3,716,550**		0
Proportional MA (pMA)			1.86	0.54	0.54	1.27			0.00
Adjusted Spawning Escapement Target (SET) *			725,000	308,000	5,313,000	1,050,000	7,396,000		8,089,500
Test Fishing (TF)			**5,500**	**3,400**	**29,350**	**5,531**	**43,781**		**90,000**
Surplus above Adjusted SET & Test fishing			0	88,600	1,557,650	0	1,646,250		18,785,500
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	5,718,463	1,055,531	7,839,781		8,179,500
Available TAC for International Sharing			**0**	**64,713**	**1,181,537**	**0**	**1,246,250**		**18,785,500**
UNITED STATES (Washington) TAC									
Proportionally Distributed TAC **		16.5%	0	10,680	194,950	0	205,630	25.7%	4,827,870
U.S. Payback **		-0.2%	0	-120	-2,270	0	-2,390		0
Proportionally Distributed TAC + Payback			**0**	**10,560**	**192,680**	**0**	**203,240**		**4,827,870**
Treaty Tribes Share **		67.7%	0	7,110	129,710	0	136,820	50.0%	2,413,935
All Citizen Share		32.3%	0	3,450	62,970	0	66,420	50.0%	2,413,935
CANADA TAC									
Aboriginal Fishery Exemption (AFE)			0	23,887	376,113	0	400,000		0
Canadian TAC + AFE			**0**	**78,040**	**1,364,970**	**0**	**1,443,010**		**13,957,630**
CATCH-TO-DATE									
Test			**5,310**	**2,210**	**21,300**	**1,620**	**30,450**		**8,540**
Treaty Tribes (Wash.) / Ceremonial (TRB)			0	3,950	182,840	33,130	219,920		503,780
All Citizen (Wash.)			0	2,510	63,830	12,830	79,170		253,230
Other (Wash.)***			0	0	0	0	0		0
Washington			**0**	**6,460**	**246,670**	**45,960**	**299,090**		**757,010**
First Nations Catch (including AFE)			2,730	30,220	406,890	40,720	480,570		21,880
Planned Charter & Recreational Shares			60	30	520	41	652		860
Other***			3,390	1,690	8,380	20	13,480		0
Total Commercial (including FN EO/Demo****)			0	5,570	156,050	22,370	183,980		27,120
Canada			**6,180**	**37,510**	**571,840**	**63,150**	**678,670**		**49,860**
Total Catch in All Fisheries			**11,490**	**46,180**	**839,810**	**110,730**	**1,008,210**		**815,420**
Exploitation Rate (catch-to-date / run size)			1.6%	11.5%	12.2%	10.5%	11.1%		3.0%
Fisheries induced mortalities (Canada, U.S. & TF)			57	1,017	23,956	3,783	28,812		
Exploit. Rate with fishery-induced mortality included			1.6%	11.8%	12.5%	10.9%	11.4%		
CATCH REMAINING (BALANCE)									
Washington			**0**	**4,100**	**-53,990**	**-45,960**	**-95,850**		**4,070,860**
Canada			**-6,180**	**40,530**	**793,130**	**-63,150**	**764,330**		**13,907,770**
Balance Remaining [below share / -above share]			-6,180	44,630	739,140	-109,110	668,480		17,978,630

* 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)
5-Aug	1 (2 sets)	1,377		147	210	16.80	54	55,497	RB + LB	148,700	A1+M2+A2	*No Count*
6-Aug	913	1,080		137	210	16.80	120	122,031	RB + LB	129,600	A1+M2+A2	*No Count*
7-Aug	1,312	5,420		167	397	31.76	165	134,398	RB + LB	225,600	A1+M2+A2	109,740
8-Aug	2,265	6,422	1,645	316	209	16.72	105	104,085	RB + LB	111,300	A1+M2+A2	78,090
9-Aug	8,274	8,195	1,097	106	114	9.12	116	113,425	RB + LB	102,200	A1+M2+A2	*No Count*
10-Aug	4782 (4 sets)	15,810	2,035	210	127	10.16	74	71,850	RB + LB	99,100	A1+M2+A2	45,300
11-Aug	8,176	15060 (5 sets)		212	200	16.00	54	90,783	RB + LB	97,900	A1+M2+A2	*No Count*
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			219,800	A1+M2+A2	*No Count*
26-Aug												
27-Aug												

[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)

[4] Mission escapement estimate - does not include Pitt

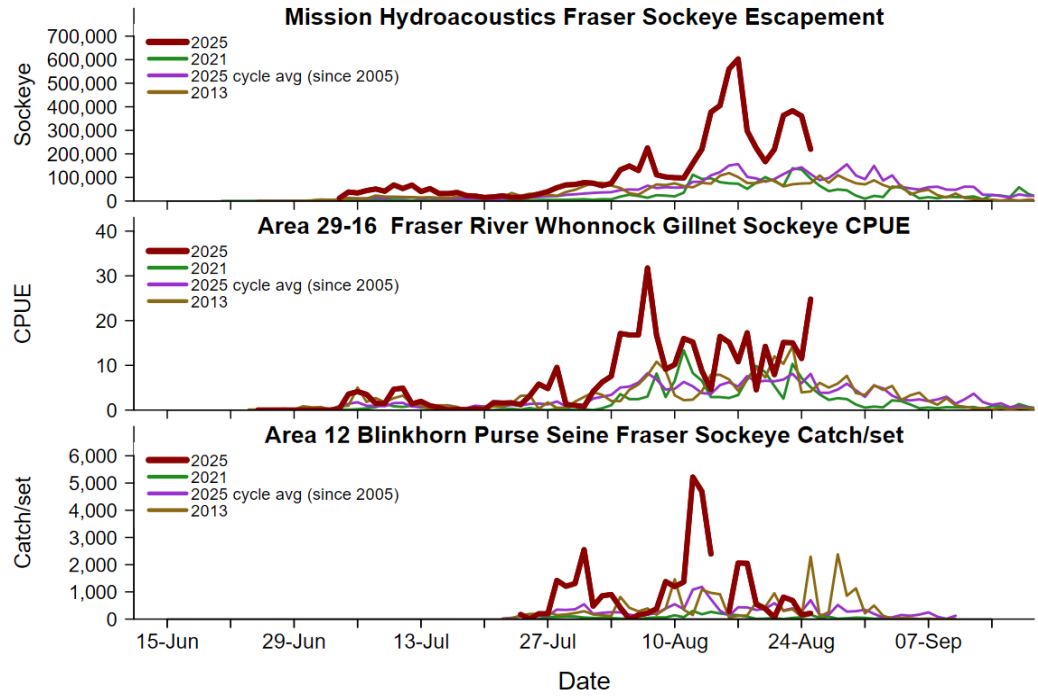
[5] *Mission Source:*

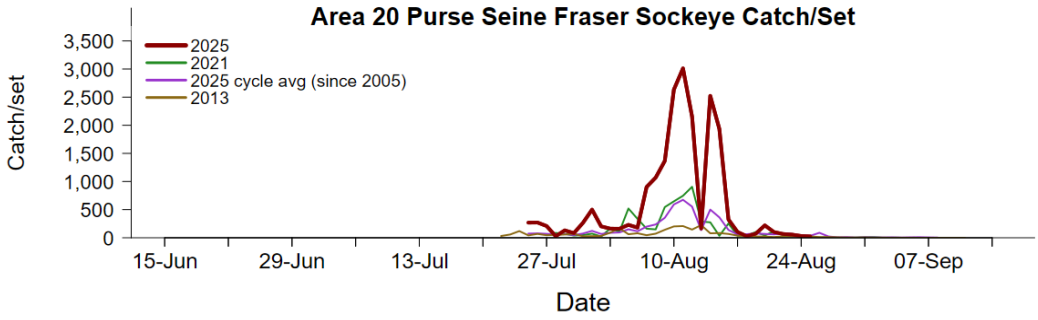
A1+S1+M+A2 = Left-bank ARIS (A1) + Mobile ARIS (M2) + Right-bank ARIS (A2)

[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)										
5-Aug	173 (2 sets)	10,427		1	0	0.00	0	0	RB + LB	3,170	BB-CPUE-Avg	*No Count*
6-Aug	3,260	2,956		0	0	0.00	0	0	RB + LB	1,060	BB-CPUE-Avg	*No Count*
7-Aug	6,712	25,344		1	0	0.00	0	0	RB + LB	2,110	BB-CPUE-Avg	0
8-Aug	8,620	21,315	870	0	0	0.00	0	0	RB + LB	1,060	BB-CPUE-Avg	0
9-Aug	9,400	6,655	411	0	0	0.00	0	0	RB + LB	1,060	BB-CPUE-Avg	*No Count*
10-Aug	1490 (4 sets)	17,420	658	0	1	0.08	0	0	RB + LB	2,860	W	0
11-Aug	995	18100 (5 sets)		1	2	0.16	0	0	RB + LB	1,060	BB-CPUE-Avg	*No Count*
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	32			498,780	CPUE-Wh-CC	*No Count*
26-Aug												
27-Aug												

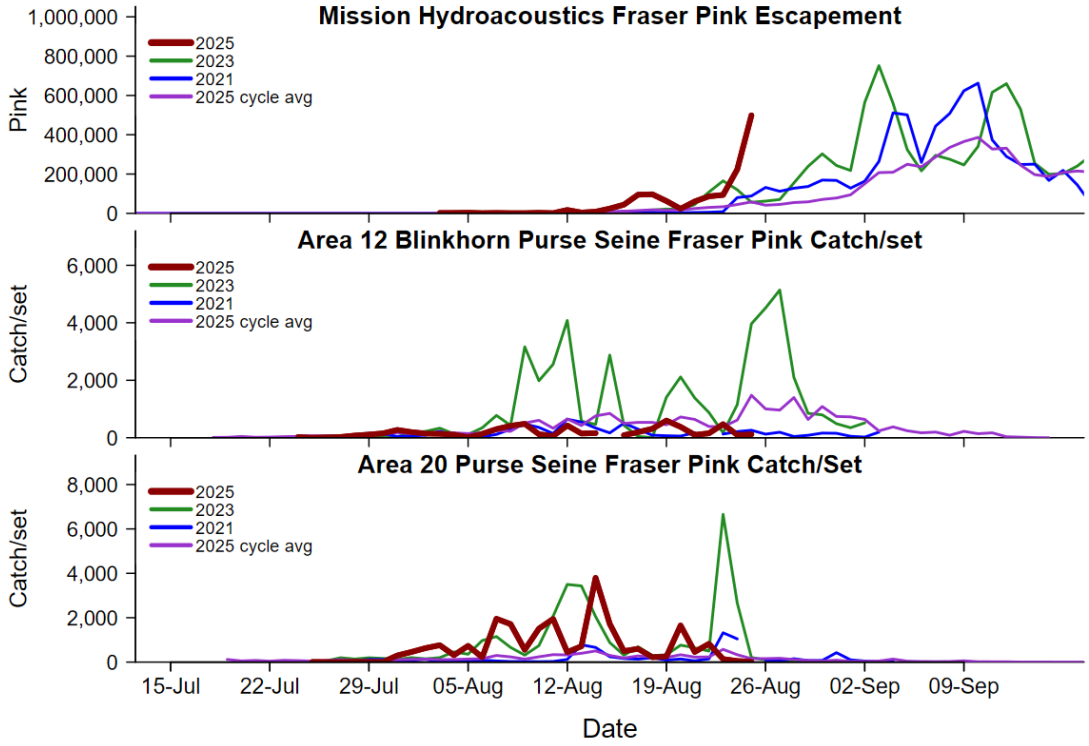
[1] Area 7 Reefnet test fishery is for observation of fish presence and species composition. No fish are retained. Vessels are operating at two observation sites.

[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

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

DNF = Did not fish

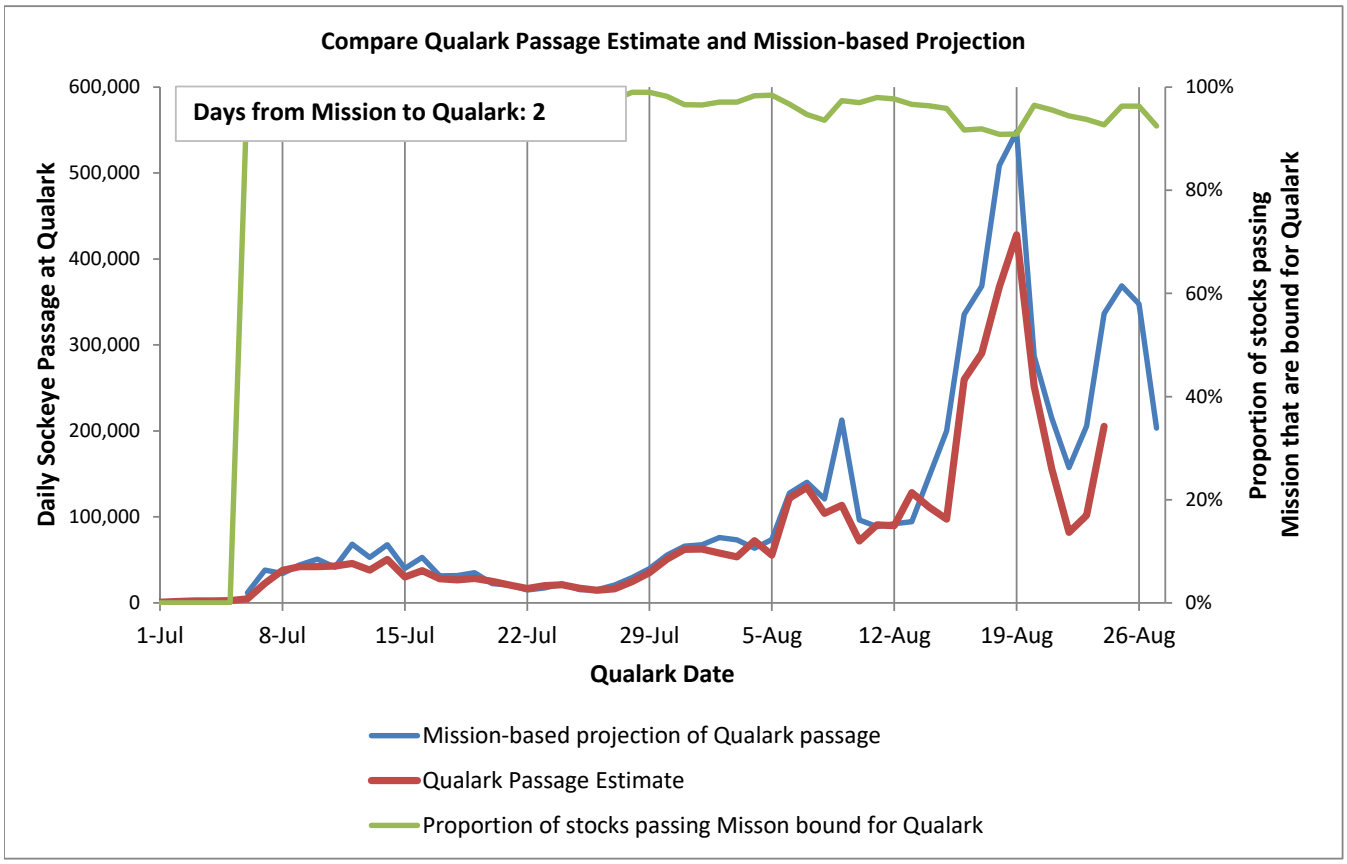


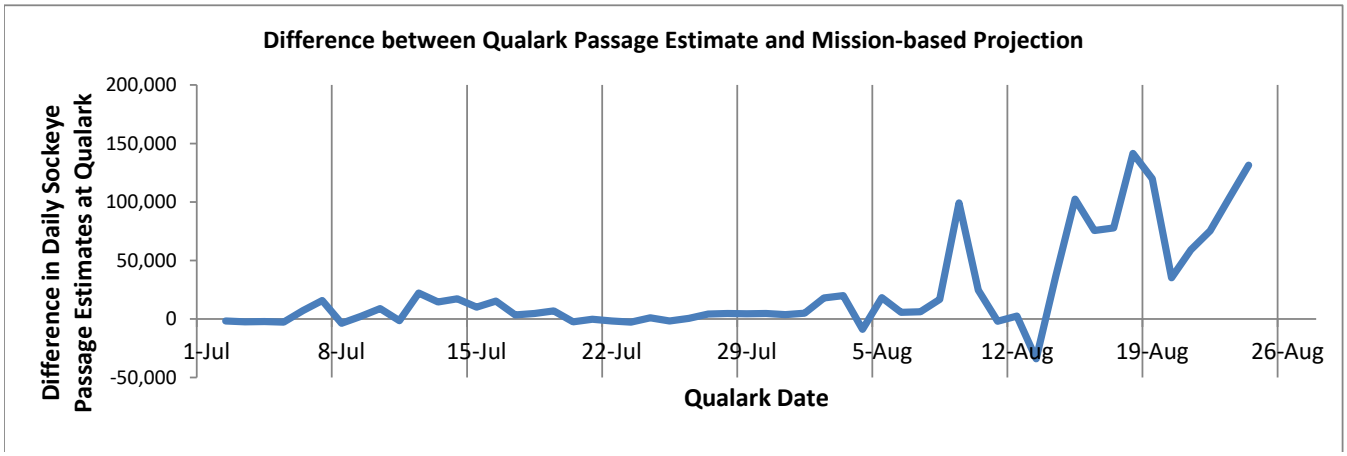
5b. Comparison of predictions from Mission to Qualark Year: **2025**

Date: 26-Aug-25

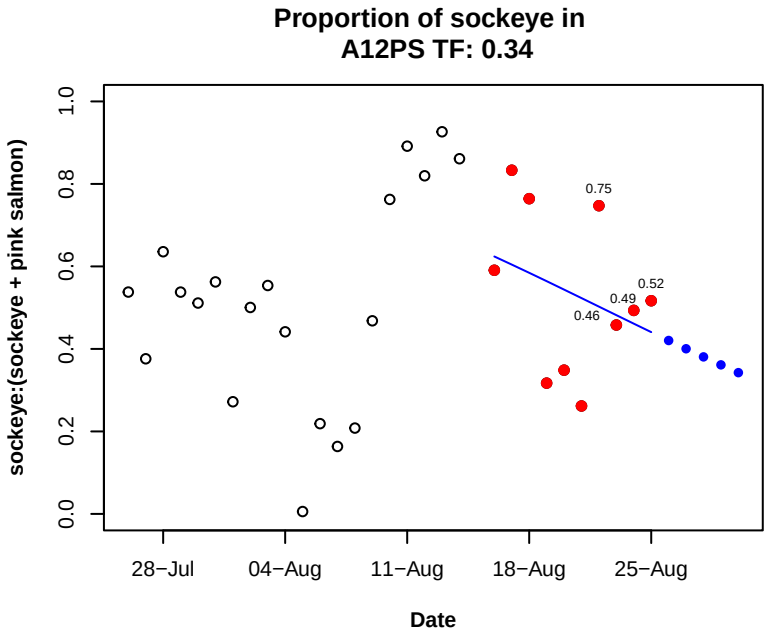
Time: 9:45 AM

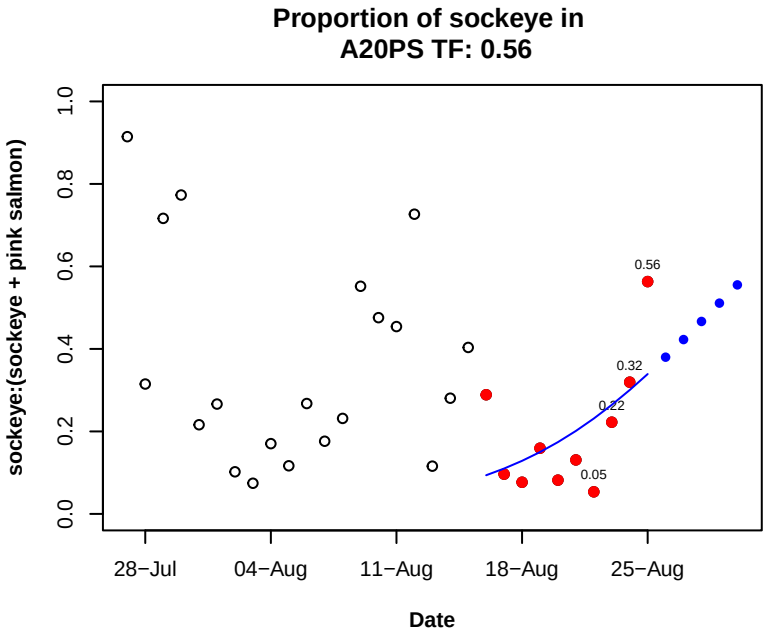
	All Days	*Common Days
Mission projection	6,500,124	5,580,224
Qualark estimate	4,322,027	4,312,383
	Difference	**1,267,841**
	%Difference	**23%**





5c. Prediction of the proportion of sockeye:(sockeye + pink salmon) in 2025 test fisheries





Area 7 Reefnet observation species proportions

Date	Sockeye	Pink	Sockeye / (Sockeye + Pink)
August 8, 2025	1,645	870	65%
August 9, 2025	1,097	411	73%
August 10, 2025	2,035	658	76%
August 23, 2025	165	2,987	5%
August 24, 2025	151	2,775	5%
August 25, 2025	235	3,342	7%

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 18	DNA	96	100%	0%					0%	1%	22%	53%	6%	83%	3%	3%	12%	17%	100%
A12 ps	tf	Aug 20	DNA	96	98%	0%					0%		25%	53%	1%	79%	5%	10%	6%	21%	NA
A12 ps	tf	Aug 22	DNA	80	100%	0%					0%		16%	62%	1%	80%	4%	6%	10%	20%	100%
A12 ps		Aug 27	Prediction	1	100%	0%					0%		10%	60%	1%	72%	5%	11%	11%	28%	NA
Juan de Fuca Strait & Washington & Other																					
A20 ps	tf	Aug 15	DNA	100	100%	0%					0%		21%	59%	7%	86%	9%		5%	14%	99%
A20 ps	tf	Aug 17	DNA	99	99%	0%				1%	1%		21%	56%		77%	1%	5%	16%	22%	100%
A20 ps	tf	Aug 23	DNA	100	99%	0%			1%		1%		18%	52%	3%	74%	11%	5%	9%	25%	98%
A20 ps		Aug 28	Prediction	1	100%	0%					0%		11%	55%	2%	68%	9%	8%	16%	32%	NA
In-river																					
BB gn	tf	Aug 21	DNA	50	100%	0%				6%	6%		14%	69%	2%	86%	6%	3%		9%	NA
BB gn	tf	Aug22-23	DNA	100	100%	0%			2%	1%	3%	2%	20%	71%	3%	95%	2%			2%	99%
AB gn	tf	Aug21-22	DNA	100	100%	0%					0%		19%	71%	1%	91%	9%			9%	NA
AB gn	tf	Aug23-24	DNA	100	100%	0%				0%	0%		10%	75%	5%	91%	4%	5%		9%	NA

2025 Fraser River Pink Salmon Stock identification Review

Recent stock composition estimates for pink salmon

	Fishing		Sample		DNA % Estimates by Group		
Area/Gear[1]	Sector[2]	Date	Type[3]	Size (n)	Fraser River	Washington	BC South Coast
Johnstone Strait							
A13 GN	CM	Aug14-16	DNA	91	31%	24%	45%
A12 PS	TF	Aug19	DNA	97	58%	30%	12%
A12		Aug27	Prediction	1	64%	21%	15%
Juan de Fuca Strait							
A20 PS	TF	Aug7	DNA	98	56%	26%	18%
A20 PS	TF	Aug12	DNA	100	62%	31%	7%
A20		Aug27	Prediction	1	74%	22%	4%
Washington							
A7 PS	CM	Aug15	DNA	95	78%	13%	9%
A7 PS	CM	Aug18	DNA	96	86%	6%	9%
A7		Aug27	Prediction	1	88%	7%	5%
A7A		Aug27	Prediction	1	87%	7%	6%

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

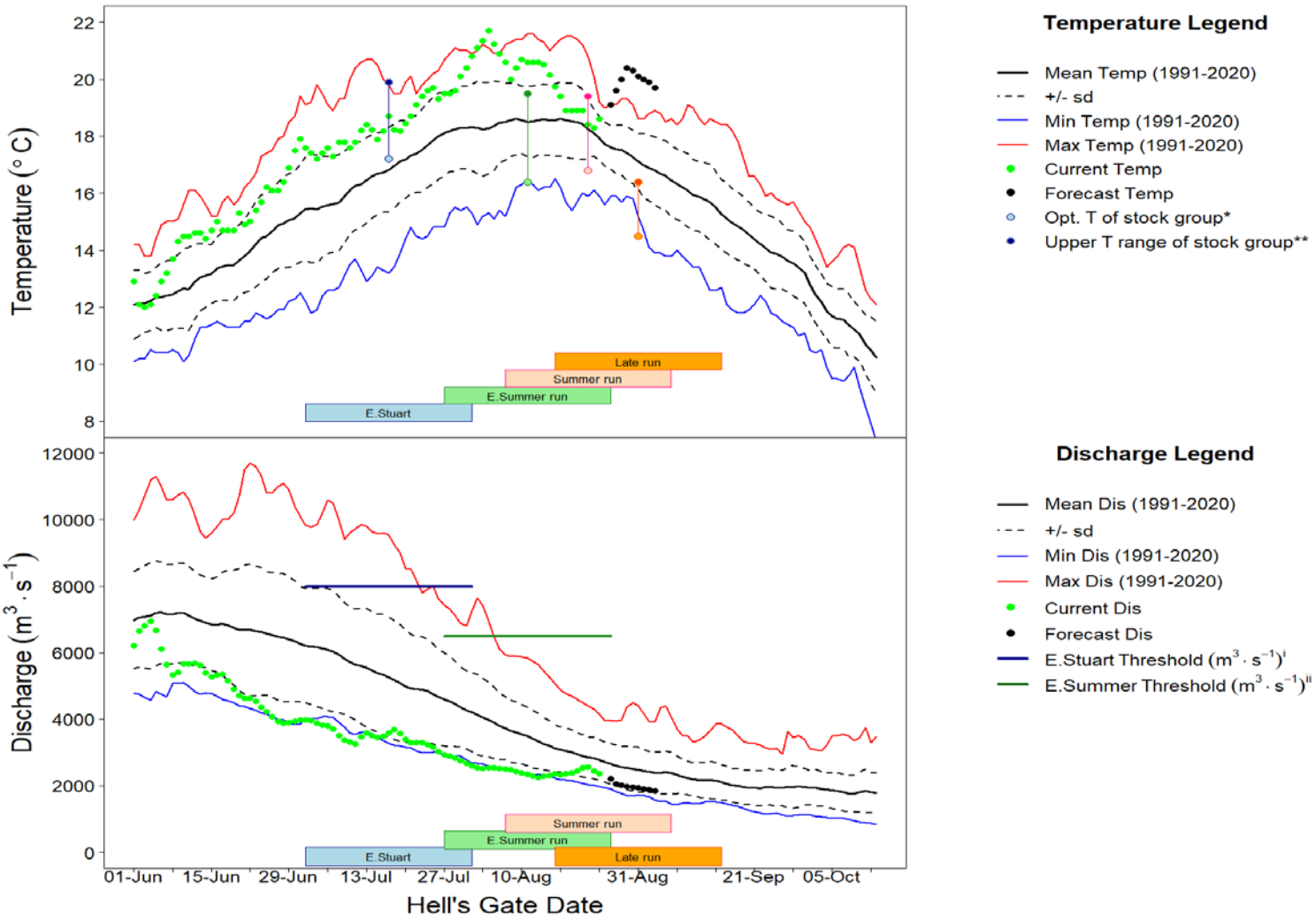
Fraser River Environmental Report for August 25, 2025

Observed Fraser River Temperature at Qualark for 25-Aug	18.8°C
Average (1991-2020) Historical Temperature on this day	17.7°C
Deviation from Average	1.1°C
Forecast Temperature for 31-Aug-25	20.1°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 25-Aug	2310 $m^3 \cdot s^{-1}$
Average (1991-2020) Historical Discharge on this day	2718 $m^3 \cdot s^{-1}$
% above or below Historical Discharge	-15%
Forecast Discharge for 31-Aug-25	1935 $m^3 \cdot s^{-1}$

The forecast is for minimal precipitation in Kamloops and no precipitation in Prince George.

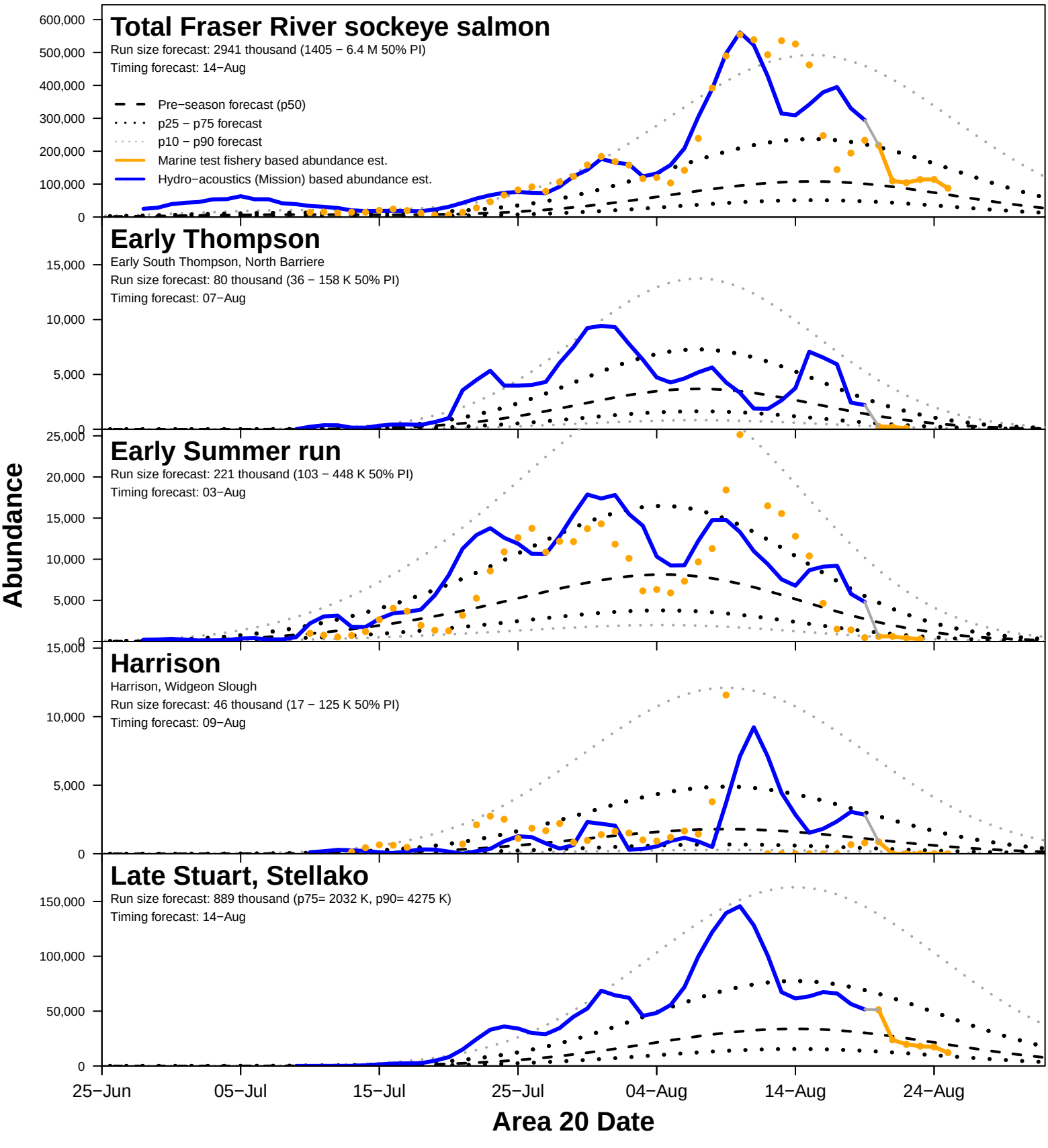


Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run.'pMA is the proportional increase to spawning escapement targets to help ensure targets 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

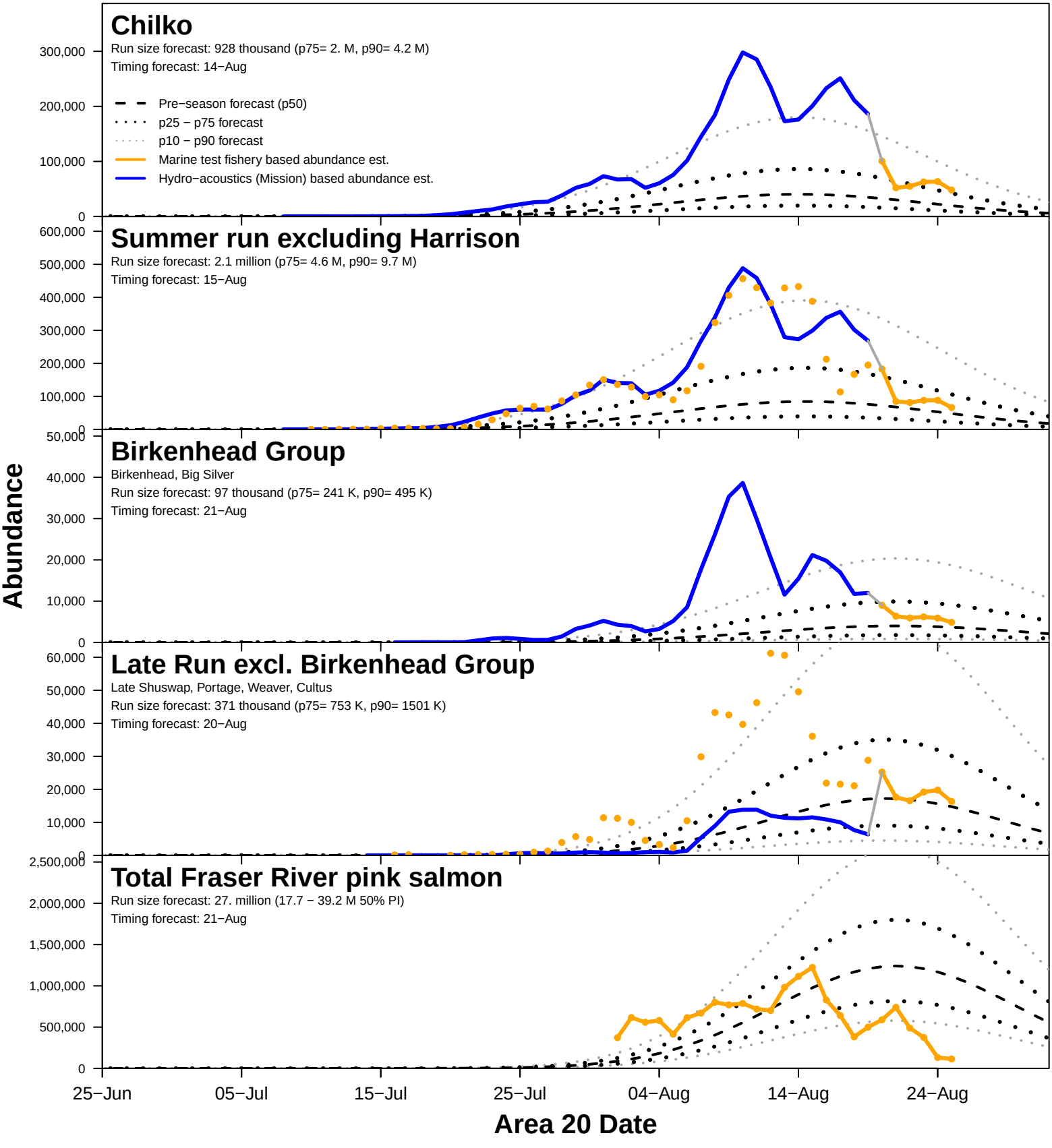
Map #	Current Temperatures 24-Aug	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
	Fraser River Mainstem				
1	Fraser River @ Qualark	**18.6**	**17.9**	**0.7**	**1991-2020**
2	Fraser River @ Texas Creek	**na**	**17.2**	**na**	**2006-2024**
3	Fraser River @ Marguerite	**17.2**	**17.3**	**-0.1**	**2015-2024**
4	Upper Fraser @ Shelley	**na**	**14.0**	**na**	**1994-2024**
	Fraser River Tributaries				
5	Thompson R. @ Ashcroft	**19.6**	**18.6**	**1.0**	**1995-2024**
6	South Thompson @ Chase	**21.0**	**19.3**	**1.7**	**1994-2024**
7	North Thompson @ McLure	**17.0**	**14.8**	**2.2**	**2006-2023**
8	Quesnel R. @ Quesnel	**18.1**	**16.7**	**1.4**	**2000-2024**
9	Nechako R. @ Isle Pierre	**19.1**	**17.8**	**1.3**	**2006-2024**
10	Stuart R. @ Ft. St. James	**18.5**	**17.3**	**1.2**	**2000-2024**

6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−08−26, Time: 10:02 DB

6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−08−26, Time: 10:02 DB

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

Current date: 26-Aug

Area 20 date / Mission date	Escapement past Mission through 25-Aug	Projected abundance en route to Mission based on marine test fishery data[1,2] 20-Aug / 26-Aug	21-Aug / 27-Aug	22-Aug / 28-Aug	23-Aug / 29-Aug	24-Aug / 30-Aug	25-Aug / 31-Aug	Total	80% PI[3] 10p	80% PI[3] 90p	Escapement + projections through 31-Aug
Total Fraser	**6,940,700**	**182,800**	**107,100**	**37,600**	**166,800**	**136,000**	**38,500**	**668,800**	**407,700**	**964,400**	**7,609,500**
Early Stuart	**731,900**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**731,900**
Early Summer Run	**360,700**	**1,000**	**500**	**300**	**300**	**0**	**0**	**2,100**	**1,000**	**4,300**	**362,800**
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]	201,300	600	400	300	300	0	0	1,600	800	3,300	202,900
Early Thompson[5]	138,500	400	100	0	0	0	0	500	200	1,000	139,000
Summer Run	**5,484,900**	**142,800**	**82,800**	**28,500**	**132,000**	**103,400**	**28,900**	**518,400**	**316,200**	**746,500**	**6,003,300**
Harrison / Widgeon[2]	58,500	400	0	0	0	0	0	400	200	600	58,900
Late Stuart / Stellako	1,710,500	39,700	24,200	7,200	27,500	19,200	5,100	122,900	75,000	177,000	1,833,400
Chilko	3,193,600	85,800	51,000	18,900	93,900	74,600	21,200	345,400	210,700	497,400	3,539,000
Quesnel	376,700	11,600	6,000	1,500	8,100	7,900	2,100	37,200	22,700	53,600	413,900
Raft / North Thompson	145,600	5,300	1,600	900	2,500	1,700	500	12,500	7,600	18,000	158,100
Late Run	**363,200**	**39,000**	**23,800**	**8,800**	**34,500**	**32,600**	**9,600**	**148,300**	**90,500**	**213,600**	**511,500**
Birkenhead / Big Silver	275,500	9,200	6,700	3,100	7,900	7,500	2,200	36,600	22,300	52,700	312,100
Late Shuswap / Portage[2]	71,300	10,200	8,300	2,100	10,200	12,000	3,300	46,100	28,100	66,400	117,400
Weaver / Cultus[2]	16,400	19,600	8,800	3,600	16,400	13,100	4,100	65,600	40,000	94,500	82,000

[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

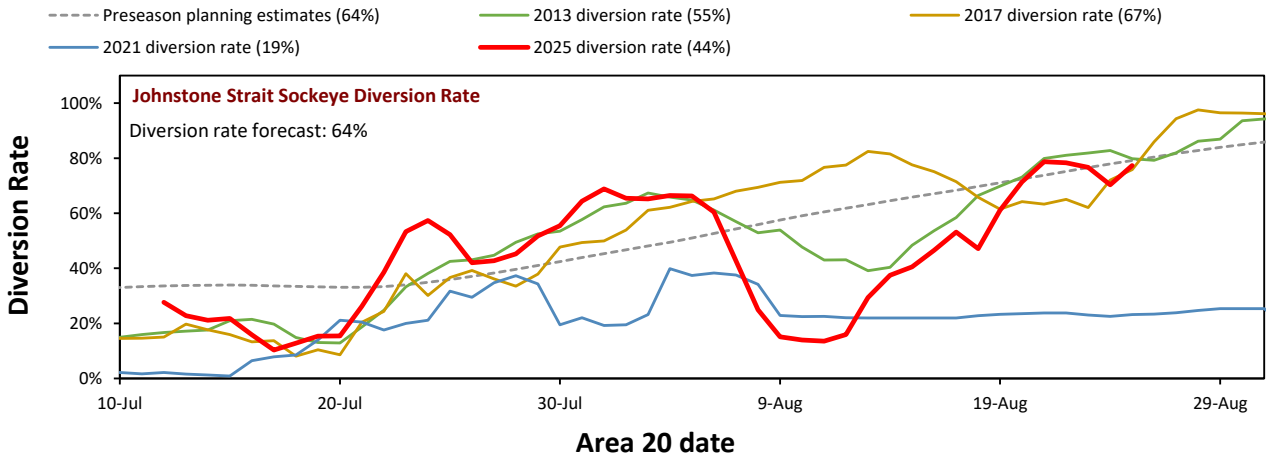
[3] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

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

[5] Early South Thompson / North Barriere

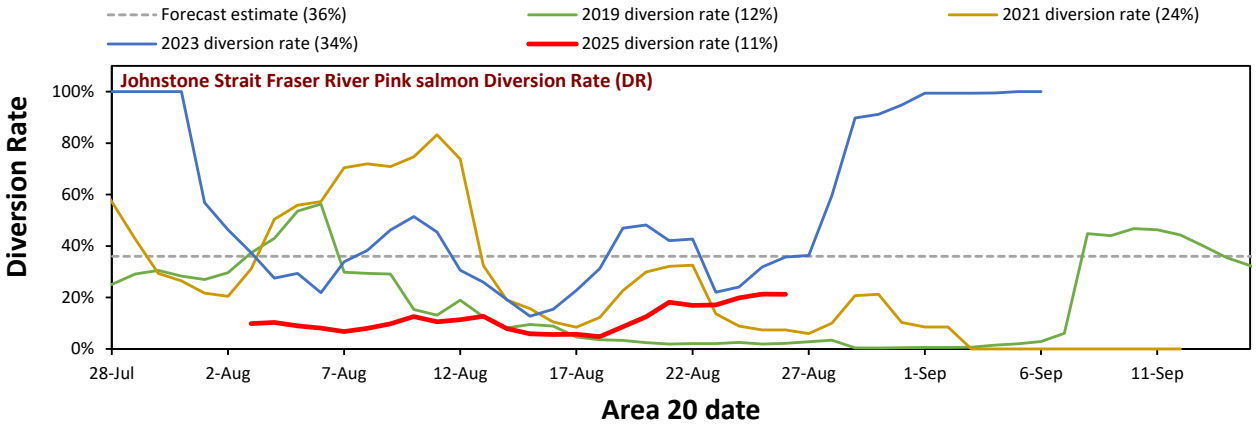
6c. 2025 Fraser River sockeye diversion rates through Johnstone Strait

	5-day-average
Diversion rate	**77%**



2025 Fraser River Pink salmon diversion rates through Johnstone Strait

	5-day-average
Fraser pink salmon	**21%**



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	**9,075,000**	**2,941,000**	●	**9,491,000**	***8,531,000***	***10,733,000***	**Sum**	**7,786,000**	**870,000**	**446,000**	**387,000**		**14-Aug**	**11-Aug**	***10-Aug***	***12-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**	✓	**406,000**	***399,000***	***415,000***	**Sum**	**392,000**	**11,000**	**2,000**	**0**	**01-Aug**	**03-Aug**	**01-Aug**	***01-Aug***	***02-Aug***	**Recon(2)**
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	✓	223,000	*219,000*	*227,000*	Recon(2)	214,000	7,000	1,000	0		31-Jul	01-Aug	*01-Aug*	*01-Aug*	Recon(2)
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	✓	161,000	*158,000*	*166,000*	Recon(2)	156,000	4,000	1,000	0		07-Aug	02-Aug	*02-Aug*	*02-Aug*	Recon(2)
Summer Run	**6,900,000**	**2,136,000**	●	**7,289,000**	***6,626,000***	***8,104,000***	**Sum**	**6,187,000**	**721,000**	**367,000**	**14,000**	**11-Aug**	**15-Aug**	**11-Aug**	***10-Aug***	***12-Aug***	**Recon(2)**
Harrison / Widgeon		46,000	●	80,000	*66,000*	*87,000*	Recon	66,000	0	0	14,000		09-Aug	09-Aug	*09-Aug*	*10-Aug*	Recon
Late Stuart / Stellako		889,000	●	2,119,000	*2,034,000*	*2,207,000*	Recon(2)	1,940,000	134,000	44,000	0		14-Aug	09-Aug	*09-Aug*	*09-Aug*	Recon(2)
Chilko		928,000	●	4,294,000	*3,844,000*	*4,910,000*	Recon(2)	3,589,000	467,000	238,000	0		14-Aug	12-Aug	*11-Aug*	*14-Aug*	Recon(2)
Quesnel		260,000	●	603,000	*514,000*	*659,000*	Recon(2)	433,000	103,000	67,000	0		18-Aug	14-Aug	*13-Aug*	*15-Aug*	Recon(2)
Raft / North Thompson		14,000	●	193,000	*168,000*	*241,000*	Recon(2)	160,000	17,000	16,000	0		23-Aug	12-Aug	*12-Aug*	*16-Aug*	Recon(2)
Late Run	**1,050,000**	**468,000**	◇	**1,060,000**	***770,000***	***1,478,000***	**Sum**	**471,000**	**138,000**	**77,000**	**373,000**	**15-Aug**	**20-Aug**	**14-Aug**	***12-Aug***	***17-Aug***	**Weight**
Birkenhead Group		97,000	●	387,000	*345,000*	*442,000*	Recon(2)	324,000	38,000	24,000	0		21-Aug	11-Aug	*11-Aug*	*13-Aug*	Recon(2)
L.Shuswap / Weaver Gr.		371,000	◇	673,000	*425,000*	*1,036,000*	Recon(2)	147,000	100,000	53,000	373,000		20-Aug	15-Aug	*13-Aug*	*18-Aug*	Model
Fraser Pink salmon	**NA**	**26,965,000**	◇	**11,510,000**	**6,769,000**	**18,781,000**	**Model**	**2,172,000**	**1,618,000**	**840,000**	**6,880,000**	**NA**	**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

6e. Pink Salmon Run Size Weight of Evidence

Default Run Size Method: Time Density Model 26-08-2025

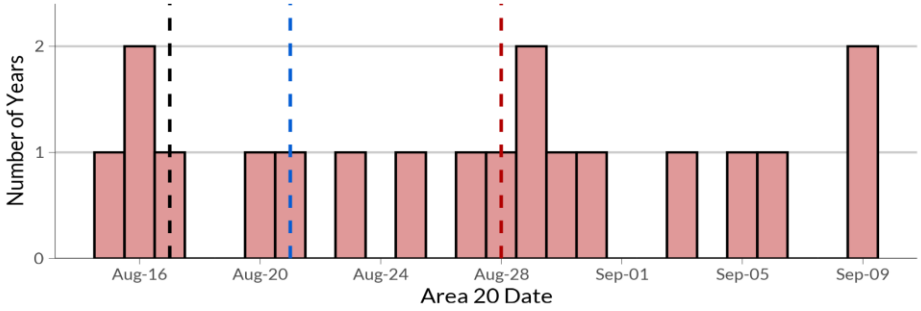
<10M	10-15M	15-20M	>20M
	■ □		■ □

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

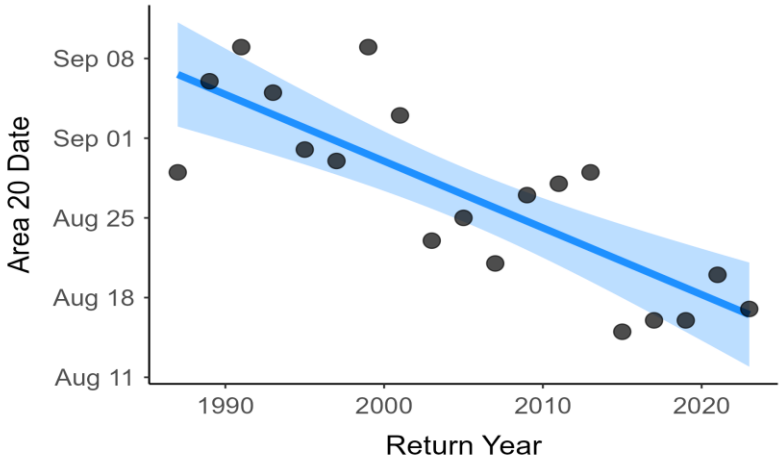
Models		Description	Category	In-season model?
PreSeason Forecast	■	Power (fry)	>20M	no
Time Density Model	■	Bayesian fit to CPUE*EL data	10-15M	yes
SST Regression	□	June SST (ocean entry yr) at Pine Island	10-15M	no
Timing-based	□	Double the reconstructed abundance at assumed 50% date (Aug 21)	>20M	yes

Pink Salmon

Historical 50% migration date (n = 19)



Dashed lines:
Red = All-years historical median of Aug-28
Black = Recent historical median (2011-on) of Aug-17
Blue = Pre-season predicted timing of Aug-21



6h. Fishery Catch Evaluation

	Number of Days	Fraser Pink Catch			Total Fraser Sockeye Impacts			Catch by Management Group			
		Total Catch	Prediction Intervals 10%	90%	Total Impacts	Prediction Intervals 10%	90%	Early Stuart	Early Summer	Summer	Late
Potential Additional Fisheries											
Area 4B, 5, 6C - Treaty Tribes - Gillnet	3	105	68	234	233	152	492	0	2	206	25
Area 6, 7, 7A - Treaty Tribes - Purse Seine	1	46,078	22,929	80,636	9,023	4,164	24,252	0	88	7,881	1,054
Area 6, 7, 7A - Treaty Tribes - Gillnet	1	1,024	510	1,792	401	185	1,078	0	4	350	47
Area 6, 7, 7A - All Citizen - Purse Seine	1	116,488	57,967	203,854	5,982	2,783	16,407	0	54	5,242	686
Area 6, 7, 7A - All Citizen - Gillnet	1	896	446	1,568	221	103	606	0	2	194	25
Area 7 - All Citizen - Reefnet	1	1,222	181	10,081	5	1	28	0	0	4	1
Total (excluding fisheries in-progress)[2]		**165,813**	**82,101**	**298,165**	**15,865**	**7,388**	**42,863**	**0**	**150**	**13,877**	**1,838**

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 August 27 to Friday August 29

Effort: 3

Daily Catch Estimate

A total of 233 Fraser Sockeye are expected to be retained with an 80% prediction interval of 152 - 492. A total of 105 Pinks are expected to be retained during this fishery with an 80% prediction interval of 68 - 234.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 27	42	93	0	1	82	10
Aug 28	35	77	0	1	68	8
Aug 29	29	63	0	0	56	6
Total	**105**	**233**	**0**	**2**	**206**	**25**

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
Aug 27	120,578	26,902	18%	0%	0.8%	88%	11%
Aug 28	100,917	22,186	18%	0%	0.7%	89%	10%
Aug 29	83,409	18,162	18%	0%	0.6%	89%	10%
Total	**304,903**	**67,249**	**18%**	**0%**	**0.7%**	**89%**	**11%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

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 0.1%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 08	554	0.38%	2	0.19%
Aug 09	154	0.08%	2	0.04%
Aug 10	542	0.23%	2	0.12%
Aug 11	118	0.05%	2	0.03%
Aug 12	33	0.01%	-	0%
Aug 15	228	0.12%	-	0%
Total	**1,629**	**0.13%**	**-**	**0%**

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 0.06%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 08	796	0.21%	2	0.1%
Aug 09	426	0.1%	2	0.05%
Aug 10	103	0.02%	2	0.01%
Aug 11	629	0.15%	2	0.08%
Aug 13	298	0.07%	-	0%
Aug 15	560	0.12%	-	0%
Total	**2,811**	**0.11%**	**-**	**0%**

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: Thursday August 28 to Thursday August 28

Effort: 10

Daily Catch Estimate

A total of 221 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 103 - 606. A total of 896 Pinks are expected to be retained during this fishery with an 80% prediction interval of 446 - 1,568.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 28	896	221	0	2	194	25
Total	**896**	**221**	**0**	**2**	**194**	**25**

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
Aug 28	1,280,090	135,132	10%	0%	1%	88%	12%
Total	**1,280,090**	**135,132**	**10%**	**0%**	**1%**	**88%**	**12%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 20.3 and the average harvest rate per unit effort was 0.02%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	2,397	0.37%	20	0.02%
Aug 15	1,023	0.13%	12	0.01%
Aug 19	3,304	0.61%	29	0.02%
Total	**6,724**	**0.34%**	**61**	**0.01%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 20.3 and the average harvest rate per unit effort was 0.003%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	790	0.03%	20	0.001%
Aug 15	961	0.04%	12	0.003%
Aug 19	2,915	0.11%	29	0.004%
Total	**4,666**	**0.06%**	**61**	**0.001%**

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 August 27 to Wednesday August 27

Effort: 10

Daily Catch Estimate

A total of 401 Fraser Sockeye are expected to be retained with an 80% prediction interval of 185 - 1,078. A total of 1024 Pinks are expected to be retained during this fishery with an 80% prediction interval of 510 - 1,792.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 27	1,024	401	0	4	350	47
Total	**1,024**	**401**	**0**	**4**	**350**	**47**

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
Aug 27	1,462,780	145,149	9%	0%	1%	87%	12%
Total	**1,462,780**	**145,149**	**9%**	**0%**	**1%**	**87%**	**12%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 56.2 and the average harvest rate per unit effort was 0.03%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	10,049	2.67%	73	0.04%
Aug 11	1,999	0.4%	28	0.01%
Aug 12	1,578	0.25%	-	0%
Aug 17	10,527	1.52%	70	0.02%
Aug 18	10,305	1.69%	66	0.03%
Aug 19	6,013	1.1%	44	0.03%
Total	**40,471**	**1.2%**	**-**	**0%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 56.2 and the average harvest rate per unit effort was 0.002%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	2,075	0.09%	73	0.001%
Aug 11	719	0.03%	28	0.001%
Aug 17	3,477	0.13%	70	0.002%
Aug 18	6,919	0.26%	66	0.004%
Aug 19	3,180	0.12%	44	0.003%
Total	16,371	0.13%	281	5e-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 - All Citizen - Purse Seine

Dates: Thursday August 28 to Thursday August 28

Effort: 26

Daily Catch Estimate

A total of 5,982 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 2,783 - 16,407. A total of 116488 Pinks are expected to be retained during this fishery with an 80% prediction interval of 57,967 - 203,854.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 28	116,488	5,982	0	54	5,242	686
Total	**116,488**	**5,982**	**0**	**54**	**5,242**	**686**

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
Aug 28	1,280,090	135,132	10%	0%	1%	88%	12%
Total	**1,280,090**	**135,132**	**10%**	**0%**	**1%**	**88%**	**12%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 15.7 and the average harvest rate per unit effort was 0.22%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	17,672	2.74%	9	0.3%
Aug 15	11,243	1.41%	12	0.12%
Aug 19	35,884	6.58%	26	0.25%
Total	**64,799**	**3.27%**	**47**	**0.07%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 15.7 and the average harvest rate per unit effort was 0.16%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 12	16,877	0.69%	9	0.08%
Aug 15	38,593	1.48%	12	0.12%
Aug 19	181,372	6.96%	26	0.27%
Total	**236,842**	**3.09%**	**47**	**0.07%**

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 August 27 to Wednesday August 27

Effort: 9

Daily Catch Estimate

A total of 9,023 Fraser Sockeye are expected to be retained with an 80% prediction interval of 4,164 - 24,252. A total of 46078 Pinks are expected to be retained during this fishery with an 80% prediction interval of 22,929 - 80,636.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 27	46,078	9,023	0	88	7,881	1,054
Total	**46,078**	**9,023**	**0**	**88**	**7,881**	**1,054**

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
Aug 27	1,462,780	145,149	9%	0%	1%	87%	12%
Total	**1,462,780**	**145,149**	**9%**	**0%**	**1%**	**87%**	**12%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 6.7 and the average harvest rate per unit effort was 0.81%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	20,738	5.5%	7	0.79%
Aug 11	29,731	5.88%	7	0.84%
Aug 12	6,135	0.95%	1	0.95%
Aug 17	50,209	7.26%	9	0.81%
Aug 18	41,990	6.9%	8	0.86%
Aug 19	26,477	4.86%	8	0.61%
Total	**175,280**	**5.2%**	**40**	**0.13%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 7.8 and the average harvest rate per unit effort was 0.46%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 10	40,673	1.84%	7	0.26%
Aug 11	31,751	1.35%	7	0.19%
Aug 17	150,678	5.7%	9	0.63%
Aug 18	152,147	5.74%	8	0.72%
Aug 19	109,352	4.19%	8	0.52%
Total	484,601	3.88%	39	0.1%

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: Thursday August 28 to Thursday August 28

Effort: 10

Daily Catch Estimate

A total of 5 Fraser Sockeye release mortalities are predicted with an 80% prediction interval of 1 - 28. A total of 1222 Pinks are expected to be retained during this fishery with an 80% prediction interval of 181 - 10,081.

Date	Fraser Pinks	Fraser Sockeye	Early Stuart	Early Summer	Summer	Late
Aug 28	1,222	5	0	0	4	1
Total	**1,222**	**5**	**0**	**0**	**4**	**1**

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
Aug 28	200,808	112,906	36%	0%	1%	88%	12%
Total	**200,808**	**112,906**	**36%**	**0%**	**1%**	**88%**	**12%**

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.

*Pink abundances are estimated using 3-day test fishing projections.

Fraser Sockeye Catch History

The following table shows catch history for the current year. The average effort for this time period was 6.8 and the average harvest rate per unit effort was 0.06%.

Date	Fraser Sockeye	Harvest Rate	Effort	Harvest Rate/Effort
Aug 11	1,497	0.32%	8	0.04%
Aug 12	2,247	0.4%	8	0.05%
Aug 15	350	0.06%	1	0.06%
Aug 19	3,558	0.9%	10	0.09%
Total	**7,652**	**0.38%**	**27**	**0.01%**

Pink Catch History

The following table shows catch history for the current year. The average effort for this time period was 6.8 and the average harvest rate per unit effort was 0.12%.

Date	Fraser Pinks	Harvest Rate	Effort	Harvest Rate/Effort
Aug 11	1,694	0.42%	8	0.05%
Aug 12	2,399	0.57%	8	0.07%
Aug 15	984	0.22%	1	0.22%
Aug 19	6,666	1.55%	10	0.15%
Total	**11,743**	**0.69%**	**27**	**0.03%**

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	6,900,000	NA	11-Aug	NA
Late Run	No recommendation	1,050,000	NA	15-Aug	NA
Pink Salmon Run*	Recommendation	27,000,000	12,500,000	21-Aug	13-Aug

* Currently adopted estimates are based on preseason estimates

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	-0.56	1.27	NA	NA

File: 71007

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

FRP meeting: Friday, August 29, 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