File: 71007

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

FRP meeting: Tuesday, September 9, 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: Meeting time to discuss SEF proposals, relinquishment dates	5 min	Panel
☑	11)	Next FRP meeting and agenda	2 min	PSC staff/Panel
	12)	Next TC meeting: September 11		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

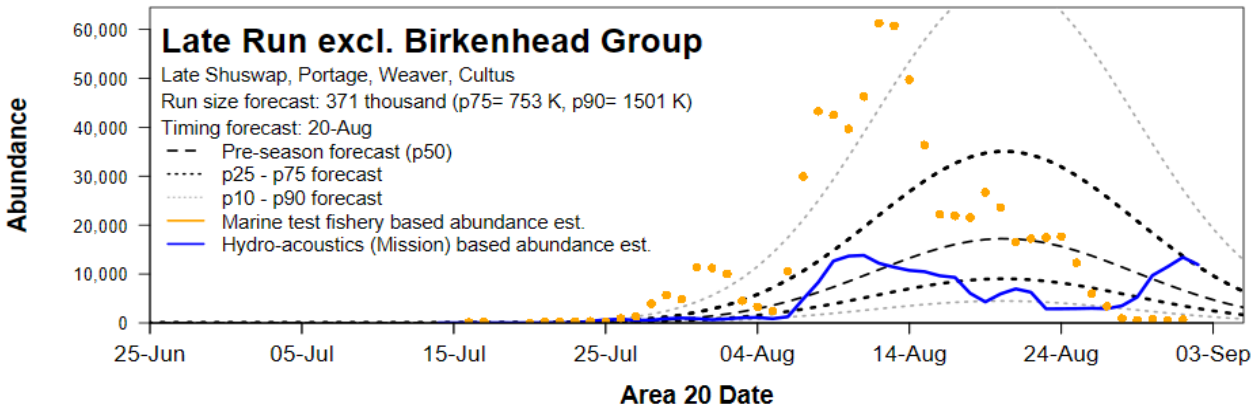
2025 Run status of Fraser sockeye and pink salmon

Date: Sep. 9, 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: Sep. 7 - Sep. 13, 2025	Sockeye					Pink
	Management Group				Total	Total
	E.Stuart	E.Summer	Summer	Late	Fraser	Fraser
Mission passage (incldes Pitt, Alouette, Coquitlam)	731,900	375,000	6,077,500	612,400	7,796,800	12,321,600
Catch downstream of Mission	3,900	35,100	781,700	117,700	938,400	1,198,700
Accounted Run To Date	735,800	410,100	6,859,200	730,100	8,735,200	13,520,300
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				Annual average to date	**45%**	**12%**
				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.*



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4b. Catch-to-date by fishery

2025 Catch-to-date by fishery

Date: Sep. 9, 2025

Week of: Sep. 7 - Sep. 13, 2025	Sockeye		Pink	
	Total	Fraser	Total	Fraser
Canada	**906,964**	**899,801**	**191,237**	**85,302**
Commercial	**160,098**	**159,438**	**59,587**	**28,015**
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	3,083	2,042
First Nations	**732,641**	**726,139**	**119,482**	**55,739**
Food, Social & Ceremonial (FSC)	661,685	655,183	97,710	33,967
Marine	242,837	236,530	84,339	20,596
Fraser R.	418,848	418,653	13,371	13,371
Economic Opportunity (EO) & Demonstration (Demo)	70,956	70,956	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)	**748**	**748**	**867**	**867**
Other****	**13,477**	**13,477**	**0**	**0**
United States	**304,108**	**303,969**	**1,434,774**	**1,118,881**
Commercial	**297,378**	**297,240**	**1,434,774**	**1,118,881**
Treaty Tribes (TRB)	217,950	217,935	821,945	617,741
All Citizen (AC)	79,428	79,305	612,829	501,139
Treaty Tribes Ceremonial & Subsistence (C&S)	**6,730**	**6,729**	**0**	**0**
All Citizen Recreational	**0**	**0**	**0**	**0**
Other****	**0**	**0**		
Alaska *	**na**	**na**	**na**	**na**
Panel-approved Test Fisheries	**33,704**	**32,941**	**20,385**	**13,986**
Panel Waters	**24,064**	**23,796**	**18,505**	**13,377**
Canada	23,320	23,066	17,693	13,096
U.S.	744	730	812	281
Non-Panel Waters**	**9,640**	**9,145**	**1,880**	**609**
Total	**1,244,776**	**1,236,712**	**1,646,396**	**1,218,169**
Catch Seaward of Mission ***	946,427	938,363	1,626,966	1,198,738
Catch Upstream of Mission	298,349	298,349	19,430	19,430

** 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. 9, 2025

Week of: Sep. 7 - Sep. 13, 2025	Sockeye releases		Release mortality	
	Total	Fraser	Total	Fraser
Canada	**6,717**	**6,708**	**1809**	**1,808**
Commercial	**266**	**266**	**27**	**27**
B Purse Seine	0	0	0	0
D Gillnet	0	0	0	0
E Gillnet	0	0	0	0
H Troll	266	266	27	27
First Nations ****	**6,009**	**6,009**	**1738**	**1,738**
Food, Social & Ceremonial (FSC)	6,005	6,005	1738	1,738
Marine	0	0	0	0
Fraser R.	6,005	6,005	1738	1,738
Economic Opportunity (EO) & Demons	4	4	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	**19,622**	**19,615**	**4,913**	**4,911**
Commercial	**19,622**	**19,615**	**4,913**	**4,911**
Treaty Tribes (TRB)	0	0	0	0
All Citizen (AC)	19,622	19,615	4,913	4,911
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	**289,393**	**277,147**	**28,420**	**27,737**
Panel Waters	**289,392**	**277,146**	**28,420**	**27,736**
Canada	283,696	277,146	28,391	27,736
U.S.	5,696	0	29	0
Non-Panel Waters	**1**	**1**	**1**	**1**
Total	**315,732**	**303,470**	**35,142**	**34,456**
Catch Seaward of Mission ***	309,646	297,384	33,586	32,899
Catch Upstream of Mission	3,582	3,582	1,559	1,559

** 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)			**5,320**	**2,300**	**24,000**	**2,600**	**34,220**		**15,000**
Surplus above Adjusted SET & Test fishing			0	89,700	1,586,000	0	1,675,700		6,485,000
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)			730,320	334,187	5,790,113	1,152,600	8,007,220		6,015,000
Available TAC for International Sharing			**0**	**65,813**	**1,209,887**	**0**	**1,275,700**		**6,485,000**
UNITED STATES (Washington) TAC									
Proportionally Distributed TAC **		16.5%	0	10,860	199,630	0	210,490	25.7%	1,666,650
U.S. Payback **		-0.2%	0	-120	-2,270	0	-2,390		0
Proportionally Distributed TAC + Payback			**0**	**10,740**	**197,360**	**0**	**208,100**		**1,666,650**
Treaty Tribes Share **		67.7%	0	7,230	132,880	0	140,110	50.0%	833,325
All Citizen Share		32.3%	0	3,510	64,480	0	67,990	50.0%	833,325
CANADA TAC									
Aboriginal Fishery Exemption (AFE)			0	23,887	376,113	0	400,000		0
Canadian TAC + AFE			**0**	**78,960**	**1,388,640**	**0**	**1,467,600**		**4,818,350**
CATCH-TO-DATE									
Test			**5,310**	**2,260**	**23,180**	**2,190**	**32,940**		**13,990**
Treaty Tribes (Wash.) / Ceremonial (TRB)			0	5,070	186,550	33,040	224,660		617,740
All Citizen (Wash.)			0	2,320	65,330	11,660	79,310		501,140
Other (Wash.)***			0	0	0	0	0		0
Washington			**0**	**7,390**	**251,880**	**44,700**	**303,970**		**1,118,880**
First Nations Catch (including AFE)			3,590	34,330	564,440	52,820	655,180		33,970
Planned Charter & Recreational Shares			60	30	590	73	748		1,550
Other***			3,390	1,690	8,380	20	13,480		0
Total Commercial (including FN EO/Demo****)			0	6,850	198,280	25,270	230,390		49,790
Canada			**7,040**	**42,900**	**771,690**	**78,180**	**899,800**		**85,300**
Total Catch in All Fisheries			**12,350**	**52,550**	**1,046,750**	**125,070**	**1,236,710**		**1,218,170**
Exploitation Rate (catch-to-date / run size)			1.7%	13.1%	15.0%	10.9%	13.3%		9.7%
Fisheries induced mortalities (Canada, U.S. & TF)			78	1,152	28,459	4,767	34,456		
Exploit. Rate with fishery-induced mortality included			1.7%	13.4%	15.4%	11.3%	13.7%		
CATCH REMAINING (BALANCE)									
Washington			**0**	**3,350**	**-54,520**	**-44,700**	**-95,870**		**547,770**
Canada			**-7,040**	**36,060**	**616,950**	**-78,180**	**567,790**		**4,733,050**
Balance Remaining [below share / -above share]			-7,040	39,410	562,430	-122,880	471,920		5,280,820

* 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

	Fraser River								
Area/Gear Location From A20	**A29-17 GN** Brownsville Bar (+5 days)	**A29-16 GN** Whonnock (+6 days)	**Whon CPUE** Estimate (+6 days)	GN Catch (+8 days)	**Qualark** Estimate[2]	Method[3]	**Mission Hydroacoustics** Estimate[4] (+6 days)	Method[5]	**Hells Gate** Estimates[6] (+10 days)
19-Aug	DNF	56	4.52	180	428,159	RB + LB	224,900	A1+M2+A2	*No Count*
20-Aug	DNF	178	14.24	173	251,950	RB + LB	167,000	A1+M2+A2	112,950
21-Aug	174	99	7.92	146	156,004	RB + LB	219,300	A1+M2+A2	*No Count*
22-Aug	237	189	15.12	117	82,227	RB + LB	363,400	A1+M2+A2	63,940
23-Aug	76	188	15.04	75	101,845	RB + LB	383,200	A1+M2+A2	23,370
24-Aug	103	144	11.52	113	205,338	RB + LB	360,900	A1+M2+A2	51,780
25-Aug	167	310	24.80	124	236,251	RB + LB	220,400	A1+M2+A2	*No Count*
26-Aug	85	104	8.32	119	273,686	RB + LB	246,300	A1+M2+A2	72,410
27-Aug	102	43	3.36	94	290,909	RB + LB	202,000	A1+M2+A2	*No Count*
28-Aug	125	16	1.25	103	448,523	RB + LB	51,700	CPUE-Wh-Avg	59,410
29-Aug	148	20	1.60	97	543,831	RB + LB	37,000	CPUE-Wh-Avg	31,870
30-Aug	83	20	1.60	63	529,888	RB + LB	59,800	CPUE-Wh-Avg	*No Count*
31-Aug	50	50	3.98	37	315,204	RB + LB	66,300	CPUE-Wh-Avg	*No Count*
1-Sep	82	34	2.58	42	294,818	RB + LB	59,600	CPUE-Wh-Avg	42,370
2-Sep	50	11	0.90	25	214,278	RB + LB	20,800	CPUE-Wh-Avg	15,610
3-Sep	42	11	0.88	32	159,683	RB + LB	20,400	CPUE-Wh-Avg	7,980
4-Sep	49	5	0.40	31	259,121	RB + LB	9,300	CPUE-Wh-Avg	6,170
5-Sep	46	10	0.81	6	120,338	RB + LB	18,700	CPUE-Wh-Avg	*No Count*
6-Sep	29	14	1.13	15	105,034	RB + LB	26,100	CPUE-Wh-Avg	*No Count*
7-Sep	15	8	0.64	11	97,083	RB + LB	14,800	CPUE-Wh-Avg	*No Count*
8-Sep	7	12	0.97				22,400	CPUE-Wh-Avg	2,060
9-Sep									
10-Sep									

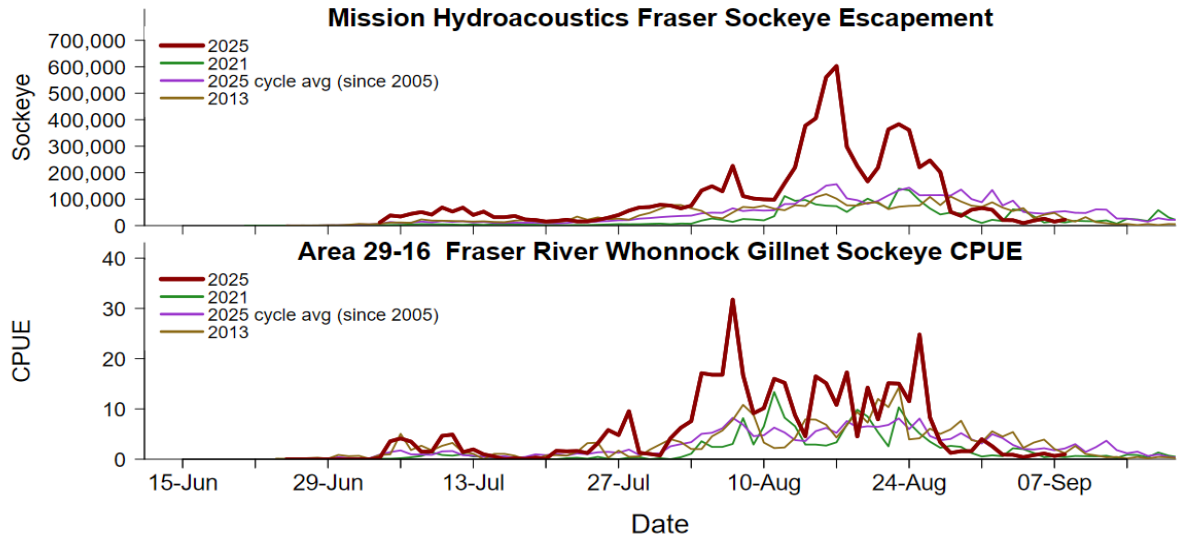
[2] Qualark escapement estimate - does not include Chilliwack, Pitt, Harrison, Birkenhead, Big Silver, Weaver, and Cultus.

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

[4] Mission escapement estimate - does not include Pitt

[5] Mission Source:
A1+M2+A2 = Left-bank ARIS (A1) + Mobile ARIS (M2) + Right-bank ARIS (A2)
CPUE-Wh-Avg = Whonnock CPUE * In-season expansion line (3-day average)

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



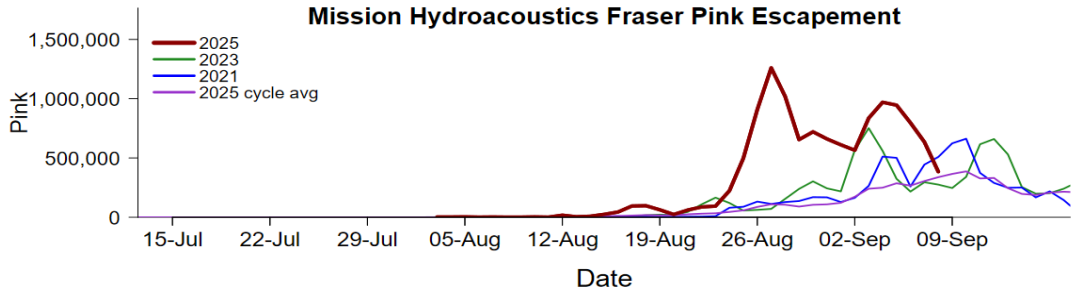
2025 Fraser Pink Test Fishing & Escapement Summary

	Fraser River								
				Qualark			Mission Hydroacoustics		Hell's Gate
Area/Gear	A29-17 GN	A29-16 GN	Whon CPUE						
Location	Brownsville Bar	Whonnock	Estimate	GN Catch	Estimate	Method[2]	Estimate	Method[3]	Estimates[4]
From A20									
19-Aug	DNF	6	0.48	11	26,165	RB + LB	62,720	CPUE-Wh-CC	*No Count*
20-Aug	DNF	12	0.96	22	32,040	RB + LB	23,230	CPUE-Wh-CC	200
21-Aug	44	14	1.12	26	27,781	RB + LB	60,680	CPUE-Wh-CC	*No Count*
22-Aug	59	22	1.76	24	16,867	RB + LB	86,720	CPUE-Wh-CC	1,210
23-Aug	48	23	1.84	9	12,221	RB + LB	93,810	CPUE-Wh-CC	3,950
24-Aug	242	50	4.00	23	41,794	RB + LB	223,610	CPUE-Wh-CC	5,390
25-Aug	416	543	43.44	62	118,125	RB + LB	498,230	CPUE-Wh-CC	*No Count*
26-Aug	360	277	22.16	30	68,997	RB + LB	907,890	CPUE-Wh-CC	18,890
27-Aug	193	121	9.53	37	114,507	RB + LB	1,259,710	CPUE-Wh-CC	*No Count*
28-Aug	267	50	3.97	62	269,985	RB + LB	1,019,000	A1+M2+A2	30,060
29-Aug	148	118	9.44	60	336,390	RB + LB	654,810	A1+M2+A2	55,790
30-Aug	301	114	9.12	27	227,095	RB + LB	720,580	A1+M2+A2	*No Count*
31-Aug	261	50	3.96	31	264,090	RB + LB	660,700	A1+M2+A2	*No Count*
1-Sep	187	57	4.31	25	175,487	RB + LB	610,910	A1+M2+A2	108,550
2-Sep	442	58	4.70	25	214,278	RB + LB	565,120	A1+M2+A2	130,530
3-Sep	210	168	13.44	51	254,495	RB + LB	835,930	A1+M2+A2	46,540
4-Sep	346	234	18.79	16	133,740	RB + LB	969,880	A1+M2+A2	45,220
5-Sep	226	193	15.50	13	260,733	RB + LB	945,540	A1+M2+A2	*No Count*
6-Sep	161	209	16.75	31	217,070	RB + LB	796,450	A1+M2+A2	*No Count*
7-Sep	118	154	12.33	22	194,166	RB + LB	634,740	A1+M2+A2	*No Count*
8-Sep	49	77	6.18				384,130	A1+M2+A2	26,760
9-Sep									
10-Sep									

[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
CPUE-Wh-CC = Catchability Correction Model
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

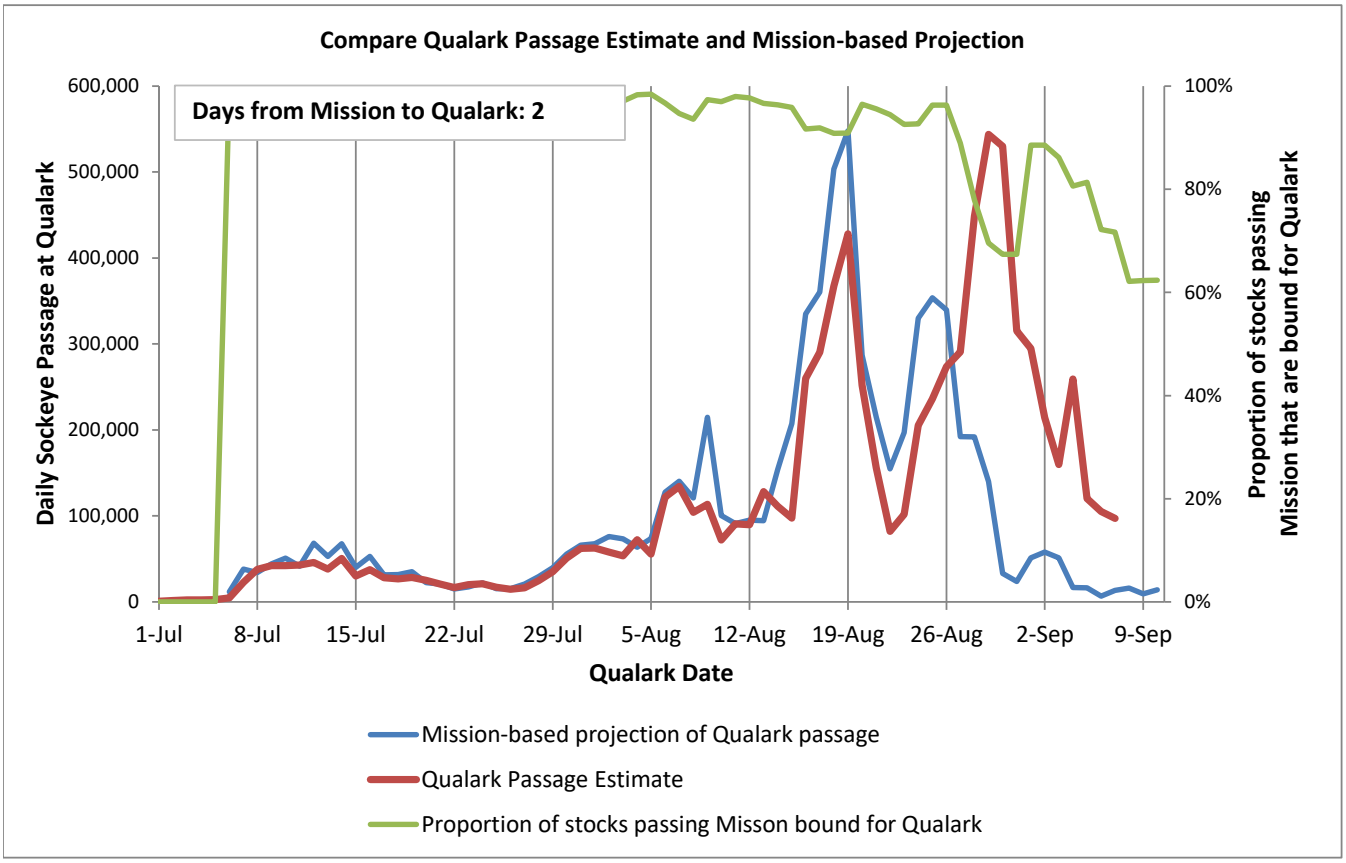


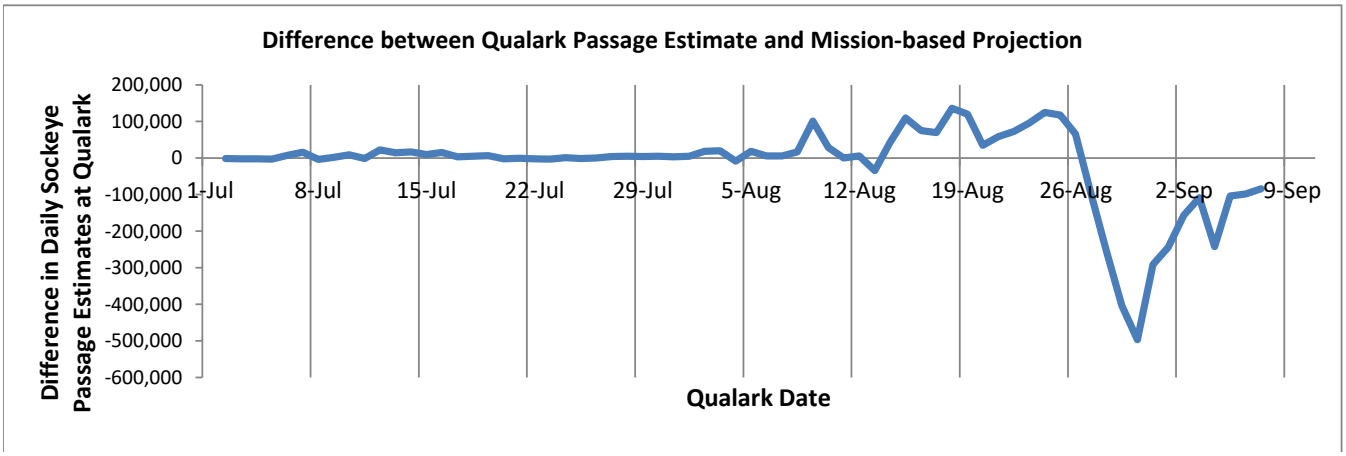
5b. Comparison of predictions from Mission to Qualark Year: **2025**

Date: 9-Sep-25

Time: 9:24 AM

	All Days	*Common Days
Mission projection	7,101,184	7,061,735
Qualark estimate	8,210,675	8,201,030
	Difference	**-1,139,295**
	%Difference	**(16%)**





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																					
Juan de Fuca Strait & Washington & Other																					
In-river																					
BB gn	tf	Sep1-2	DNA	99	100%	0%				0%	0%	2%	11%	58%	5%	76%	9%	10%	4%	23%	99%
BB gn	tf	Sep3-4	DNA	85	100%	0%			1%		1%	1%	10%	23%	8%	42%	12%	31%	13%	57%	97%
BB gn	tf	Sep5-6	DNA	70	99%	0%					0%	6%	1%	19%	3%	28%	7%	40%	25%	72%	95%
AB gn	tf	Sep5-6	DNA	23	100%	0%					0%	4%	4%	30%	4%	42%	4%	23%	31%	58%	95%

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							
A12 PS	TF	Aug19	DNA	97	58%	30%	12%
A12 PS	TF	Aug26	DNA	96	51%	30%	19%
A12		Sep10	Prediction	1	75%	17%	7%
Juan de Fuca Strait							
A20 PS	TF	Aug12	DNA	100	62%	31%	7%
A20 PS	TF	Aug21	DNA	96	42%	54%	4%
A20		Sep10	Prediction	1	78%	20%	2%
Washington							
A7 PS	CM	Aug18	DNA	96	86%	6%	9%
A7A PS	CM	Aug28	DNA	95	80%	13%	7%
A7		Sep10	Prediction	1	93%	5%	2%
A7A		Sep10	Prediction	1	93%	5%	2%

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

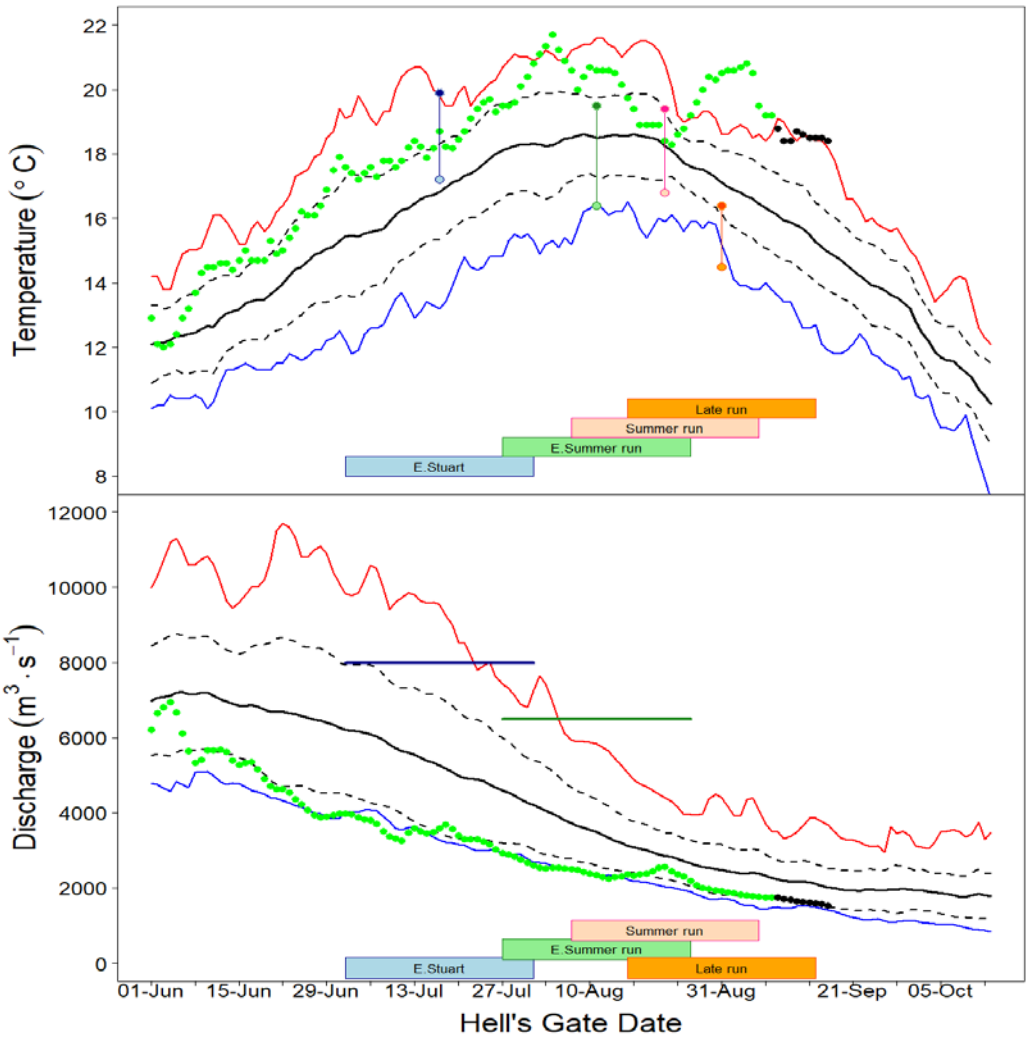
Fraser River Environmental Report for September 08, 2025

Observed Fraser River Temperature at Qualark for 08-Sep	19.2°C
Average (1991-2020) Historical Temperature on this day	16.2°C
Deviation from Average	3°C
Forecast Temperature for 14-Sep-25	18.5°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 08-Sep	1740 $m^3 \cdot s^{-1}$
Average (1991-2020) Historical Discharge on this day	2274 $m^3 \cdot s^{-1}$
% above or below Historical Discharge	-23%
Forecast Discharge for 14-Sep-25	1610 $m^3 \cdot s^{-1}$

The forecast in Kamloops and Prince George is for 2 mm and 15 mm of precipitation, respectively.



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 07-Sep	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
	Fraser River Mainstem				
1	Fraser River @ Qualark	**19.2**	**16.3**	**2.9**	**1991-2020**
2	Fraser River @ Texas Creek	**na**	**15.6**	**na**	**2006-2024**
3	Fraser River @ Marguerite	**17.6**	**15.1**	**2.5**	**2015-2024**
4	Upper Fraser @ Shelley	**na**	**12.5**	**na**	**1994-2024**
	Fraser River Tributaries				
5	Thompson R. @ Ashcroft	**20.0**	**17.6**	**2.4**	**1995-2024**
6	South Thompson @ Chase	**21.3**	**18.5**	**2.8**	**1994-2024**
7	North Thompson @ McLure	**16.9**	**14.1**	**2.8**	**2006-2023**
8	Quesnel R. @ Quesnel	**17.8**	**15.8**	**2.0**	**2000-2024**
9	Nechako R. @ Isle Pierre	**18.7**	**15.9**	**2.8**	**2006-2024**
10	Stuart R. @ Ft. St. James	**18.6**	**15.5**	**3.1**	**2000-2024**

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**	● **9,206,000**	***8,736,000***	***9,427,000***	**Sum**	**8,735,000**	**7,000**	**1,000**	**464,000**		**14-Aug**	**10-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**	✓ **6,866,000**	***6,860,000***	***6,883,000***	**Sum**	**6,859,000**	**7,000**	**1,000**	**0**	**11-Aug**	**15-Aug**	**11-Aug**	***11-Aug***	***11-Aug***	**Recon**
Harrison / Widgeon		46,000	✓ 83,000	*83,000*	*83,000*	Recon	83,000	0	0	0		09-Aug	10-Aug	*10-Aug*	*10-Aug*	Recon
Late Stuart / Stellako		889,000	✓ 2,010,000	*2,010,000*	*2,010,000*	Recon	2,010,000	0	0	0		14-Aug	09-Aug	*09-Aug*	*09-Aug*	Recon
Chilko		928,000	✓ 4,052,000	*4,046,000*	*4,069,000*	Recon(2)	4,044,000	7,000	1,000	0		14-Aug	12-Aug	*12-Aug*	*12-Aug*	Recon(2)
Quesnel		260,000	✓ 504,000	*504,000*	*504,000*	Recon	504,000	0	0	0		18-Aug	13-Aug	*13-Aug*	*13-Aug*	Recon
Raft / North Thompson		14,000	✓ 217,000	*217,000*	*217,000*	Recon	217,000	0	0	0		23-Aug	13-Aug	*13-Aug*	*13-Aug*	Recon
Late Run	**1,150,000**	**468,000**	▲ **1,194,000**	***730,000***	***1,398,000***	**Recon**	**730,000**	**0**	**0**	**464,000**	**14-Aug**	**20-Aug**	**13-Aug**	***10-Aug***	***15-Aug***	**Recon**
Birkenhead Group		97,000	✓ 501,000	*501,000*	*501,000*	Recon	501,000	0	0	0		21-Aug	15-Aug	*15-Aug*	*15-Aug*	Recon
L.Shuswap / Weaver Gr.		371,000	◇ 693,000	*229,000*	*897,000*	Recon	229,000	0	0	464,000		20-Aug	13-Aug	*10-Aug*	*16-Aug*	Marine N
Fraser Pink salmon	**12,500,000**	**26,965,000**	◇ **13,575,000**	**13,517,000**	**13,725,000**	**Recon(2)**	**13,502,000**	**62,000**	**10,000**	**0**	**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
Marine N	Reconstruction of CPUE-based marine abundances

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

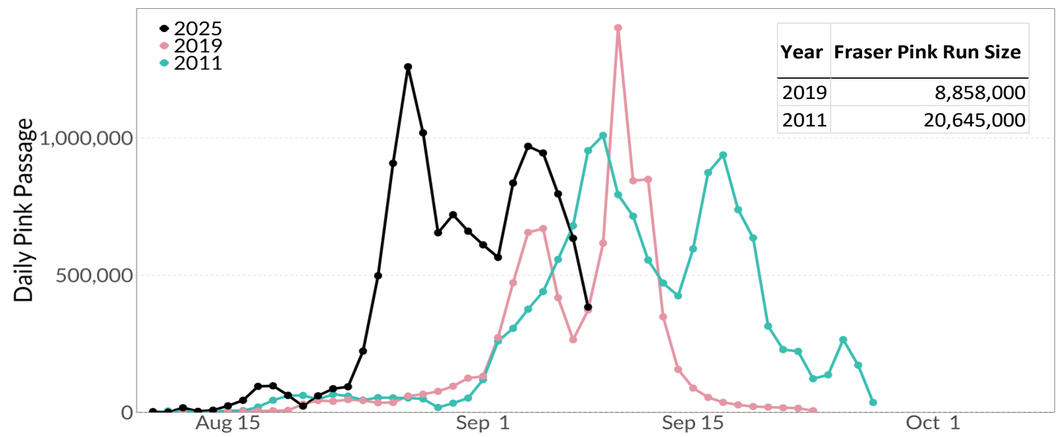
▲ ≥ 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 35%. Decent indciation of run size.

◇ < 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



Year	Fraser Pink Run Size
2019	8,858,000
2011	20,645,000

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

Fraser River Panel Regulatory Control Periods for 2025

Canada

Area/Gear	Period Closed Unless Opened by the FRP
	(Extend from a Sunday through a Saturday, both dates inclusive)
20-1, 3 and 4 net	June 29 - September 20
20-1, 3 and 4 troll	June 29 - September 20
17, 18 net	June 29 - September 27
18-1, 4 and 11 troll	June 29 - September 27
29 net	June 29 – October 11
29 troll	June 29 – October 11

United States

Note: the periods of regulatory control are the same for U.S. Tribal and All Citizen Fisheries

Area/Gear	Period Closed Unless Opened by the FRP
	(Extend from a Sunday through a Saturday, both dates inclusive)
4B, 5, 6C drift gillnet or purse seine	June 29 - September 20
6, 6A, 7 and 7A net	June 29 - September 27
7A net lying westerly of a straight line drawn from the low water range marker in Boundary Bay on the International Boundary through the east tip of Point Roberts in the State of Washington to the East Point Light on Saturna Island in the Province of British Columbia	September 28 - October 4

Commented [FM1]: Early relinquishment of Sept 7, 2025

File: 71007

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

FRP meeting: Friday, September 12, 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