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No. 4

WEEKLY REPORT

August 1, 2025

The Fraser River Panel (Panel) met today to review in-season assessment data on Fraser River sockeye and pink salmon.

Test fishing and stock identification information

Recent sockeye catches indicate a shift in migration route from Strait of Juan de Fuca to Johnstone Strait, resulting in a 62% northern diversion rate. DNA analysis of a fish sample recently collected from the Area 12 purse seine test fishery indicated Fraser River sockeye contributions of 5% Early Summer run, 90% Summer run and 4% Late run. Thus far, pink salmon have mainly been caught in Johnstone Strait while catches in Juan de Fuca Strait have been low for the time of the year. These catches are expected to be dominated by non-Fraser pinks and reports on the proportions of Fraser pink salmon will be provided later this month. Daily in-season test fishing catch updates, both for sockeye and pink salmon, are available on the PSC website in an interactive visual application ([Fraser Panel Data Application](#)).

In-season Assessment Information

Fraser River Sockeye Salmon

The Early Stuart migration through the marine approach areas is winding down, and 732,500 Early Stuart are estimated to have passed Mission through July 31.

As of July 31, 105,200 Early Summer-run sockeye have passed Mission. The Early Summer run has been dominated by Nadina and Gates, and based on abundances at Mission, these stocks have exceeded their median forecasts of 37,000 and 29,000 sockeye respectively. In the past week, Early Thompson abundances have started to increase but given the later timing of this Early Summer run stock, in-season information thus far has been insufficient to provide in-season run size estimates. At today's meeting, the Panel adopted an Early Summer-run run-size estimate of 300,000 with an associated Area 20 timing of July 29. In addition, they adopted a proportional Management Adjustment (pMA) of 0.54.

All components of the Summer run are represented in samples from marine test fisheries. A total of 264,000 Summer run are estimated to have passed Mission through July 31. In-season run-size estimates for this group are expected to be available mid-August. The Summer-run management group has been dominated by Late Stuart, an early-timed component of this group, followed by Chilko, which is a later timed component.

Fraser River Pink Salmon

It is still very early in terms of pink salmon assessments and in-season assessment results are expected to be available in the latter half of August.

Migration Conditions in the Fraser River

On July 31, the Fraser River water discharge at Hope was 2,677 cubic meters per second (cms), and approximately 37% lower than average for this date. The temperature of the Fraser River at Hope on July 31 was 20.4°C, which is 2.1°C higher than average for this date. DFO's Environmental Watch program projects that river temperature will remain the same at 20.4°C, while discharge is forecast to decrease to about 2,227 cms over the next 10 days.

At the Chilcotin River, turbidity downstream of the slide site has stabilized since last week but in general there is continued elevated turbidity in the Chilcotin River downstream of the slide compared to upstream of the slide site. Last week's turbidity spikes did not cause detectable disruptions of salmon migration. The sonar monitoring station continues to see salmon passage past the slide site and salmon passage rates have increased over the last week.

Escapement Update

Visual surveys for the Early Stuart spawning escapement assessment program began July 20. Sockeye appear to be healthy and are holding with some observations of spawning sockeye. Unlike in previous recent years, spawners are observed in a wider range of Early Stuart tributaries. The hydroacoustic sonar program on the Stellako River started July 25 and to date 27 sockeye have passed the site.

Regulatory Announcements & Resources

The Panel announced the following regulations for commercial salmon fisheries in Panel Area waters:

CANADIAN FRASER RIVER PANEL AREA WATERS:

Remain closed to commercial salmon fishing.

UNITED STATES FRASER RIVER PANEL AREA WATERS:

Remain closed to commercial salmon fishing.

The next in-season meeting of the Panel is scheduled to occur on August 5. Weekly reports in this series will be provided by the Panel through the Commission every Friday during the in-season management period to inform those interested in the progress of the Fraser River sockeye salmon run. Weekly reports and regulatory announcements can be obtained via [Fraser Panel In-Season Information - Pacific Salmon Commission \(psc.org\)](https://www.psc.org) or by subscribing to our eNews [Pacific Salmon Commission \(list-manage.com\)](https://list-manage.com). Regulations and resources for fishing schedules, test fishing catch and DFO's environmental watch program can be found in Table 1.

Table 1. Regulations & Resources

Fishing Schedule Contacts/Resources	Phone Number/ Website Links
United States fishing schedules (Treaty Tribes)	1-800-562-6142
United States fishing schedules (All Citizen)	1-800-662-9825 Option 1
Canadian fisheries opening and closures	604-666-2828 1-866-431-3474 (toll free)
PSC Daily Test Fishing Catch (recorded message)	604-666-8200 Test Fishing Results - Pacific Salmon Commission (psc.org)
DFO's Environmental Watch program	Fraser River environmental watch Pacific Region Fisheries and Oceans Canada (dfo-mpo.gc.ca)

Note: For species other than sockeye or pink salmon, consult the appropriate regulatory agency regarding fisheries regulations in the Fraser River Panel Management Area.

Contacts

Canada: Adam Keizer, Chair, Fraser River Panel

United States: Jason Gobin, Vice-Chair, Fraser River Panel

2025 Run status of Fraser sockeye and pink salmon

Date: Aug. 1, 2025

Week of: Jul. 27 - Aug. 2, 2025	Sockeye				Pink	
	Management Group				Total	Total
	E.Stuart	E.Summer	Summer	Late	Fraser	Fraser
Mission passage (includes Pitt, Alouette, Coquitlam) ¹	732,500	105,200	264,000	3,800	1,105,500	0
Catch downstream of Mission	3,900	1,000	3,500	100	8,500	100
Accounted run-to-date	736,400	106,200	267,500	3,900	1,114,000	100
Run size adopted in-season ¹	725,000	300,000	na	na	1,025,000	na
Run size forecasted pre-season	116,000	221,000	2,136,000	468,000	2,941,000	26,965,000
Area 20 timing adopted in-season	6-Jul	29-Jul	na	na		na
Area 20 timing expected pre-season	8-Jul	3-Aug	15-Aug	20-Aug		21-Aug

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.

2025 Catch-to-date by fishery

Date: Aug. 1, 2025

Week of: Jul. 27 - Aug. 2, 2025		Sockeye		Pink	
		Total	Fraser	Total	Fraser
Canada		776	776	296	0
	Commercial	0	0	0	0
	B Purse Seine	0	0	0	0
	D Gillnet	0	0	0	0
	E Gillnet	0	0	0	0
	F Troll	0	0	0	0
	G Troll	0	0	0	0
	H Troll	0	0	0	0
	First Nations	0	0	0	0
	Food, Social & Ceremonial (FSC)	0	0	0	0
	Marine	0	0	0	0
	Fraser R.	0	0	0	0
	Economic Opportunity (EO) & Demonstration (Demo)	0	0	0	0
	Marine	0	0	0	0
	Fraser R.	0	0	0	0
	Recreational	0	0	296	0
	Marine	0	0	296	0
	Fraser R.	0	0	0	0
	Charter (Albion gillnet test fishery)	74	74	0	0
	Other**	702	702	0	0
United States		0	0	0	0
	Commercial	0	0	0	0
	Treaty Tribes (TRB)	0	0	0	0
	All Citizen (AC)	0	0	0	0
	Treaty Tribes Ceremonial & Subsistence (C&S)	0	0	0	0
	Other**	0	0		
	All Citizen Recreational	0	0	0	0
	Alaska *	na	na	na	na
Panel-approved Test Fisheries		10,804	10,168	1,595	136
	Panel Waters	7,592	7,376	773	89
	Non-Panel Waters	3,212	2,792	822	47
Total		11,580	10,944	1,891	136

* Alaska catch is processed post-season and so is unavailable in-season.

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