



DRAFT AGENDA
PSC Fraser River Panel Meeting
Via Zoom Webinar: <https://psc-org.zoom.us/j/83891544946>

FRP meeting: Friday, July 31, 2026 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) Criteria for fishing decisions table		
☒	f) Run size and timing estimates		
☐	g) Predicted allowable harvest based on run size and DBE scenarios		
	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 (including catch predictions)		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, Pay fish memo, End date for marine fisheries	5 min	Panel
☒	11) Next FRP meeting and agenda	2 min	PSC staff/Panel
	12) Next TC meeting: August 6		PSC staff
☒	13) Data acknowledgements		

Legend: ☒ Included in the distribution, to be discussed at the Fraser River Panel meeting
☒ Included in the distribution, to be discussed only when requested
☐ 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

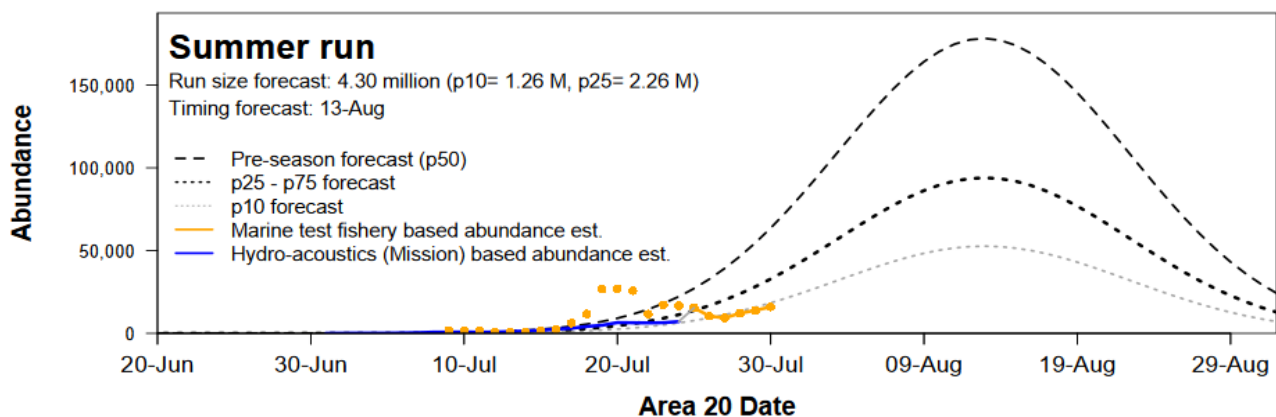
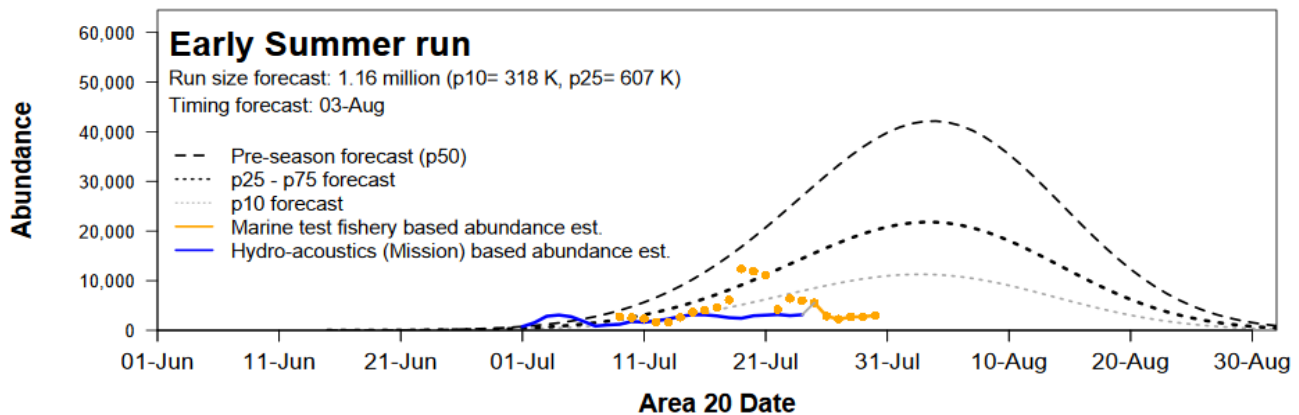
2026 Run status of Fraser sockeye and pink salmon

Date: Jul. 31, 2026

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. 26 - Aug. 1, 2026	Sockeye				
	Management Group				Total Fraser
	E.Stuart	E.Summer	Summer	Late	
Mission passage (incls Pitt, Alouette, Coquitlam)	46,000	55,300	55,800	4,500	161,600
Catch downstream of Mission	100	900	2,200	700	3,900
Accounted Run To Date	46,100	56,200	58,000	5,200	165,500
Adopted In-season run size ¹	46,000	540,000	na	na	0
Pre-season run size	62,670	1,163,680	4,304,780	2,212,260	7,743,390
Area 20 timing adopted in-season	1-Jul	5-Aug	na	na	na
Area 20 timing expected pre-season	4-Jul	3-Aug	13-Aug	20-Aug	14-Aug
Johnstone Str. Diversion Rate	In-season 5-day average				79%
	Preseason forecast of annual rate				67%

¹ In-season 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

2026 Catch-to-date by fishery

Date: Jul. 31, 2026

Week of: Jul. 26 - Aug. 1, 2026		Sockeye		Catch File Last Modified*****
		Total	Fraser	
Canada		339	223	
	Commercial	0	0	
	B Purse Seine	0	0	
	D Gillnet	0	0	
	First Nations	289	181	
	Food, Social & Ceremonial (FSC)	289	181	
	Marine	289	181	2026-07-29 16:40
	Fraser R.	0	0	
	Economic Opportunity (EO) & Demonstration (Demo)	0	0	
	Single Stock FSC (SS FSC)	0	0	
	Recreational	0	0	2026-07-30 8:46
	Charter (Albion & A12 Chum test fishery)	42	42	
	Other****	8	0	2026-07-23 8:18
United States		0	0	
	Commercial	0	0	
	Treaty Tribes (TRB)	0	0	
	All Citizen (AC)	0	0	
	Treaty Tribes Ceremonial & Subsistence (C&S)	0	0	
	All Citizen Recreational	0	0	
	Other****	0	0	
	Alaska *	na	na	
Panel-approved Test Fisheries		4,539	3,915	
	Panel Waters	2,525	2,316	
	Canada	2,265	2,076	
	U.S.	260	240	
	Non-Panel Waters**	2,014	1,599	
Total		4,878	4,138	
	Catch Seaward of Mission ***	4,562	3,822	
	Catch Upstream of Mission	316	316	

* 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.

*****Date and time that the catch report provided by the sender was modified.

4d. TAC table

		Fraser Sockeye					
		Early Stuart	Early Summer	Summer	Lates	Total	
RUN STATUS, ESCAPEMENT NEEDS & AVAILABLE SURPLUS							
Pre-season Forecast (50p)		62,670	1,163,680	4,304,780	2,212,260	7,743,390	
Pre-season or Adopted In-season Run Size		46,000	540,000	4,304,780	2,212,260	7,103,040	
In-season Est. as % of Pre-season Forecast		73%	46%	100%	100%	92%	
Adult Spawning Escapement Target (SET)		46,000	313,400	1,721,900	1,213,300	3,294,600	
%SET from TAM rules		100%	58%	40%	55%		
Management Adjustment (MA)		49,680	84,620	516,570	521,720	1,172,590	
Proportional MA (pMA)		1.08	0.27	0.30	0.43		
Adjusted Spawning Escapement Target (SET) *		46,000	398,020	2,238,470	1,735,020	4,417,510	
Test Fishing (TF)		300	5,526	21,573	11,929	39,328	
Surplus above Adjusted SET & Test fishing		0	136,454	2,044,737	465,311	2,646,502	
Exploitation Rate represented by Surplus		0%	25%	47%	21%	37%	
DEDUCTIONS & TAC FOR INTERNATIONAL SHARING							
Aboriginal Fishery Exemption (AFE)		0	57,748	206,500	135,752	400,000	
Available Aboriginal Fishery Exemption							
Total Deductions (Adj. SET + TF + Available AFE)		46,300	461,294	2,466,543	1,882,701	4,856,838	
Available TAC for International Sharing		0	78,706	1,838,237	329,559	2,246,502	
UNITED STATES (Washington) TAC							
Proportionally Distributed TAC **		16.5%	0	12,990	303,310	54,380	370,680
U.S. Payback **		5.0%	0	650	15,170	2,720	18,534
Proportionally Distributed TAC - Payback		0	12,340	288,140	51,660	352,140	
Treaty Tribes Share **		67.7%	0	8,350	195,070	34,970	238,390
All Citizen Share		32.3%	0	3,990	93,070	16,690	113,750
CANADA TAC							
Aboriginal Fishery Exemption (AFE)		0	57,748	206,500	135,752	400,000	
Canadian TAC + AFE		0	124,114	1,756,597	413,651	2,294,362	
CATCH-TO-DATE							
Test		240	920	2,120	640	3,910	
Treaty Tribes (Wash.) / Ceremonial (TRB)		0	0	0	0	0	
All Citizen (Wash.)		0	0	0	0	0	
Recreational							
Other (Wash.)***		0	0	0	0	0	
Washington		0	0	0	0	0	
First Nations Catch (including AFE)		0	40	110	30	180	
Planned Charter & Recreational Shares		0	10	20	0	40	
Other***		0	0	0	0	0	
Total Commercial (including FN EO/Demo****)		0	0	0	0	0	
Canada		0	50	130	30	220	
Total Catch in All Fisheries		240	970	2,250	670	4,140	
Exploitation Rate (catch-to-date / run size)		0.5%	0.2%	0.1%	0.0%	0.1%	
Fisheries induced mortalities (Canada, U.S. & TF)		5	10	6	0	21	
Exploit. Rate with fishery-induced mortality included		0.5%	0.2%	0.1%	0.0%	0.1%	
CATCH REMAINING (BALANCE)							
Washington		0	12,340	288,140	51,660	352,140	
Canada		0	124,064	1,756,467	413,621	2,294,152	
Balance Remaining [below share / -above share]		0	136,404	2,044,607	465,281	2,646,292	

* 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).
Total payback: 83,700

*** May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species.

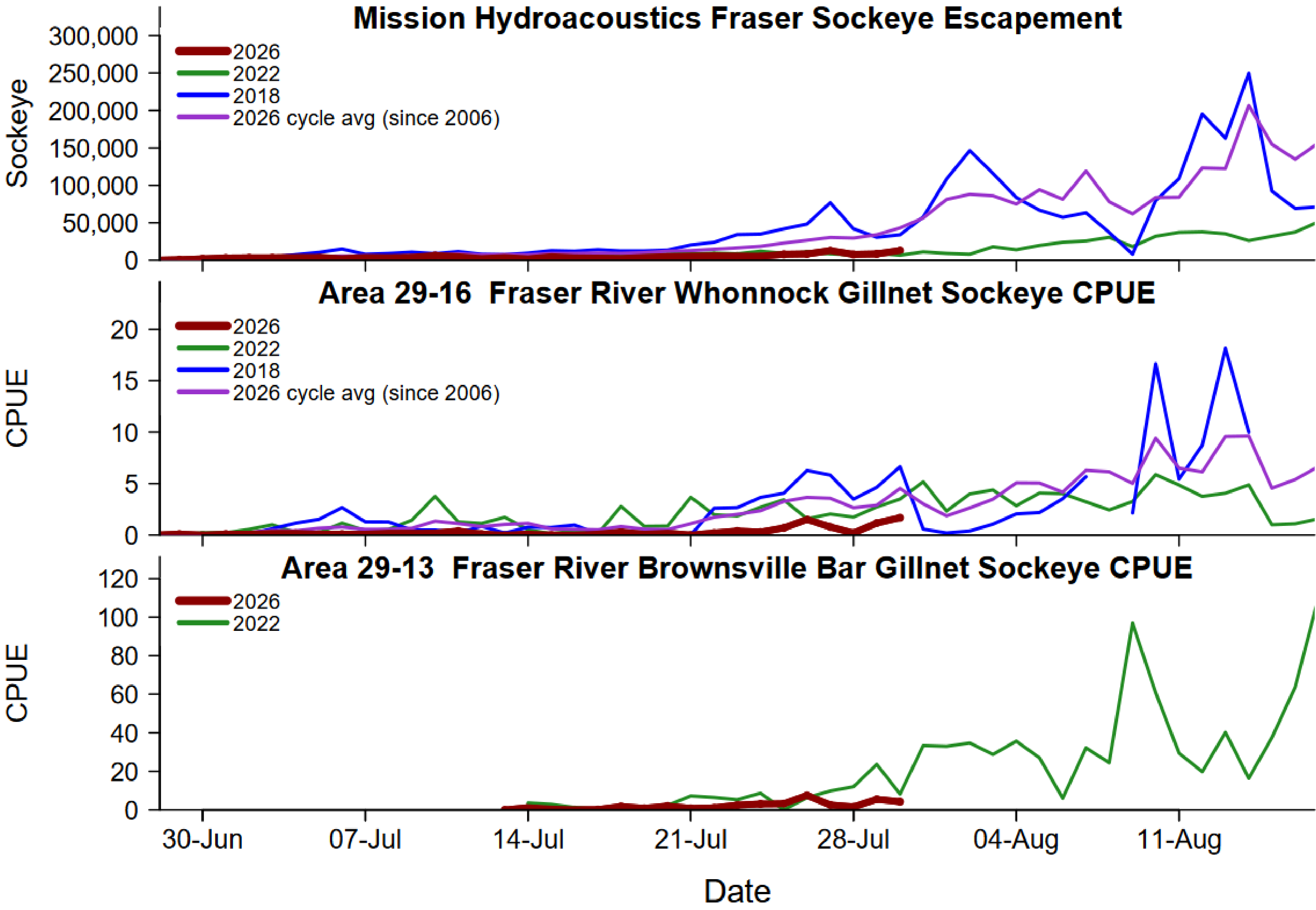
**** EO = FN Economic Opportunity fisheries; Demo = FN Demonstration fisheries.

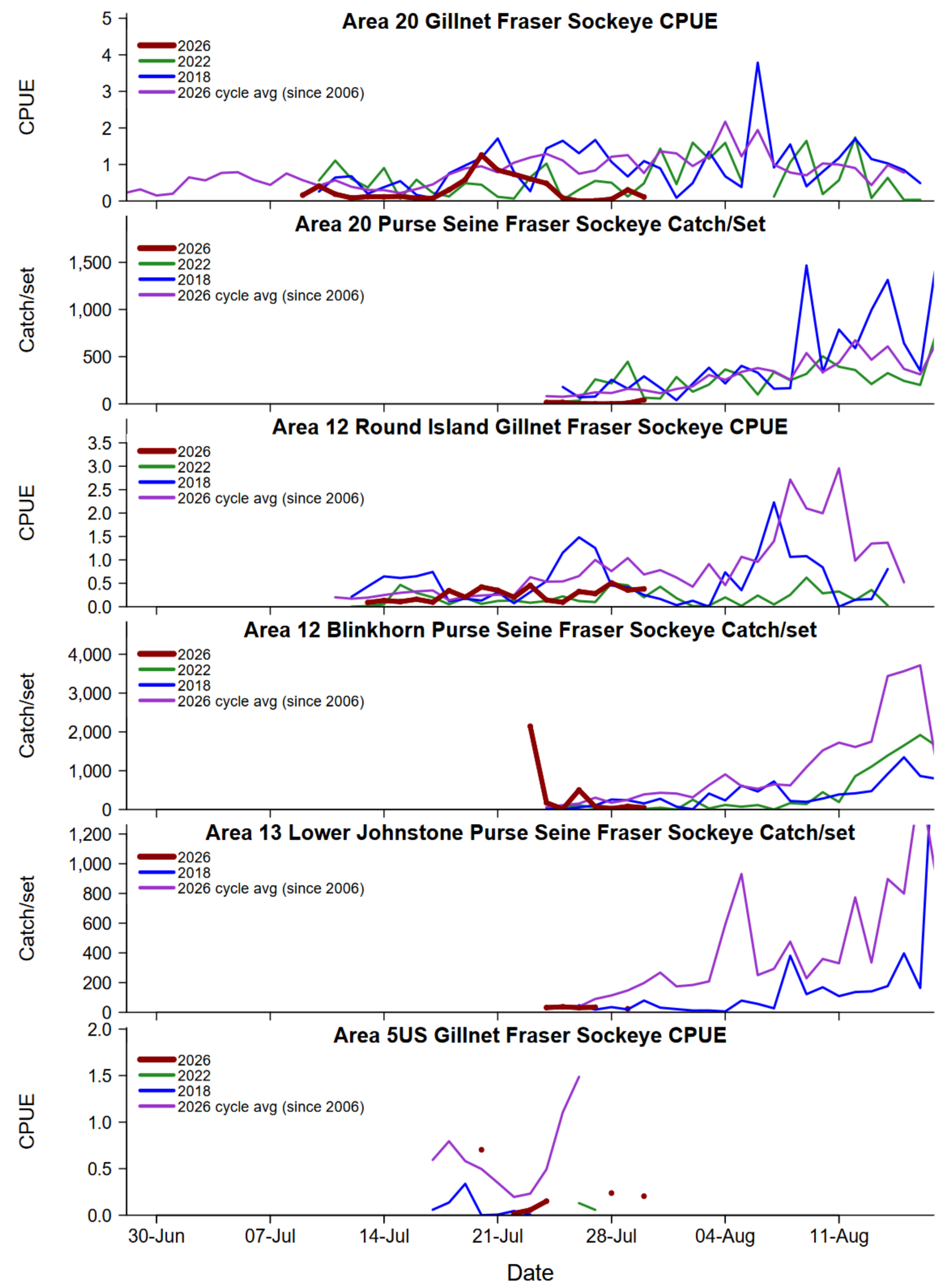
5a_Test Fishing & Escapement Summary_Sockeye

2026 Fraser Sockeye Test Fishing Catch, CPUE, & Escapement Summary

Area/Gear Location From A20	Johnstone Strait			Juan de Fuca Strait			Fraser River							
	A12 GN Round Island	A12 PS Blinkhorn	A13 PS	A20 GN ¹ Port Renfrew	A20 PS Port Renfrew	A5 GN Juan de Fuca	Brownsville Bar GN A29-16	Whonnock GN A29-16	Qualark		Mission Hydroacoustics		Hells Gate	
	Catch (CPUE) (-2 days)	Catch (CPUE) (-1 day)	Catch (CPUE) (+1 day)	Catch (CPUE) (0 days)	Catch (CPUE) (0 days)	Catch (CPUE) (+½ day)	Catch (CPUE) (+5 days)	Catch (CPUE) (+6 days)	Catch (CPUE) (+8 days)	Estimate ²	Method ³	Estimate ⁴ (+6 days)	Method ⁵ (+10 days)	Estimate ⁶
13-Jul	27 (0.43)			28 (0.12)			0 (0)	0 (0)	12 (26.56)	4,100	RB + LB	3,700	L+M+R	Estimate Not Available
14-Jul	37 (0.64)			28 (0.12)			8 (1.18)	1 (0.1)	11 (23.96)	3,600	RB + LB	2,000	L+M+R	Estimate Not Available
15-Jul	30 (0.54)			30 (0.13)			3 (0.47)	0 (0)	8 (17.19)	2,900	RB + LB	4,800	L+M+R	Passage Confirmed
16-Jul	45 (0.8)			18 (0.08)			1 (0.15)	0 (0)	12 (26.56)	4,300	RB + LB	3,300	L+M+R	Estimate Not Available
17-Jul	26 (0.49)			18 (0.08)			1 (0.16)	1 (0.1)	5 (11.98)	2,400	RB + LB	3,000	L+M+R	Estimate Not Available
18-Jul	68 (1.23)			74 (0.31)			11 (1.76)	3 (0.3)	14 (32.81)	4,000	RB + LB	2,500	L+M+R	Estimate Not Available
19-Jul	32 (0.56)			139 (0.58)		DNF	5 (0.81)	1 (0.08)	1 (2.08)	600	RB + LB	3,900	L+M+R	Estimate Not Available
20-Jul	54 (0.95)			307 (1.26)		162 (0.7)	13 (1.99)	2 (0.19)	8 (16.67)	3,400	RB + LB	4,800	L+M+R	Estimate Not Available
21-Jul	44 (0.79)			207 (0.85)		DNF	5 (0.79)	0 (0)	6 (15.1)	2,300	RB + LB	5,400	L+M+R	Estimate Not Available
22-Jul	23 (0.4)			177 (0.73)		2 (0.02) (1 set)	7 (1.08)	2 (0.2)	5 (10.42)	2,600	RB + LB	5,900	L+M+R	Estimate Not Available
23-Jul	42 (0.72)	14,751 (2,458.5)		105 (0.6)		8 (0.06)	16 (2.45)	4 (0.39)	6 (13.02)	2,800	RB + LB	5,600	L+M+R	Estimate Not Available
24-Jul	13 (0.22)	1,245 (207.5)	163 (32.6) (5 sets)	118 (0.48)	97 (16.2)	20 (0.15) (1 set)	20 (3.05)	3 (0.28)	8 (16.67)	3,600	RB + LB	5,400	L+M+R	Estimate Not Available
25-Jul	8 (0.15)	97 (16.2)	225 (37.5)	20 (0.08)	98 (16.3)	DNF	21 (3.17)	8 (0.69)	9 (19.79)	4,200	RB + LB	7,800	L+M+R	Estimate Not Available
26-Jul	27 (0.49)	3,406 (567.7)	191 (31.8)	0 (0)	11 (3.7) (3 sets)	DNF	56 (7.48)	16 (1.51)	16 (33.33)	4,800	RB + LB	8,300	L+M+R	Estimate Not Available
27-Jul	21 (0.42)	483 (80.5)	137 (34.3) (4 sets)	2 (0.01)	0 (0.0)	DNF	16 (2.53)	8 (0.78)	19 (47.92)	6,900	RB + LB	12,700	L+M+R	Estimate Not Available
28-Jul	32 (0.59)	161 (26.8)	DNF	12 (0.05)	4 (0.7)	44 (0.28)	10 (1.55)	2 (0.19)	17 (48.75) (5 sets)	7,300	RB + LB	7,700	L+M+R	Estimate Not Available
29-Jul	21 (0.4)	557 (92.8)	71 (23.7) (3 sets)	76 (0.3)	50 (8.3)	DNF	39 (5.48)	12 (1.16)	25 (52.08)	9,400	RB + LB	8,300	L+M+R	Estimate Not Available
30-Jul	24 (0.42)	302 (50.3)	DNF	14 (0.11) (2 sets)	268 (44.7)	24 (0.2) (1 set)	29 (4.21)	18 (1.68)	15 (31.25)			12,800	L+M+R	Estimate Not Available
31-Jul														

¹ Area 20 Gillnet - two boats fishing each day
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:
L + M + R = Left-bank ARIS (L) + Mobile ARIS (M) + Right-bank ARIS (R)
⁶ Daily Hells Gate abundance estimate; actual daily count has been expanded. Estimate not available indicates that passage estimates were not available at the time of reporting due to operational or safety-related challenges. Passage confirmed indicates that fish were observed upstream of the fishways.
DNF = Did Not Fish





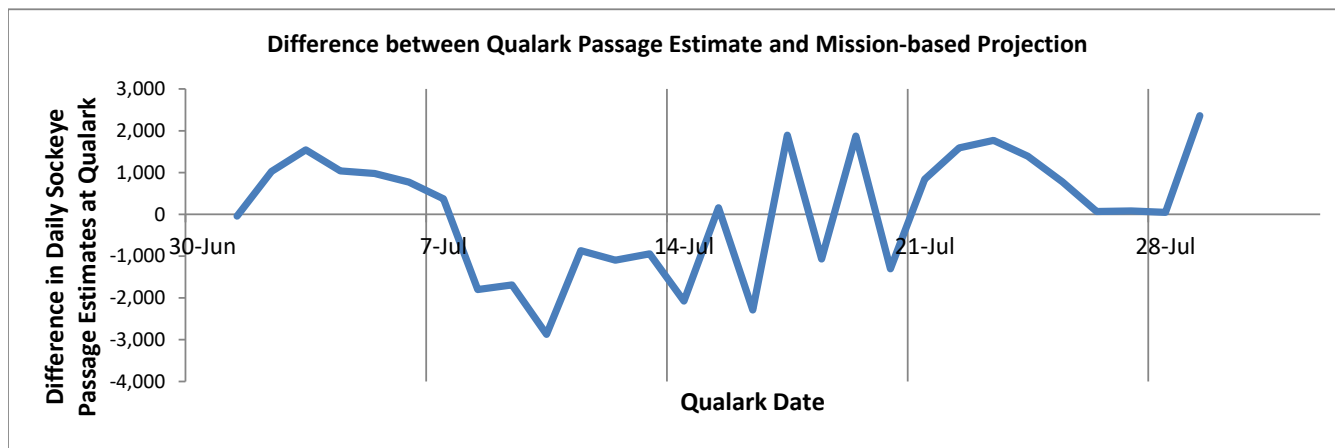
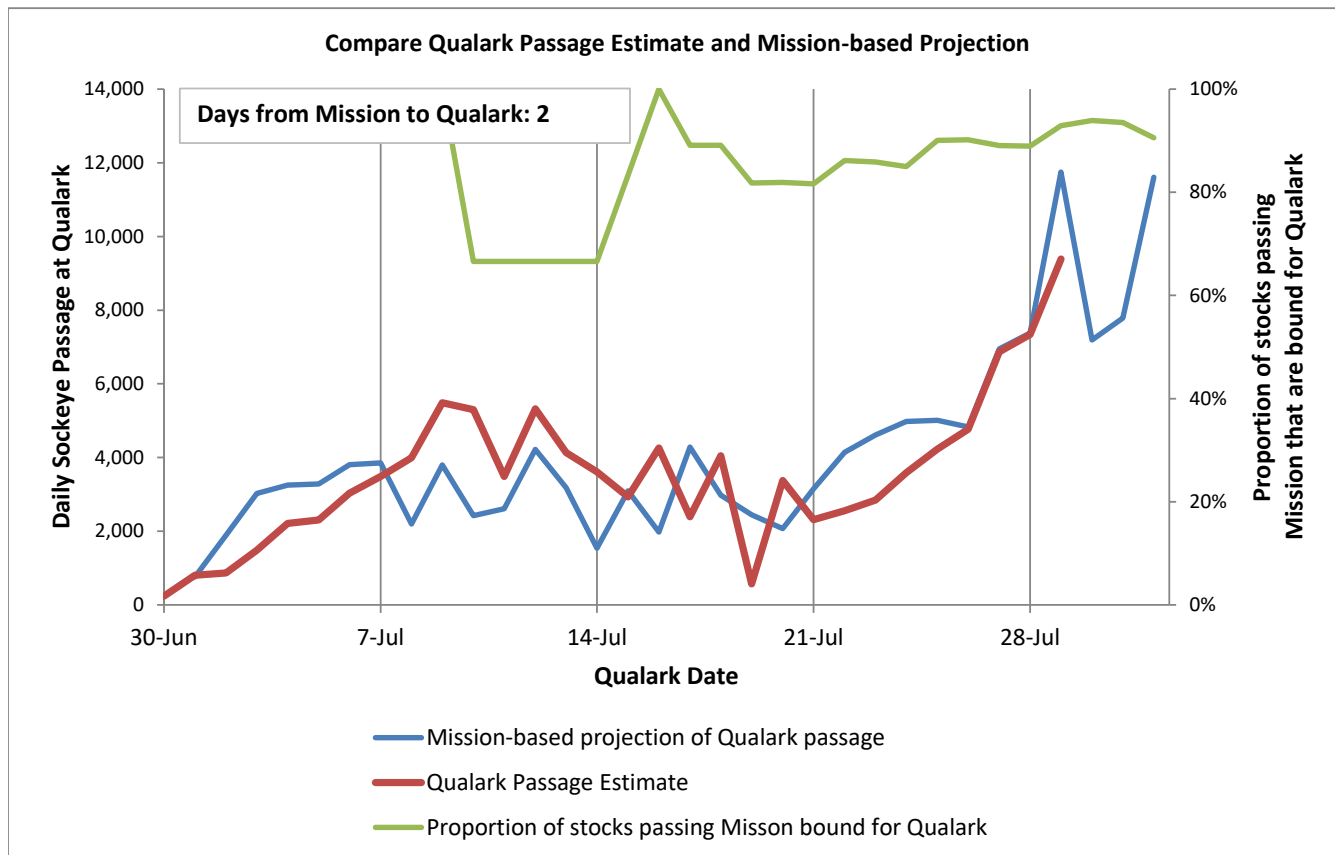
5b. Comparison of predictions from Mission to Qualark

Year: 2026

Date: 31-Jul-26

Time: 9:48 AM

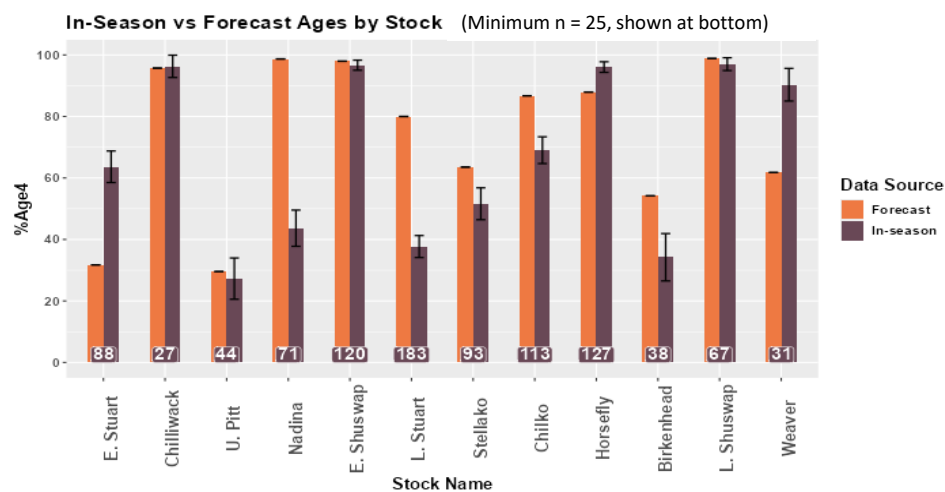
	All Days	*Common Days
Mission projection	136,076	109,495
Qualark estimate	107,230	106,992
	Difference	2,503
	%Difference	2%



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				Fraser Stocks
							Nadina Bowron				Early Summer sub-total	Summer				Summer sub-total	Late			Late sub-total	Age-4 ₂
							Pitt Alouette	Gates Nahat-latch	Early Thompson	Harri-son		Late Stuart	Chilko Ques-nel	North Thompson	Birken-head		Late Shuswap	Weaver Cultus			
Area/Gear ¹	Sector ²	Date	Type ³	Size (n)	%Fraser	Early Stuart	Chilli-wack	Coquit-lam	Taseko	Thomp-son	Early Summer sub-total	Widg-eon	Stuart Stellako	Ques-nel	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 ps	tf	Jul 24	DNA	99	83%	0%			2%	13%	15%	2%	22%	30%	1%	54%	3%	27%	1%	30%	72%
A12 gn	tf	Jul26-27	DNA	47	66%	0%			8%	5%	12%		20%	52%		72%		6%	10%	16%	83%
A12 ps	tf	Jul 27	DNA	98	91%	0%			3%	11%	15%		18%	38%	2%	58%		22%	6%	27%	84%
A13 ps	tf	Jul 27	DNA	36	100%	0%				10%	10%		17%	41%	1%	59%	6%	14%	11%	30%	70%
A12 gnps		Jul 31	Prediction	1	92%	0%			3%	6%	9%		10%	50%	1%	61%	1%	23%	6%	30%	NA
Juan de Fuca Strait & Washington & Other																					
A20 at	tf	Jul27-28	DNA	8	88%	0%				30%	30%			41%		41%	29%			29%	80%
A20 gn	tf	Jul 28	DNA	6	83%	0%					0%	20%		20%		40%	20%	40%		60%	50%
A20 ps	tf	Jul28-29	DNA	54	96%	0%		4%	0%	9%	13%	1%	15%	41%		57%	12%	13%	6%	30%	74%
A20 gnps		Jul 31	Prediction	1	98%	0%		2%		7%	9%	0%	13%	49%		63%	2%	20%	6%	28%	NA
In-river																					
AB gn	tf	Jul25-26	DNA	23	100%	0%			5%	9%	14%		30%	41%	1%	73%	13%			13%	52%
BB gn	tf	Jul24-25	DNA	41	100%	8%	5%	7%	8%	8%	28%	2%	32%	27%		61%	2%			2%	70%
BB gn	tf	Jul26-28	DNA	81	100%	0%	1%	4%	9%	19%	33%		37%	26%		63%	4%			4%	73%



Note: Age composition from identified individuals may not be representative of the entire run

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 30, 2026

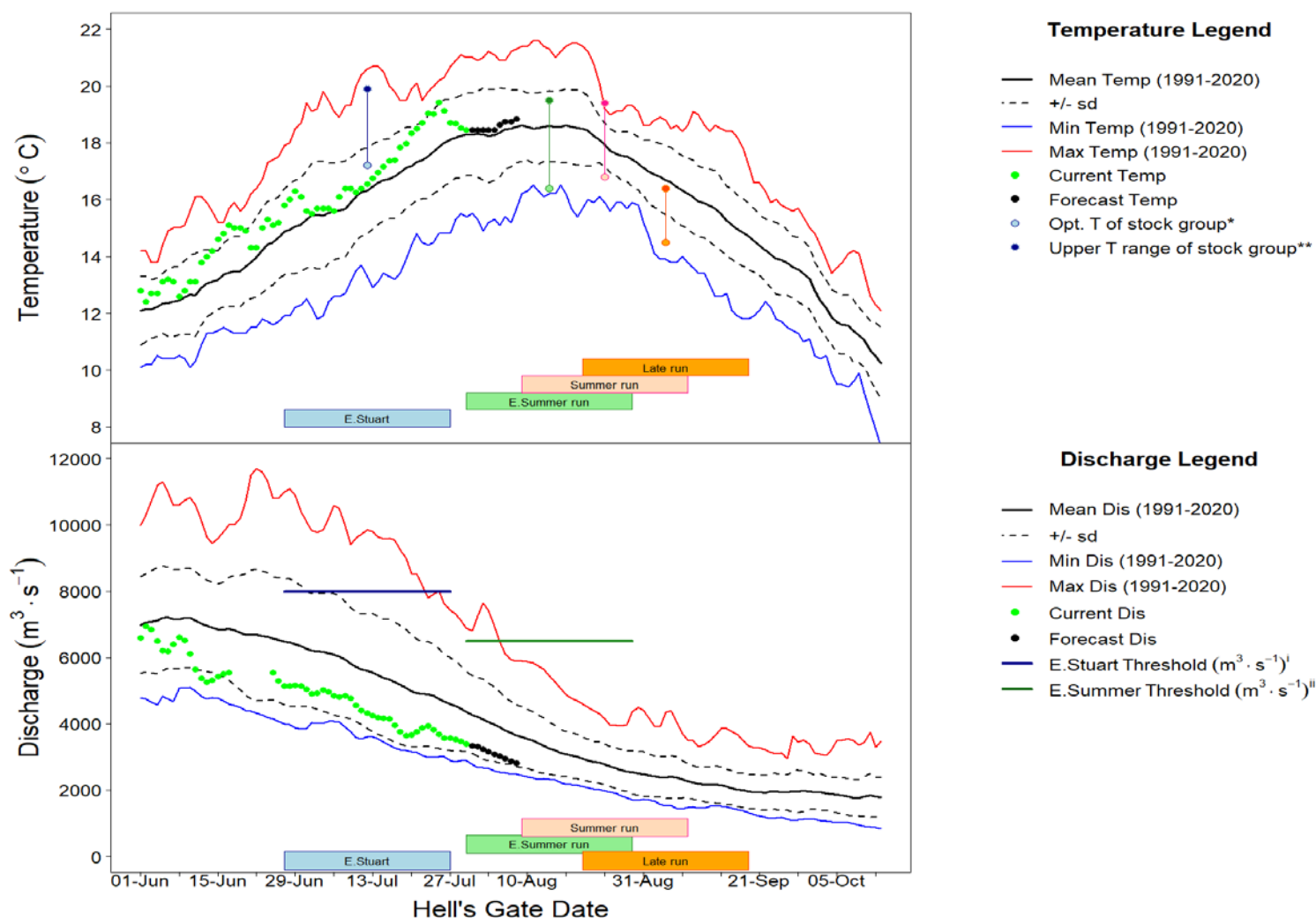
Observed Fraser River Temperature at Qualark for 30-Jul	18.4°C
Average (1991-2020) Historical Temperature on this day	18.3°C
Deviation from Average	0.1°C
Forecast Temperature for 05-Aug-26	18.6°C

The forecast in Kamloops and Prince George is for variable temperatures.

Smoke in the Fraser watershed may cause some uncertainty in the water temperature forecast.

Observed Fraser River Discharge at Hope for 30-Jul	3400 m ³ ·s ⁻¹
Average (1991-2020) Historical Discharge on this day	4371 m ³ ·s ⁻¹
% above or below Historical Discharge	-22%
Forecast Discharge for 05-Aug-26	3024 m ³ ·s ⁻¹

The forecast in Kamloops and Prince George is for 3 mm and 17 mm of 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. ⁱⁱDBE 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.

Seiii. Current temperatures in areas of the Fraser Watershed

Current Temperatures					
Map #	29-Jul	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
<u>Fraser River Mainstem</u>					
1	Fraser River @ Qualark	18.5	18.3	0.2	1991-2020
2	Fraser River @ Texas Creek	17.7	18.1	-0.4	2006-2025
3	Fraser River @ Marguerite	17.4	18.2	-0.8	2015-2025
4	Upper Fraser @ Shelley	13.5	15.2	-1.7	1994-2025
<u>Fraser River Tributaries</u>					
5	Thompson R. @ Ashcroft	17.7	17.8	-0.1	1995-2025
6	South Thompson @ Chase	19.2	19.2	0.0	1994-2025
7	North Thompson @ McLure	15.6	15.6	0.0	2006-2025
8	Quesnel R. @ Quesnel	17.8	16.4	1.4	2000-2025
9	Nechako R. @ Isle Pierre	18.0	19.4	-1.4	2006-2025
10	Stuart R. @ Ft. St. James	18.2	18.8	-0.6	2000-2025



5eiv. Summary of the T̓silhqot'in National Government-led Emergency Salmon Taskforce Update

Link to full report in the Fraser Panel Technical Committee distribution: [2026 07 30 Distribution.pdf](#) (pgs. 14-24).

Key observations from this period include:

- A cumulative total of 3,535 salmon have been counted since the start of the program on June 16, 2026, including 2,542 salmon >80 cm in length, 749 salmon 65 to 79 cm in length, and 244 salmon 50 to 64 cm in length (Section 2.1). June 16 is the earliest start date for sonar monitoring in the Chilcotin River to date (2025 start date was June 24).
- Mean daily discharge upstream of the slide site (Hanceville) reached a maximum of 241 m³/s on July 26, 2026, which is slightly higher than peak freshet flows recorded on July 2, 2026 (240 m³/s).
- No 50 to 64 cm salmon were detected between July 21 and July 27, 2026 and no upstream movement has been documented since July 15, 2026. For context, salmon in this size class were detected in low numbers (<35 fish per day) during the same period in 2025, and abundance rapidly increased after the first week of August.
- Larger size classes of salmon were continuously detected at Hanceville, suggesting that passage past Farwell Canyon and the T̓silhqox landslide has been maintained for these fish. A tree disrupted operation of the river left sonar from 1000 on July 25, 2026 until 1330 on July 27, 2026.
- A period of elevated turbidity (maximum of 207 NTU) occurred downstream of the slide site on July 21, 2026 (recorded at Farwell Canyon). Turbidity above the slide site (Hanceville) on the same day remained lower, with a daily maximum of 33 NTU. One of the two Farwell Canyon turbidity stations (CHN-FCTU01) has been offline since 1300 on July 21, 2026, data has been backfilled from the second station (CHN-FCLG02) which remains operational.
- Daily mean turbidity in the Chilcotin River downstream of the slide site (Farwell Canyon) is 106 NTU higher (as of July 21, 2026) than upstream of the slide site (Hanceville) (Section 3.1).
- Daily mean turbidity in the Fraser River downstream of the Chilcotin River confluence (Gang Ranch) is 8 NTU higher (as of July 24, 2026) than upstream of the Chilcotin River confluence (Sheep Creek) (Section 3.2). The Sheep Creek turbidity station was dewatered from 1300 on July 16, 2026, to 0300 on July 22, 2026, and after 0400 on July 24, 2026. Servicing was completed on July 28, 2026, and the station is now operational.

5ev. Report on Fish Condition

Date of Power BI Report

29-Jul-26 09:18

Latest SK Data Entry Date

29-Jul-26 8:00

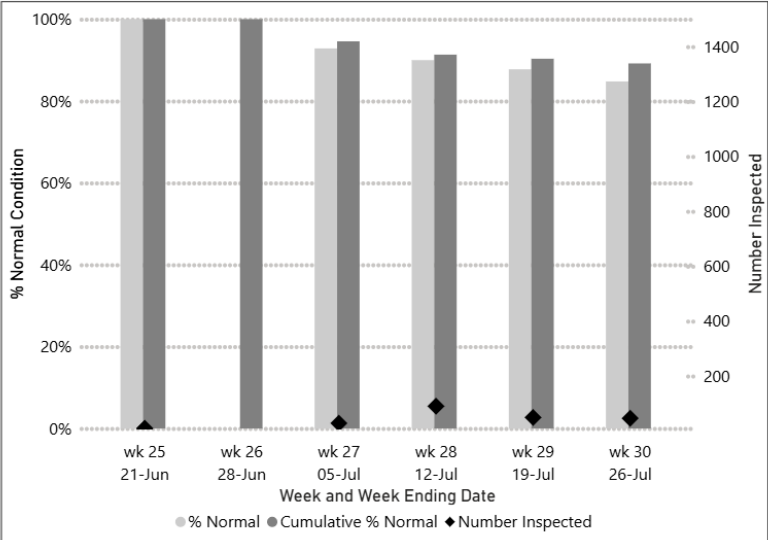
Mid-Fraser Biological Condition and Number of Sockeye Inspected

Sockeye health 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)

Week and Week End Date

Comments

wk 19 10-May	No Monitoring
wk 20 17-May	No Monitoring
wk 21 24-May	No Monitoring
wk 22 31-May	No Monitoring
wk 23 07-Jun	No Monitoring
wk 24 14-Jun	No Monitoring
wk 25 21-Jun	No Monitoring
wk 26 28-Jun	No Monitoring
wk 27 05-Jul	Monitoring
wk 28 12-Jul	Monitoring; Monitoring



Sample Size by Site

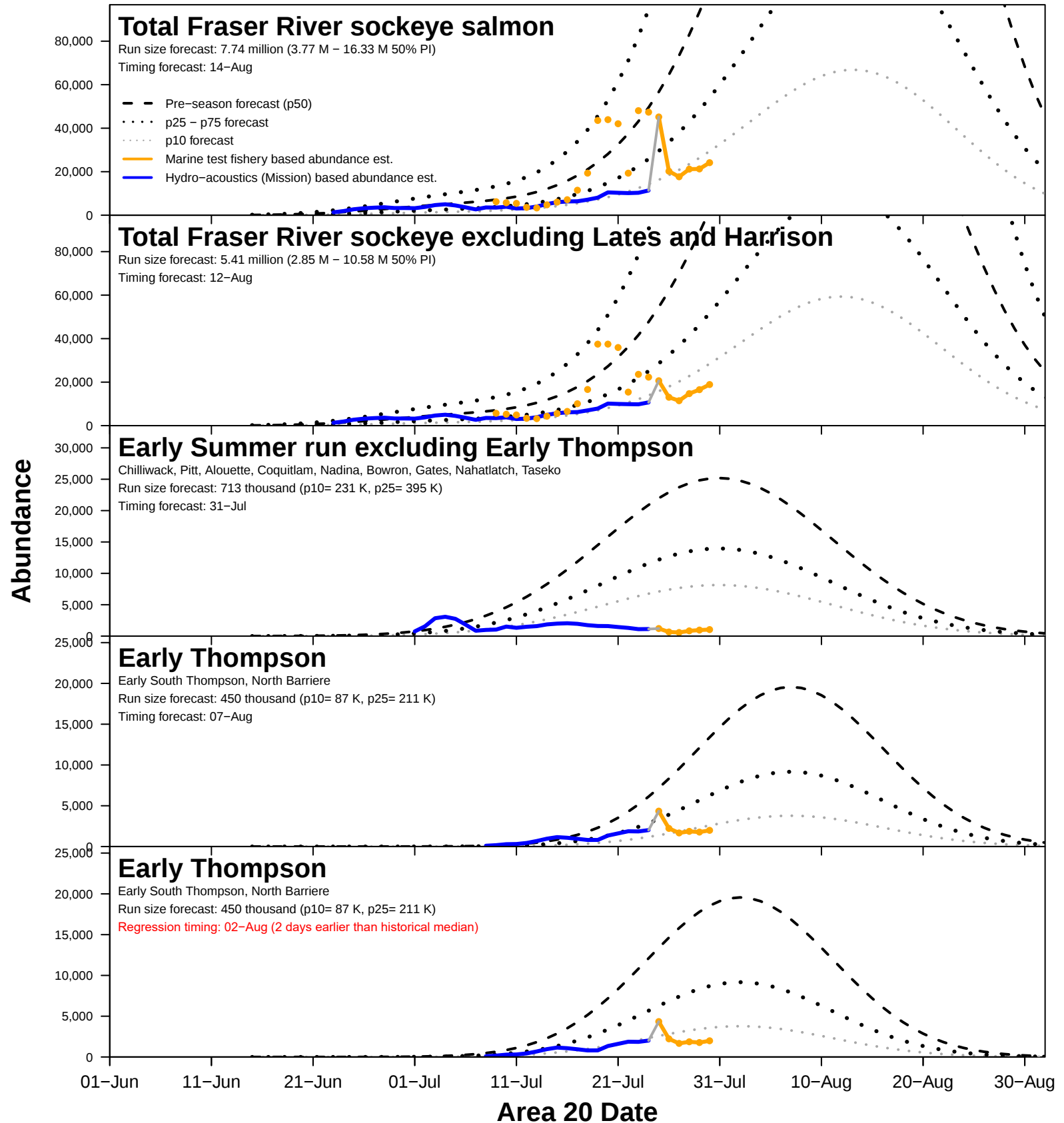
Week and Week End Date	All	D04	D07b	D14	Qualark	Total
wk 25 21-Jun				9		9
wk 27 05-Jul					28	28
wk 28 12-Jul		0			90	90
wk 29 19-Jul		0	4		45	49
wk 30 26-Jul		0			46	46
Total		0	4	9	209	222

5evi. Spawning ground reports

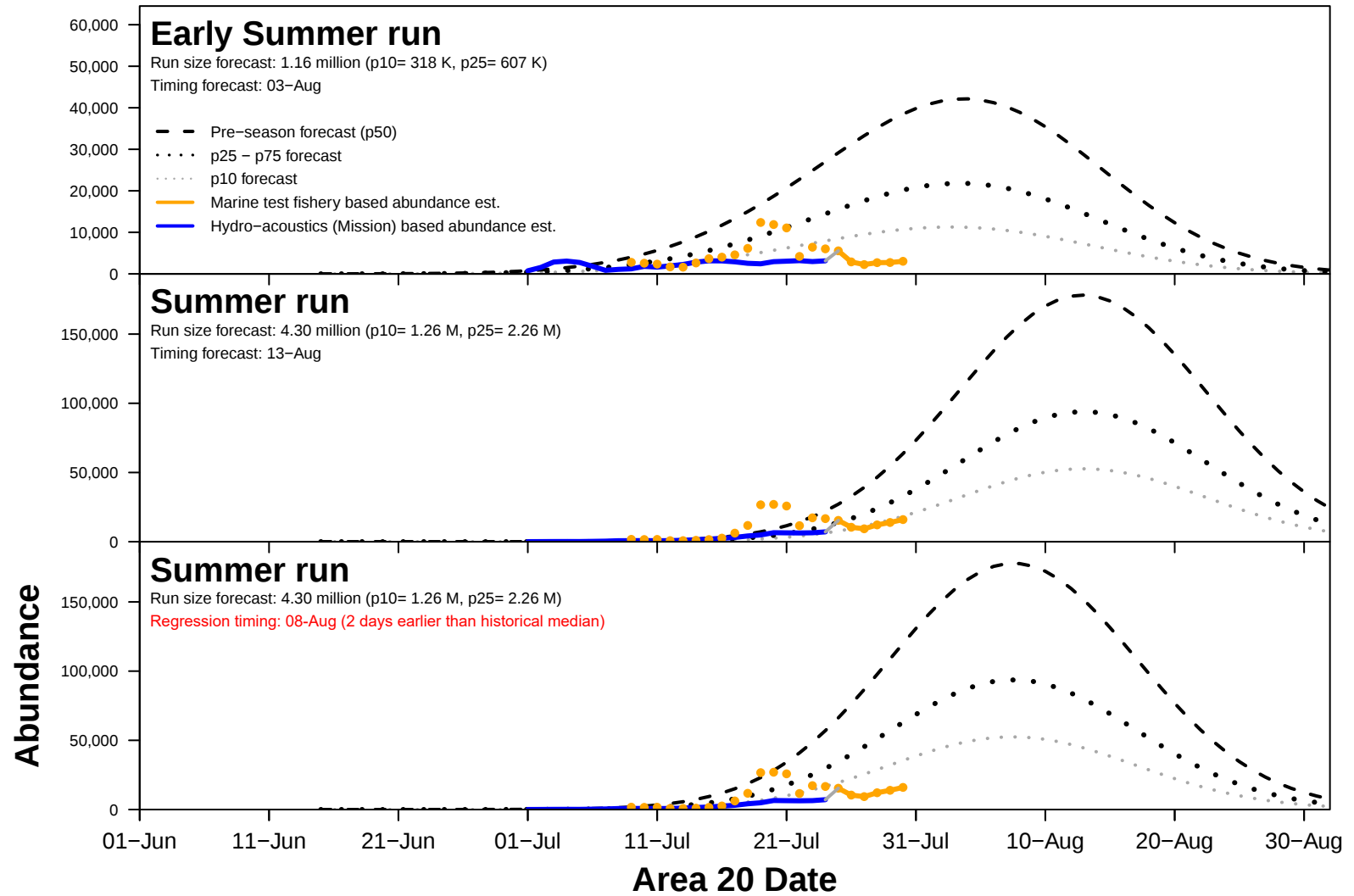
Table 1. Fraser River Sockeye escapement - 2026 in-season update #1.

Stock	Survey Method	Start Date	End Date	No. to Date	Spawning	Water Temp.	Water Conditions	Fish Condition
EARLY STUART								
Early Stuart	Visual survey	25-Jul	Ongoing		Holding	7.4 - 17.6	Low to moderate water levels in most creeks	Appear healthy

6a. 2026 Fraser River sockeye salmon daily migration



6a. 2026 Fraser River sockeye salmon daily migration



6b. 2026 Fraser River sockeye abundance en-route to Mission

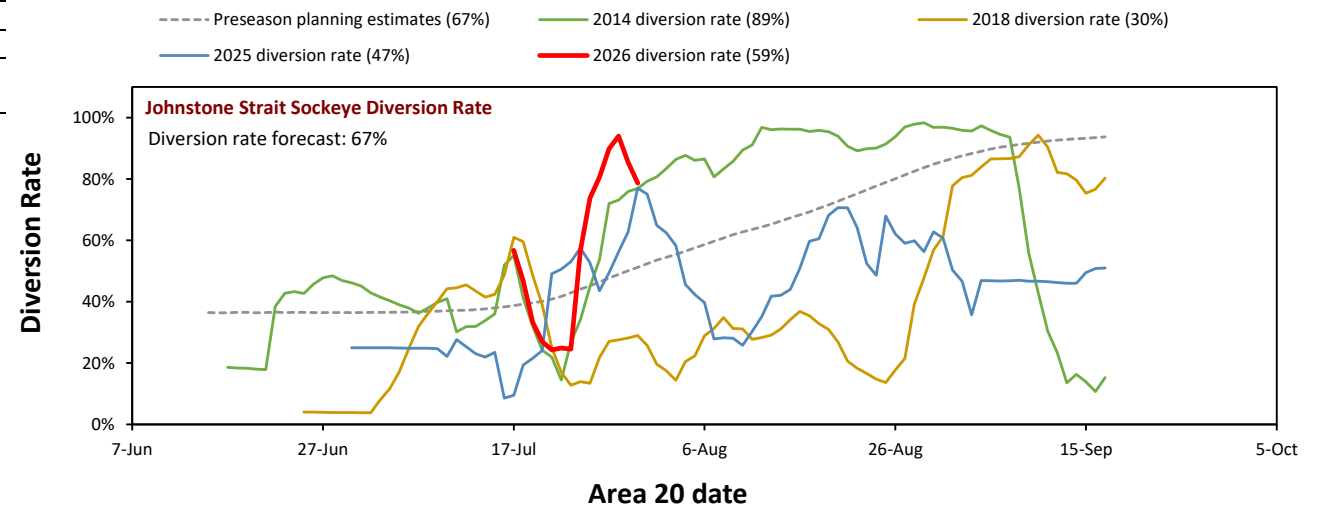
Current date: 31-Jul

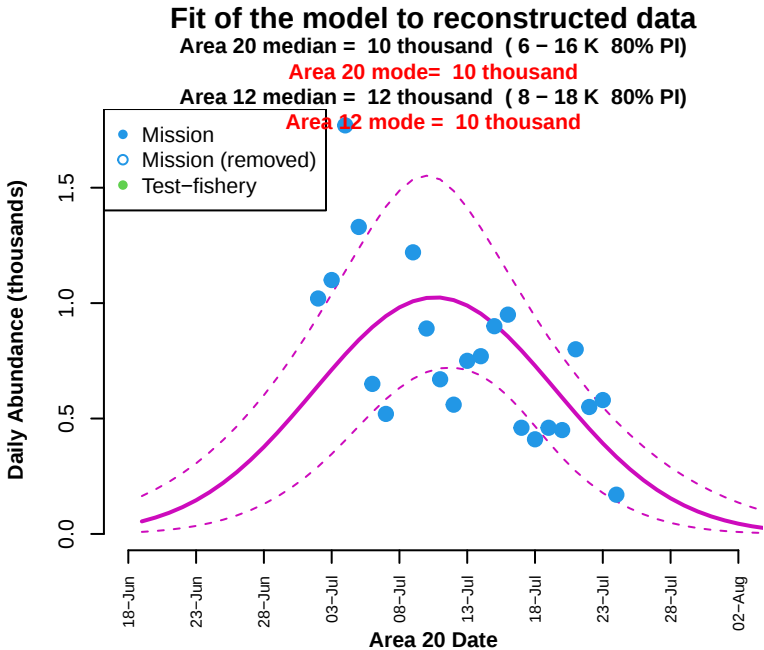
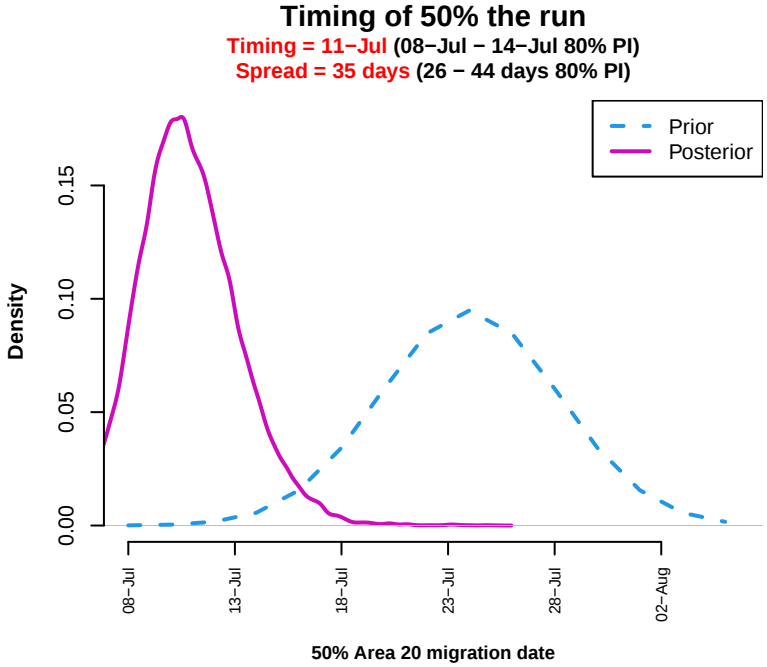
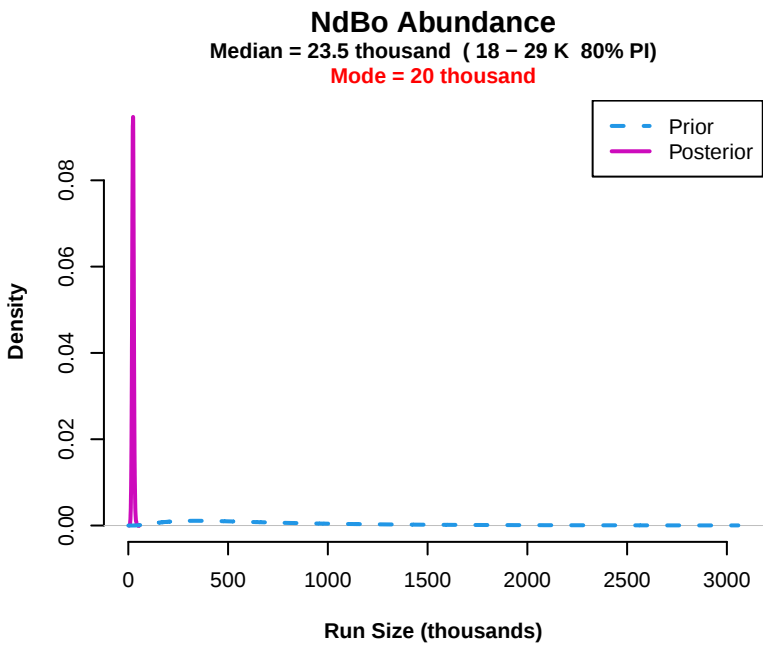
	Escapement past Mission through 30-Jul	Projected abundance en route to Mission based on marine test fishery data ^{1,2}								Escapement + projections through 05-Aug	
Area 20 date		25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	Total	80% PI ³		
Mission date		31-Jul	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug		10p	90p	
Total Fraser	161,300	22,800	5,100	32,100	15,300	15,400	32,200	122,900	73,000	187,400	284,200
Early Summer Run	55,200	3,800	900	3,700	2,100	2,200	3,800	16,500	8,100	34,200	71,700
Chilliwack	13,400	0	0	0	0	0	0	0	0	0	13,400
Pitt/Alouette/Coquitlam	6,700	0	0	0	0	300	300	600	300	1,200	7,300
Nadina group ⁴	18,900	800	200	800	800	600	800	4,000	2,000	8,300	22,900
Early Thompson ⁵	16,200	3,000	700	2,900	1,300	1,300	2,700	11,900	5,800	24,600	28,100
Summer Run	55,700	12,800	3,200	14,900	9,600	11,500	20,100	72,100	44,000	103,800	127,800
Harrison / Widgeon ²	1,600	500	100	200	0	100	100	1,000	600	1,400	2,600
Late Stuart / Stellako	32,100	4,700	1,100	5,000	2,800	3,000	4,600	21,200	12,900	30,500	53,300
Chilko	7,000	3,500	800	4,800	3,500	4,300	7,600	24,500	14,900	35,300	31,500
Quesnel	14,300	3,800	1,100	4,500	3,000	4,100	7,700	24,200	14,800	34,800	38,500
Raft / North Thompson	700	300	100	400	300	0	100	1,200	700	1,700	1,900
Late Run	4,400	6,200	1,000	13,500	3,600	1,700	8,300	34,300	20,900	49,400	38,700
Birkenhead / Big Silver	2,800	1,000	200	500	0	400	500	2,600	1,600	3,700	5,400
Late Shuswap / Portage ²	1,000	4,700	600	10,900	2,900	900	6,000	26,000	15,900	37,400	27,000
Weaver / Cultus ²	600	500	200	2,100	700	400	1,800	5,700	3,500	8,200	6,300

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 / Taseko⁵ Early South Thompson / North Barriere

6c. 2026 Fraser River sockeye diversion rates through Johnstone Strait

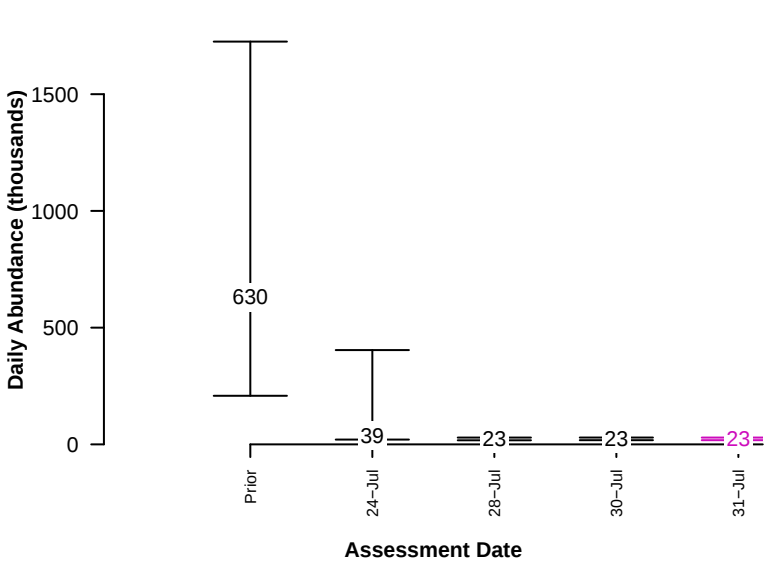
	5-day-average
Diversion rate	79%
Gillnet	74%
Purse Seine	79%



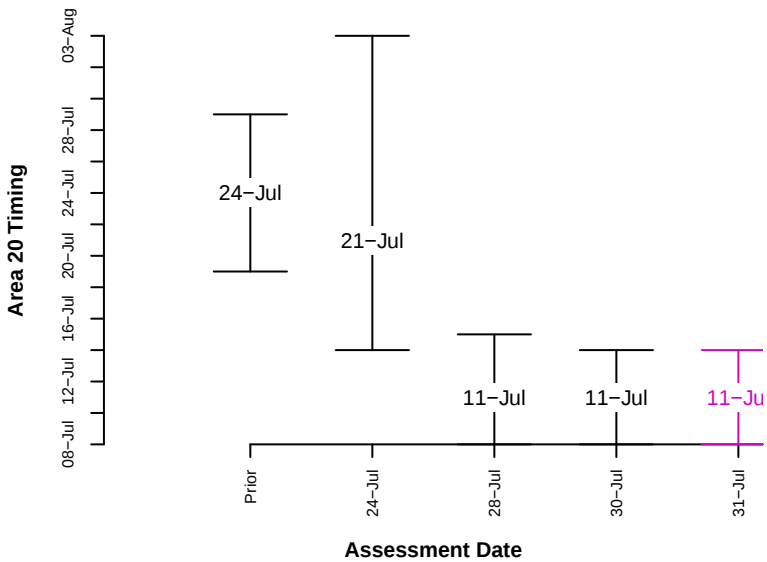


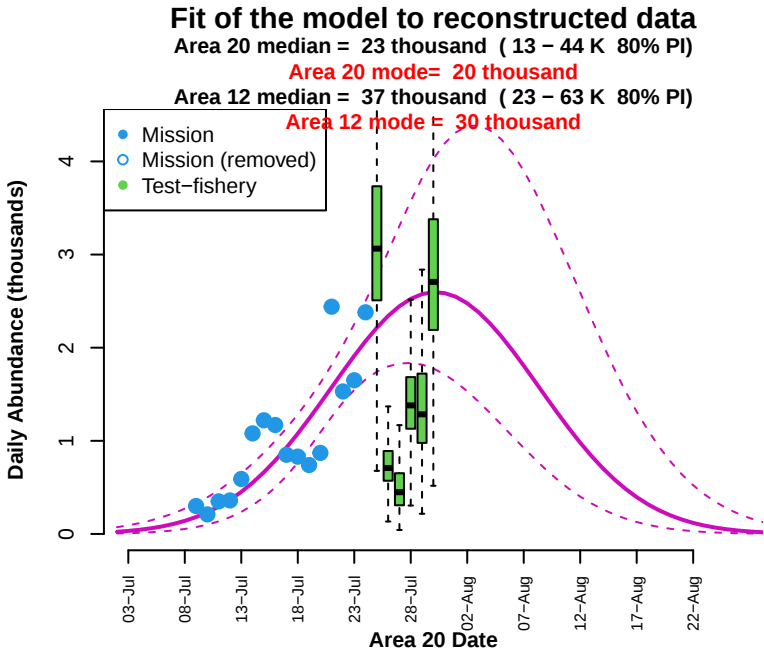
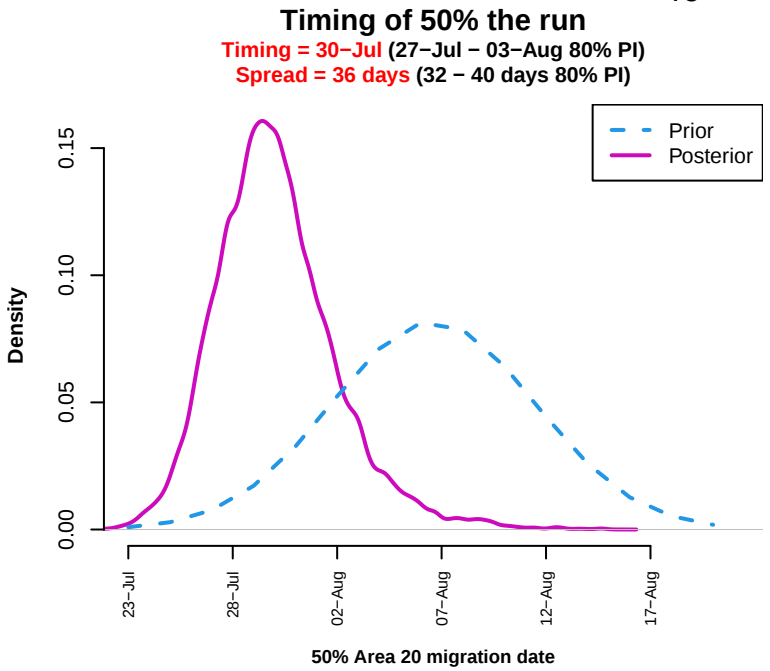
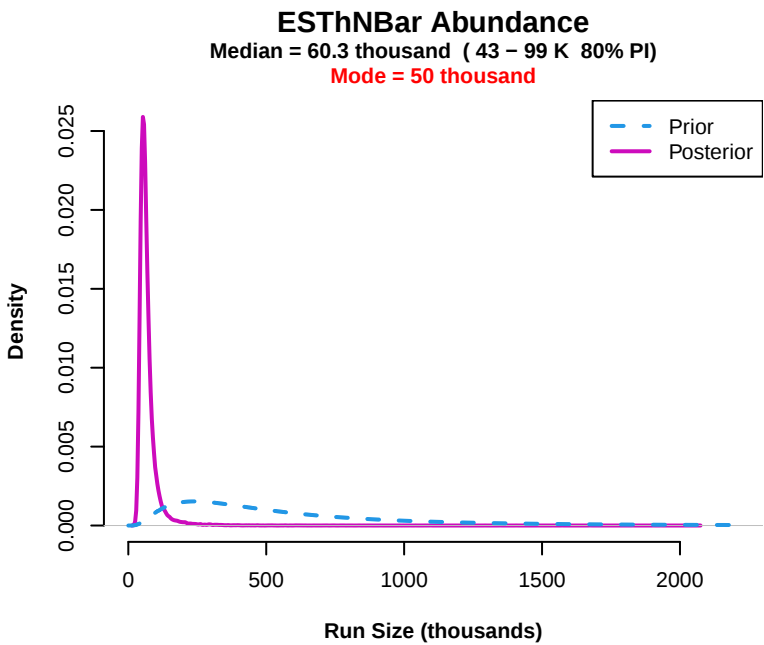
	Run Size Statistics
25% PI	21K
75% PI	26K
p10 (Prob>p10)	208.11K (0%)
p25 (Prob>p25)	354.105K (0%)
p50 (Prob>p50)	630.5K (0%)
p75 (Prob>p75)	1102.894K (0%)
p90 (Prob>p90)	1725.194K (0%)
Mission to-date	21 K (12 – 32 K 80% PI)
% Mission to-date	88 % (52.7 – 134.4 % 80% PI)
Projected+Tails	1,000 (0 – 3 K)
Tails	0 (0 – 1 K)

In-season changes in run size estimates



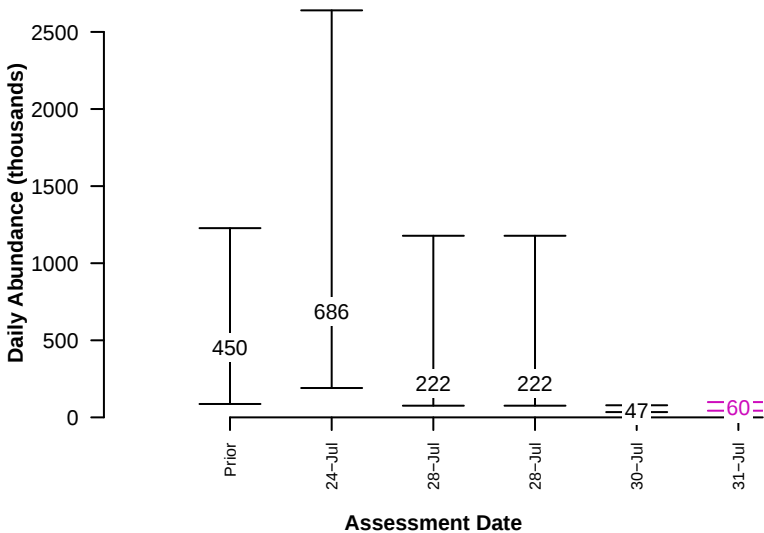
In-season changes in Area 20 timing estimates



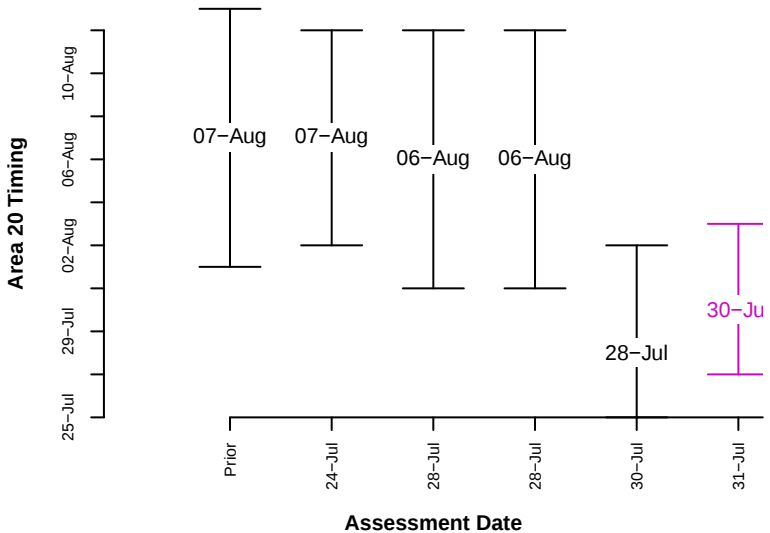


	Run Size Statistics
25% PI	50K
75% PI	75K
p10 (Prob>p10)	86.955K (15%)
p25 (Prob>p25)	211.155K (1%)
p50 (Prob>p50)	450.369K (0%)
p75 (Prob>p75)	793.961K (0%)
p90 (Prob>p90)	1227.422K (0%)
Mission to-date	16 K (11 – 20 K 80% PI)
% Mission to-date	26 % (18.8 – 33.5 % 80% PI)
Projected+Tails	44,000 (26 – 85 K)
Tails	29,000 (15 – 64 K)

In-season changes in run size estimates

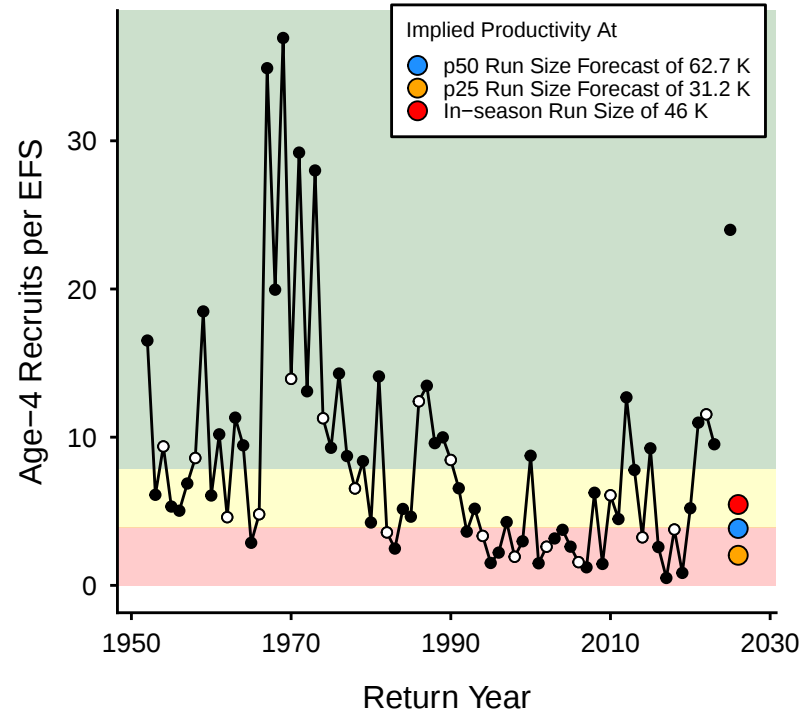


In-season changes in Area 20 timing estimates

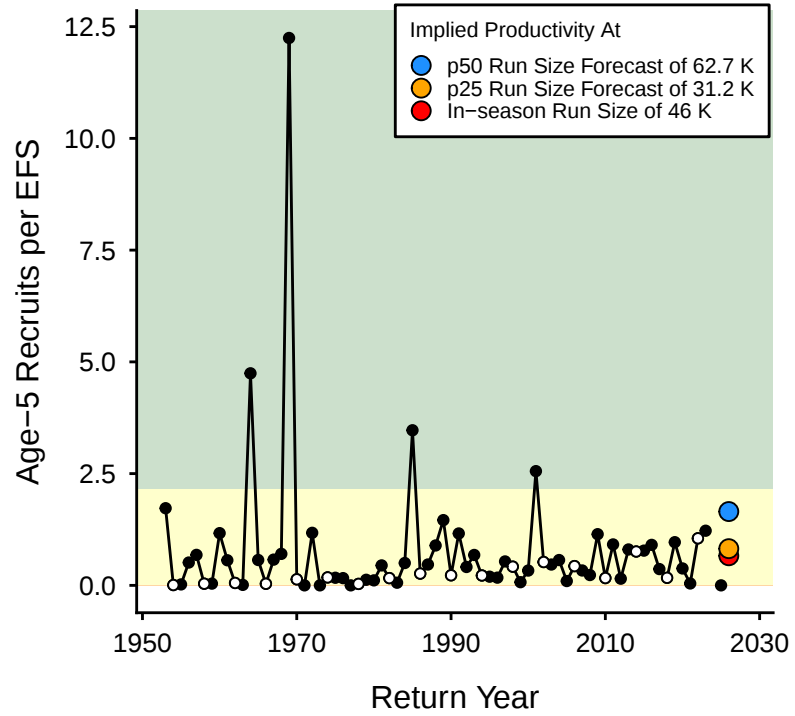


6d. Productivity Graphs

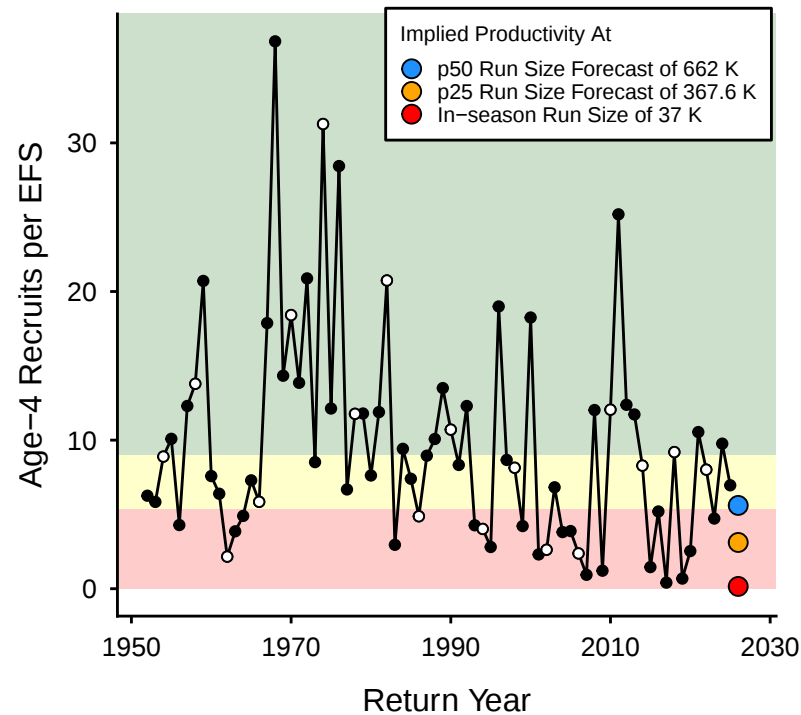
Early Stuart



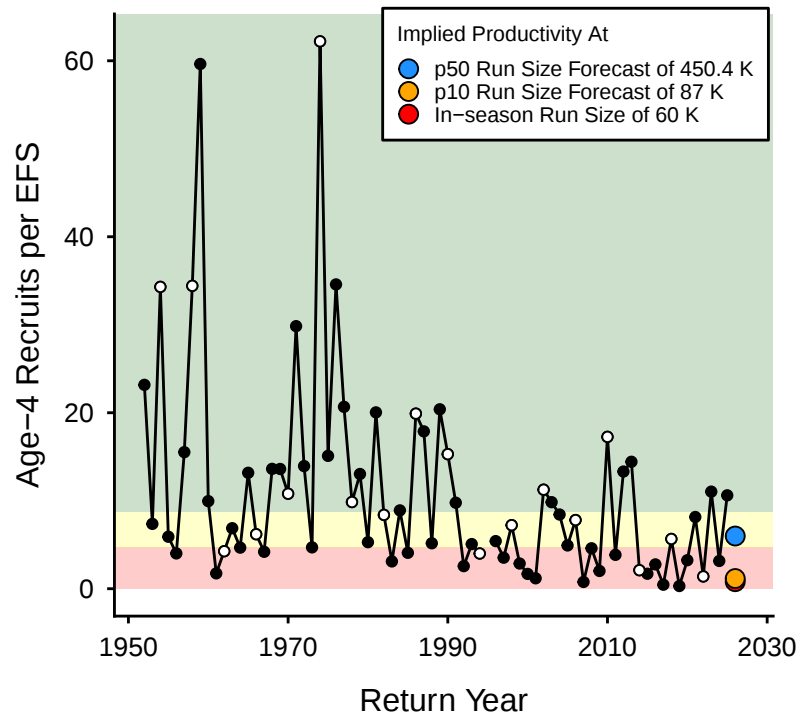
Early Stuart



Nadina/Bowron/Gates/Nahatlatch/Taseko



Early Thompson



6e. Comparisons for Fishing Decisions: Based on Information Available on Friday July 31, 2026

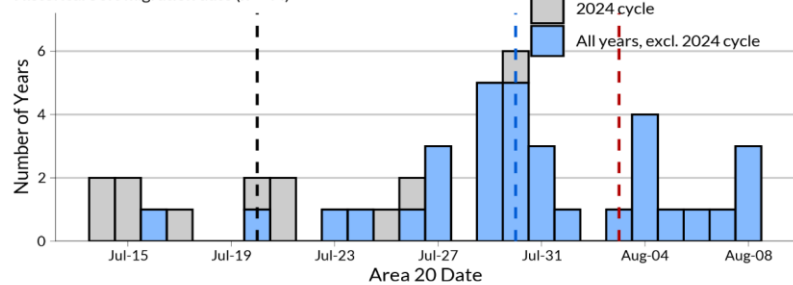
Based on the p50 planning model scenario

Compare observed reconstructions of abundance and stock ID to the modelled expectations up until the specified Area 20 dates to determine if observed values are consistent with pre-season conditions used for fisheries planning.

				Total Reconstructed Abundance		Reconstructed Stock ID %		Int'l TAC
				Marine Areas	Mission	A20	A12	
Assumed A20 50% Date Days offset from pre-season forecast				Cumulative Through: 30-Jul		Last A20 Sample: 29-Jul		
Early Summer	Pre-Season Model Expectations	03-Aug	0	435,236	230,400	37%	40%	506,764
	Current Timing Assumption	03-Aug	0	435,236	230,400	37%	40%	
		17-Aug	14	73,077	24,175	72%	75%	
		13-Aug	10	135,652	51,795	66%	70%	
	Reconstructions (compare to model expectations)			72,649 Last GN Sample	55,921 28-Jul	13% 26%	13% 12%	
Summer	Pre-Season Model Expectations	13-Aug	0	370,888	105,929	57%	57%	1,838,223
	Current Timing Assumption	13-Aug	0	370,888	105,929	57%	57%	
		18-Aug	5	133,165	30,032	45%	43%	
		15-Aug	2	252,200	65,472	53%	52%	
	Reconstructions (compare to model expectations)			129,975 Last GN Sample	57,043 28-Jul	57% 57%	63% 72%	

Early Summer

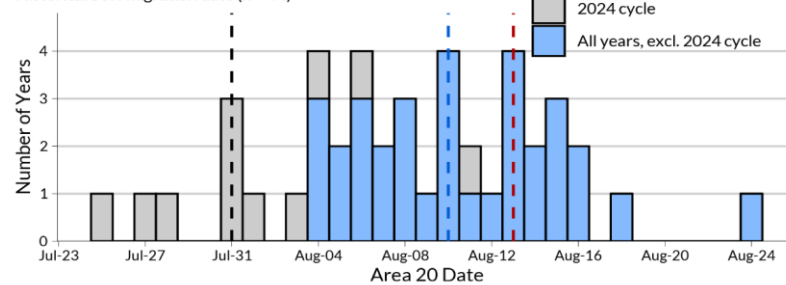
Historical 50% migration date (n = 44)



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

Summer

Historical 50% migration date (n = 44)



Dashed lines:
Blue = All years, excl. 2024 cycle median of Aug-10
Black = 2024 cycle-line median of Jul-31
Red = Pre-season predicted timing of Aug-13

6f 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	Inseason Adopted	Preseason Forecast	Inseason estimate	Inseason 80% Pls ²		Method
				10% PI	90% PI								10% PI	90% PI	
Early Stuart Run	46,000	63,000	✓ 46,000	46,000	46,000	Recon	46,000	0	0	01-Jul	04-Jul	01-Jul	01-Jul	01-Jul	Recon
Early Summer Run	NA	1,164,000	◇ 120,000	99,000	179,000	Sum	56,000	17,000	47,000	NA	03-Aug	25-Jul	21-Jul	31-Jul	Weight
Chilliwack		7,000	✓ 13,000	13,000	13,000	Recon	13,000	0	0		17-Jul	06-Jul	06-Jul	06-Jul	Recon
Nadina Group ⁴		662,000	▲ 37,000	35,000	55,000	Sum	19,000	4,000	14,000		31-Jul	25-Jul	21-Jul	03-Aug	Weight
Pitt/Alouette/Coquitlam		44,000	● 10,000	8,000	12,000	Recon	7,000	1,000	2,000		03-Aug	20-Jul	19-Jul	23-Jul	Recon
Early Thompson ⁵		450,000	◇ 60,000	43,000	99,000	Model	17,000	12,000	31,000		07-Aug	30-Jul	27-Jul	03-Aug	Model
Summer Run	NA	4,305,000					58,000	72,000		NA	13-Aug				
Harrison / Widgeon		119,000					2,000	1,000			08-Aug				
Late Stuart / Stellako		804,000					33,000	21,000			10-Aug				
Chilko		1,742,000					7,000	24,000			13-Aug				
Quesnel		1,592,000					15,000	24,000			14-Aug				
Raft / North Thompson		49,000					1,000	1,000			21-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

Model Run size assessment model (median)

Recon Catch + escapement + 6-day test fish projection + model seaward projection

Sum Sum of individual groups

Weight Weighted average of individual groups

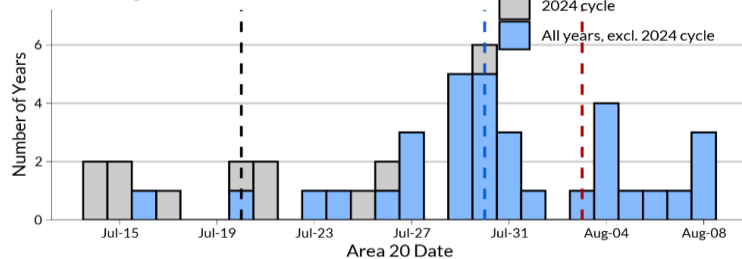
Run Size Uncertainty Legend[†]

- ✓ ≥ 95% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 5%. Clear indication of run size; minor run size updates still expected
- ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak 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.

Early Summer

Historical 50% migration date (n = 44)



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

Early Thompson run size based on timing

Catch+Escapement To Date: **17,000**
 6-day projections: **12,000**

	Method	Run Size*	% Seaward of Mission
Based on timing of 30-Jul	50% Date	57,000	70%
Based on timing of 01-Aug	% Seaward	74,000	77%
Based on timing of 04-Aug	% Seaward	108,000	84%
Based on timing of 06-Aug	% Seaward	128,000	87%
Based on timing of 07-Aug	% Seaward	140,000	88%

*Based on % seaward in 2014, 2018 and 2022 if timing is later than 30-Jul

*Equal to double the reconstructed abundance if timing is earlier than 31-Jul

Early Summer run size based on timing

Catch+Escapement To Date: **56,000**
 6-day Projection: **17,000**

	Method	Run Size*	% Seaward of Mission
Based on timing of 25-Jul	50% Date	120,000	53%
Based on timing of 27-Jul	50% Date	129,000	57%
Based on timing of 30-Jul	50% Date	145,000	61%
Based on timing of 03-Aug	% Seaward	184,000	70%
Based on timing of 04-Aug	% Seaward	204,000	73%

*Based on % seaward in 2014, 2018 and 2022 if timing is later than 30-Jul

*Equal to double the reconstructed abundance if timing is earlier than 31-Jul

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	46,000	NA	01-Jul	NA
Early Summer Run	Recommendation	540,000	200,000	05-Aug	04-Aug
Summer Run*	No recommendation	4,305,000	NA	13-Aug	NA
Late Run*	No recommendation	2,212,000	NA	20-Aug	NA

* Currently adopted estimates are based on preseason estimates

PSC staff recommend pDBE estimates (not MA estimates) for consideration by the Panel. The Panel may either accept or reject the MA estimates implied by the pDBE recommendations or propose alternative estimates, by incorporating additional information, e.g., natural, environmental or stock assessment factors, that are not accounted for in the current quantitative approach. The Management Adjustment estimates presented here may not reflect the final estimates adopted by the Fraser River Panel.

Management Group	PSC Staff Recommendation	pDBE and implied pMA estimate			
		Currently Adopted		PSC recommendation	Implied pMA
		pDBE	pMA	pDBE	pMA
Early Stuart Run	No recommendation	-0.52	1.08	NA	NA
Early Summer Run	No recommendation	-0.21	0.27	NA	NA
Summer Run*	No recommendation	-0.23	0.30	NA	NA
Late Run*	No recommendation	-0.30	0.43	NA	NA

10f. Payfish Background Information

Current Status

- PSC staff are not considering a request for payfish retention at this time but will continue to reassess as the run progresses.
- Run size, timing, and other assessment information is contained within the distribution.
 - o At current abundance, the Early Summer run is likely in a LAER and Summer run abundance are tracking below expectations.
 - o Daily catches of sockeye in purse seine test fisheries are insufficient to support an effective pay fishery.
 - o The largest catches are being observed in Area 12, where non-target South Coast pink salmon are currently greatly outnumbering Fraser sockeye.

Composition of expected catch

- Based on recent test fishing samples and composition, sockeye retained in the purse seine test fisheries would be approximately:
 - o **9%** Early Summer
 - o **61 to 63%** Summer
 - o **28 to 30%** Late

Retention amount:

- Retention required for cost-neutrality: ~ **35,000**

Retention location considerations:

- If the retention amount is small, priority is Area 20 to offset operational costs and assist program sustainability.
- Retention in Area 7 reefnets is at the discretion of the Panel.
- Given current abundance information, there are no additional location considerations highlighted at this time.



DRAFT AGENDA
PSC Fraser River Panel Meeting
Via Zoom Webinar: <https://psc-org.zoom.us/j/83891544946>

FRP meeting: Tuesday, August 4, 2026 at 10:30 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) Criteria for fishing decisions table		
☒	f) Run size and timing estimates		
☐	g) Predicted allowable harvest based on run size and DBE scenarios		
	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 (including catch predictions)		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: August 6		PSC staff
☒	13) Data acknowledgements		

Legend: ☒ Included in the distribution, to be discussed at the Fraser River Panel meeting
☒ Included in the distribution, to be discussed only when requested
☐ Not included in the distribution due to not relevant for this meeting or no (new) information

13. Data & Partner Acknowledgements

1. Fisheries & Oceans Canada (DFO)
 - Environmental Watch Program
 - Fraser River Stock Assessment
2. T̓silhqot'in National Government (TNG) Task Force (comprised of BC, DFO and TNG's Indigenous technical partner, the Upper Fraser Fisheries Conservation Alliance (UFFCA))
3. Yale First Nation
4. Pacheedaht First Nation
5. 'Namgis First Nation
6. A-Tlegay Fisheries Society
7. Makah Tribe