



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

FRP meeting: Friday, August 14, 2026 at 11:00 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,	5 min	Panel
☒	11) Next FRP meeting and agenda	2 min	PSC staff/Panel
	12) Next TC meeting: August 20		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

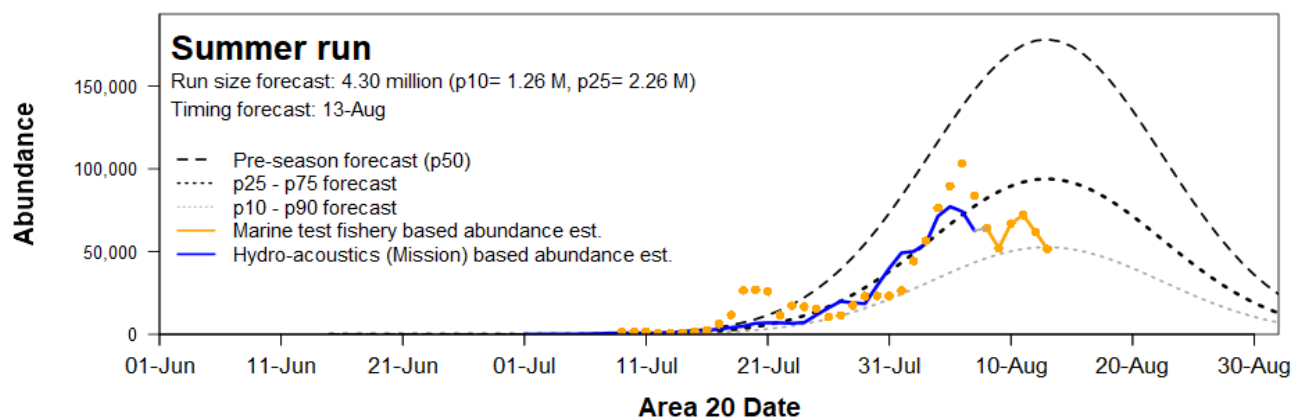
2026 Run status of Fraser sockeye and pink salmon

Date: Aug. 14, 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: Aug. 9 - Aug. 15, 2026	Sockeye				
	Management Group				Total Fraser
	E.Stuart	E.Summer	Summer	Late	
Mission passage (incls Pitt, Alouette, Coquitlam)	45,900	155,900	622,300	109,600	933,700
Catch downstream of Mission	100	8,200	41,300	15,200	64,800
Accounted Run To Date	46,000	164,100	663,600	124,800	998,500
Adopted In-season run size ¹	46,000	250,000	2,400,000	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	4-Aug	13-Aug	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				22%
	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: Aug. 14, 2026

Week of: Aug. 9 - Aug. 15, 2026		Sockeye		Catch File Last Modified*****
		Total	Fraser	
Canada		61,724	61,147	
	Commercial	0	0	
	B Purse Seine	0	0	
	D Gillnet	0	0	
	First Nations	60,775	60,206	
	Food, Social & Ceremonial (FSC)	60,775	60,206	
	Marine	14,048	13,478	2026-08-13 7:35
	Fraser R.	46,727	46,727	2026-08-13 8:12
	Economic Opportunity (EO) & Demonstration (Demo)	0	0	
	Single Stock FSC (SS FSC)	0	0	
	Recreational	0	0	2026-08-06 9:06
	Charter (Albion & A12 Chum test fishery)	411	411	
	Other****	538	530	2026-08-13 8:12
United States		19,560	19,482	
	Commercial	14,118	14,040	
	Treaty Tribes (TRB)	12,952	12,878	2026-08-14 9:01
	All Citizen (AC)	1,166	1,162	2026-08-14 10:12
	Treaty Tribes Ceremonial & Subsistence (C&S)	5,442	5,442	2026-08-14 9:01
	All Citizen Recreational	0	0	
	Other****	0	0	
	Alaska *	na	na	
Panel-approved Test Fisheries		12,019	11,219	
	Panel Waters	7,388	7,155	
	Canada	6,815	6,605	
	U.S.	573	550	
	Non-Panel Waters**	4,631	4,064	
Total		93,303	91,847	
	Catch Seaward of Mission ***	66,248	64,792	
	Catch Upstream of Mission	27,055	27,055	

* 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	250,000	2,400,000	2,212,260	4,908,260	
In-season Est. as % of Pre-season Forecast		73%	21%	56%	100%	63%	
Adult Spawning Escapement Target (SET)		46,000	250,000	1,478,900	1,213,300	2,988,200	
%SET from TAM rules		100%	100%	62%	55%		
Management Adjustment (MA)		49,680	67,500	443,670	521,720	1,082,570	
Proportional MA (pMA)		1.08	0.27	0.30	0.43		
Adjusted Spawning Escapement Target (SET) *		46,000	250,000	1,922,570	1,735,020	3,953,590	
Test Fishing (TF)		300	2,000	21,573	11,929	35,802	
Surplus above Adjusted SET & Test fishing		0	0	455,857	465,311	921,168	
Exploitation Rate represented by Surplus		0%	0%	19%	21%	19%	
DEDUCTIONS & TAC FOR INTERNATIONAL SHARING							
Aboriginal Fishery Exemption (AFE)		0	0	240,000	160,000	400,000	
Available Aboriginal Fishery Exemption							
Total Deductions (Adj. SET + TF + Available AFE)		46,300	252,000	2,184,143	1,906,949	4,389,392	
Available TAC for International Sharing		0	0	215,857	305,311	521,168	
UNITED STATES (Washington) TAC							
Proportionally Distributed TAC **		16.5%	0	0	35,620	50,380	86,000
U.S. Payback **		5.0%	0	0	1,780	2,520	4,300
Proportionally Distributed TAC - Payback		0	0	33,840	47,860	81,700	
Treaty Tribes Share **		67.7%	0	0	22,910	32,400	55,310
All Citizen Share		32.3%	0	0	10,930	15,460	26,390
CANADA TAC							
Aboriginal Fishery Exemption (AFE)		0	0	240,000	160,000	400,000	
Canadian TAC + AFE		0	0	422,017	417,451	839,468	
CATCH-TO-DATE							
Test		240	1,720	6,840	2,420	11,220	
Treaty Tribes (Wash.) / Ceremonial (TRB)		0	1,370	10,760	6,190	18,320	
All Citizen (Wash.)		0	70	750	340	1,160	
Recreational							
Other (Wash.)***		0	0	0	0	0	
Washington		0	1,440	11,510	6,530	19,480	
First Nations Catch (including AFE)		150	10,500	42,880	6,680	60,210	
Planned Charter & Recreational Shares		0	70	310	40	410	
Other***		260	140	140	0	530	
Total Commercial (including FN EO/Demo****)		0	0	0	0	0	
Canada		410	10,710	43,330	6,720	61,150	
Total Catch in All Fisheries		650	13,870	61,680	15,670	91,850	
Exploitation Rate (catch-to-date / run size)		1.4%	5.5%	2.6%	0.7%	1.9%	
Fisheries induced mortalities (Canada, U.S. & TF)		7	35	162	94	298	
Exploit. Rate with fishery-induced mortality included		1.4%	5.6%	2.6%	0.7%	1.9%	
CATCH REMAINING (BALANCE)							
Washington		0	-1,440	22,330	41,330	62,220	
Canada		-410	-10,710	378,687	410,731	778,298	
Balance Remaining [below share / -above share]		-410	-12,150	401,017	452,061	840,518	

* 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.

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

Area/Gear Location From A20	Johnstone Strait	Juan de Fuca Strait	Fraser River							
	A12 PS Blinkhorn	A20 PS Port Renfrew	GN A29-16	Whonnock GN A29-16	Qualark			Mission Hydroacoustics		Hells Gate
	Catch (CPUE) (-1 day)	Catch (CPUE) (0 days)	Catch (CPUE) (+5 days)	Catch (CPUE) (+6 days)	Catch (CPUE) (+8 days)	Estimate ¹	Method ²	Estimate ³ (+6 days)	Method ⁴	Estimate ⁵ (+10 days)
22-Jul			7 (1.08)	2 (0.2)	5 (10.42)	2,600	RB + LB	5,900	L+M+R	Estimate Not Available
23-Jul	14,751 (2,458.5)		16 (2.45)	4 (0.39)	6 (13.02)	2,800	RB + LB	5,600	L+M+R	Estimate Not Available
24-Jul	1,245 (207.5)	97 (16.2)	20 (3.05)	3 (0.28)	8 (16.67)	3,600	RB + LB	5,400	L+M+R	Estimate Not Available
25-Jul	97 (16.2)	98 (16.3)	21 (3.17)	8 (0.69)	9 (19.79)	4,200	RB + LB	7,800	L+M+R	Estimate Not Available
26-Jul	3,406 (567.7)	11 (3.7) (3 sets)	56 (7.48)	16 (1.51)	16 (33.33)	4,800	RB + LB	8,300	L+M+R	Estimate Not Available
27-Jul	483 (80.5)	0 (0.0)	16 (2.53)	8 (0.78)	19 (47.92)	6,900	RB + LB	12,700	L+M+R	Estimate Not Available
28-Jul	161 (26.8)	4 (0.7)	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	557 (92.8)	50 (8.3)	39 (5.48)	12 (1.16)	25 (52.08)	9,400	RB + LB	8,300	L+M+R	Estimate Not Available
30-Jul	302 (50.3)	268 (44.7)	29 (4.21)	18 (1.68)	15 (31.25)	7,900	RB + LB	10,900	L+M+R	Estimate Not Available
31-Jul	145 (24.2)	12 (6.0) (2 sets)	73 (10.05)	28 (2.46)	25 (52.08)	6,800	RB + LB	10,400	L+M+R	Estimate Not Available
1-Aug	292 (48.7)	13 (2.2)	83 (10.95)	DNF	16 (37.5)	5,800	RB + LB	21,500	L+M+R	Estimate Not Available
2-Aug	381 (63.5)	701 (116.8)	23 (3.48)	DNF	7 (15.1)	5,500	RB + LB	23,700	L+M+R	Estimate Not Available
3-Aug	127 (25.4) (5 sets)	29 (5.8) (5 sets)	84 (10.95)	DNF	14 (31.77)	5,400	RB + LB	19,300	L+M+R	Estimate Not Available
4-Aug	760 (126.7)	973 (162.2)	142 (19.17)	DNF	22 (45.83)	13,500	RB + LB	20,400	L+M+R	Estimate Not Available
5-Aug	707 (141.4) (5 sets)	2,933 (488.8)	181 (24.44)	DNF	34 (70.83)	14,200	RB + LB	25,800	L+M+R	Estimate Not Available
6-Aug	268 (53.6) (5 sets)	2,035 (407.0) (5 sets)	238 (64.26)*	DNF	20 (41.67)	13,900	RB + LB	61,700	L+M+R	Estimate Not Available
7-Aug	299 (49.8)	2,000 (500.0) (4 sets)	131 (35.37)*	59 (4.36)	33 (82.5)	18,300	RB + LB	56,900	L+M+R	Estimate Not Available
8-Aug	658 (109.7)	856 (142.7)	143 (38.61)*	71 (5.2)	56 (126.04)	34,100	RB + LB	59,700	L+M+R	Estimate Not Available
9-Aug	879 (146.5)	12 (6.0) (2 sets)	111 (14.87)	70 (5.14)	54 (119.79)	53,300	RB + LB	68,100	L+M+R	Estimate Not Available
10-Aug	1,460 (243.3)	DNF	196 (52.92)*	198 (15.84)	56 (107.46)	57,600	RB + LB	79,600	L+M+R	Estimate Not Available
11-Aug	260 (52.0) (5 sets)	1,279 (213.2)	104 (28.08)*	199 (15.92)	85 (177.08)	60,200	RB + LB	138,100	L+M+R	Estimate Not Available
12-Aug	83 (16.6) (5 sets)	1,320 (220.0)	148 (39.96)*	119 (9.37)	64 (134.38)	63,000	RB + LB	115,200	L+M+R	Estimate Not Available
13-Aug	264 (44.0)	542 (108.4) (5 sets)	156 (20.44)	104 (7.97)	75 (156.25)			73,000	L+M+R	Estimate Not Available
14-Aug										

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

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

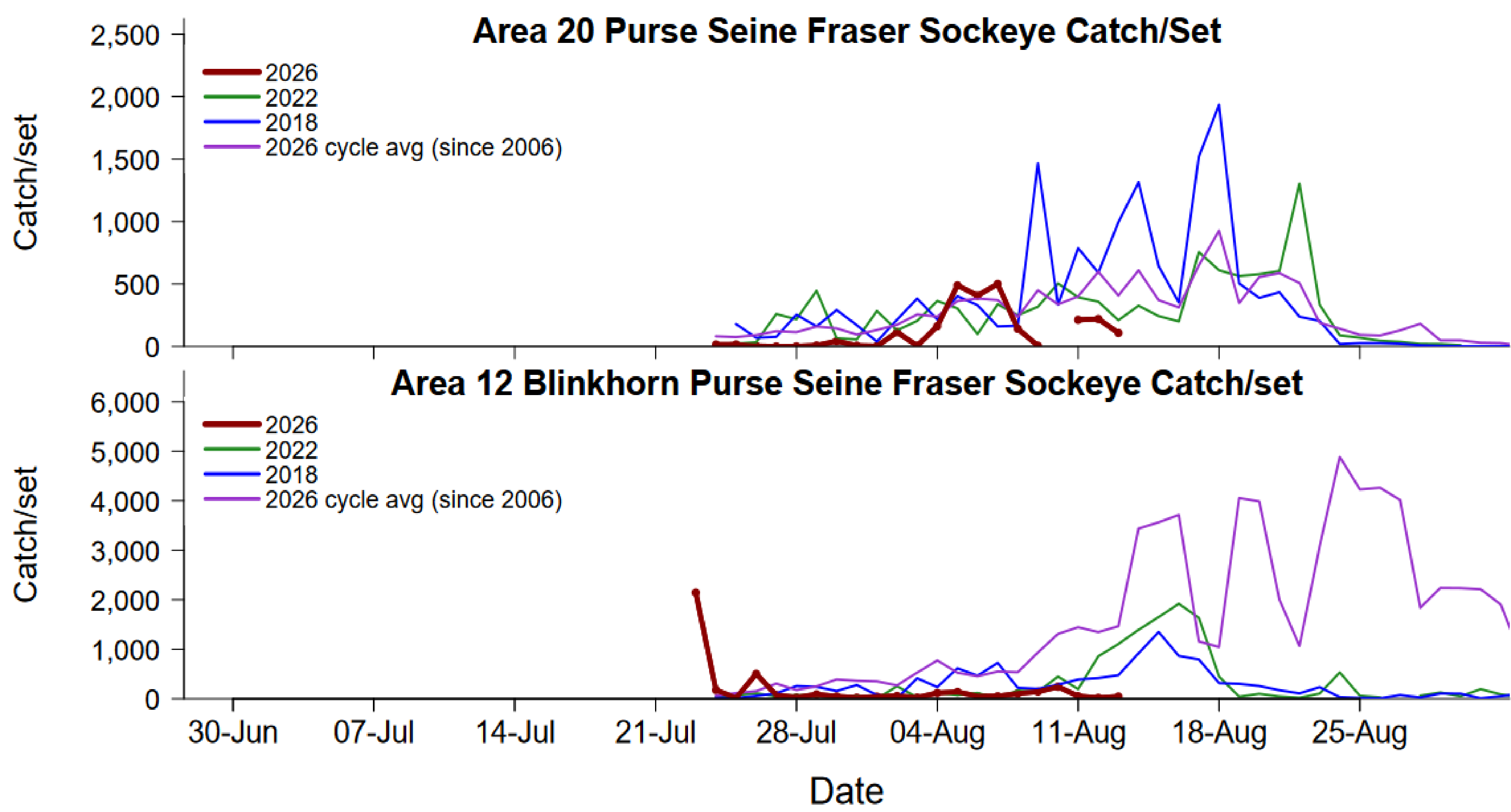
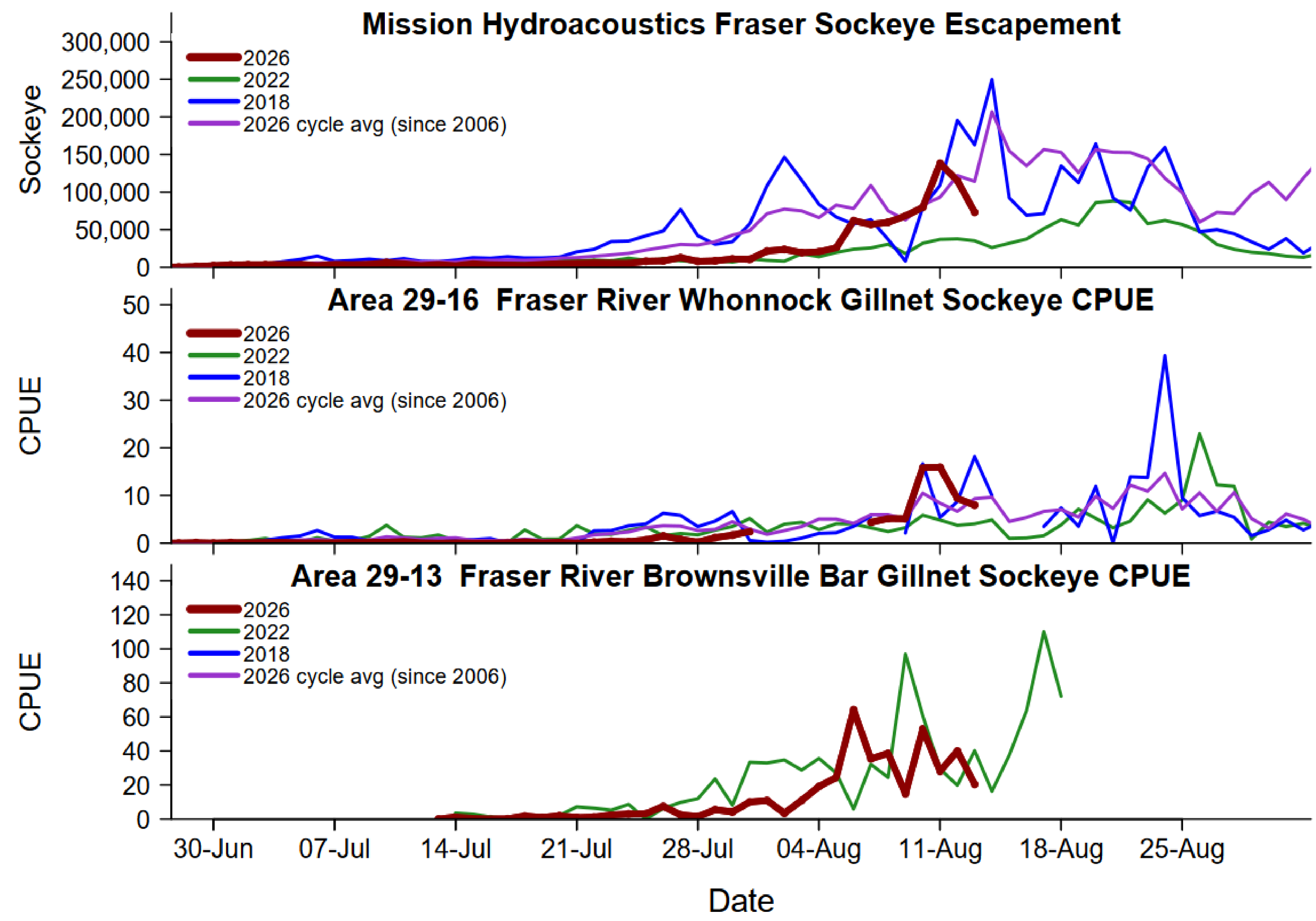
³ Mission escapement estimate - does not include Pitt

⁴ Mission Source:
L + M + R = Left-bank ARIS (L) + Mobile ARIS (M) + Right-bank ARIS (R)

⁵ 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.

*Only one set was conducted at Brownsville Bar, as the catch from the first set greatly exceeded sampling requirements.

DNF = Did Not Fish



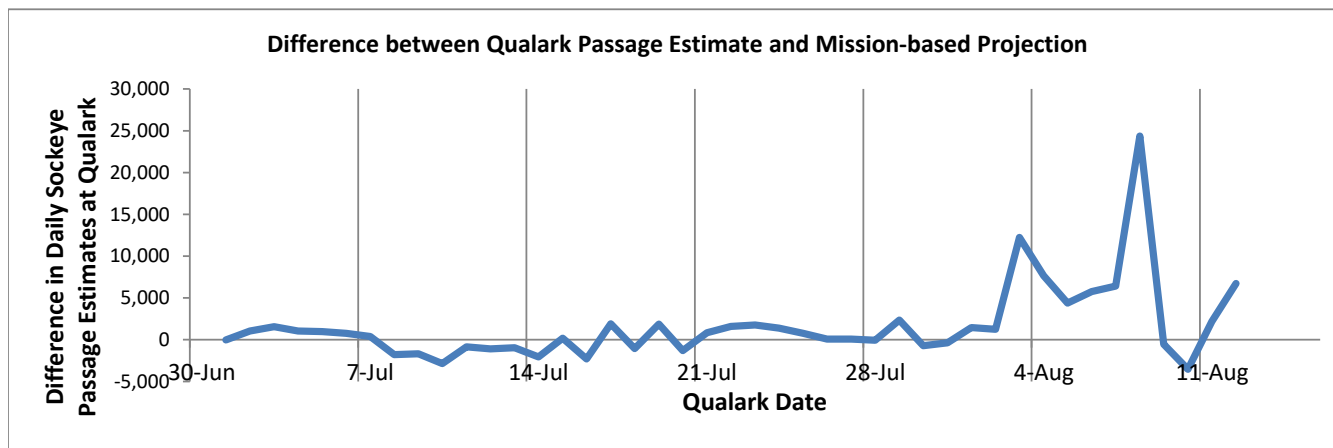
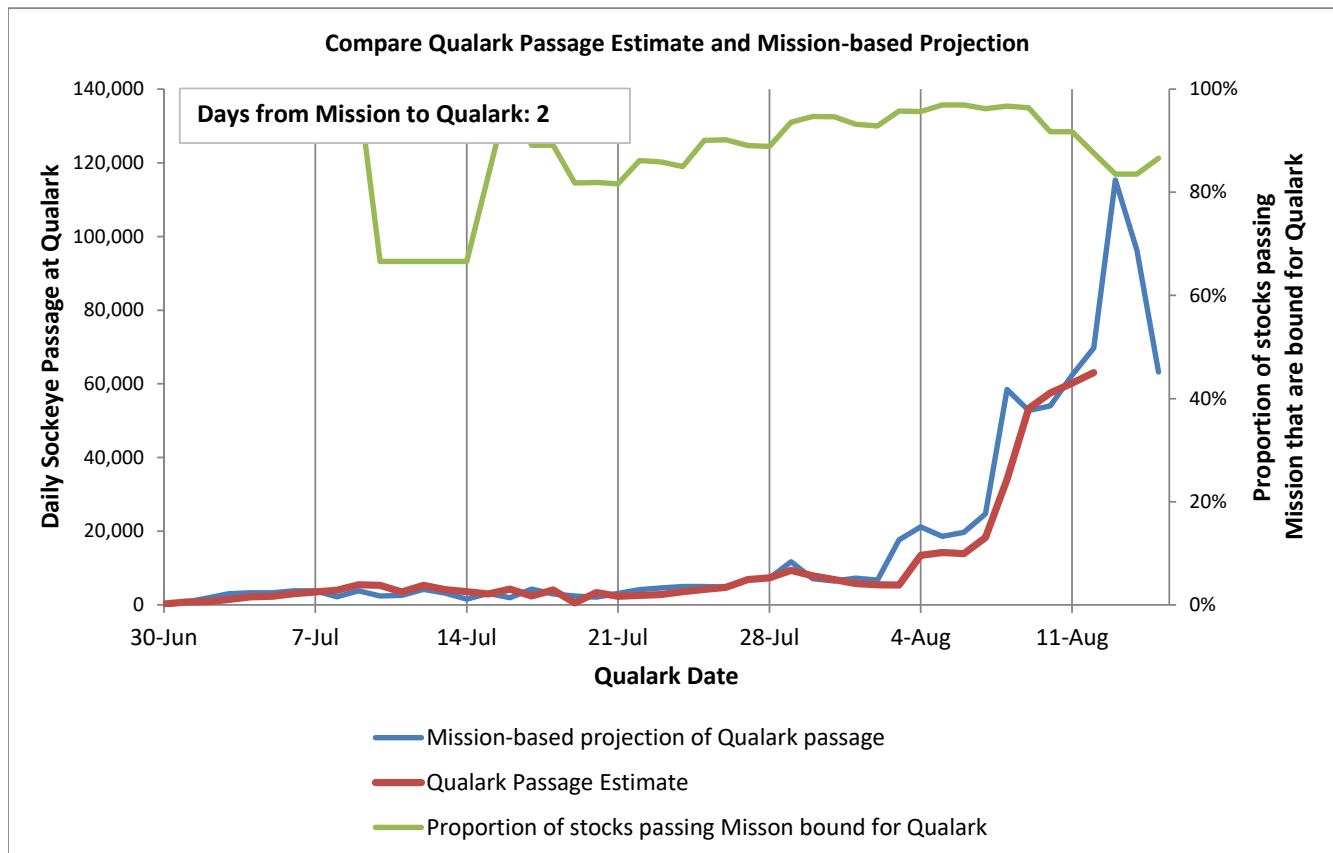
5b. Comparison of predictions from Mission to Qualark

Year: 2026

Date: 14-Aug-26

Time: 9:33 AM

	All Days	*Common Days
Mission projection	810,870	536,049
Qualark estimate	466,744	466,506
	Difference	69,543
	%Difference	13%



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
						Early Stuart	Nadina Bowron				Early Summer sub-total	Harri-son				Summer sub-total	Birken-head			Late sub-total	Age-4 ₂
							Chilli-wack	Pitt Alouette	Gates Nahat-latch	Early Thompson		Widg-eon	Late Stuart	Chilko Ques-nel	Raft North Thompson		Big Silver	Late Shuswap Portage	Weaver Cultus		
Area/Gear ¹	Sector ²	Date	Type ³	Size (n)	%Fraser																
Johnstone Strait & Queen Charlotte Strait																					
A12 ps	tf	Aug 7	DNA	100	97%	0%				4%	4%		12%	57%		69%	2%	14%	12%	28%	91%
A12 ps	tf	Aug 9	DNA	83	96%	0%					0%		10%	52%		62%	7%	21%	10%	38%	NA
A12 ps	tf	Aug 10	DNA	99	99%	0%				2%	2%		5%	50%	1%	56%	7%	27%	8%	42%	92%
A12 ps		Aug 14	Prediction	1	99%	0%				2%	2%		3%	50%	1%	55%	5%	27%	10%	43%	NA
Juan de Fuca Strait & Washington & Other																					
A20 ps	tf	Aug 8	DNA	94	99%	0%		1%		9%	10%	1%	8%	47%	2%	57%	2%	27%	4%	33%	91%
A20 ps	tf	Aug 11	DNA	100	100%	0%			2%	3%	5%		2%	65%	0%	68%	10%	14%	4%	28%	92%
A20 ps	tf	Aug 12	DNA	95	100%	0%			1%	7%	8%		2%	72%		74%	5%	7%	5%	18%	92%
A20 ps		Aug 14	Prediction	1	100%	0%			1%	4%	5%		3%	66%		69%	5%	16%	6%	27%	NA
In-river																					
BB gn	tf	Aug9-10	DNA	100	100%	0%				10%	10%	4%	14%	54%		71%	12%	7%		19%	84%
BB gn	tf	Aug 11	DNA	50	100%	0%				2%	2%	2%	20%	37%		59%	8%	25%	6%	39%	86%
AB gn	tf	Aug 10	DNA	46	100%	0%				14%	14%		2%	75%	2%	80%	4%		2%	7%	89%
AB gn	tf	Aug11-12	DNA	100	100%	0%			1%	13%	14%	3%	7%	53%	4%	67%	10%	5%	4%	19%	87%
BB gn		Aug 14	Prediction	25	100%	0%				5%	5%	3%	5%	61%		69%	6%	15%	4%	26%	NA

Notes for sockeye and pink tables:

¹ BB GN=29_13 (Brownsville), AT = Alaska Twist, AB GN=29_16

(Whonnock), MA FW=Matsqui Fish Wheel, QU GN=Qualark

² TF=sample from test fishery catch, CM=sample from commercial catch, C&S=cerebral & 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

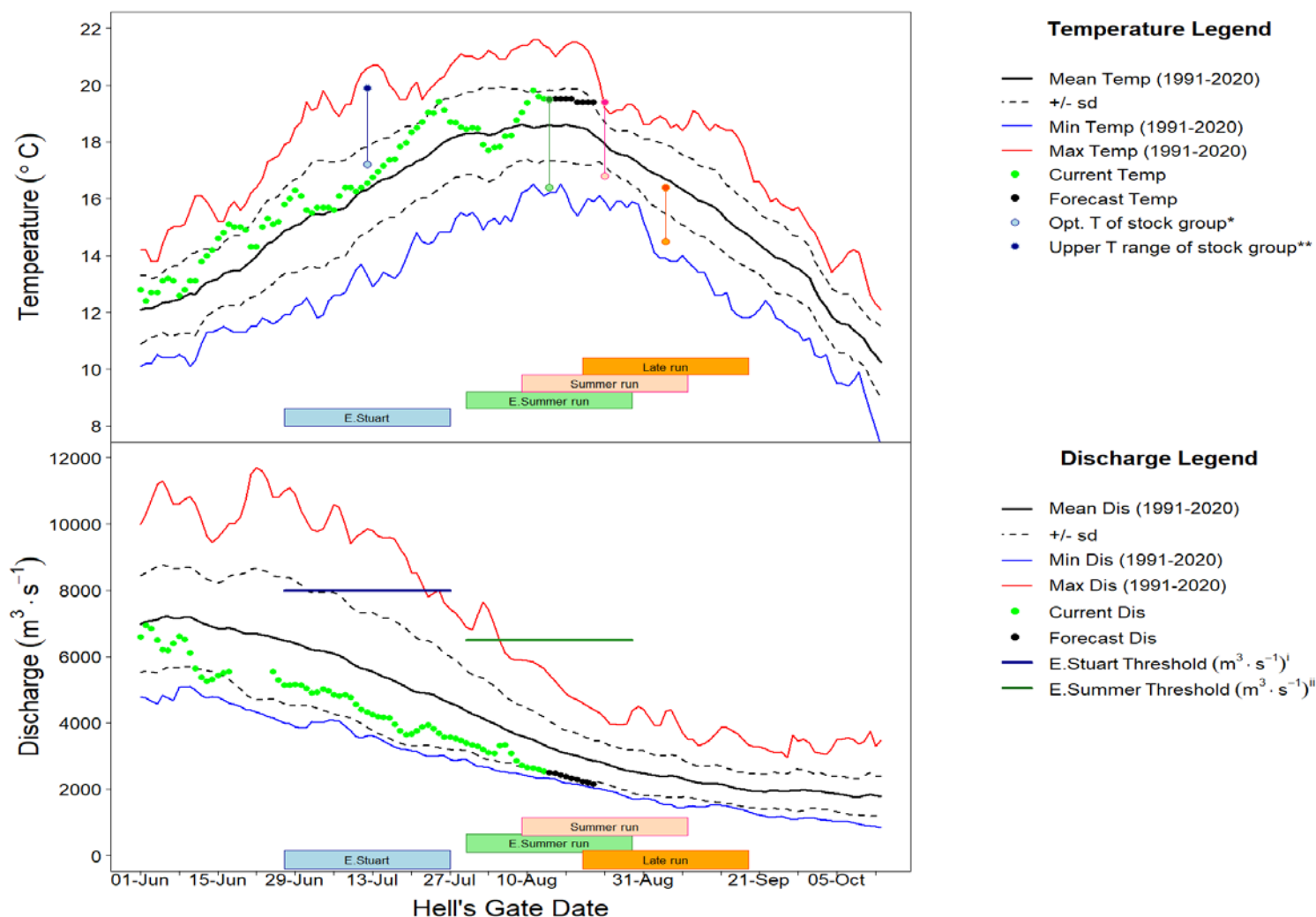
Fraser River Environmental Report for August 13, 2026

Observed Fraser River Temperature at Qualark for 13-Aug	19.5°C
Average (1991-2020) Historical Temperature on this day	18.6°C
Deviation from Average	0.9°C
Forecast Temperature for 19-Aug-26	19.4°C

The forecast in Kamloops and Prince George is for variable air temperatures. Smoke in the Fraser watershed may cause some uncertainty in the water temperature forecast.

Observed Fraser River Discharge at Hope for 13-Aug	2536 m ³ ·s ⁻¹
Average (1991-2020) Historical Discharge on this day	3336 m ³ ·s ⁻¹
% above or below Historical Discharge	-24%
Forecast Discharge for 19-Aug-26	2287 m ³ ·s ⁻¹

The forecast in Kamloops and Prince George is for 5 mm and 4 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.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.

Seiii. Current temperatures in areas of the Fraser Watershed

Current Temperatures					
Map #	12-Aug	Daily Mean	Historic Mean	Deviation from Historical Mean	Historic Year Range
<u>Fraser River Mainstem</u>					
1	Fraser River @ Qualark	19.6	18.5	1.1	1991-2020
2	Fraser River @ Texas Creek	19.1	18.6	0.5	2006-2025
3	Fraser River @ Marguerite	18.8	18.9	-0.1	2015-2025
4	Upper Fraser @ Shelley	15.6	15.4	0.2	1994-2025
<u>Fraser River Tributaries</u>					
5	Thompson R. @ Ashcroft	17.7	18.7	-1.0	1995-2025
6	South Thompson @ Chase	20.0	19.7	0.3	1994-2025
7	North Thompson @ McLure	17.4	16.0	1.4	2006-2025
8	Quesnel R. @ Quesnel	16.5	17.7	-1.2	2000-2025
9	Nechako R. @ Isle Pierre	19.2	18.8	0.4	2006-2025
10	Stuart R. @ Ft. St. James	20.0	18.9	1.1	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 08 13 Distribution.pdf](#) (pgs. 14-23).

Key observations from this period include:

- A cumulative total of 10,746 salmon have been counted since the start of the program on June 16, 2026, including 4,808 salmon >80 cm in length, 3,834 salmon 65 to 79 cm in length, and 2,104 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).
- Detections of salmon 50 to 64 cm in length increased this week, with an average of 293 fish per day counted in this size bin (up from an average of 15 fish per day last week).
- The continuous detection of all sizes of salmon at Hanceville suggests that fish passage past Farwell Canyon and the T̓silhqox landslide has been maintained.
- Discharge in the Chilcotin River declined steadily this week from a daily mean of 230 m³/s on August 4 to 199 m³/s on August 9.
- Daily mean turbidity in the Chilcotin River downstream of the slide site (Farwell Canyon) is 39 NTU higher (as of August 9, 2026) than upstream of the slide site (Hanceville) (Section 3.1).
- Daily mean water temperature in the Chilcotin River upstream of the T̓silhqox slide site (Hanceville) ranged from 16.4°C to 18.2°C, with an overall mean of 17.5°C. In Farwell Canyon, mean daily water temperatures ranged from 16.1°C to 18°C (mean = 17.2°C). Daily maximum water temperatures ranged from 17.4°C to 19.1°C (mean = 18.5°C) at Hanceville and from 17.1°C to 18.9°C (mean = 18.2°C) at Farwell Canyon.
- Daily mean turbidity in the Fraser River downstream of the Chilcotin River confluence (Gang Ranch) is 74 NTU higher (as of August 5, 2026) than upstream of the Chilcotin River confluence (Sheep Creek) (Section 3.2). The upstream Fraser River station (Sheep Creek) began malfunctioning due to a faulty sensor at 1200 on August 5 and was removed on August 7. Replacement of the sensor is tentatively scheduled for late August.
- Starting this week, the reporting period shifted from Tuesday–Monday to Monday–Sunday to provide field crews sufficient time to review files. This week's report begins on Tuesday, August 4, 2026 as data from Monday, August 3, 2026 was previously reported on.

5ev. Fish Condition Report

August 13, 2026

Date of Power BI Report
13-Aug-26 08:16

Latest SK Data Entry Date
11-Aug-26 10:30

Mid-Fraser Biological Condition and Number of Sockeye Inspected

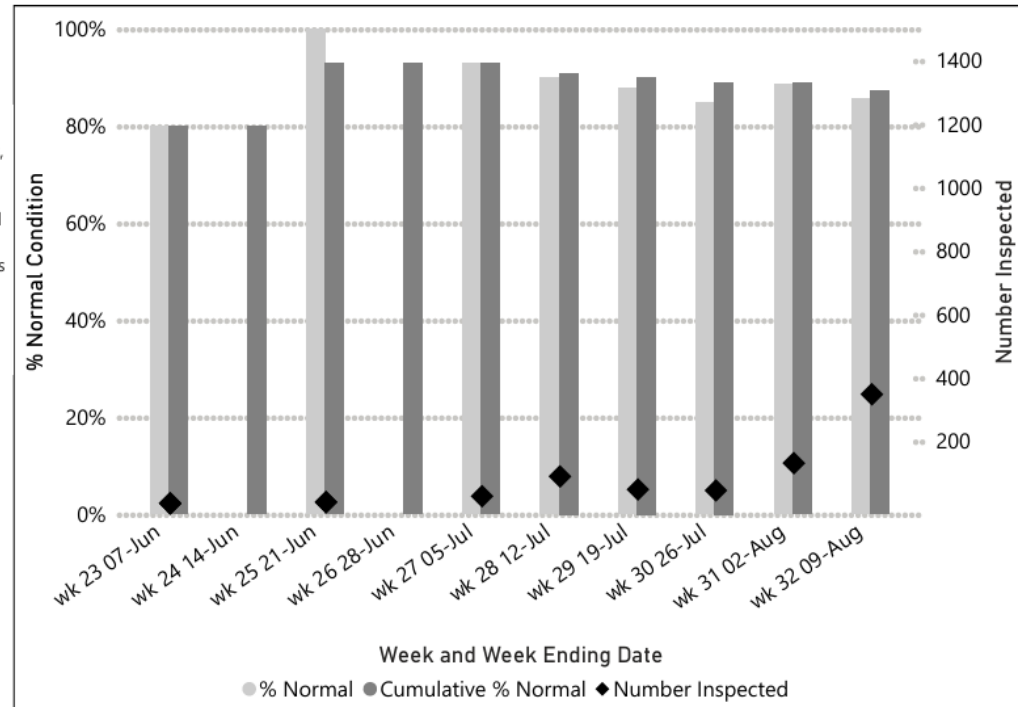
Sockeye health observations are collected during patrols (Helicopter, Boat, Vehicle, Foot, and Access) and when either harvested sockeye or sockeye migration in the river is observed. Qualark reports are included as well.

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

**Sample Size by Site**

Week and Week End Date	All	D02	D04	D05	D06	D07a	D07b	D08	D09	D10	D11	D14	Qualark	Total
wk 23 07-Jun			5											5
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		10	33	5	10	13	31	34	15	4	23	9	521	708

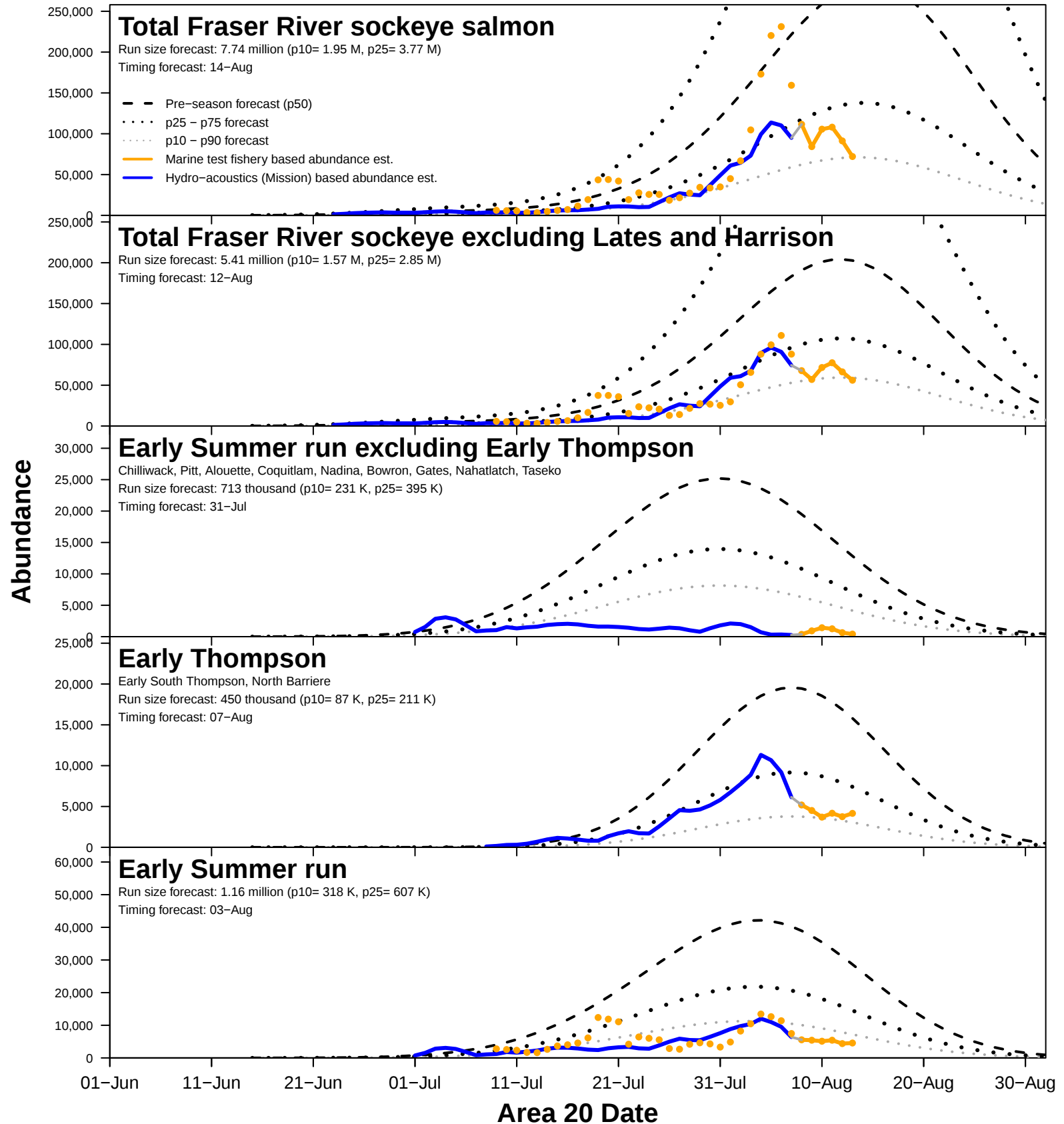
Sevi Spawning ground reports

Table 1. Fraser River Sockeye escapement - 2026 in-season update #3.

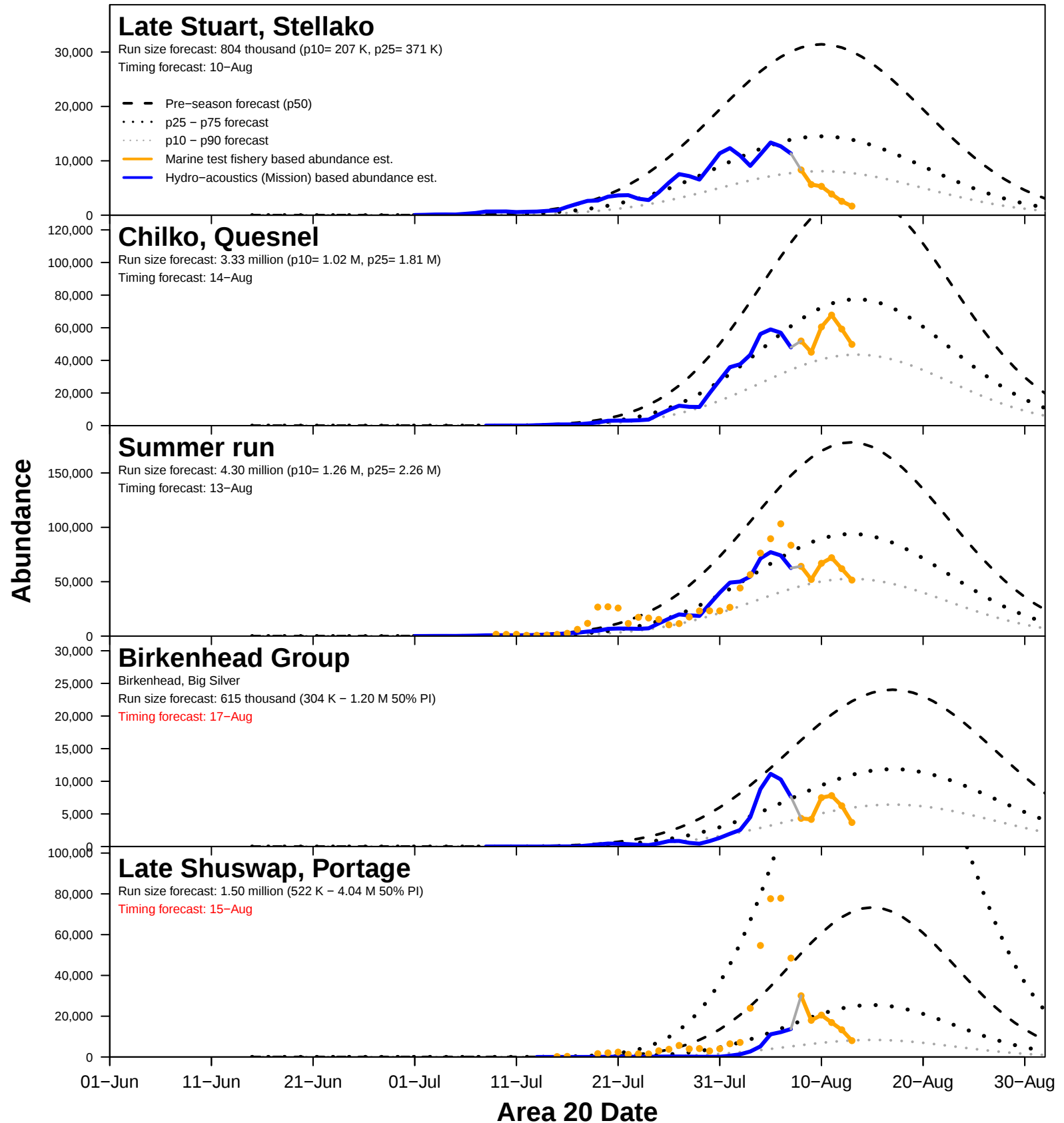
Stock	Survey Method	Start Date	End Date	No. to Date
EARLY STUART				
Early Stuart	Visual survey		Ongoing	
EARLY SUMMER				
Nadina River	Hydroacoustics		Ongoing	198
Upper Chilliwack tribs.	Visual survey		Ongoing	
SUMMER				
Stellako (includes Nadina River)	Hydroacoustics	01-Aug	Ongoing	2,198

Spawning	Water Temp.	Water Conditions	Fish Condition
Spawning	7.8-17.6		Appear healthy
Migrating			
Spawning	12		Appear healthy
Migrating	17		

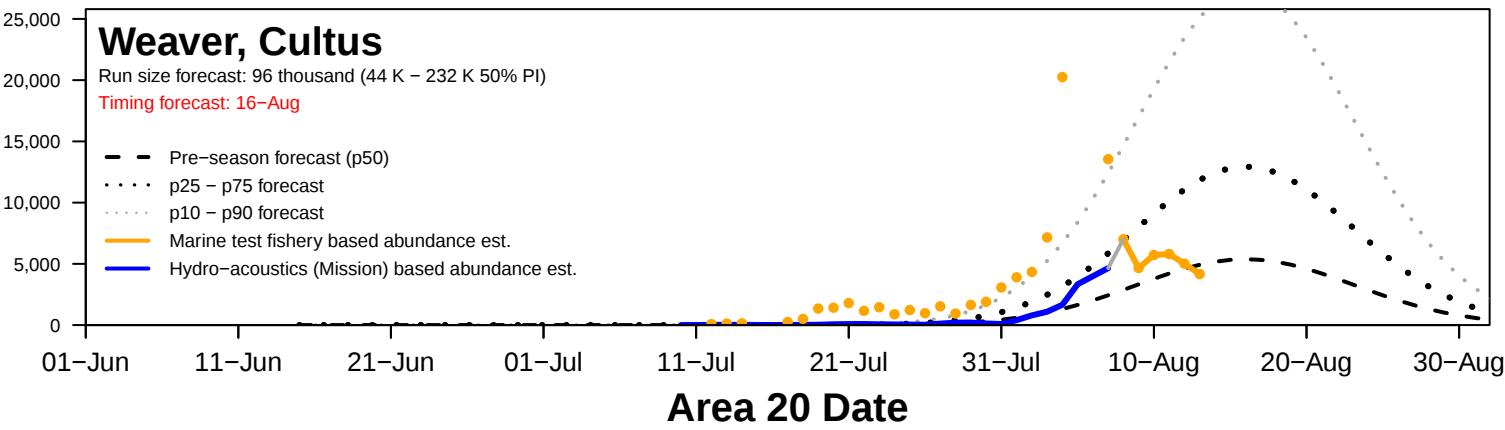
6a. 2026 Fraser River sockeye salmon daily migration



6a. 2026 Fraser River sockeye salmon daily migration



6a. 2026 Fraser River sockeye salmon daily migration



Abundance

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

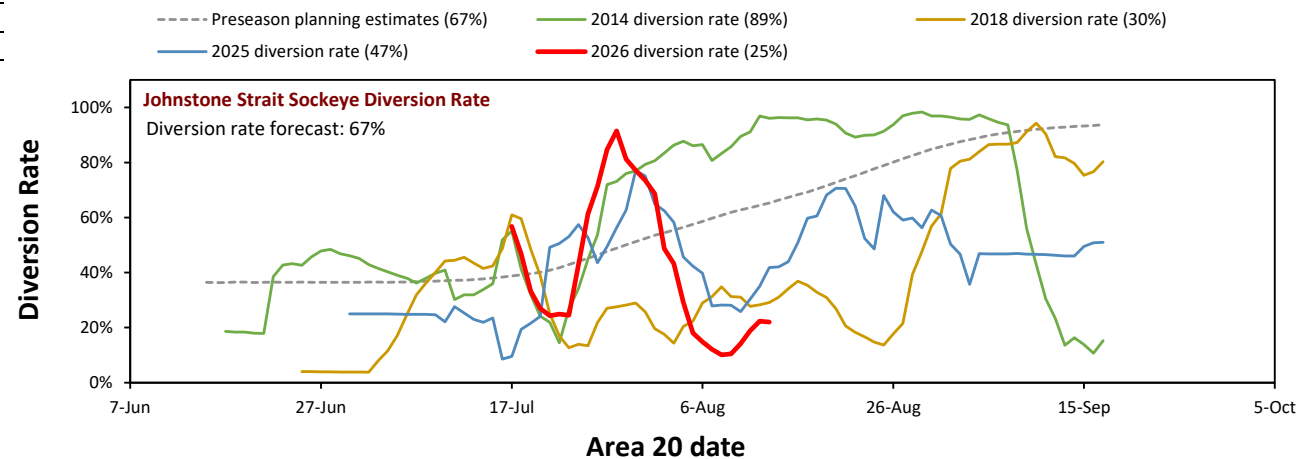
Current date: 14-Aug

	Escapement past Mission through 13-Aug	Projected abundance en route to Mission based on marine test fishery data ^{1,2}								Escapement + projections through 19-Aug	
Area 20 date		08-Aug	09-Aug	10-Aug	11-Aug	12-Aug	13-Aug	Total	80% PI ³		
Mission date		14-Aug	15-Aug	16-Aug	17-Aug	18-Aug	19-Aug		10p	90p	
Total Fraser	933,600	57,900	85,300	92,100	125,200	97,100	46,400	504,000	304,000	744,000	1,437,600
Early Summer Run	155,900	5,200	5,600	4,300	4,600	7,000	2,400	29,100	14,300	60,200	185,000
Chilliwack	13,700	0	0	0	0	0	0	0	0	0	13,700
Pitt/Alouette/Coquitlam	7,200	500	500	200	0	0	0	1,200	600	2,500	8,400
Nadina group ⁴	33,400	0	400	900	1,700	700	400	4,100	2,000	8,500	37,500
Early Thompson ⁵	101,600	4,700	4,700	3,200	2,900	6,300	2,000	23,800	11,700	49,300	125,400
Summer Run	622,300	33,900	52,700	58,800	80,200	71,400	31,000	328,000	200,100	472,300	950,300
Harrison / Widgeon ²	18,500	600	500	300	0	0	0	1,400	900	2,000	19,900
Late Stuart / Stellako	154,800	4,900	5,900	5,000	3,900	1,900	1,400	23,000	14,000	33,100	177,800
Chilko	210,600	13,900	25,200	30,800	40,800	47,400	18,800	176,900	107,900	254,700	387,500
Quesnel	230,000	13,500	20,200	22,100	34,900	22,100	10,800	123,600	75,400	178,000	353,600
Raft / North Thompson	8,400	1,000	900	600	600	0	0	3,100	1,900	4,500	11,500
Late Run	109,500	18,800	27,000	29,000	40,400	18,700	13,000	146,900	89,600	211,500	256,400
Birkenhead / Big Silver	51,700	1,000	3,900	6,600	11,000	5,100	2,300	29,900	18,200	43,100	81,600
Late Shuswap / Portage ²	42,900	14,600	18,200	17,500	23,100	8,300	7,700	89,400	54,500	128,700	132,300
Weaver / Cultus ²	14,900	3,200	4,900	4,900	6,300	5,300	3,000	27,600	16,800	39,700	42,500

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	22%

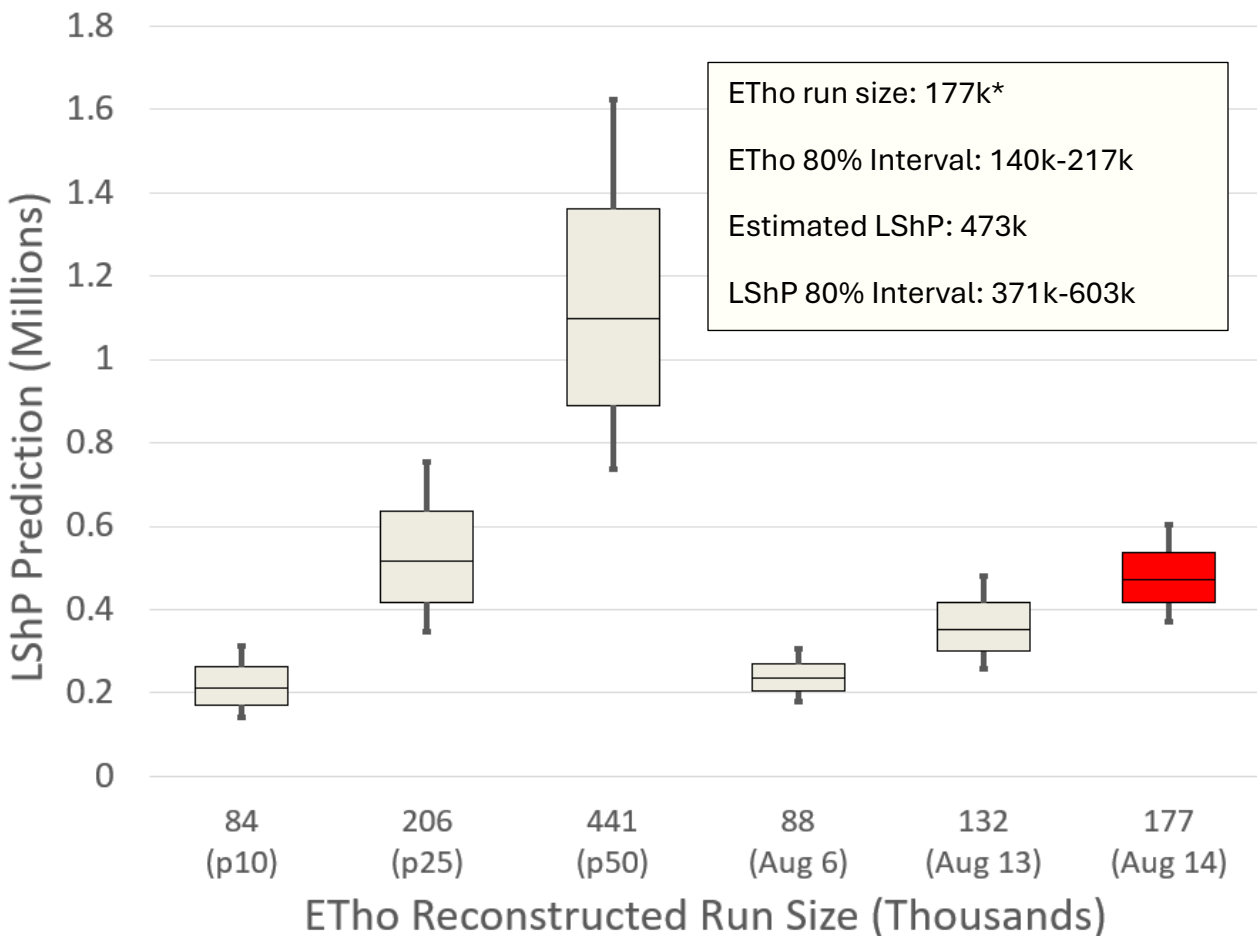


6d3. Smolt Method for Updating Run Forecasts (SMURF) method

SMURF (Smolt Method of Updating Run Forecasts) is a method of generating an earlier run size estimate of Late Shuswap/Portage (LShP) using stock composition information from juveniles from 2024. The ratio of LShP to Early Thompson (ETho) in outmigrating juveniles is assumed to be equal to the ratio of those same stocks returning in 2026.

The ratio of Late Shuswap/Portage to Early Thompson in juveniles sampled in 2024 is estimated to be 2.7 (80% interval 2.4-2.9, n = 990). The samples were provided by two research programs (DFO Basin and Coastal Scale Interactions, and Pacific Salmon Foundation and Sonora Marine Services).

We apply this ratio to the run size estimate of ETho to generate an estimate of LShP.



**ETho run size is based on the Time-Density model and may not match what is in the run size table.*

Additional technical information on the SMURF model and the time-density model can be found in sub-reports [B24](#) and [B23](#) respectively.

Results in Context:

SMURF method

- The default in-season assessment method for delaying Late-run sockeye relies on the time-density model that fits a normal distribution to CPUE data multiplied by an in-season expansion line derived for Summer-run sockeye. This method is imprecise prior to confirming the peak of the delaying Late run in marine CPUE data.
- The SMURF estimate provides a quantitative estimate of Late-run abundance that is available earlier in the season than the estimate generated by the default method and relies on (i) the ratio of Late Shuswap/Portage to Early Thompson among juveniles sampled in 2024 and (ii) the in-season run size estimate of Early Thompson in 2026.
- A key assumption is that the juveniles of these early and late stocks behave similarly, are equally vulnerable to juvenile sampling, and have the same survival in the ocean until returning two years later.
- The early signal is important, given the imprecision of the pre-season forecast, and the lengthy delay until (1) we can confirm that the peak of the Late-run has been observed in marine areas, and (2) accuracy of the expansion line can be confirmed by estimates at Mission.
- SMURF results are inevitably superseded by default methods, later in the season when default methods are deemed to provide more reliable estimates. Only 3 years with adequate data are available to retrospectively evaluate SMURF estimates and underlying assumptions.

Factors confirming a switch from SMURF to default methods is appropriate at this time

- Additional analyses have been done to evaluate the strength of the relationship between Summer-run and Late-run expansion lines.
 - Elimination of low-quality data years with low abundance and shortened sampling periods confirms and strengthens the relationship between expansion lines for Summer-run and delaying Late-run stocks, increasing the confidence in Late-run abundance estimates based on an in-season expansion line.
- Sufficient in-season data are available that confirm Summer-run abundance associated with high test fishing CPUE days in Area 20.
- Additional analyses have been done to improve forecasted timing of Late run stocks. Late Shuswap/Portage and Weaver/Cultus have consistently returned earlier than Chilko since 2019.
 - This explains high proportions of the Late run in marine areas compared to previous years and the indication of early timing in the daily migration graphs.
 - Improved timing forecasts for the Late run can improve timing-based run size estimates prior to being able to estimate and update the timing by the time-density model.
- The current SMURF estimate is inconsistent with CPUE-based abundance estimates that indicate the upper bound of the SMURF estimate will be exceeded, even when assuming the earliest historical timing.

6e. Comparisons for Fishing Decisions: Based on Information Available on Friday August 14, 2026

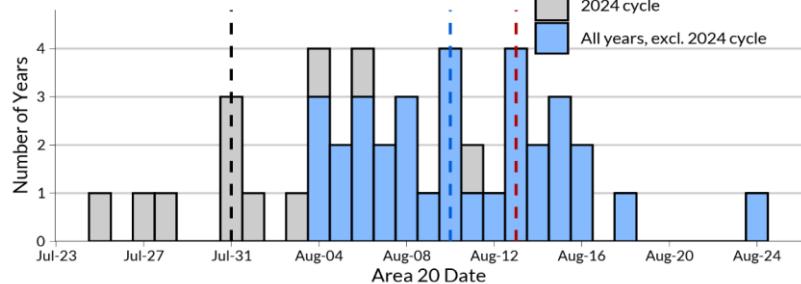
Based on the p50 planning model scenario

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.

		Assumed A20 50% Date	Days offset from pre-season forecast	Total Reconstructed Abundance		Reconstructed Stock ID %		Int'l TAC
				Marine Areas	Mission	A20	A12	
				Cumulative Through: 13-Aug		Last A20 Sample: 12-Aug		
Summer	Pre-Season Model Expectations	13-Aug	0	2,279,812	1,257,966	60%	65%	1,838,223
	Current Timing Assumption	13-Aug	0	2,279,812	1,257,966	60%	65%	
		18-Aug	5	1,414,642	622,525	63%	68%	
		21-Aug	8	972,113	370,888	63%	67%	
	Reconstructions (compare to model expectations)			990,738	648,745	74%	68%	1,838,200
Lates	Pre-Season Model Expectations	20-Aug	0	536,605	178,742	30%	23%	329,518
	Current Timing Assumption	16-Aug	-4	910,823	387,710	38%	32%	
		19-Aug	-1	621,795	220,325	32%	25%	
		18-Aug	-2	713,315	268,774	34%	27%	
	Reconstructions (compare to model expectations)			695,698	----	18%	31%	329,600

Summer

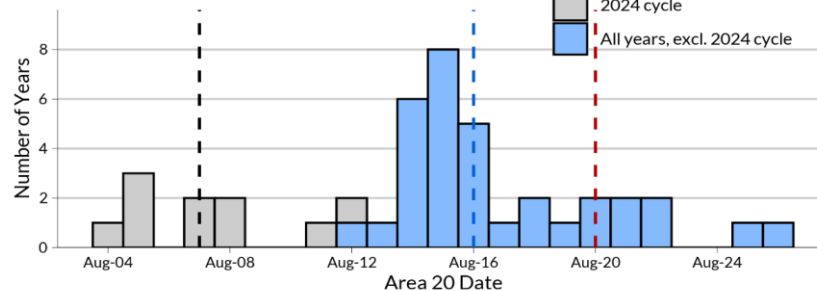
Historical 50% migration date (n = 44)



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

Late

Historical 50% migration date (n = 43)



Dashed lines:
Blue = All years, excl. 2024 cycle median of Aug-16
Black = 2024 cycle-line median of Aug-07
Red = Pre-season predicted timing of Aug-20

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 ³	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	46,000	63,000	✓ 46,000	46,000	46,000	Recon	46,000	0	0	0	01-Jul	04-Jul	01-Jul	01-Jul	01-Jul	Recon
Early Summer Run	250,000	1,164,000	● 231,000	202,000	271,000	Sum	165,000	29,000	37,000	0	04-Aug	03-Aug	03-Aug	31-Jul	04-Aug	Recon
Chilliwack		7,000	✓ 14,000	14,000	14,000	Recon	14,000	0	0	0		17-Jul	06-Jul	06-Jul	06-Jul	Recon
Nadina Group ⁴		662,000	● 39,000	36,000	43,000	Sum	35,000	4,000	0	0		31-Jul	22-Jul	21-Jul	23-Jul	Weight
Pitt/Alouette/Coquitlam		44,000	● 9,000	9,000	10,000	Recon	8,000	1,000	0	0		03-Aug	20-Jul	20-Jul	20-Jul	Recon
Early Thompson ⁵		450,000	▲ 169,000	143,000	204,000	Recon	108,000	24,000	37,000	0		07-Aug	05-Aug	04-Aug	06-Aug	Recon
Summer Run	2,400,000	4,305,000	◇ 2,173,000	1,608,000	3,020,000	Sum	663,000	356,000	1,154,000	0	13-Aug	13-Aug	13-Aug	10-Aug	16-Aug	Weight
Harrison / Widgeon		119,000	◇ 57,000	35,000	82,000	50% Date	19,000	1,000	37,000	0		08-Aug	08-Aug	29-Jul	18-Aug	p50 Forecast
Late Stuart / Stellako		804,000	▲ 269,000	202,000	317,000	Recon(2)	165,000	51,000	53,000	0		10-Aug	05-Aug	03-Aug	07-Aug	Model
Chilko		1,742,000	◇ 1,120,000	807,000	1,623,000	Model	225,000	177,000	718,000	0		13-Aug	16-Aug	13-Aug	18-Aug	Model
Quesnel		1,592,000	◇ 700,000	556,000	910,000	Model	245,000	124,000	331,000	0		14-Aug	12-Aug	10-Aug	14-Aug	Model
Raft / North Thompson		49,000	◇ 27,000	9,000	88,000	p25 Forecast	9,000	3,000	15,000	0		21-Aug	21-Aug	15-Aug	27-Aug	p25 Forecast
Late Run	NA	2,212,000	◇ 1,646,000	948,000	2,709,000	Sum	124,000	147,000	1,129,000	246,000	NA	20-Aug	15-Aug	10-Aug	20-Aug	Weight
Birkenhead Group ⁶		615,000	◇ 276,000	113,000	736,000	Model	55,000	30,000	191,000	0		22-Aug	18-Aug	13-Aug	22-Aug	Model
Late Shuswap / Portage		1,501,000	◇ 1,058,000	645,000	1,524,000	% Seaward	51,000	89,000	728,000	190,000		19-Aug	15-Aug	10-Aug	20-Aug	Historical Median
Weaver / Cultus		96,000	◇ 312,000	190,000	449,000	50% Date	18,000	28,000	210,000	56,000		19-Aug	11-Aug	07-Aug	15-Aug	Earliest Timing

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.

⁶ Birkenhead / Big Silver

Methods for run size & timing estimation

Model

Recon

Recon(2)

% Seaward

Sum

Run size assessment model (median)

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

Catch + escapement + model projections

Based on historical % left to come

Sum 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 of 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.

Run size forecasts by management group

Management Group	p10	p25	p50	p75	p90
Early Stuart	17,000	31,000	63,000	122,000	228,000
Early Summer	318,000	607,000	1,164,000	2,049,000	3,211,000
Summer	1,264,000	2,260,000	4,305,000	8,685,000	16,475,000
Late	354,000	870,000	2,212,000	5,471,000	10,686,000

Late Shuswap-Portage run size based on timing

Catch+Escapement To Date: 51,000

Projections: 89,000

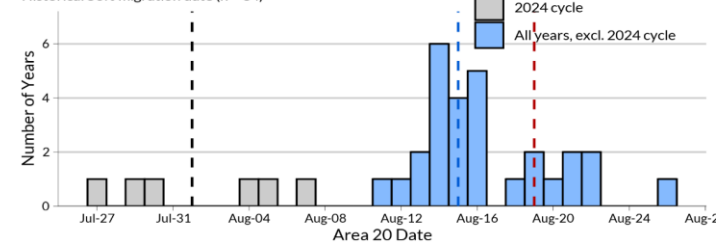
	Method	Run Size*	% Seaward of Mission
Based on timing of 11-Aug	50% Date	851,000	94%
Based on timing of 13-Aug	50% Date	883,000	94%
Based on timing of 15-Aug	% Seaward	1,058,000	95%
Based on timing of 17-Aug	% Seaward	1,415,000	96%
Based on timing of 19-Aug	% Seaward	1,910,000	97%

*Based on % seaward in cycle line years (2004-on) if timing is later than 13-Aug

*Equal to double the reconstructed abundance if timing is earlier than 14-Aug

LSHP

Historical 50% migration date (n = 34)



Dashed lines:
Blue = All years, excl. 2024 cycle median of Aug-15
Black = 2024 cycle-line median of Aug-01
Red = Pre-season predicted timing of Aug-19

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	No recommendation	250,000	NA	04-Aug	NA
Summer Run	Recommendation	2,400,000	2,200,000	13-Aug	13-Aug
Late Run*	Recommendation	2,212,000	1,600,000	20-Aug	15-Aug

* 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*	Recommendation	-0.30	0.43	-0.30	0.43



DRAFT AGENDA
PSC Fraser River Panel Meeting
Vancouver Airport Marriot Hotel, Richmond, B.C
And Via Zoom Webinar: <https://psc-org.zoom.us/j/83891544946>

FRP meeting: Tuesday, August 18, 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 20		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
 - Basin and Coastal Scale Interactions Program
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
8. Pacific Salmon Foundation & Sonora Marine Services