File: 71007

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

FRP meeting: Tuesday, July 22, 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: purse seine start dates	5 min	Panel
☑	11)	Next FRP meeting and agenda	2 min	PSC staff/Panel
	12)	Next TC meeting:		PSC staff
☑	13)	Data acknowledgements		

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

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

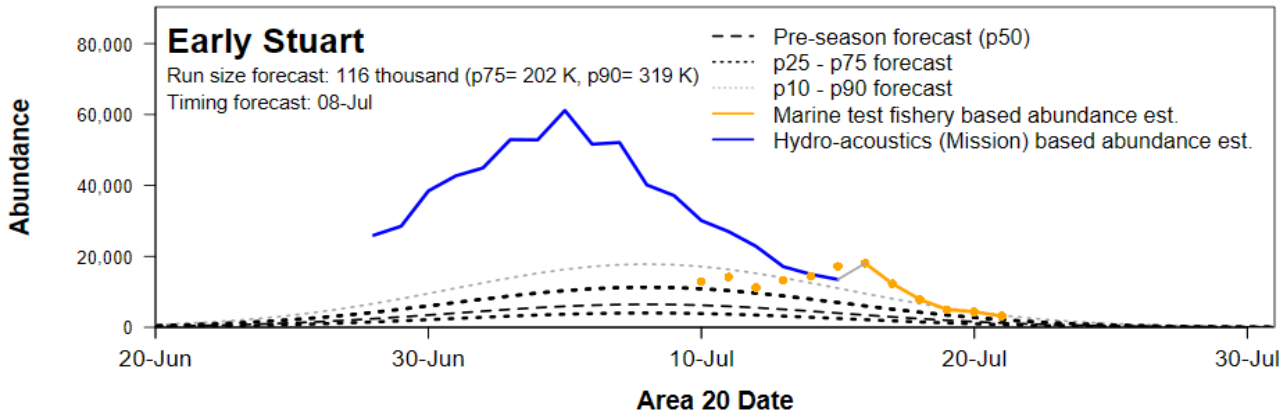
2025 Run status of Fraser sockeye and pink salmon

Date: Jul. 22, 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
	E.Stuart	E.Summer	Summer	Late	Fraser
Mission passage (incldes Pitt, Alouette, Coquitlam)	647,000	15,600	3,500	0	666,100
Catch downstream of Mission	3,600	300	300	0	4,200
Accounted Run To Date	650,600	15,900	3,800	0	670,300
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	**27%**
				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.*



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2025 Fraser Sockeye Test Fishing & Escapement Summary

Area/Gear Location From A20			Fraser River								
	A12 GN Round Is (-2 days)	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]	Qualark Method[2]	Mission Hydroacoustics Estimate[3] (+6 days)	Mission Hydroacoustics Method[4]	Hells Gate Estimates[5] (+10 days)
1-Jul				0	0.00		796	RB x 2			
2-Jul				0	0.00	3	1,610	RB x 2			
3-Jul				0	0.00	11	2,385	RB x 2			
4-Jul				3	0.29	13	2,284	RB + LB	14,200	A1+M2	30
5-Jul				45	3.56	10	2,570	RB + LB	38,100	A1+M2	*No Count*
6-Jul				51	4.14	9	4,556	RB + LB	33,800	A1+M2	590
7-Jul				43	3.50	47	22,629	RB + LB	44,300	A1+M2	1,250
8-Jul	40			17	1.48	98	37,945	RB + LB	50,600	A1+M2+A2	20,110
9-Jul	18			16	1.50	91	42,111	RB + LB	40,300	A1+M2+A2	28,600
10-Jul	69	302	207	58	4.65	128	42,275	RB + LB	67,800	A1+M2+A2	26,210
11-Jul	8	100	304	64	4.90	110	42,915	RB + LB	50,500	A1+M2+A2	*No Count*
12-Jul	26	254	312	16	1.39	73	46,027	RB + LB	65,500	A1+M2+A2	22,840
13-Jul	35	113	270	23	1.95	82	38,264	RB + LB	39,100	A1+M2+A2	24,130
14-Jul	59	277	57	10	0.96	93	50,490	RB + LB	51,500	A1+M2+A2	33,200
15-Jul	24	281	65	6	0.56	103	30,088	RB + LB	30,100	A1+M2+A2	43,470
16-Jul	25	343	78	0	0.00	42	37,669	RB + LB	31,100	A1+M2+A2	44,400
17-Jul	30	260	100	2	0.19	91	27,985	RB + LB	35,300	A1+M2+A2	25,250
18-Jul	18	25	101	1	0.09	71	26,893	RB + LB	22,800	A1+M2+A2	8,830
19-Jul	9	68	15	4	0.34	52	28,410	RB + LB	19,400	A1+M2+A2	*No Count*
20-Jul	30	99	28	1	0.09	52	24,965	RB + LB	14,600	A1+M2+A2	*No Count*
21-Jul	51	5	33	18	1.66	61			16,100	A1+M2+A2	27,570
22-Jul											
23-Jul											

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

[2] Qualark source:

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

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

[3] Mission escapement estimate - does not include Pitt

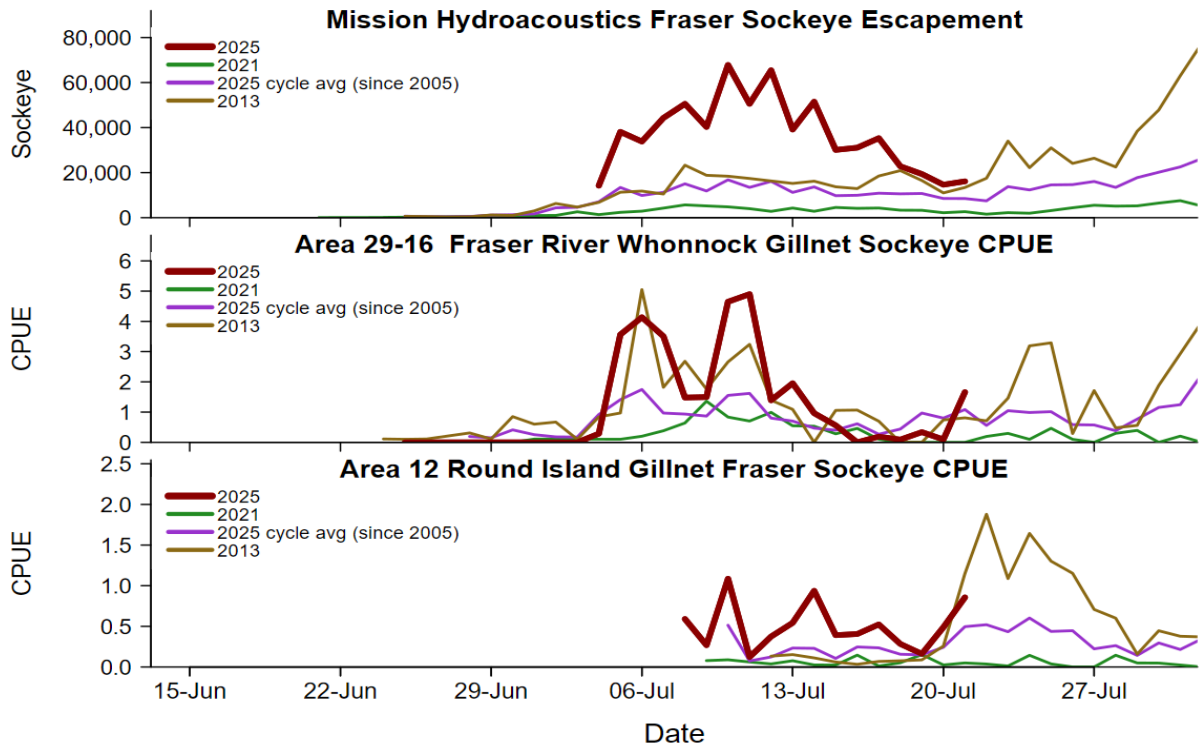
[4] *Mission Source:*

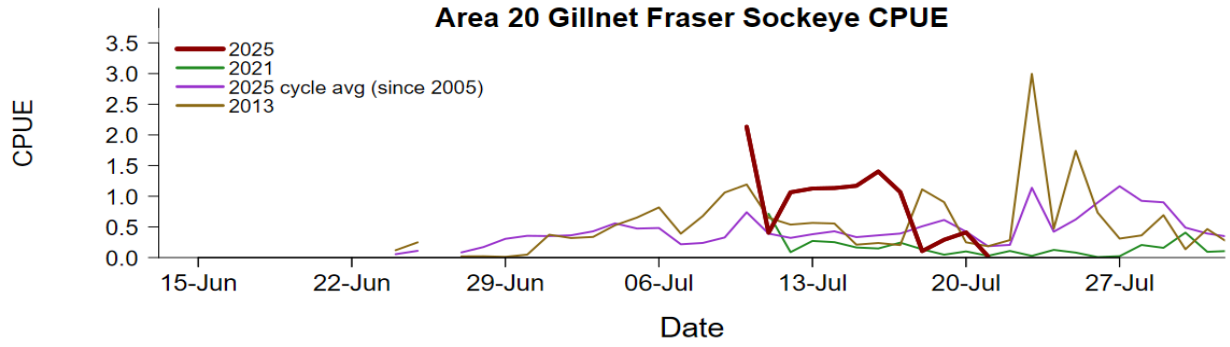
A1+M2 = Left bank ARIS (A1) + Mobile ARIS (M2)

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


Mission Hydroacoustics Fraser Sockeye Escapement
Sockeye
80,000
60,000
40,000
20,000
0
2025
2021
2025 cycle avg (since 2005)
2013
Area 29-16 Fraser River Whonnock Gillnet Sockeye CPUE
CPUE
6
5
4
3
2
1
0
Area 12 Round Island Gillnet Fraser Sockeye CPUE
2.5
2.0
1.5
1.0
0.5
0.0
15-Jun
22-Jun
29-Jun
06-Jul
13-Jul
20-Jul
27-Jul
Date


Area 20 Gillnet Fraser Sockeye CPUE
CPUE
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2025
2021
2025 cycle avg (since 2005)
2013
15-Jun
22-Jun
29-Jun
06-Jul
13-Jul
20-Jul
27-Jul
Date

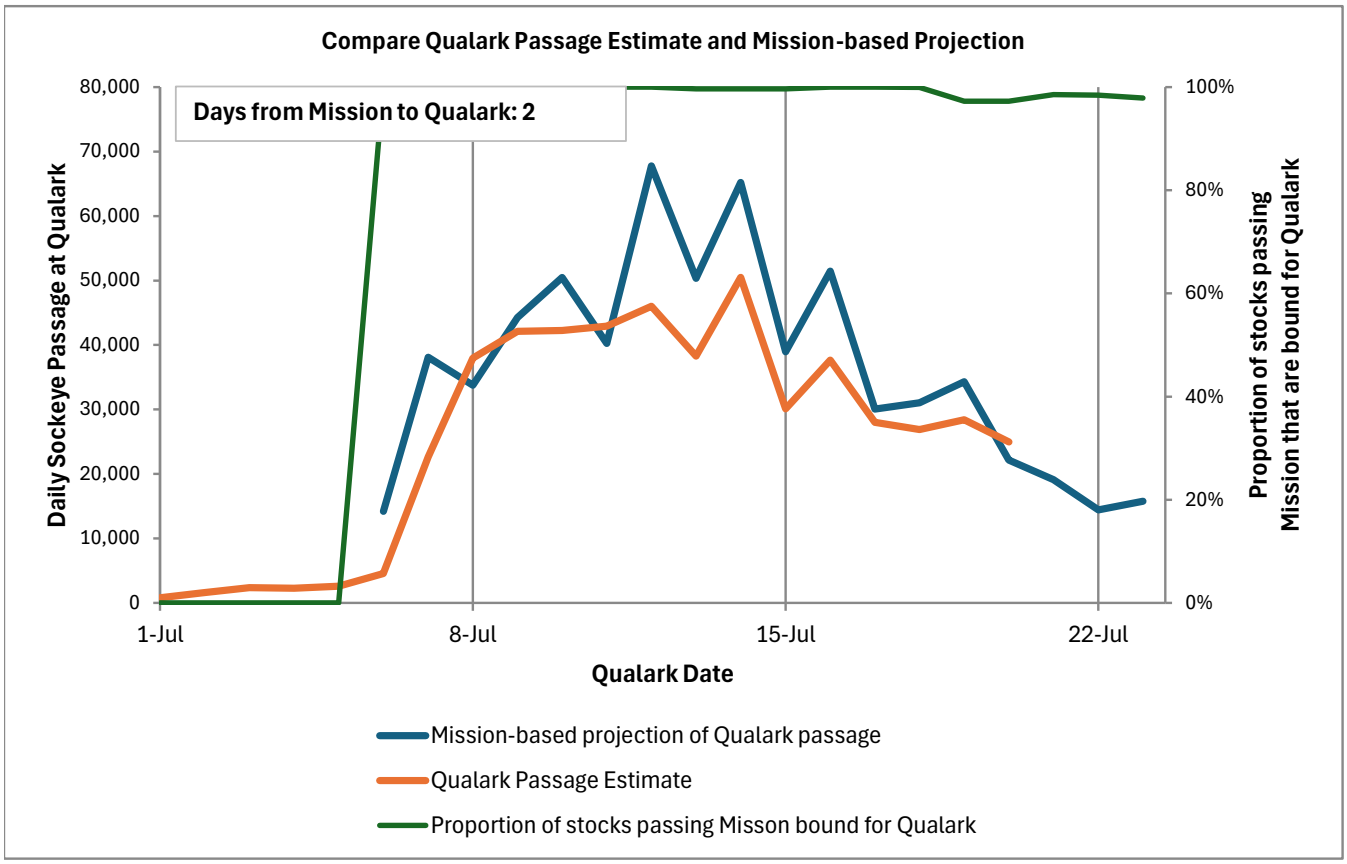
5b. Comparison of predictions from Mission to Qualark

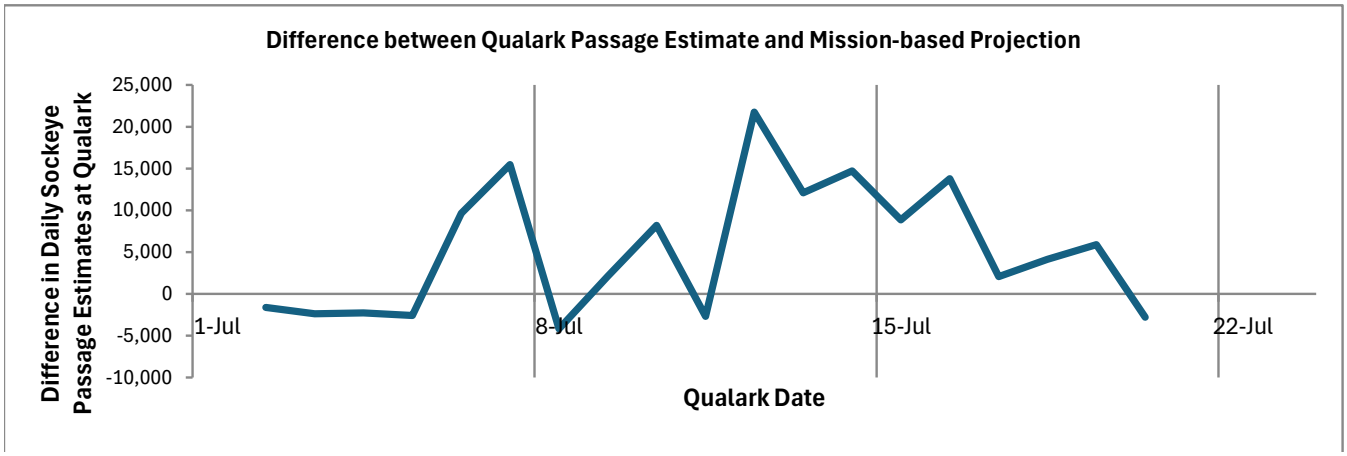
Year: **2025**

Date: 22-Jul-25

Time: 10:19 AM

	All Days	*Common Days
Mission projection	661,590	612,283
Qualark estimate	512,867	503,223
	Difference	**109,060**
	%Difference	**18%**





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]	Sector[2]	Date	Type[3]	Size (n)	%Fraser	Early Stuart	Chilli-wack	Pitt Alouette Coquit-lam	Nadina Bowron Gates Nahat-latch Taseko	Early Thomp-son	Early Summer sub-total	Harri-son Widg-eon	Late Stuart Stellako	Chilko Ques-nel	Raft North Thomp-son	Summer sub-total	Birken-head Big Silver	Late Shuswap Portage	Weaver Cultus	Late sub-total	Age-4$_2$
Johnstone Strait & Queen Charlotte Strait																					
A12 gn	tf	Jul 14	DNA	58	8%	100%					0%					0%				0%	92%
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%
Juan de Fuca Strait & Washington & Other																					
A20 gn	tf	Jul 15	DNA	154	91%	72%	1%	3%	10%	2%	16%	3%	7%	2%		12%				0%	91%
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		Jul 23	Prediction	1	95%	10%	1%	1%	20%	4%	26%		48%	15%		63%	1%			1%	NA
In-river																					
AB gn	tf	Jul17-20	DNA	6	100%	100%					0%					0%				0%	100%
BB gn	tf	Jul14-15	DNA	98	100%	97%			2%		2%			1%		1%				0%	100%
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%		3%				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

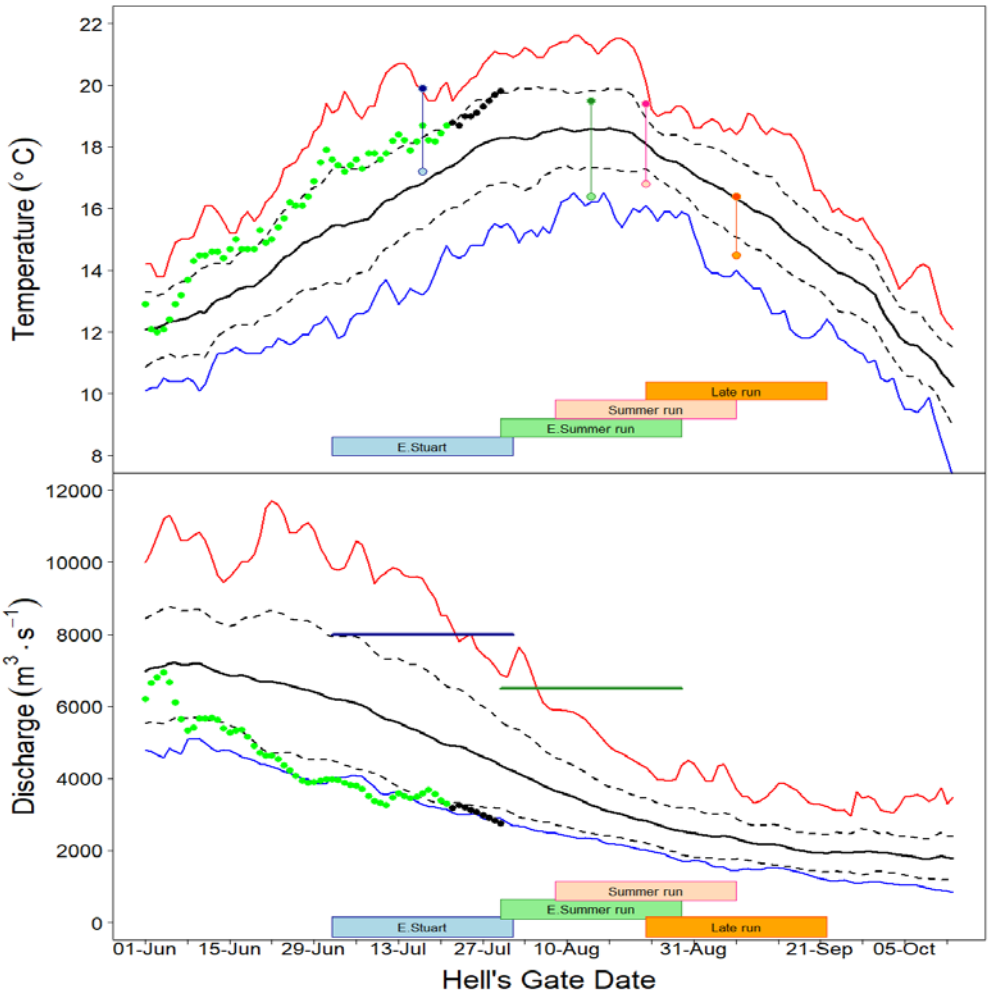
Results in grey text have been presented to the Panel previously

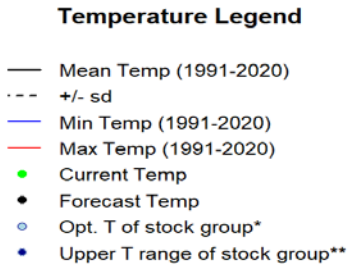
5ei. Environmental report

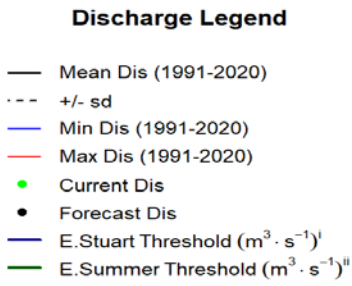
Fraser River Environmental Report for July 21, 2025

Observed Fraser River Temperature at Qualark for 21-Jul	18.7°C
Average (1991-2020) Historical Temperature on this day	17.4°C
Deviation from Average	1.3°C
Forecast Temperature for 27-Jul-25	19.3°C
The forecast in Kamloops and Prince George is for variable temperatures	

Observed Fraser River Discharge at Hope for 21-Jul	3297 $m^3 \cdot s^{-1}$
Average (1991-2020) Historical Discharge on this day	4936 $m^3 \cdot s^{-1}$
% above or below Historical Discharge	-33%
Forecast Discharge for 27-Jul-25	2991 $m^3 \cdot s^{-1}$
The forecast in Kamloops and Prince George is for 5 mm and 0 mm precipitation, respectively.	



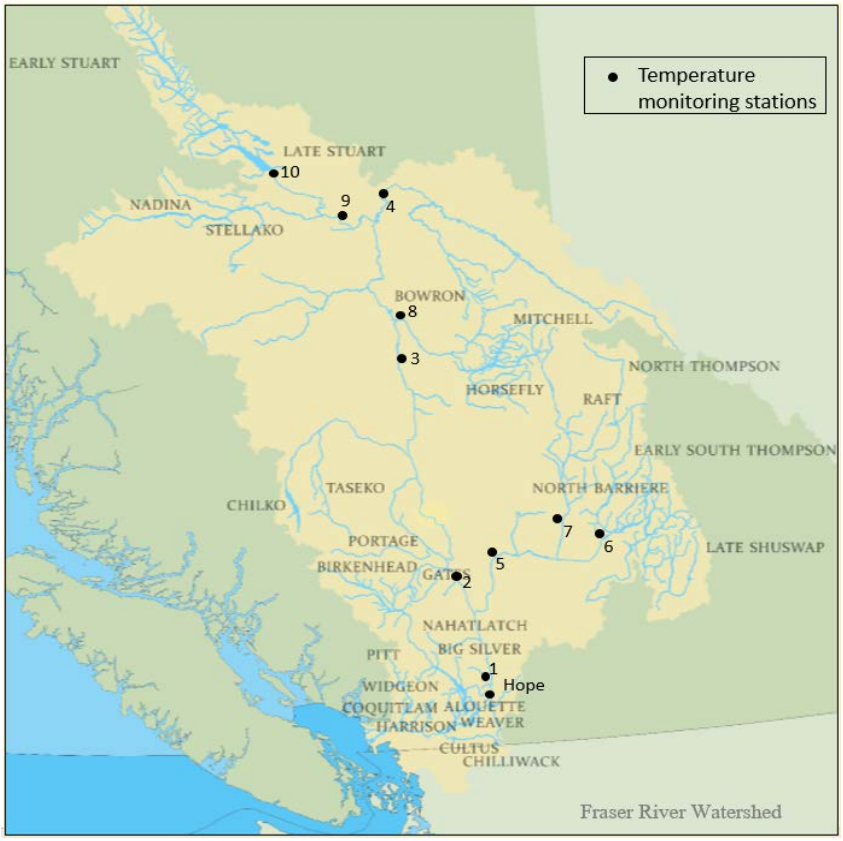




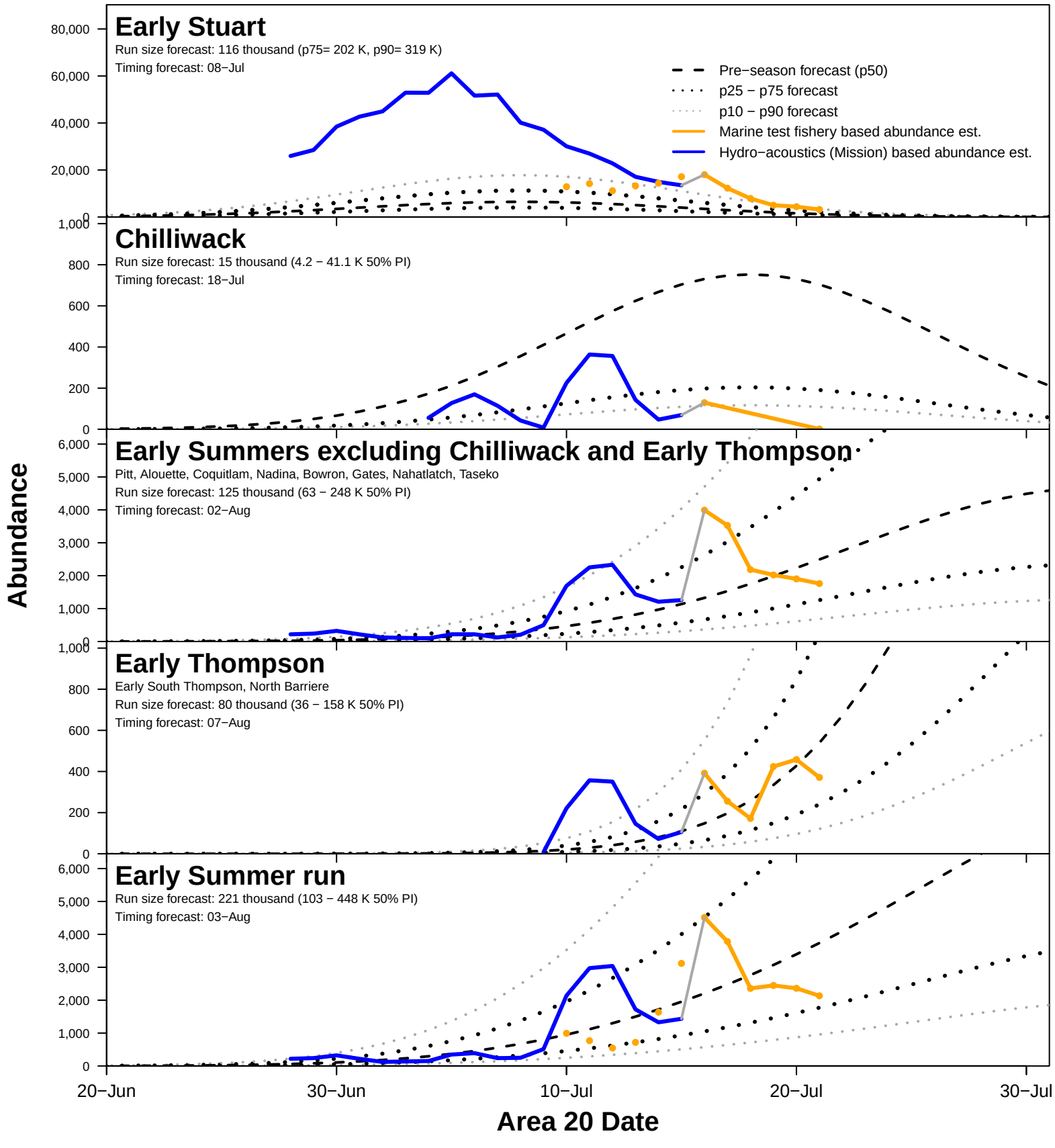
Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run.'pMA is the proportional increase to spawning escapement targets to help ensure targets 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 20-Jul	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
	Fraser River Mainstem				
1	Fraser River @ Qualark	**18.5**	**17.2**	**1.3**	**1991-2020**
2	Fraser River @ Texas Creek	**17.7**	**17.1**	**0.6**	**2006-2024**
3	Fraser River @ Marguerite	**18.0**	**17.1**	**0.9**	**2015-2024**
4	Upper Fraser @ Shelley	**15.3**	**14.2**	**1.1**	**1994-2024**
	Fraser River Tributaries				
5	Thompson R. @ Ashcroft	**17.8**	**16.6**	**1.2**	**1995-2024**
6	South Thompson @ Chase	**19.6**	**17.2**	**2.4**	**1994-2024**
7	North Thompson @ McLure	**15.8**	**14.1**	**1.7**	**2006-2023**
8	Quesnel R. @ Quesnel	**17.5**	**14.6**	**2.9**	**2000-2024**
9	Nechako R. @ Isle Pierre	**19.4**	**18.8**	**0.6**	**2006-2024**
10	Stuart R. @ Ft. St. James	**19.0**	**17.9**	**1.1**	**2000-2024**



6a. 2025 Fraser River sockeye salmon daily migration



Date: 2025−07−22, Time: 10:28 DB

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

Current date: 22-Jul

	Escapement	Projected abundance en route to Mission based on marine test fishery data[1,2]								Escapement +
Area 20 date	past Mission	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	Total	80% PI[3]	projections
Mission date	through 21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul		10p 90p	through 27-Jul
Total Fraser	**666,100**	**30,500**	**24,100**	**4,600**	**13,700**	**14,800**	**2,400**	**90,100**	**46,900 172,100**	**756,200**
Early Stuart	**647,000**	**19,700**	**13,700**	**3,000**	**6,800**	**5,200**	**1,100**	**49,500**	**24,300 102,500**	**696,500**
Early Summer Run	**15,600**	**5,000**	**4,700**	**900**	**2,800**	**3,600**	**700**	**17,700**	**8,700 36,600**	**33,300**
Chilliwack	1,700	100	0	0	0	0	0	100	0 200	1,800
Pitt/Alouette/Coquitlam	1,000	800	600	0	400	200	100	2,100	1,000 4,300	3,100
Nadina group[4]	11,600	3,600	3,900	900	1,800	2,800	400	13,400	6,600 27,700	25,000
Early Thompson[5]	1,300	500	200	0	600	600	200	2,100	1,000 4,300	3,400
Summer Run	**3,500**	**5,600**	**5,400**	**700**	**4,000**	**5,900**	**600**	**22,200**	**13,500 32,000**	**25,700**
Harrison / Widgeon[2]	1,200	700	0	0	0	0	0	700	400 1,000	1,900
Late Stuart / Stellako	1,100	4,500	5,200	600	2,600	4,400	300	17,600	10,700 25,300	18,700
Chilko / Quesnel	1,200	400	200	100	1,400	1,500	300	3,900	2,400 5,600	5,100
Raft / North Thompson	0	0	0	0	0	0	0	0	0 0	0
Late Run	**0**	**200**	**300**	**0**	**100**	**100**	**0**	**700**	**400 1,000**	**700**
Birkenhead / Big Silver	0	0	0	0	100	100	0	200	100 300	200
Late Shuswap / Portage[2]	0	0	0	0	0	0	0	0	0 0	0
Weaver / Cultus[2]	0	200	300	0	0	0	0	500	300 700	500

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

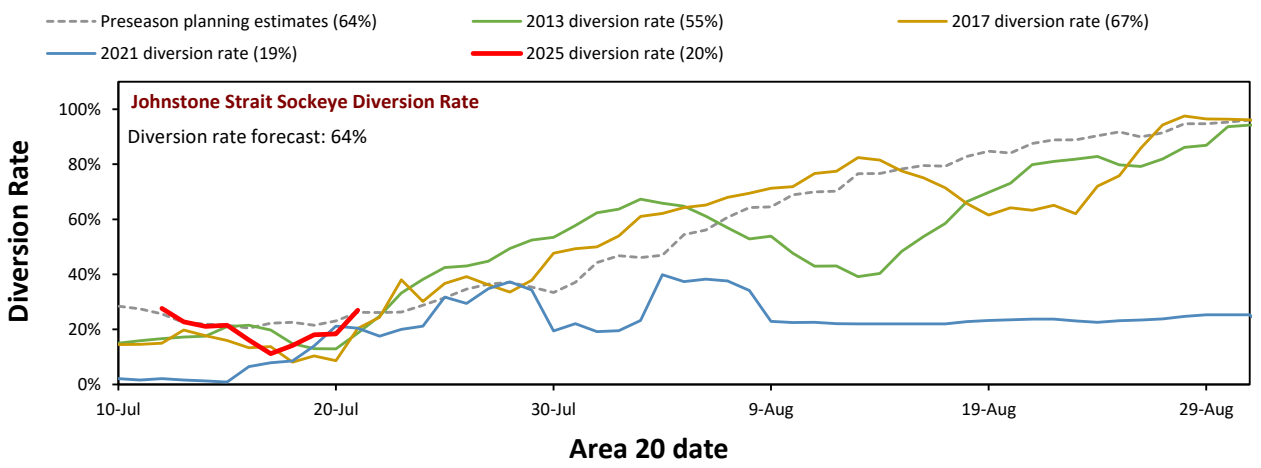
[2] Projected abundances en route to Mission include Harrison and Late runs, an uncertain number of which are expected to delay

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

[4] Nadina / Bowron / Gates / Nahatlatch / Taseko / Early South Thompson / North Barriere

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

	5-day-average
Diversion rate	**27%**



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	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**	● **704,000**	***681,000***	***731,000***	**Recon**	**651,000**	**50,000**	**3,000**	**06-Jul**	**08-Jul**	**06-Jul**	***06-Jul***	***06-Jul***	**Recon**
Early Summer Run	**NA**	**221,000**					**16,000**			**NA**	**03-Aug**				
Chilliwack		15,000	▲ 4,000	2,000	15,000	Recon(2)	2,000	1,000	1,000		18-Jul	18-Jul	09-Jul	27-Jul	p50 Forecast
Nadina Group		80,000					12,000				31-Jul				
Pitt/Alouette/Coquitlam		46,000					1,000				04-Aug				
Early Thompson[5]		80,000					1,000				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

p50 forecast	Preseason forecast level
Recon	Catch + escapement + 6-day test fish projection + model seaward projection
Recon(2)	Catch + escapement + model projections

Run Size Uncertainty Legend†

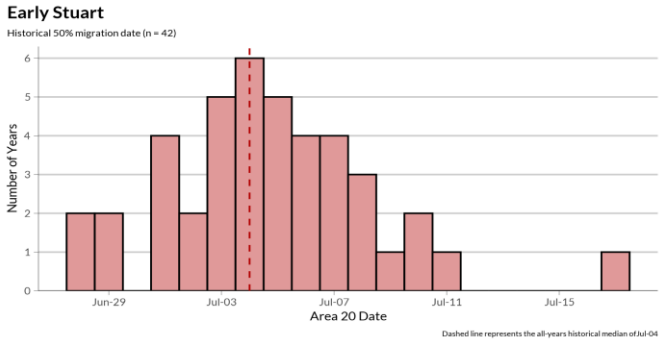
✓ ≥ 95% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 5%. Clear indication of run size; minor run size updates still expected

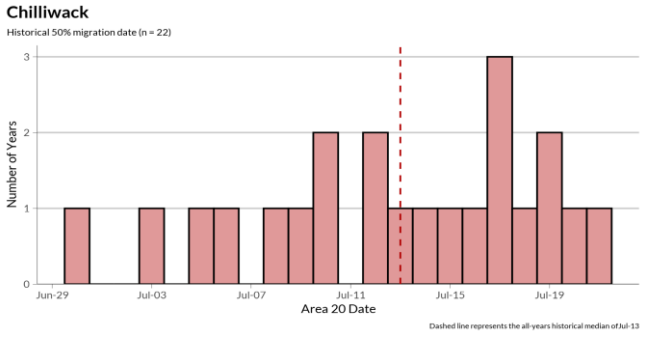
● ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak fo the run has been observed at Mission, uncertainty relates to 6 day projection and seaward abundance

▲ ≥ 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.





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	220,000	NA	03-Aug	NA
Summer Run	No recommendation	2,137,000	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

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

File: 71007

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:	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