



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

FRP meeting: Friday, July 25, 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: Weekly report	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

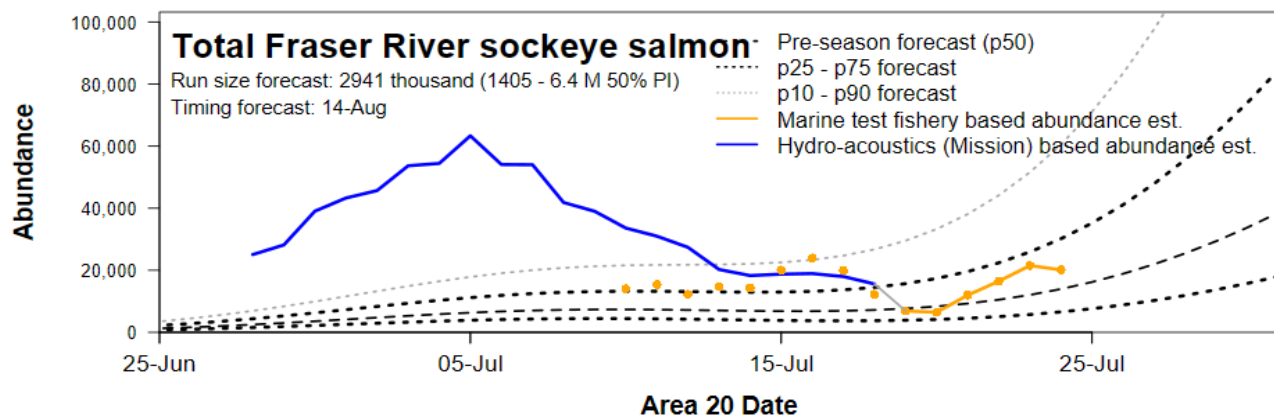
2025 Run status of Fraser sockeye and pink salmon

Date: Jul. 25, 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. 20 - Jul. 26, 2025	Sockeye				
	Management Group				Total Fraser
	E.Stuart	E.Summer	Summer	Late	
Mission passage (inclds Pitt, Alouette, Coquitlam)	691,600	26,800	16,000	200	734,600
Catch downstream of Mission	3,700	500	600	0	4,800
Accounted Run To Date	695,300	27,300	16,600	200	739,400
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				49%
	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. 25, 2025

Week of: Jul. 20 - Jul. 26, 2025		Sockeye		Pink	
		Total	Fraser	Total	Fraser
Canada		769	769	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)	60	60	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		6,605	6,057	755	19
	Panel Waters	4,594	4,417	281	7
	Canada	4,594	4,417	281	7
	U.S.	0	0	0	0
	Non-Panel Waters**	2,011	1,640	474	12
Total		7,374	6,826	1,051	19
Catch Seaward of Mission ***		5,305	4,757	1,051	19
Catch Upstream of Mission		2,069	2,069	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 mortalities are excluded from catch)

Date: Jul. 25, 2025

Week of: Jul. 20 - Jul. 26, 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		780	422	88	52
	Panel Waters	780	422	88	52
	Canada	780	422	88	52
	U.S.	0	0	0	0
	Non-Panel Waters	0	0	0	0
Total		1,609	1,250	88	53
Catch Seaward of Mission ***		780	422	77	41
Catch Upstream of Mission		829	829	12	12

* 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 25 only dipnet releases in a sanctioned Chinook fishery

5a_Test Fishing & Escapement Summary_Sockeye

2025 Fraser Sockeye Test Fishing & Escapement Summary

Area/Gear Location From A20	Johnstone Strait		Juan de Fuca Strait	Fraser River							
	A12 GN Round Is (-2 days)	A12 PS Blinkhorn (-1 day)	A20 GN* 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)	Hells Gate Estimates ⁵ (+10 days)
3-Jul					0	0.00	11	2,385	RB x 2		
4-Jul					3	0.29	13	2,284	RB + LB	11,700	A1+M2
5-Jul					45	3.56	10	2,570	RB + LB	38,300	A1+M2
6-Jul					51	4.14	9	4,556	RB + LB	34,300	A1+M2
7-Jul					43	3.50	47	22,629	RB + LB	44,400	A1+M2
8-Jul	40				17	1.48	98	37,945	RB + LB	51,100	A1+M2+A2
9-Jul	18				16	1.50	91	42,111	RB + LB	41,500	A1+M2+A2
10-Jul	69		302	207	58	4.65	128	42,275	RB + LB	68,300	A1+M2+A2
11-Jul	8		100	304	64	4.90	110	42,915	RB + LB	53,100	A1+M2+A2
12-Jul	26		254	312	16	1.39	73	46,027	RB + LB	67,900	A1+M2+A2
13-Jul	35		113	270	23	1.95	82	38,264	RB + LB	40,300	A1+M2+A2
14-Jul	59		277	57	10	0.96	93	50,490	RB + LB	52,900	A1+M2+A2
15-Jul	24		281	65	6	0.56	103	30,088	RB + LB	31,600	A1+M2+A2
16-Jul	25		343	78	0	0.00	42	37,669	RB + LB	31,700	A1+M2+A2
17-Jul	30		260	100	2	0.19	91	27,985	RB + LB	36,300	A1+M2+A2
18-Jul	18		25	101	1	0.09	71	26,893	RB + LB	23,300	A1+M2+A2
19-Jul	9		68	15	4	0.34	52	28,410	RB + LB	21,100	A1+M2+A2
20-Jul	30		99	28	1	0.09	52	24,965	RB + LB	15,200	A1+M2+A2
21-Jul	51		5	33	18	1.66	61	20,922	RB + LB	17,500	A1+M2+A2
22-Jul	40		182	17	17	1.56	57	16,765	RB + LB	22,200	A1+M2+A2
23-Jul	43		72	24	18	1.63	61	20,134	RB + LB	15,600	A1+M2+A2
24-Jul	26	850 (5 sets)	72	27	13	1.22	69			14,900	A1+M2+A2
25-Jul											

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

² Qualark source: RB + LB = Right-bank and Left-bank

RB x 2 = Right-bank RB x 2 = Right-bank (RB) x 2

RB + LB = Right-bank RB + LB = Right-bank and Left-bank

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)

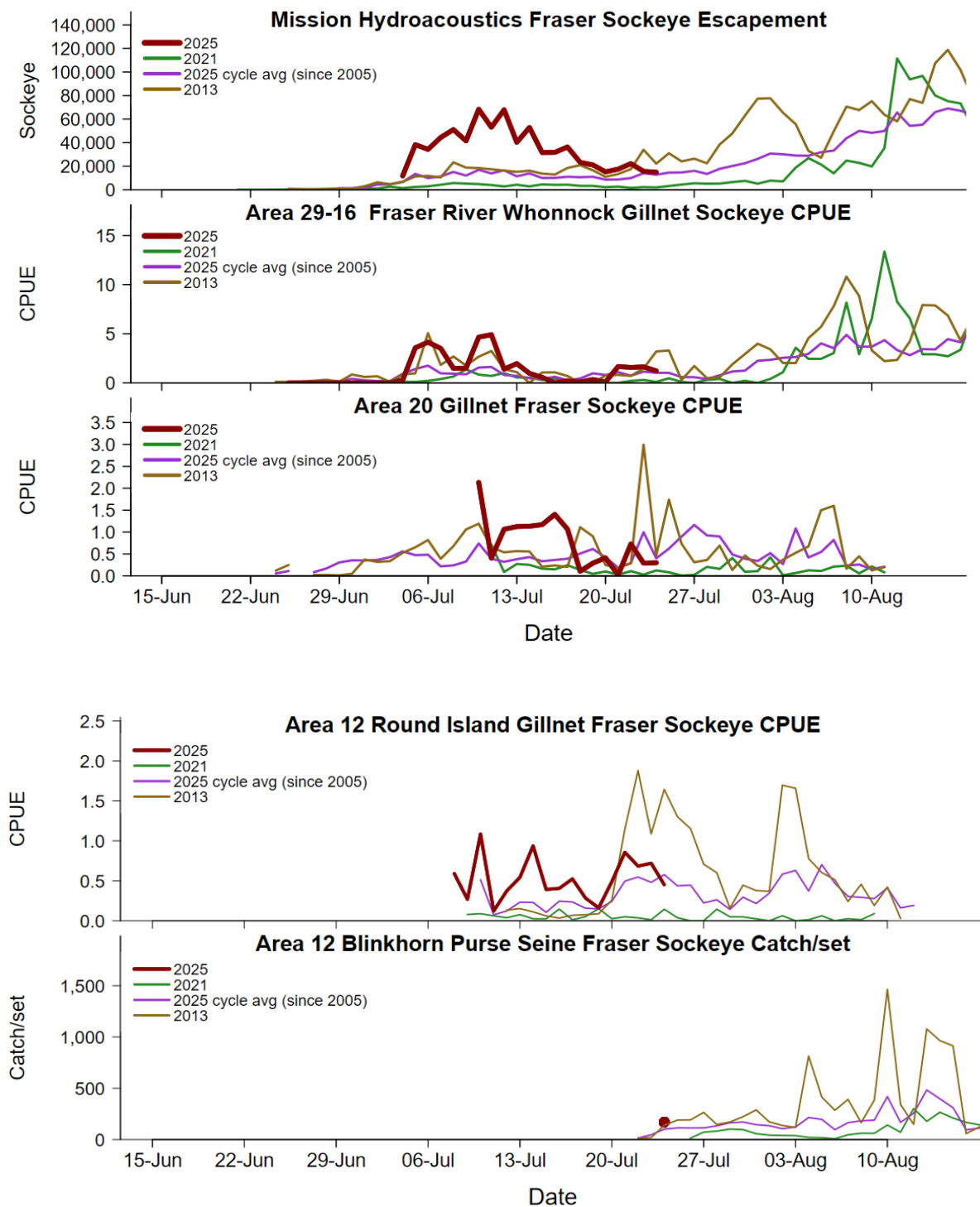
⁵ Daily Hells Gate abundance estimate, $s A1 + S1 + M2 + A2 = \text{Left-bank ARIS (A1)} + \text{Left-bank split-beam (S1)} + \text{Mobile ARIS (M2)} + \text{Right bank ARIS (A2)}$

* Two vessels fishing

$A1 + S1 + M2 + A2 = \text{Left-bank ARIS (A1)} + \text{Left-bank split-beam (S1)} + \text{Mobile split-beam (M)} + \text{Right bank ARIS (A2)}$

W = Whonnock CPUE x Expansion Line

CPUE-Wh-Avg = 3-day average Whonnock CPUE x Expansion Line



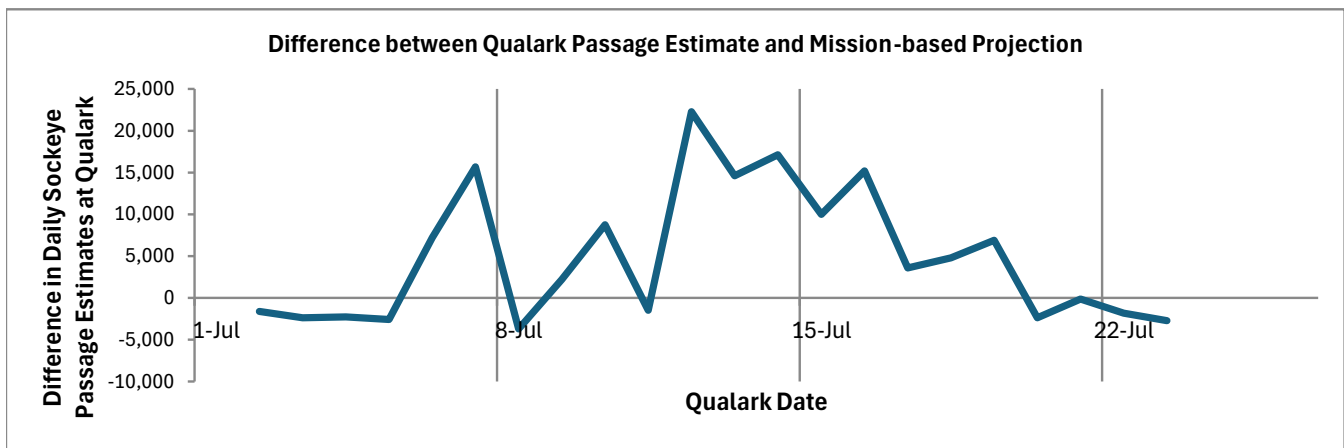
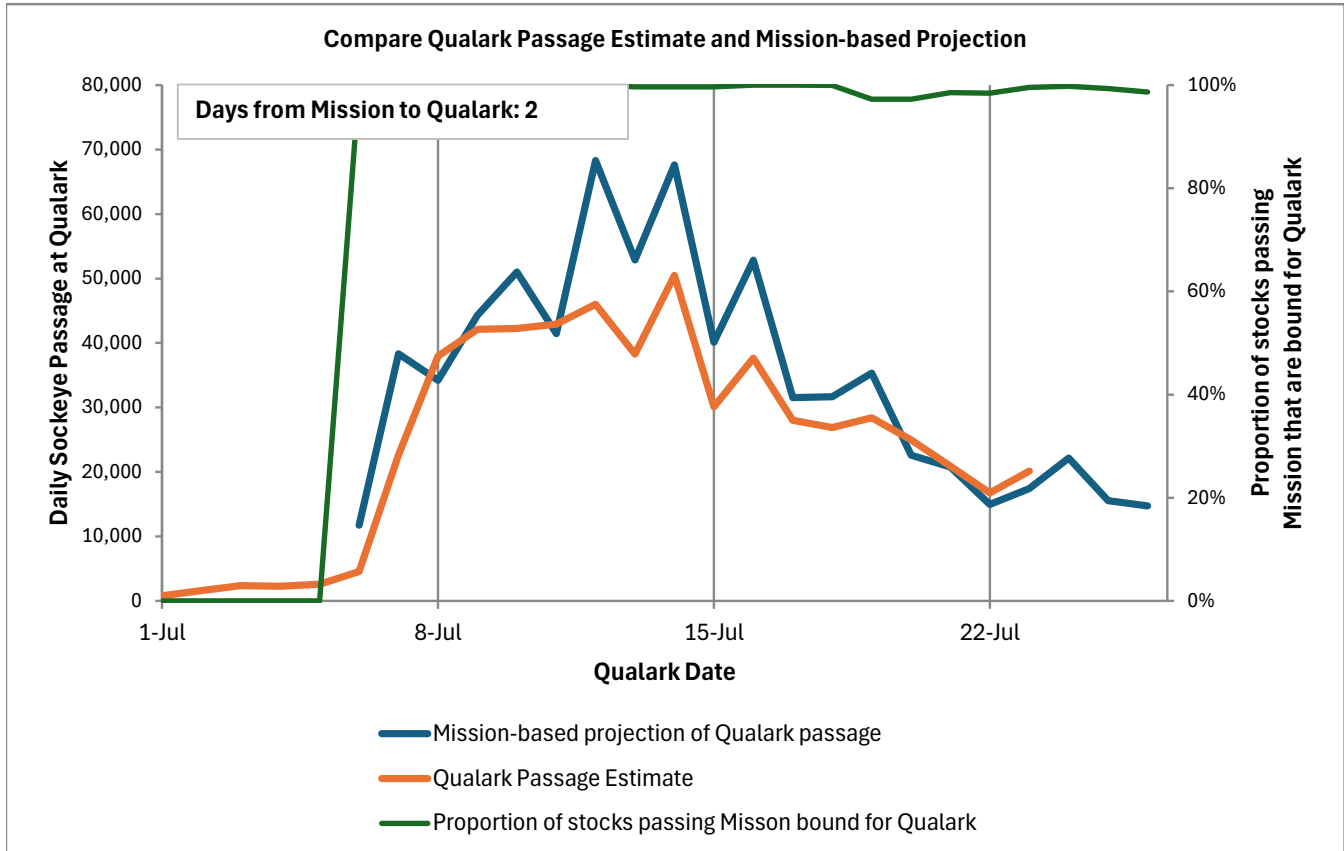
5b. Comparison of predictions from Mission to Qualark

Year: 2025

Date: 25-Jul-25

Time: 10:16 AM

	All Days	*Common Days
Mission projection	729,540	677,094
Qualark estimate	570,688	561,044
	Difference	116,049
	%Difference	17%



5d. Fraser River Sockeye Salmon Stock identification Review

Recent stock composition estimates for sockeye salmon

Fishing						Fraser-only Stock Proportions by Reporting Group ⁴ (%)													Age (%)				
						Early Stuart	Early Summer					Summer					Late			Overall Stocks			
							Nadina Bowron				Early Summer	Summer				Summer	Late		Late				
							Pitt Alouette	Gates Nahat-latch	Early Thomp-son	Harri-son		Late Stuart	Chilko Ques-nel	Raft North Thomp-son	Birken-head Big		Late Shuswap Portage	Weaver Cultus					
Area/Gear ¹	Sector ²	Date	Type ³	Size (n)	%Fraser	Early Stuart	Chilli-wack	Coquit-lam	Taseko	Thomp-son	sub-total	Widg-eon	Stuart	Stellako	Ques-nel	Thomp-son	sub-total	Silver	Portage	Cultus	Late sub-total	Age-4 ₂	
Johnstone Strait & Queen Charlotte Strait																							
A12 gn	tf	Jul15-16	DNA	49	27%	77%			23%		23%					0%					0%	95%	
A12 gn	tf	Jul17-18	DNA	48	29%	56%		7%	13%	7%	27%		3%	14%		17%					0%	98%	
A12 gn	tf	Jul19-21	DNA	90	59%	14%		4%	7%	2%	13%	5%	39%	29%		73%					0%	96%	
A12 gn		Jul 26	Prediction	1	61%	2%		4%	7%	11%	22%	2%	36%	37%		75%					0%	NA	
Juan de Fuca Strait & Washington & Other																							
A20 gn	tf	Jul 17	DNA	92	96%	54%		3%	15%	1%	19%		24%	1%		25%			1%		1%	NA	
A20 gn	tf	Jul18-19	DNA	92	86%	45%			13%	3%	15%		30%	8%		38%		2%			2%	90%	
A20 gn	tf	Jul 22	DNA	99	98%	26%		2%	20%	6%	29%		28%	15%		43%			3%		3%	93%	
A20 gn		Jul 26	Prediction	1	96%	4%		2%	14%	6%	22%	2%	37%	34%		72%			2%		2%	NA	
In-river																							
BB gn	tf	Jul16-17	DNA	99	100%	85%	2%	1%	9%	2%	14%	1%				1%					0%	96%	
BB gn	tf	Jul18-19	DNA	65	100%	91%			6%		6%	2%			1%						0%	98%	
BB gn	tf	Jul20-22	DNA	77	100%	69%			15%	2%	17%		9%	5%		15%					0%	97%	
AB gn	tf	Jul21-23	DNA	51	100%	62%		2%	17%	4%	23%		12%	3%		15%					0%	98%	

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

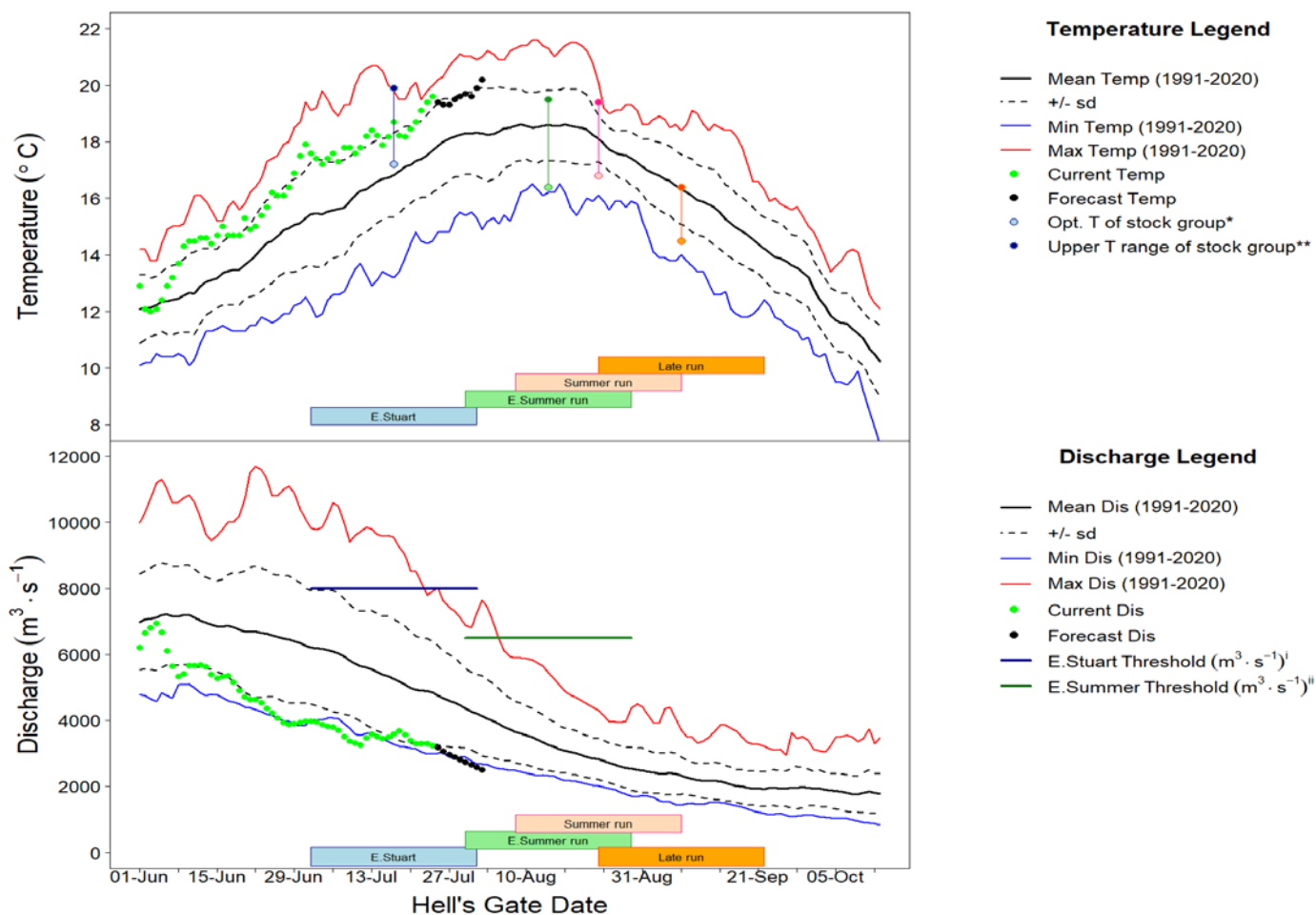
⁴ Further information relating stock group descriptions to spawning ground locations and population definitions can be found at http://www.psc.org/FRPWeb/Escapement/PSC_Fraser_Sockeye_Stock_Group_Definitions.pdf

Results in grey text have been presented to the Panel previously

Fraser River Environmental Report for July 24, 2025

Observed Fraser River Temperature at Qualark for 24-Jul	19.6°C
Average (1991-2020) Historical Temperature on this day	17.7°C
Deviation from Average	1.9°C
Forecast Temperature for 30-Jul-25	19.7°C
The forecast in Kamloops and Prince George is for below average temperature until July 28 and above average temperature for the rest of the period.	

Observed Fraser River Discharge at Hope for 24-Jul	3250 m ³ ·s ⁻¹
Average (1991-2020) Historical Discharge on this day	4852 m ³ ·s ⁻¹
% above or below Historical Discharge	-33%
Forecast Discharge for 30-Jul-25	2736 m ³ ·s ⁻¹
The forecast in Kamloops and Prince George is for 13 mm and 7 mm precipitation, respectively.	



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. ⁱpMA is the proportional increase to spawning escapement targets to help ensure targets are achieved. ⁱⁱ%DBE is %difference between 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}. ⁱDischarge threshold of 8000cms for Early Stuart from Macdonald (2000). Can. Tech. Rep. Fish. Aquat. Sci. 2315: 120p. ⁱⁱDischarge 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.

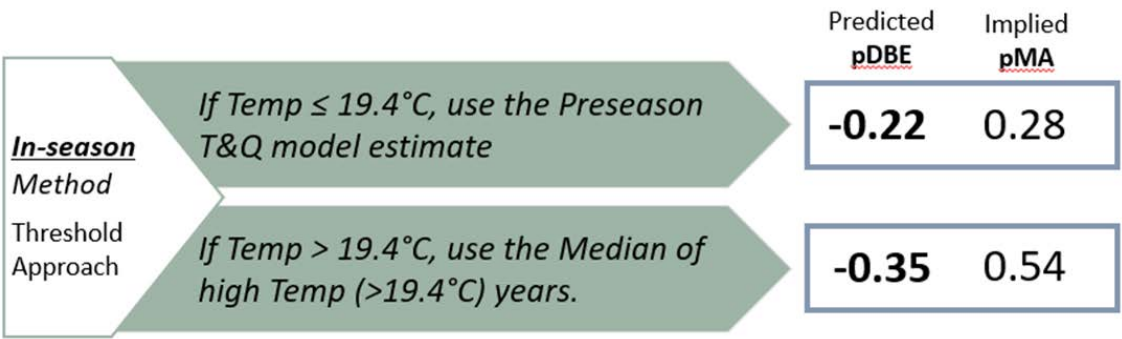
2025 pDBE prediction dates:

Stock Group	Area 20	Hells Gate	19-day period		Meeting date with 1 st available in-season pDBE
	Date	Date	Start	End	
Early Stuart	06-Jul	17-Jul	02-Jul	20-Jul	15-Jul
Early Summer run	04-Aug	14-Aug	30-Jul	17-Aug	12-Aug
Summer run	15-Aug	26-Aug	11-Aug	29-Aug	22-Aug

Early Summer run pre-season and in-season pDBE approach:



Summer run pre-season and in-season pDBE approach:



Seiii. Current temperatures in areas of the Fraser Watershed

Current Temperatures					
Map #	23-Jul	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
<u>Fraser River Mainstem</u>					
1	Fraser River @ Qualark	19.4	17.5	1.9	1991-2020
2	Fraser River @ Texas Creek	na	17.5	na	2006-2024
3	Fraser River @ Marguerite	18.2	17.2	1.0	2015-2024
4	Upper Fraser @ Shelley	15.6	14.6	1.0	1994-2024
<u>Fraser River Tributaries</u>					
5	Thompson R. @ Ashcroft	18.2	16.9	1.3	1995-2024
6	South Thompson @ Chase	20.9	17.8	3.1	1994-2024
7	North Thompson @ McLure	17.3	14.4	2.9	2006-2023
8	Quesnel R. @ Quesnel	16.0	15.4	0.6	2000-2024
9	Nechako R. @ Isle Pierre	19.9	18.8	1.1	2006-2024
10	Stuart R. @ Ft. St. James	19.7	18.2	1.5	2000-2024



5eiv. TNG Taskforce update

Summary of TNG-led Emergency Salmon Task Force Weekly Data Report July 15 – 21, 2025

For the complete weekly report please see the FRTC distribution: [2025 07 24 Distribution.pdf](#)

Key observations from this week include:

- Salmon passage continues past the slide and passage rates (number of fish per day) have remained constant for all three size classes at the Hanceville Sonar (Section 2.1), with a total of 411 salmon observed this week and a total cumulative count of 1140 salmon since the start of the program, June 25, 2025.
- Turbidity spikes of short duration (3-12 hrs) were observed in the Chilcotin River downstream of the slide site (Farwell Canyon) on July 19 and July 21, ranging from 1,330-6,647 NTU (Section 3.1). Turbidity spikes of this magnitude may result in migration delays. There was no detectable disruption of salmon migration upstream of the slide site following turbidity spikes. Given the travel time from turbidity sensor downstream of the slide site (Farwell Canyon) to the sonar station upstream of the slide site (Hanceville), it is possible that a disruption in salmon passage has not yet been detected at the sonar station. Turbidity spikes coincided with periods of high precipitation and increased flows through the week, conditions that are likely to resuspend sediment and increase turbidity.
- Continued elevated turbidity in the Chilcotin River downstream of the slide site (Farwell Canyon) compared to upstream of the slide site (Hanceville), as indicated by turbidity monitoring, site photos and satellite imagery (Section 3.1).
- Continued elevated turbidity in the Fraser River downstream of the Chilcotin River confluence (Gang Ranch), compared to upstream of the Chilcotin River confluence (Sheep Creek) as indicated by turbidity monitoring and satellite imagery (Section 3.2).

Figure 5. Turbidity and discharge measured in the Chilcotin River upstream of the slide site (Hanceville) and turbidity measured downstream of the slide site (Farwell Canyon) from May 01, 2025, to July 21, 2025.

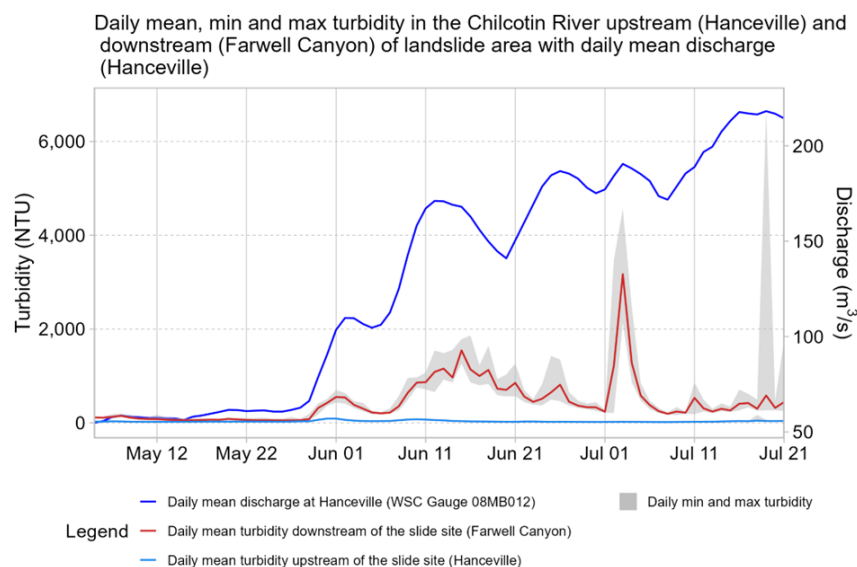


Figure 6. Water quality conditions upstream of the slide impact area (left, Hanceville) and downstream of the slide impact area (right, Farwell Canyon) captured on July 16, 2025.



Figure 7. Satellite image of Chilcotin River upstream (left) and downstream (right) of the Farwell Canyon slide site on July 18, 2025 (Copernicus 2025).

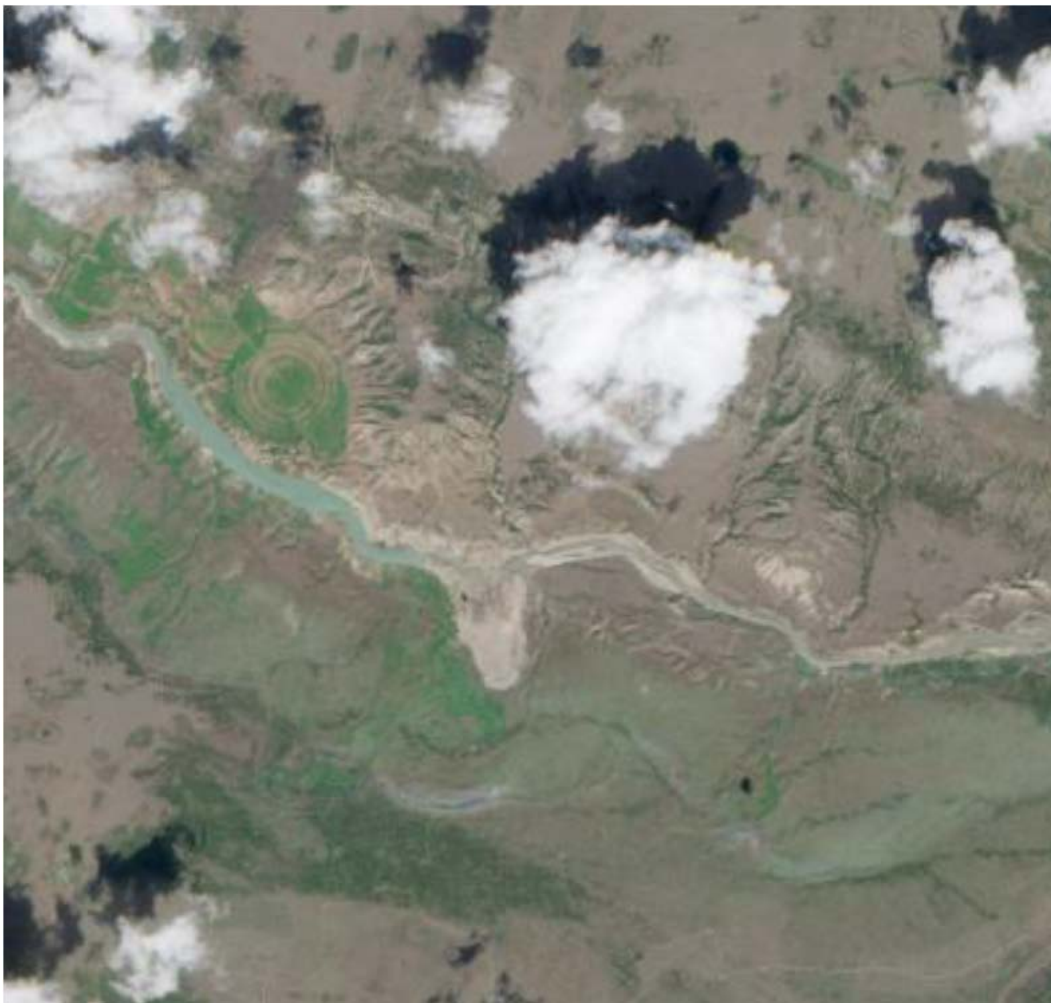
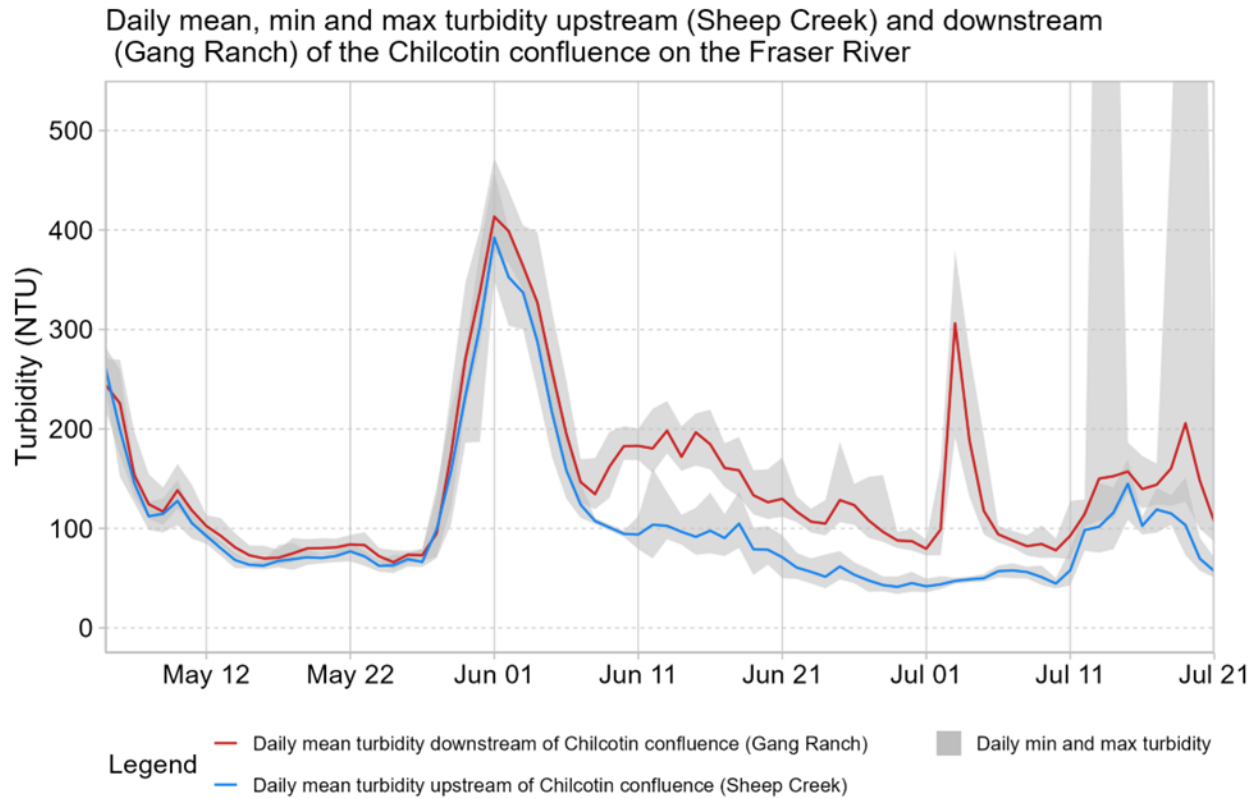


Figure 8. Turbidity in the Fraser upstream of the Chilcotin confluence (Sheep Creek) and downstream of the confluence (Gang Ranch) from May 01, 2025 to July 21, 2025.



5ev. Report on Fish Condition

Date of Power BI Report

23-Jul-25 09:36

Latest Data Entry Date

23-Jul-25 00:00

Mid-Fraser Biological Condition and Number of Sockeye Inspected

Sockeye nearth observations are collected during patrols (Helicopter, boat, vehicle, Foot, and Access) and when either harvested sockeye or sockeye migration in the river is observed. Qualark reports are included as well.

This information is updated twice a week in-season, generally for mid-day Tuesdays and Thursdays.

Data is in-season and subject to change as addition information is received and analyses are reviewed

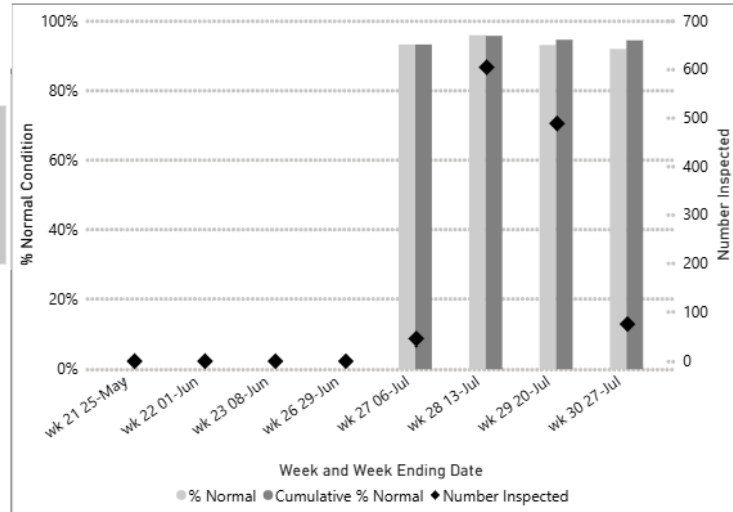
Normal Condition Fish do not show evidence of any marks (e.g. no marks on gill and body, no hook marks or open wounds)

Observations by Week

Row Labels	Observations
wk 18 04-May	No Monitoring
wk 19 11-May	No Monitoring
wk 20 18-May	No Monitoring
wk 21 25-May	No fish observed
wk 22 01-Jun	No fish observed
wk 23 08-Jun	No fish observed
wk 24 15-Jun	No Monitoring
wk 27 06-Jul	No fish observed
wk 28 13-Jul	48 fish holding - Kanaka Creek
wk 29 20-Jul	200 fish holding - Bridge River

Sample Size by Site

Week and Week End Date	Qualark	Total
wk 27 06-Jul	44	44
wk 28 13-Jul	604	604
wk 29 20-Jul	488	488
wk 30 27-Jul	74	74
Total	1,210	1,210

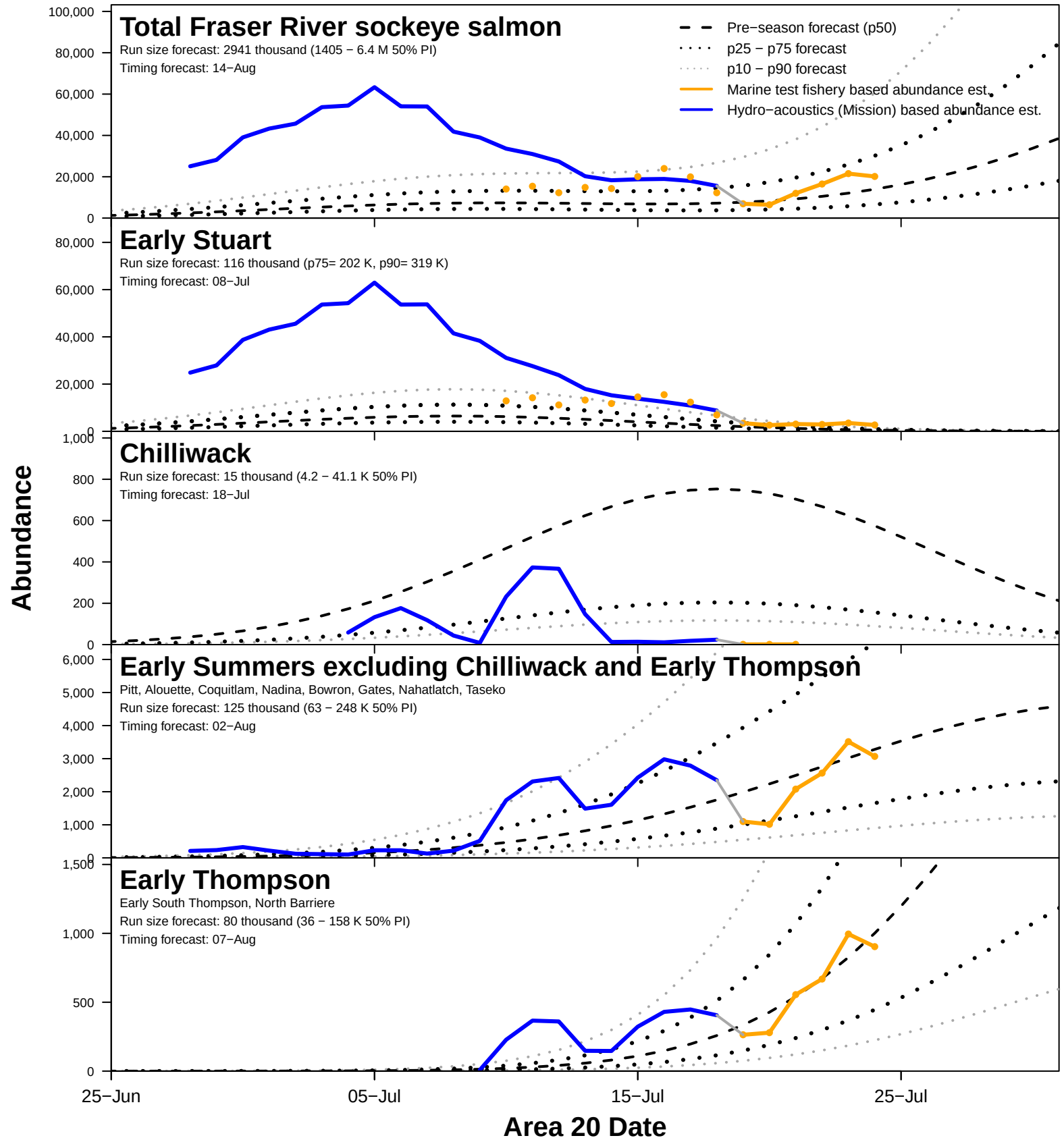


Sevi. Spawning ground reports

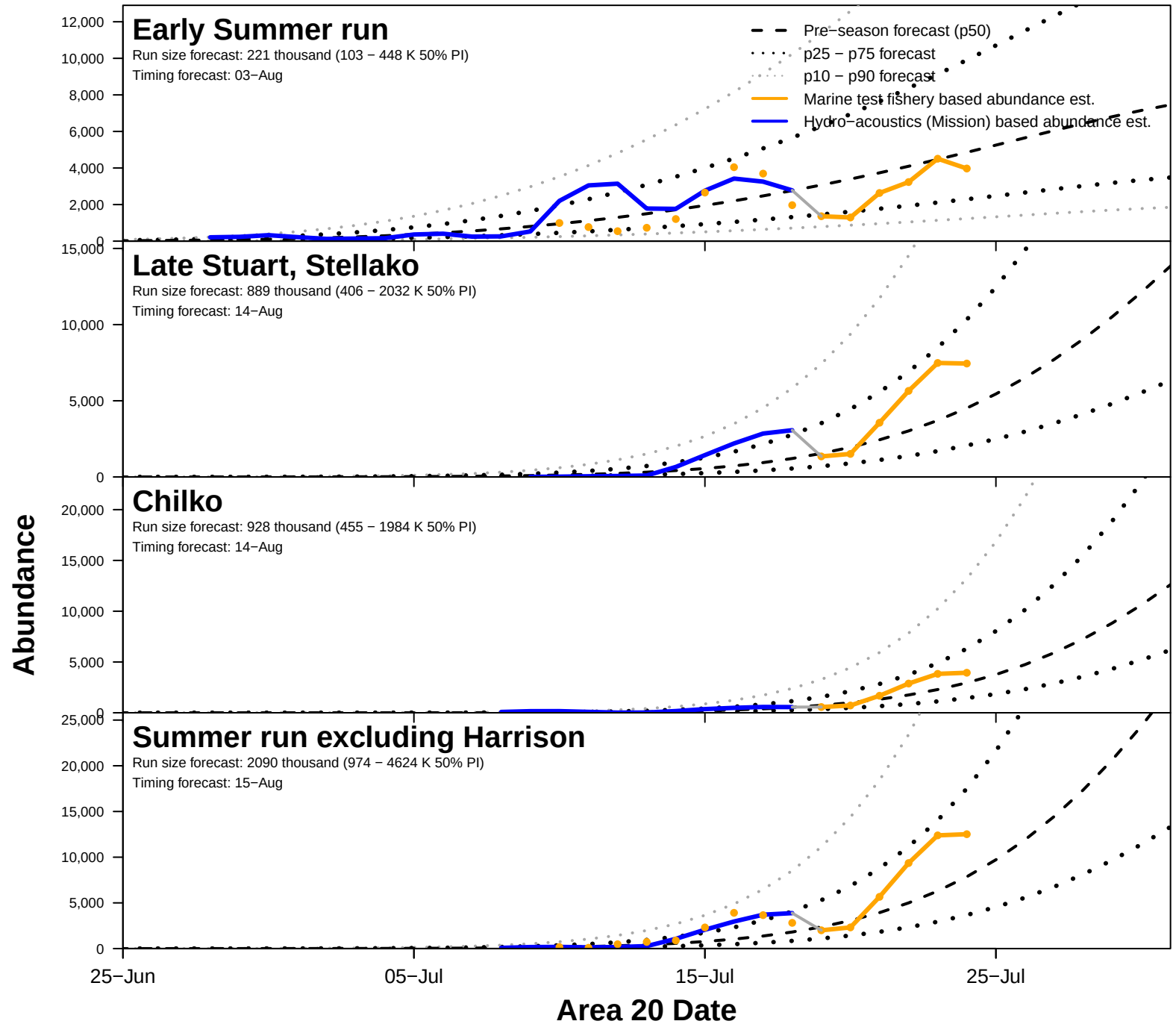
Table 1. Fraser River Sockeye escapement - 2025 in-season update # 1.

Stock	Survey Method	Start Date	End Date	No. to Date	Spawning	Water Temp.	Water Conditions	Fish Condition
EARLY STUART								
Early Stuart	Visual survey	20-Jul	Ongoing		Holding	8.3-17	Moderate water levels in most creeks	Appear healthy

6a. 2025 Fraser River sockeye salmon daily migration



6a. 2025 Fraser River sockeye salmon daily migration



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

Current date: 25-Jul

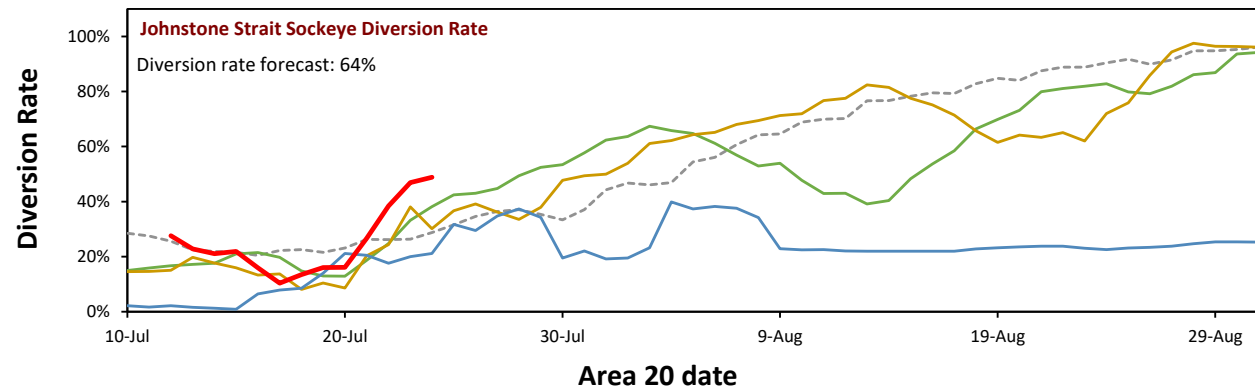
	Escapement past Mission through 24-Jul	Projected abundance en route to Mission based on marine test fishery data ^{1,2}								Escapement + projections through 30-Jul	
Area 20 date		19-Jul	20-Jul	21-Jul	22-Jul	23-Jul	24-Jul	Total	80% PI ³		
Mission date		25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul		10p	90p	
Total Fraser	734,700	7,500	8,600	3,100	24,200	22,100	18,100	83,600	46,700	142,900	818,300
Early Stuart	691,600	3,700	3,600	500	5,100	3,100	2,300	18,300	9,000	37,900	709,900
Early Summer Run	26,900	1,500	1,900	500	5,600	3,700	4,300	17,500	8,600	36,200	44,400
Chilliwack	1,700	0	0	0	0	0	0	0	0	0	1,700
Pitt/Alouette/Coquitlam	1,300	200	200	100	600	700	600	2,400	1,200	5,000	3,700
Nadina group ⁴	21,000	1,000	1,300	300	3,800	2,300	2,600	11,300	5,500	23,400	32,300
Early Thompson ⁵	2,900	300	400	100	1,200	700	1,100	3,800	1,900	7,900	6,700
Summer Run	16,000	2,200	2,900	2,100	12,900	15,300	11,400	46,800	28,500	67,400	62,800
Harrison / Widgeon ²	1,200	0	0	200	800	1,200	600	2,800	1,700	4,000	4,000
Late Stuart / Stellako	10,500	1,400	2,000	1,100	7,500	8,300	6,500	26,800	16,300	38,600	37,300
Chilko	2,700	700	800	600	3,600	4,400	3,400	13,500	8,200	19,400	16,200
Quesnel	1,600	100	100	200	1,000	1,400	900	3,700	2,300	5,300	5,300
Raft / North Thompson	0	0	0	0	0	0	0	0	0	0	0
Late Run	200	100	200	0	600	0	100	1,000	600	1,400	1,200
Birkenhead / Big Silver	100	100	100	0	0	0	0	200	100	300	300
Late Shuswap / Portage ²	0	0	100	0	600	0	0	700	400	1,000	700
Weaver / Cultus ²	100	0	0	0	0	0	100	100	100	100	200

¹ En route catches are incomplete: catches from present and future fisheries must be deducted from projections and added to the catches removed² Projected abundances en route to Mission include Harrison and Late runs, an uncertain number of which are expected to delay³ 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval⁴ Nadina / Bowron / Gates / Nahatlatch / Taseko / Early South Thompson / North Barriere

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

	5-day-average
Diversion rate	49%

----- Preseason planning estimates (64%)
 — 2013 diversion rate (55%)
 — 2017 diversion rate (67%)
 — 2021 diversion rate (19%)
 — 2025 diversion rate (28%)



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% Pls ²		Method	Catch + Escapement	6-day Projection ⁴	Seaward Abundance	Migration Delay	Inseason Adopted	Preseason Forecast	Inseason estimate	Inseason 80% Pls ²		Method
				10% PI	90% PI									10% PI	90% PI	
Early Stuart Run	725,000	116,000	✓ 714,000	706,000	724,000	Recon	695,000	18,000	1,000	0	06-Jul	08-Jul	06-Jul	06-Jul	06-Jul	Recon
Early Summer Run	NA	221,000					27,000				NA	03-Aug				
Chilliwack		15,000	▲ 3,000	2,000	7,000	Recon(2)	2,000	1,000	0	0		18-Jul	12-Jul	11-Jul	15-Jul	Recon(2)
Nadina Group		80,000					21,000					31-Jul				
Pitt/Alouette/Coquitlam		46,000					1,000					04-Aug				
Early Thompson ⁵		80,000					3,000					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).

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

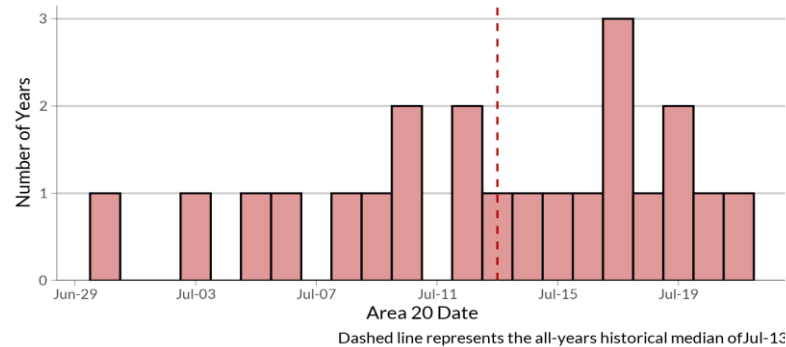
Run Size Uncertainty Legend[†]

- ✓ ≥ 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 for 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 indication 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 indication 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.

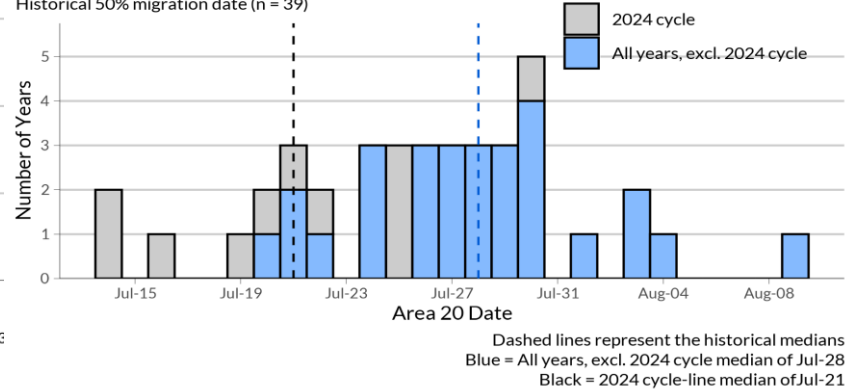
Chilliwack

Historical 50% migration date (n = 22)



Nadina, Bowron, Gates, Nahatlatch, Taseko

Historical 50% migration date (n = 39)



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

9. Sockeye assessment updates from other areas

Sockeye assessment updates from other areas

	Area	Pre-season Forecast	Run Size Estimate	Run to Date	Date of Last Update	Sources
Alaska	Bristol Bay	54.1 Million	59.4 Million	55.1 Million	July 22, 2025	1, 2
	Nass River (TRTC)	476,000	355,000	187,700	July 22, 2025	3
	Skeena River	2.7 Million	1.7 Million	776,200	July 24, 2025	4, 5
	Barkley Sound	500,000 – 700,000	700,000	555,600	July 24, 2025	6
British Columbia	Fraser River	2.9 Million	-	739,400	July 25, 2025	-
	Baker Lake	60,200	90,000	53,600	July 24, 2025	7, 8
	Lake Washington	35,400	-	11,400	July 24, 2025	8, 9
	Columbia River	350,000	167,500	165,600	July 24, 2025	8, 10, 11
Washington						

¹ [University of Washington Alaska Salmon Program - 2025 In-season Reports](#)

² [ADF&G In-season Total Run Summary](#)

³ [Nisga'a Fisheries - Nass Stock Assessment Updates](#)

⁴ DFO North Coast Salmon Update

⁵ [Skeena Tyee Test Fishery Information](#)

⁶ [DFO Barkley Sound Stock Assessment Updates](#)

⁷ [WDFW Baker River sockeye salmon counts](#)

⁸ Washington Department of Fish and Wildlife (pers. Comm.)

⁹ [WDFW Lake Washington sockeye salmon counts](#)

¹⁰ Columbia River Inter-Tribal Fish Commission (pers. comm.)

¹¹ [Fish Passage Center - Bonneville Dam Counts](#)



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

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
2. T̓ilhqot'in National Government (TNG) Task Force (comprised of BC, DFO and TNG's indigenous technical partner, the Upper Fraser Fisheries Conservation Alliance (UFFCA))