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

FRP meeting: Tuesday, July 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		
☐		h) Catch evaluation		
	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		
	8)	**Fisheries recommendations**		
		a) Canadian and U.S. proposals		Panel
		b) Staff evaluation		PSC staff
		c) Canadian and U.S. evaluation		Panel
		d) Panel decision		
☐	9)	Assessments from other areas	5 min	PSC staff
☑	10)	Other business:	5 min	Panel
☑	11)	Next FRP meeting and agenda	2 min	PSC staff/Panel
	12)	Next TC meeting: July 31		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

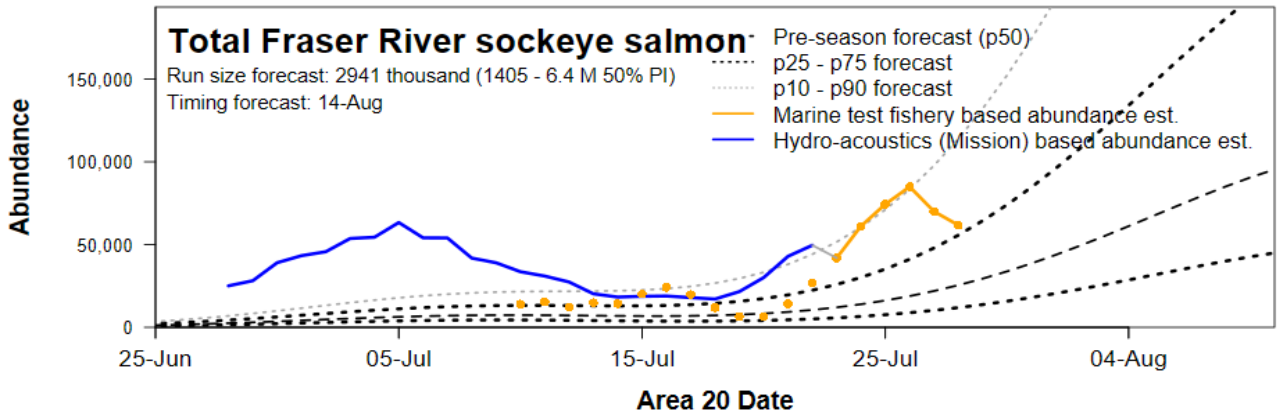
2025 Run status of Fraser sockeye and pink salmon

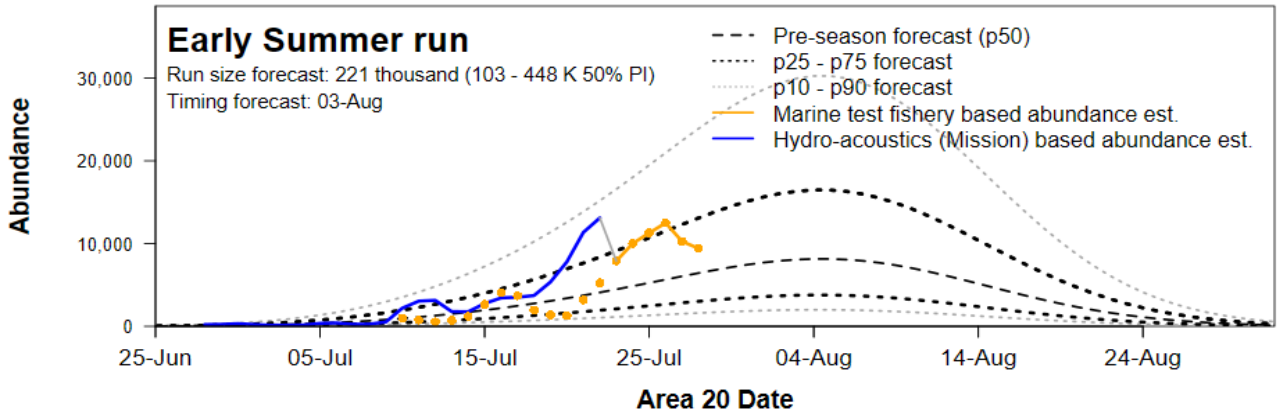
Date: Jul. 29, 2025

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: Jul. 27 - Aug. 2, 2025	Sockeye				
	Management Group				Total
	E.Stuart	E.Summer	Summer	Late	Fraser
Mission passage (incldes Pitt, Alouette, Coquitlam)	734,400	66,300	81,300	500	882,500
Catch downstream of Mission	3,900	800	1,900	0	6,600
Accounted Run To Date	738,300	67,100	83,200	500	889,100
Run size adopted in-season [1]	**725,000**	**na**	**na**	**na**	**na**
Run size forecasted pre-season	116,000	221,000	2,136,000	468,000	2,941,000
Area 20 timing adopted in-season	**6-Jul**	**na**	**na**	**na**	**na**
Area 20 timing expected pre-season	8-Jul	3-Aug	15-Aug	20-Aug	14-Aug
Johnstone Str. Diversion Rate				In-season 5-day average	**43%**
				Preseason forecast of annual rate:	64%

[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: Jul. 29, 2025

Week of: Jul. 27 - Aug. 2, 2025	Sockeye		Pink	
	Total	Fraser	Total	Fraser
Canada	**774**	**774**	**296**	**0**
Commercial	**0**	**0**	**0**	**0**
B Purse Seine	0	0	0	0
H Troll	0	0	0	0
First Nations	**0**	**0**	**0**	**0**
Food, Social & Ceremonial (FSC)	0	0	0	0
Marine	0	0	0	0
Fraser R.	0	0	0	0
Economic Opportunity (EO) & Demonstration (Demo)	0	0	0	0
Single Stock FSC (SS FSC)	**0**	**0**	**0**	**0**
Recreational	**0**	**0**	**296**	**0**
Charter (Albion & A12 Chum test fishery)	**65**	**65**	**0**	**0**
Other****	**709**	**709**	**0**	**0**
United States	**0**	**0**	**0**	**0**
Commercial	**0**	**0**	**0**	**0**
Treaty Tribes (TRB)	0	0	0	0
All Citizen (AC)	0	0	0	0
Treaty Tribes Ceremonial & Subsistence (C&S)	**0**	**0**	**0**	**0**
All Citizen Recreational	**0**	**0**	**0**	**0**
Other****	**0**	**0**		
Alaska *	**na**	**na**	**na**	**na**
Panel-approved Test Fisheries	**8,695**	**8,126**	**1,084**	**51**
Panel Waters	**6,029**	**5,845**	**355**	**16**
Canada	6,029	5,845	355	16
U.S.	0	0	0	0
Non-Panel Waters**	**2,666**	**2,281**	**729**	**35**
Total	**9,469**	**8,900**	**1,380**	**51**
Catch Seaward of Mission ***	7,219	6,650	1,380	51
Catch Upstream of Mission	2,250	2,250	0	0

** 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: Jul. 29, 2025

Week of: Jul. 27 - Aug. 2, 2025	Sockeye releases		Release mortality	
	Total	Fraser	Total	Fraser
Canada	**829**	**829**	**0**	**0**
Commercial	**0**	**0**	**0**	**0**
B Purse Seine	0	0	0	0
H Troll	0	0	0	0
First Nations ****	**828**	**828**	**0**	**0**
Food, Social & Ceremonial (FSC)	828	828	0	0
Marine	0	0	0	0
Fraser R.	828	828	0	0
Economic Opportunity (EO) & Demon	0	0	0	0
Single Stock FSC (SS FSC)	**0**	**0**	**0**	**0**
Recreational	**0**	**0**	**0**	**0**
Charter (Albion & A12 Chum test fishery)	**0**	**0**	**0**	**0**
Other**	**1**	**1**	**0**	**0**
United States	**0**	**0**	**0**	**0**
Commercial	**0**	**0**	**0**	**0**
Treaty Tribes (TRB)	0	0	0	0
All Citizen (AC)	0	0	0	0
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	**15,496**	**14,363**	**1560**	**1,447**
Panel Waters	**15,496**	**14,363**	**1560**	**1,447**
Canada	15,496	14,363	1560	1,447
U.S.	0	0	0	0
Non-Panel Waters	**0**	**0**	**0**	**0**
Total	**16,325**	**15,191**	**1561**	**1,447**
Catch Seaward of Mission ***	15,496	14,363	1560	1,447
Catch Upstream of Mission	829	829	0	0

** 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 July 29 only dipnet releases in a sanctioned Chinook fishery*

5a_Test Fishing & Escapement Summary_Sockeye

2025 Fraser Sockeye Test Fishing & Escapement Summary

	Johnstone Strait		Juan de Fuca Strait		Fraser River								
Area/Gear Location From A20	A12 GN Round Is (-2 days)	A12 PS Blinkhorn (-1 day)	A20 GN* Port Renfrew (0 days)	A20 PS Port Renfrew (0 days)	A29-17 GN Brownsville Bar (+5 days)	A29-16 GN Whonnock (+6 days)	Whon CPUE Estimate (+6 days)	GN Catch (+8 days)	Qualark Estimate[1]	Method[2]	Mission Hydroacoustics Estimate[3] (+6 days)	Method[4]	Hells Gate Estimates[5] (+10 days)
8-Jul	40					17	1.48	98	37,945	RB + LB	51,100	A1+M2+A2	20,110
9-Jul	18					16	1.50	91	42,111	RB + LB	41,500	A1+M2+A2	28,600
10-Jul	69		302		207	58	4.65	128	42,275	RB + LB	68,300	A1+M2+A2	26,210
11-Jul	8		100		304	64	4.90	110	42,915	RB + LB	53,100	A1+M2+A2	*No Count*
12-Jul	26		254		312	16	1.39	73	46,027	RB + LB	67,900	A1+M2+A2	22,840
13-Jul	35		113		270	23	1.95	82	38,264	RB + LB	40,300	A1+M2+A2	24,130
14-Jul	59		277		57	10	0.96	93	50,490	RB + LB	52,900	A1+M2+A2	33,200
15-Jul	24		281		65	6	0.56	103	30,088	RB + LB	31,600	A1+M2+A2	43,470
16-Jul	25		343		78	0	0.00	42	37,669	RB + LB	31,700	A1+M2+A2	44,400
17-Jul	30		260		100	2	0.19	91	27,985	RB + LB	36,300	A1+M2+A2	25,250
18-Jul	18		25		101	1	0.09	71	26,893	RB + LB	23,300	A1+M2+A2	8,830
19-Jul	9		68		15	4	0.34	52	28,410	RB + LB	21,100	A1+M2+A2	*No Count*
20-Jul	30		99		28	1	0.09	52	24,965	RB + LB	15,200	A1+M2+A2	*No Count*
21-Jul	51		5		33	18	1.66	61	20,922	RB + LB	17,500	A1+M2+A2	21,480
22-Jul	40		182		17	17	1.56	57	16,765	RB + LB	22,200	A1+M2+A2	15,390
23-Jul	43		72		24	18	1.63	61	20,134	RB + LB	15,600	A1+M2+A2	11,990
24-Jul	26	850 (5 sets)	72		29	13	1.22	69	21,005	RB + LB	14,900	A1+M2+A2	16,040
25-Jul	26	35 (5 sets)	24	1,612	86	36	3.18	48	17,172	RB + LB	20,000	A1+M2+A2	9,180
26-Jul	35	1,180	156	1,624	105	71	5.81	34	14,801	RB + LB	28,700	A1+M2+A2	2,920
27-Jul	32	1,159	36	1,252	125	58	4.80	30	16,386	RB + LB	39,500	A1+M2+A2	430
28-Jul	15	8,530	24	142 (5 sets)	112	120	9.55	53			57,000	A1+M2+A2	570
29-Jul													
30-Jul													

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

[2] Qualark source:

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

[3] Mission escapement estimate - does not include Pitt

[4] *Mission Source:*

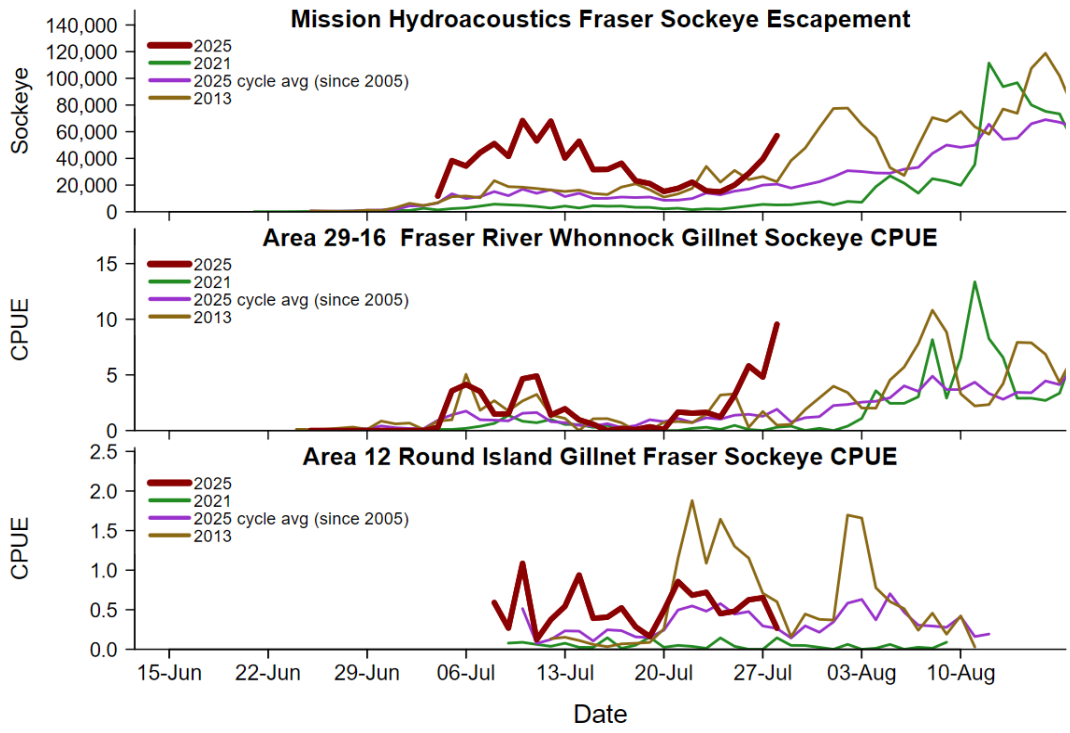
A1+M2 = Left bank ARIS (A1) + Mobile ARIS (M2)

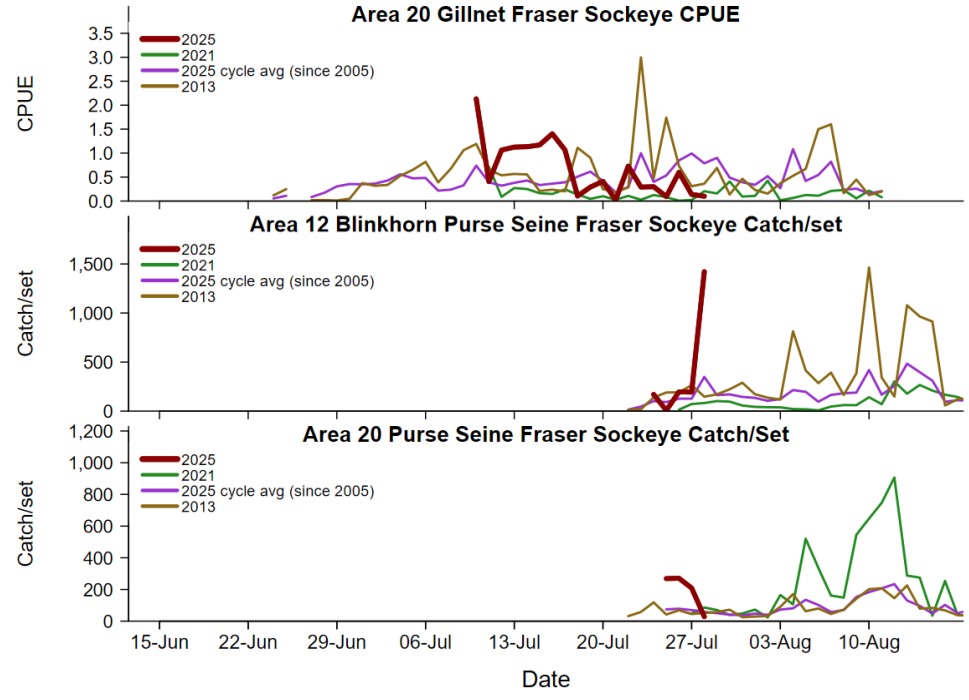
A1+M2+A2 = Left bank ARIS (A1) + Mobile ARIS (M2) + Right bank ARIS (A2)

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

* Two vessels fishing

5a Test Fishing & Escapement Summary Sockeye





5a_Test Fishing & Escapement Summary_Pinks

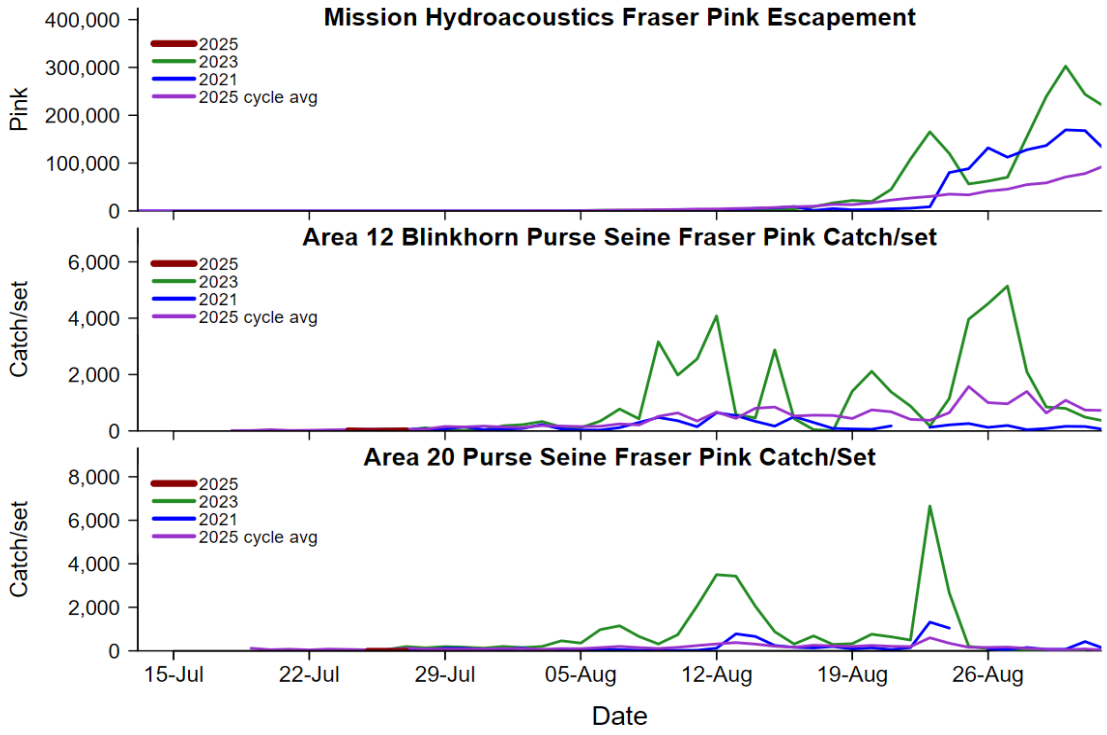
2025 Fraser Pink Test Fishing & Escapement Summary

	Johnstone Strait		Juan de Fuca Strait		Fraser River								
								Qualark			Mission Hydroacoustics		Hell's Gate
Area/Gear	A12 GN	A12 PS	A20 GN *	A20 PS	A29-17 GN	A29-16 GN	Whon CPUE						
Location	Round Is	Blinkhorn	Port Renfrew	Port Renfrew	Brownsville Bar	Whonnock	Estimate	GN Catch	Estimate	Method[1]	Estimate	Method[2]	Estimates[3]
From A20	(-2 days)	(- 2 days)	(0 days)	(0 days)									
8-Jul	5					0	0.00	0	0	RB+LB	0	A1+M2+A2	0
9-Jul	4					0	0.00	0	0	RB+LB	0	A1+M2+A2	0
10-Jul	11		5		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
11-Jul	2		8		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	No Count
12-Jul	10		18		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
13-Jul	9		10		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
14-Jul	8		12		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
15-Jul	7		27		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
16-Jul	3		38		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
17-Jul	12		48		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
18-Jul	10		5		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
19-Jul	3		53		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	No Count
20-Jul	28		14		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	No Count
21-Jul	36		0		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
22-Jul	16		19		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
23-Jul	16		9		0	0	0.00	0	0	RB+LB	0	A1+M2+A2	0
24-Jul	39	2492 (5 sets)	18		0	0	0.00	0	0	RB + LB	0	A1+M2+A2	0
25-Jul	21	92 (5 sets)	10	257	0	0	0.00	0	0	RB + LB	0	A1+M2+A2	0
26-Jul	3	1,014	24	86	0	0	0.00	0	0	RB + LB	0	A1+M2+A2	0
27-Jul	31	1,923	27	117	0	0	0.00	0	0	RB + LB	0	A1+M2+A2	4,380
28-Jul	20	4,890	14 (5 sets)	309	0	0	0.00	0			0	A1+M2+A2	7,480
29-Jul													
30-Jul													

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

[2] Mission source:
A1+M2 = Left bank ARIS (A1) + Mobile ARIS (M2)
A1+M2+A2 = Left bank ARIS (A1) + Mobile ARIS (M2) + Right bank ARIS (A2)

[3] Daily Hells Gate abundance estimate; actual daily count has been expanded.
* Two vessels fishing



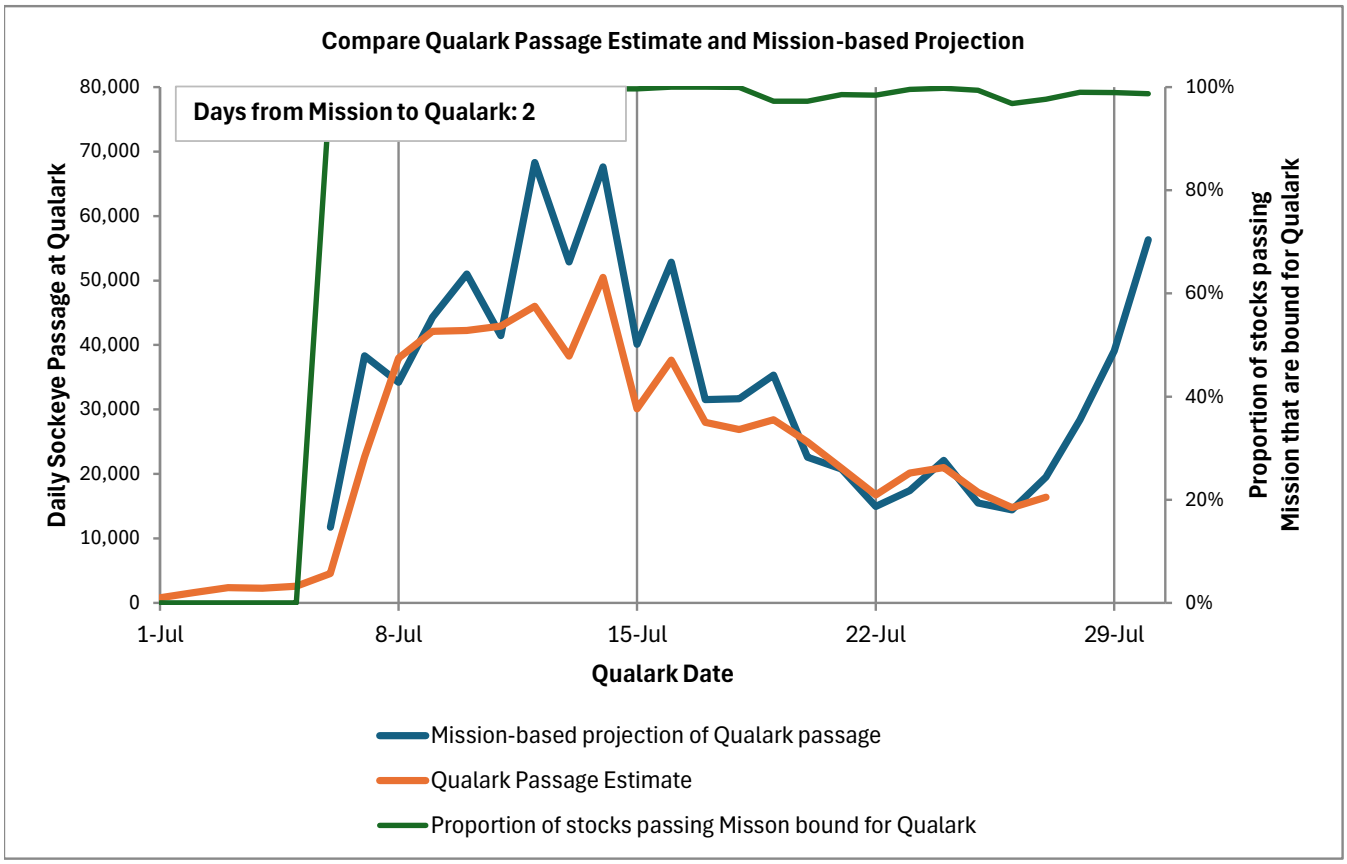
5b. Comparison of predictions from Mission to Qualark

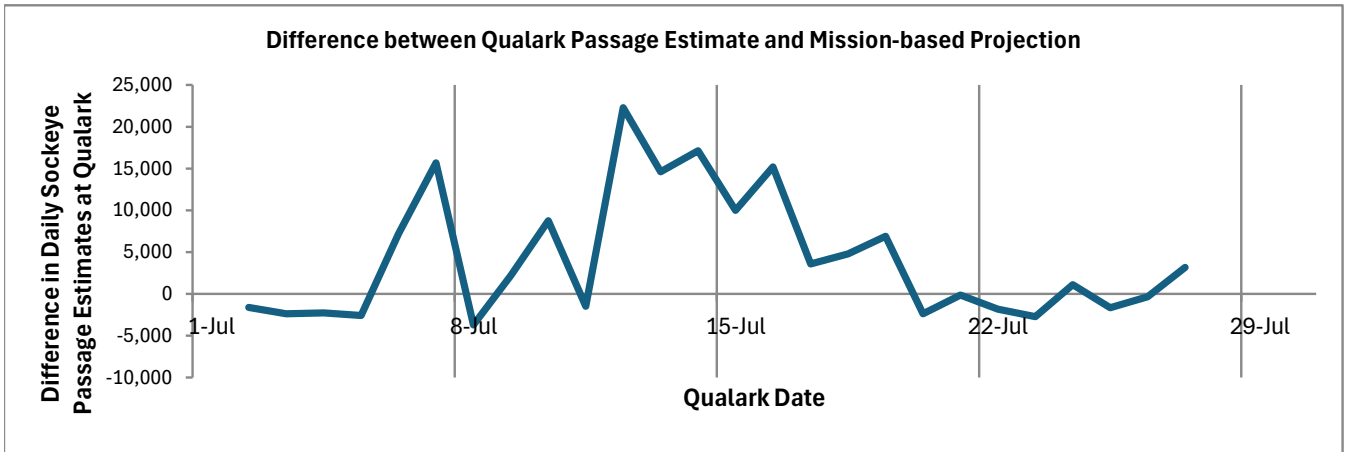
Year: **2025**

Date: 29-Jul-25

Time: 10:24 AM

	All Days	*Common Days
Mission projection	872,528	748,714
Qualark estimate	640,052	630,408
	Difference	**118,306**
	%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																					
A12 gn	tf	Jul19-21	DNA	90	59%	**14%**		4%	7%	2%	**13%**	5%	39%	29%		**73%**				**0%**	96%
A12 ps	tf	Jul 24	DNA	99	89%	**5%**			5%	4%	**9%**	2%	52%	30%	2%	**86%**				**0%**	95%
A12 gn	tf	Jul24-25	DNA	52	65%	**0%**		4%	9%	5%	**18%**		23%	60%		**82%**				**0%**	NA
A12 gnps		Jul 31	Prediction	1	100%	**1%**		0%	5%	5%	**11%**	1%	35%	51%	1%	**87%**	1%		1%	**1%**	NA
Juan de Fuca Strait & Washington & Other																					
A20 gn	tf	Jul 22	DNA	99	98%	**26%**		2%	20%	6%	**29%**		28%	15%		**43%**		3%		**3%**	93%
A20 gn	tf	Jul 26	DNA	99	100%	**1%**		2%	7%	4%	**13%**		51%	32%	1%	**83%**	2%			**2%**	95%
A20 ps	tf	Jul 27	DNA	100	94%	**0%**		1%	6%	12%	**19%**	6%	42%	26%	1%	**75%**	4%	2%	1%	**6%**	92%
A20 gnps		Jul 31	Prediction	1	97%	**0%**		1%	4%	6%	**11%**	3%	37%	44%	2%	**86%**	2%	1%	0%	**3%**	NA
In-river																					
BB gn	tf	Jul 24	DNA	29	100%	**64%**			24%		**24%**		9%	3%		**12%**				**0%**	95%
BB gn	tf	Jul25-26	DNA	100	100%	**30%**	1%		26%	1%	**28%**	1%	27%	13%		**41%**				**0%**	99%
AB gn	tf	Jul24-25	DNA	48	100%	**37%**			23%	4%	**27%**	6%	12%	17%		**36%**				**0%**	NA
AB gn	tf	Jul26-27	DNA	100	100%	**22%**	1%	1%	14%	7%	**23%**		34%	21%		**55%**				**0%**	NA

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

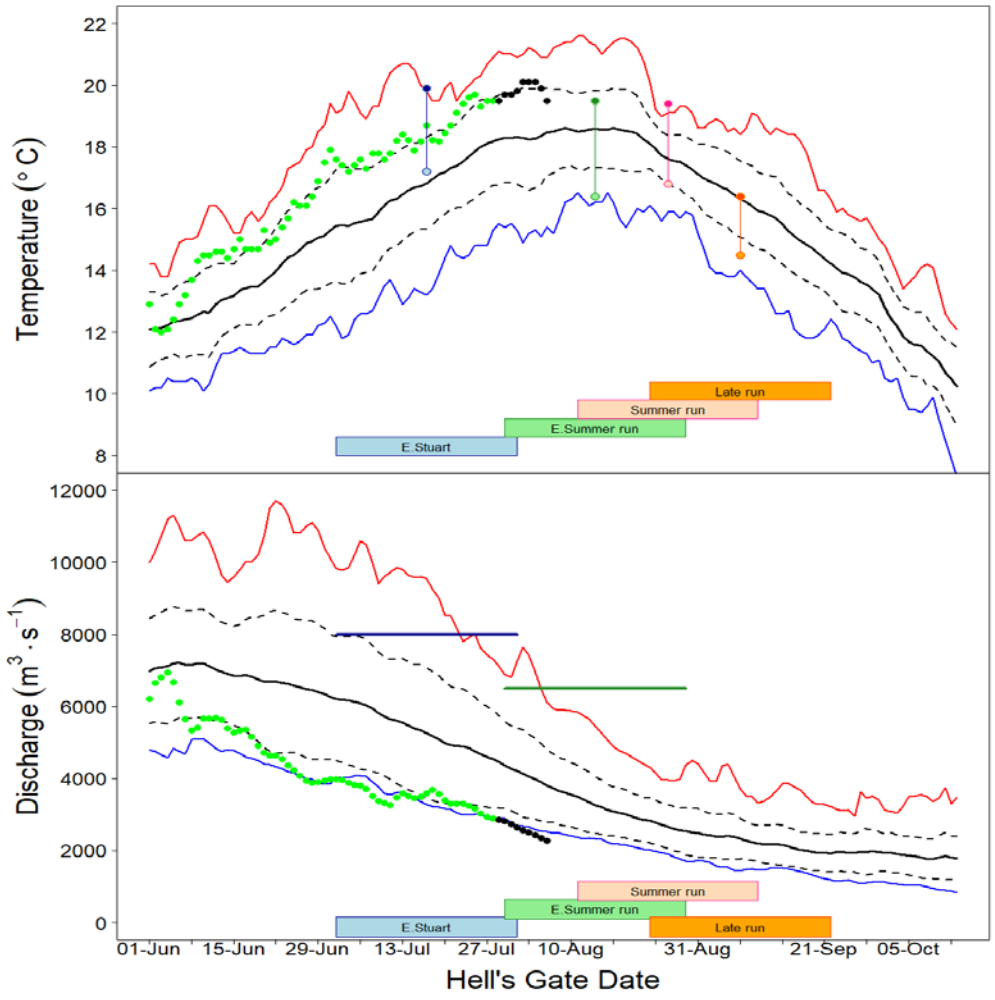
Fraser River Environmental Report for July 28, 2025

Observed Fraser River Temperature at Qualark for 28-Jul	19.5°C
Average (1991-2020) Historical Temperature on this day	18.2°C
Deviation from Average	1.3°C
Forecast Temperature for 03-Aug-25	20.1°C

The forecast in Kamloops and Prince George is for variable temperature through the forecast period.

Observed Fraser River Discharge at Hope for 28-Jul	2889 $m^3 \cdot s^{-1}$
Average (1991-2020) Historical Discharge on this day	4538 $m^3 \cdot s^{-1}$
% above or below Historical Discharge	-36%
Forecast Discharge for 03-Aug-25	2494 $m^3 \cdot s^{-1}$

The forecast in Kamloops and Prince George is for 6 mm and 15 mm 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**

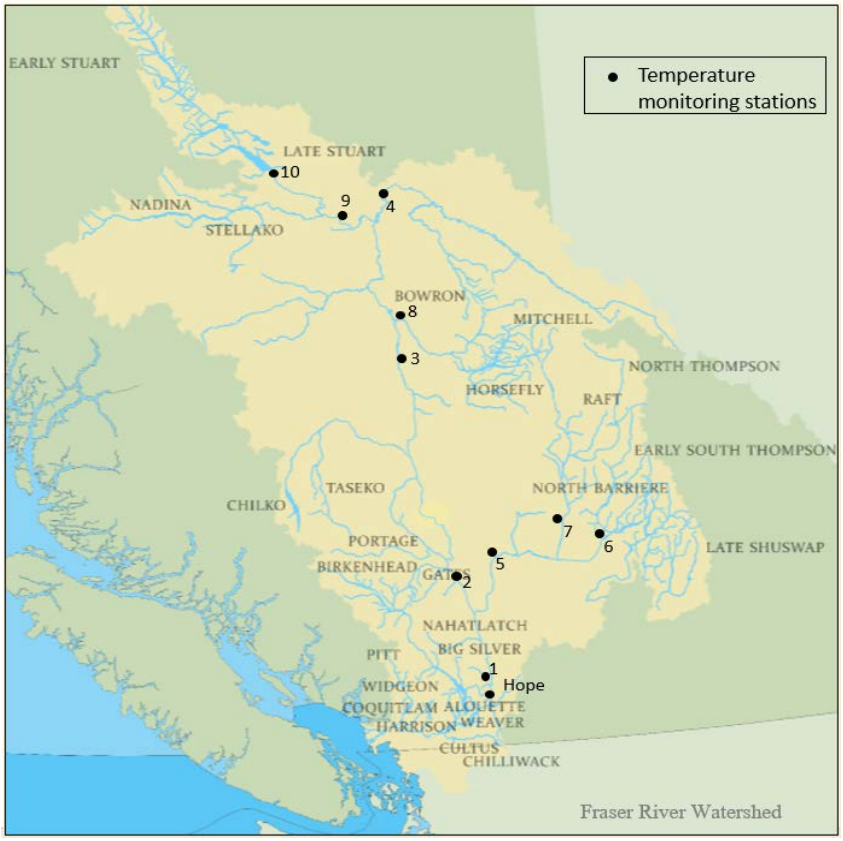
Discharge Legend

- 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]

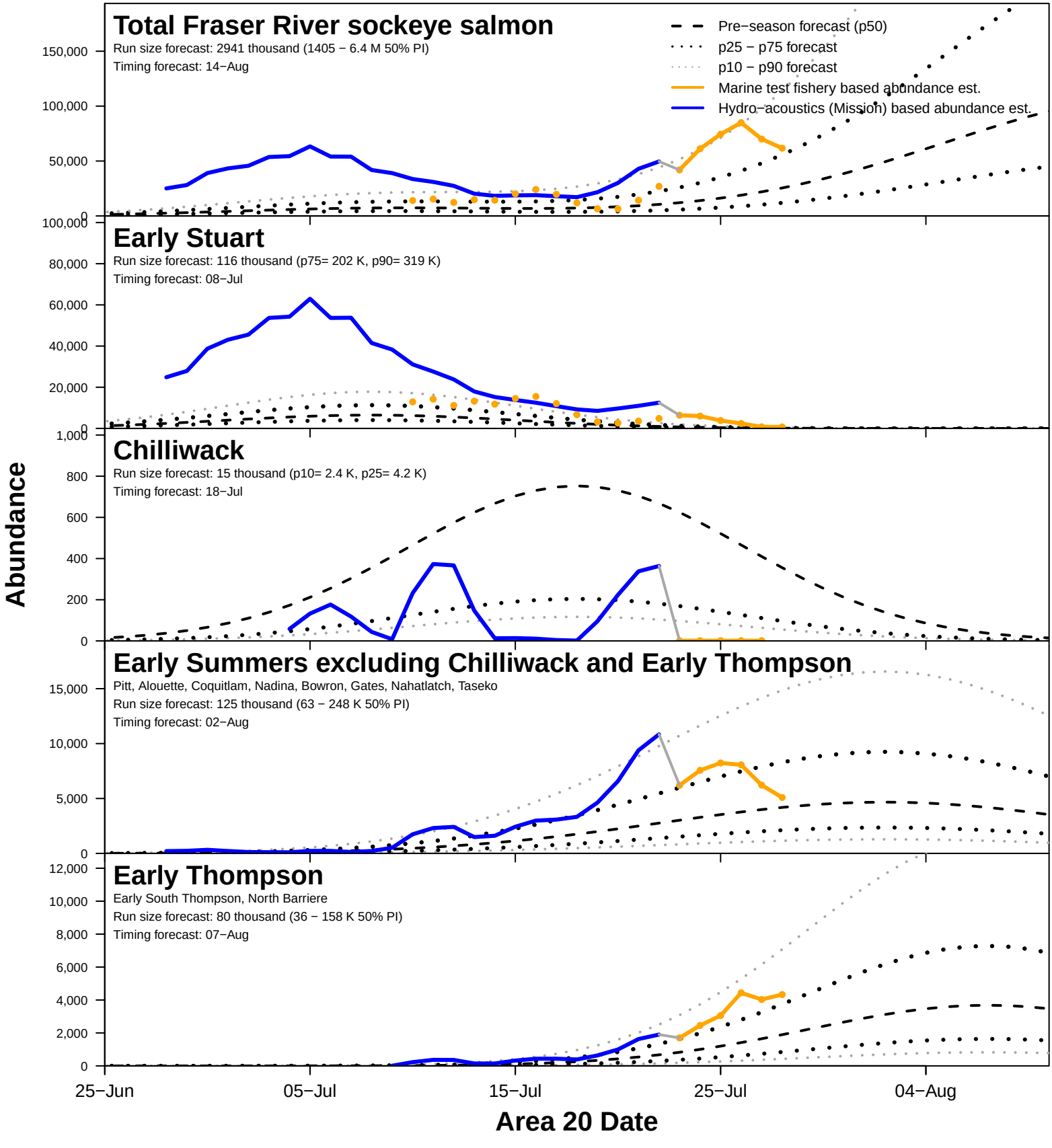
Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run.'pMA is the proportional increase to spawning escapement targets to help ensure targets 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 27-Jul	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
	Fraser River Mainstem				
1	Fraser River @ Qualark	**19.5**	**18.1**	**1.4**	**1991-2020**
2	Fraser River @ Texas Creek	**na**	**17.8**	**na**	**2006-2024**
3	Fraser River @ Marguerite	**18.2**	**17.3**	**0.9**	**2015-2024**
4	Upper Fraser @ Shelley	**15.8**	**15.0**	**0.8**	**1994-2024**
	Fraser River Tributaries				
5	Thompson R. @ Ashcroft	**19.0**	**17.3**	**1.7**	**1995-2024**
6	South Thompson @ Chase	**20.7**	**18.9**	**1.8**	**1994-2024**
7	North Thompson @ McLure	**15.9**	**15.1**	**0.8**	**2006-2023**
8	Quesnel R. @ Quesnel	**15.4**	**15.4**	**0.0**	**2000-2024**
9	Nechako R. @ Isle Pierre	**18.9**	**18.9**	**0.0**	**2006-2024**
10	Stuart R. @ Ft. St. James	**19.6**	**18.6**	**1.0**	**2000-2024**

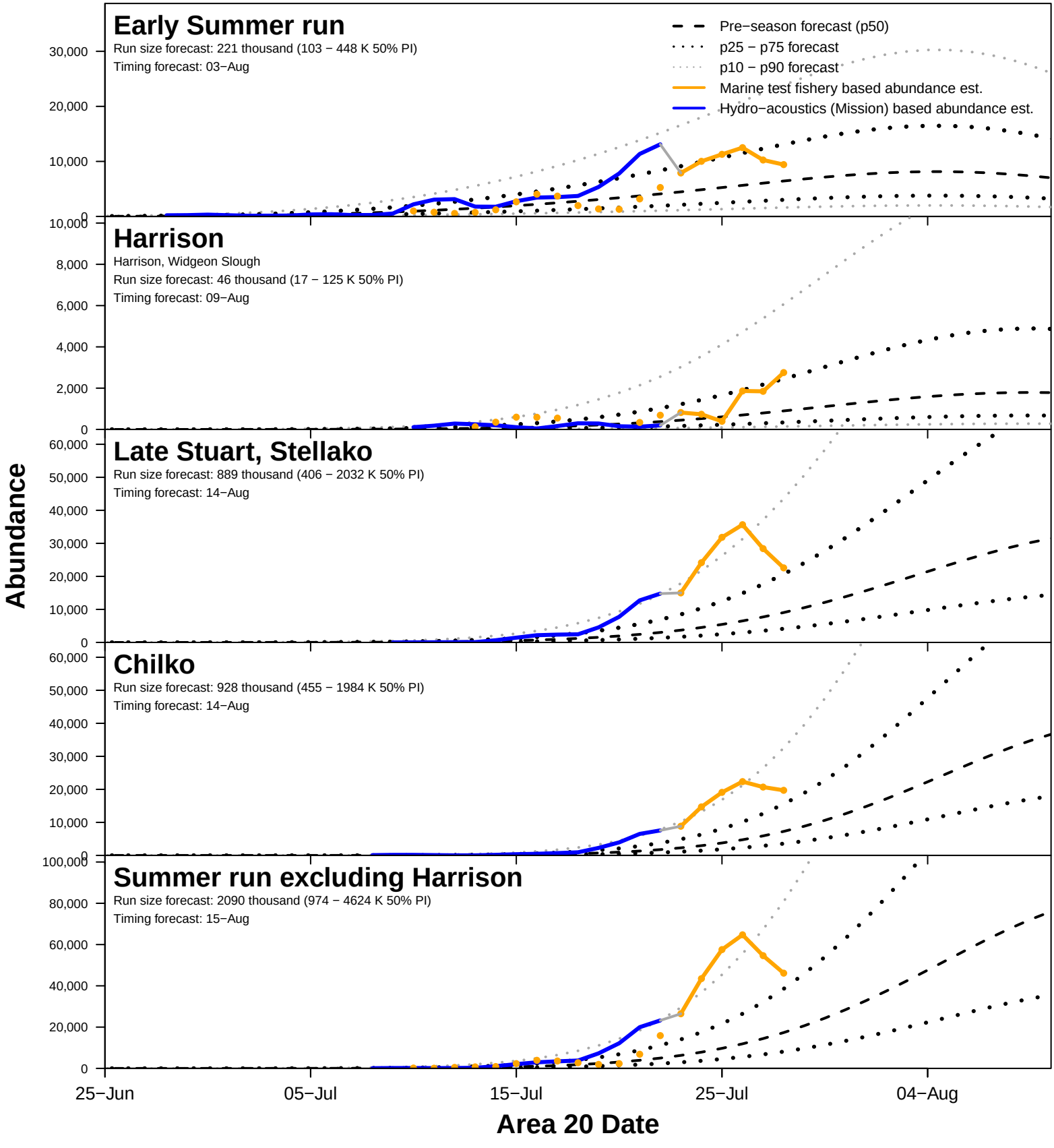


6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−07−29, Time: 10:34 DB

6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−07−29, Time: 10:34 DB

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

Current date: 29-Jul

Area 20 date / Mission date	Escapement past Mission through 28-Jul	Projected abundance en route to Mission based on marine test fishery data[1,2] 23-Jul / 29-Jul	24-Jul / 30-Jul	25-Jul / 31-Jul	26-Jul / 01-Aug	27-Jul / 02-Aug	28-Jul / 03-Aug	Total	80% PI[3] 10p	80% PI[3] 90p	Escapement + projections through 03-Aug
Total Fraser	**882,500**	**46,500**	**47,700**	**88,400**	**86,200**	**79,300**	**43,600**	**391,700**	**229,200**	**614,800**	**1,274,200**
Early Stuart	**734,400**	**7,400**	**5,100**	**5,400**	**900**	**800**	**600**	**20,200**	**9,900**	**41,800**	**754,600**
Early Summer Run	**66,300**	**8,000**	**8,300**	**13,600**	**11,800**	**12,000**	**6,700**	**60,400**	**29,600**	**125,000**	**126,700**
Chilliwack	2,700	0	0	0	0	0	0	0	0	0	2,700
Pitt/Alouette/Coquitlam	2,800	1,500	1,500	1,900	2,100	1,000	900	8,900	4,400	18,400	11,700
Nadina group[4]	52,700	4,900	4,900	7,900	6,300	4,900	3,300	32,200	15,800	66,700	84,900
Early Thompson[5]	8,100	1,600	1,900	3,800	3,400	6,100	2,500	19,300	9,500	40,000	27,400
Summer Run	**81,300**	**31,000**	**34,100**	**67,000**	**71,300**	**61,500**	**35,800**	**300,700**	**183,400**	**433,000**	**382,000**
Harrison / Widgeon[2]	3,500	1,000	600	500	0	5,000	500	7,600	4,600	10,900	11,100
Late Stuart / Stellako	49,600	17,800	17,300	37,100	39,900	30,400	14,500	157,000	95,800	226,100	206,600
Chilko	23,800	9,400	12,400	22,200	22,600	22,100	17,200	105,900	64,600	152,500	129,700
Quesnel	4,400	2,800	3,700	6,600	8,200	3,100	3,300	27,700	16,900	39,900	32,100
Raft / North Thompson	0	0	100	600	600	900	300	2,500	1,500	3,600	2,500
Late Run	**500**	**100**	**200**	**2,400**	**2,200**	**5,000**	**500**	**10,400**	**6,300**	**15,000**	**10,900**
Birkenhead / Big Silver	100	0	100	1,600	2,200	3,000	300	7,200	4,400	10,400	7,300
Late Shuswap / Portage[2]	300	100	100	800	0	1,400	100	2,500	1,500	3,600	2,800
Weaver / Cultus[2]	100	0	0	0	0	600	100	700	400	1,000	800

[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

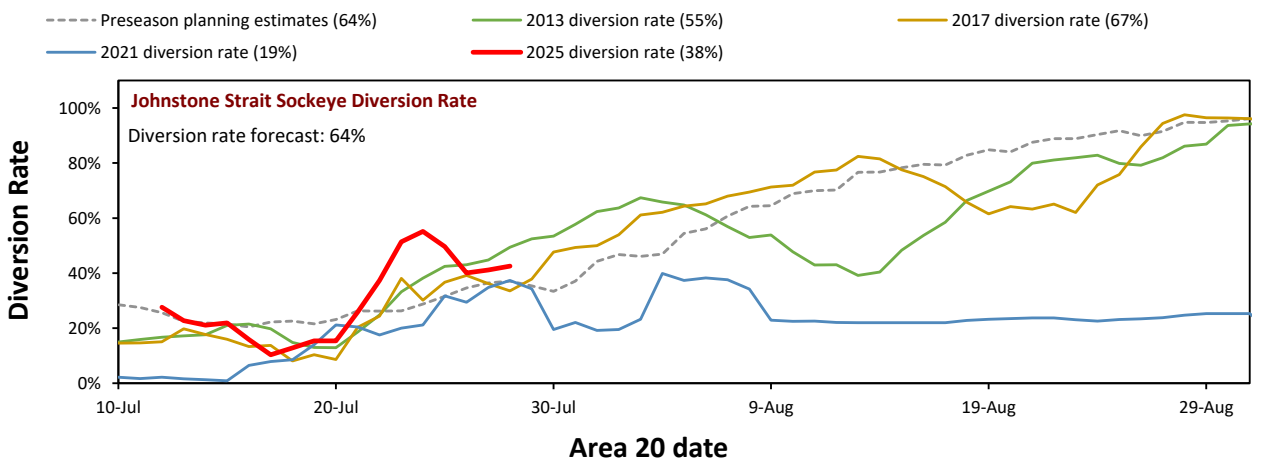
[3] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

[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	**43%**



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
Early Stuart Run	**725,000**	**116,000**	✓ **758,000**	***750,000***	***767,000***	**Recon**	**738,000**	**20,000**	**0**	**0**	**06-Jul**	**08-Jul**	**06-Jul**	***06-Jul***	***06-Jul***	**Recon**
Early Summer Run	**NA**	**221,000**					**67,000**	**61,000**			**NA**	**03-Aug**				
Chilliwack		15,000	● 4,000	3,000	13,000	Recon(2)	3,000	1,000	0	0		18-Jul	21-Jul	12-Jul	29-Jul	Recon(2)
Nadina Group[4]		80,000					54,000	37,000				31-Jul				
Pitt/Alouette/Coquitlam		46,000					3,000	9,000				04-Aug				
Early Thompson[5]		80,000					8,000	19,000				07-Aug				

[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

Recon	Catch + escapement + 6-day test fish projection + model seaward projection
Recon(2)	Catch + escapement + model projections

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

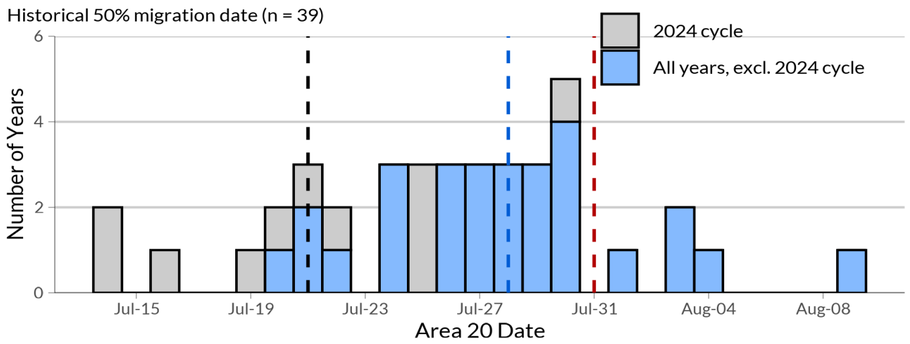
● ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak fo the run has been observed at Mission, uncertainty relates to 6 day projection and seaward abundance

▲ ≥ 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

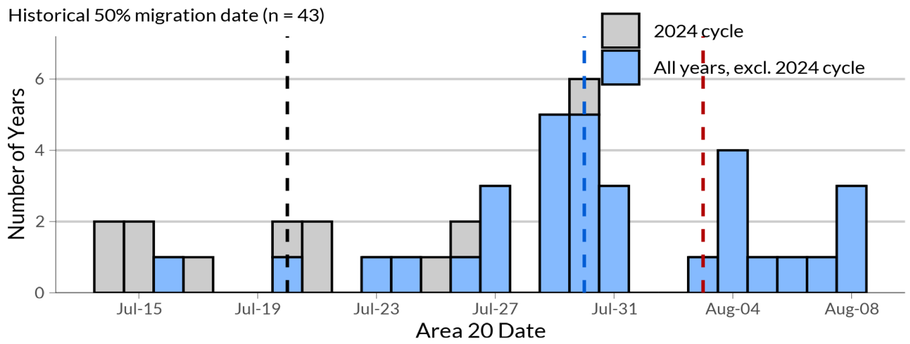
† The **Run Size Uncertainty Indicator** is a categorical indication of the degree of uncertainty present in the run size estimate. Estimates are categorized quantitatively based on the proportion of the run that has been accounted for with high certainty in catch + escapement.

Nadina, Bowron, Gates, Nahatlatch, Taseko



Dashed lines:
Blue = All years, excl. 2024 cycle median of Jul-28
Black = 2024 cycle-line median of Jul-21
Red = Pre-season predicted timing of Jul-31

Early Summer



Dashed lines:
Blue = All years, excl. 2024 cycle median of Jul-30
Black = 2024 cycle-line median of Jul-20
Red = Pre-season predicted timing of Aug-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	221,000	NA	03-Aug	NA
Summer Run*	No recommendation	2,136,000	NA	15-Aug	NA
Late Run*	No recommendation	468,000	NA	20-Aug	NA
Pink Salmon Run*	No recommendation	27,000,000	NA	21-Aug	NA

* Currently adopted estimates are based on preseason estimates

PSC staff recommends pDBE estimates which will be converted into MA estimates for consideration by the Panel. The Panel may either accept or reject the MA estimates associated with 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 associated pMA estimate			
		Currently Adopted		PSC recommendation	
		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	-0.22	0.28	NA	NA
Late Run*	No recommendation	-0.61	1.56	NA	NA

* Currently adopted pMA estimates are estimates agreed to by the Fraser River Panel in June, 2025

File: 71007

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

FRP meeting: Friday, August 1, 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		
☐		h) Catch evaluation		
	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		
	8)	**Fisheries recommendations**		
		a) Canadian and U.S. proposals		Panel
		b) Staff evaluation		PSC staff
		c) Canadian and U.S. evaluation		Panel
		d) Panel decision		
☐	9)	Assessments from other areas	5 min	PSC staff
☑	10)	Other business: Area 5 test fishery	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 Acknowledgments

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