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No. 5

WEEKLY REPORT

August 8, 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

The estimated diversion rate of sockeye and pink salmon through Johnstone Strait is 42% and 9%, respectively. DNA analysis of a fish sample recently collected from the Area 20 purse seine test fishery indicated Fraser River sockeye contributions of 6% Early Summer run, 86% Summer run and 8% Late run. Pink salmon catches have been increasing in the Strait of Juan de Fuca. These catches are expected to be about 38% Fraser pinks and in-season reports on the proportions of Fraser pink salmon will be provided next week. 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 complete, and 731,900 Early Stuart are estimated to have passed Mission through August 7.

As of August 7, 206,400 Early Summer-run sockeye have passed Mission. Proportions of the Early Summer run have been declining in the marine test fisheries. Except for Chilliwack and Pitt stocks, all components of this management group are returning in numbers greater than the p50 forecast. With the increase in run size last week there is some international total allowable catch (TAC) for this management group. At the August 8 meeting, the Panel adopted an Early Summer run estimate of 390,000 with an associated Area 20 timing of August 1. This increase in run size results in international TAC for this management group.

Summer run continues to be the dominant component in marine test fisheries. A total of 995,900 Summer run are estimated to have passed Mission through August 7. Both the Late Stuart and Chilko components of this group are continuing to return at levels greater than the p50 forecast. At the August 5 meeting, the Panel adopted a Summer-run run-size estimate of 4,000,000 with an associated Area 20 timing of August 11 and at the August 8 meeting, the Panel adopted a Summer-run estimate of 4,800,000. There was no change to timing. This increase in run size, resulted in international TAC for this management group, despite the increase in the Management Adjustment (see migration condition section).

Less than 50% of the Late-run sockeye forecast is estimated to have migrated through marine assessment areas. The current data are insufficient to generate a credible in-season estimate of run size for the Late-run aggregate. The estimated escapement of Late-run sockeye past Mission through August 7 is 30,700 fish, but part of the Late run may delay their entry into the Fraser River. Delaying upstream migration until in-river water temperatures decrease, increases the chances of successful migration to the spawning grounds.

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. A few pink salmon have been caught in the in-river test fisheries. The estimated escapement of pink salmon past Mission through August 7 is 8,100.

Migration Conditions in the Fraser River

On August 7, the Fraser River water discharge at Hope was 2,511 cubic meters per second (cms), and approximately 33% lower than average for this date. The temperature of the Fraser River at Hope on August 7 was 20.6°C, which is 2.1°C higher than average for this date. DFO's Environmental Watch program projects that river temperature will increase to 20.8°C, while discharge is forecast to decrease to about 2,222 cms over the next 10 days.

With continued high-water temperatures in the Fraser River, the Summer run will be exposed to less than ideal migration conditions. It is anticipated that the 19-day average water temperature for Summer-run sockeye may exceed the 19.4°C temperature threshold, beyond which 35% of this management group is not expected to make it to the spawning grounds. At the August 8 meeting, the Panel adopted a Summer-run Management Adjustment of 0.4.

At the Chilcotin River, turbidity downstream of the slide site spiked on August 2 to 764 NTU for approximately 14 hrs but decreased by August 4 to turbidity levels below 200 NTU. During this turbidity spike, there was a noticeable decrease in the daily salmon counts, approximately 63%, but daily salmon migration counts increased again by August 4. In general, there is continued elevated turbidity in the Chilcotin River downstream of the slide compared to upstream of the slide site.

Escapement Update

Visual surveys for the Early Stuart spawning escapement assessment program began July 20. Sockeye appear to be approaching or at peak of spawn in most tributaries and are in overall good condition. Some pre-spawn mortality has been reported in high density spawning areas. Visual surveys began on the Upper Chilliwack River August 5 and sockeye have been observed holding and appear vigorous and healthy. The hydroacoustic program on the Nadina River started July 29 and as of August 5, 21 sockeye have been counted past the site. The hydroacoustic sonar program on the Stellako River started July 25 and to date 854 sockeye have passed the site. Most of these fish are assumed to be Nadina sockeye. The counting fence at Sweltzer Creek (Cultus Lake) became operational on July 30 and as of August 5, one sockeye has been counted.

Regulatory Announcements & Resources

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

CANADIAN FRASER RIVER PANEL AREA WATERS:

Areas 29-3, 29-4, and 29-6: Area H troll ITQ fishery from 0:01 to 23:59 daily from Saturday, August 9 to Tuesday August 12. (Please refer to DFO Fishery Notice for further details)

Areas 29-3, 29-4, 29-6, 29-7, 29-9 and 29-10: Area B purse seine ITQ fishery from 06:00 to 21:00 daily from Saturday, August 9 to Tuesday August 12. (Please refer to DFO Fishery Notice for further details)

UNITED STATES FRASER RIVER PANEL AREA WATERS:

TREATY TRIBAL FISHERY:

Areas 4B, 5, and 6C: Extend for drift gillnet fishing 12 p.m. (noon), Saturday, August 9, 2025 through 12 p.m. (noon), Wednesday, August 13, 2025.

Areas 6, 7, and 7A: Open for net fishing 5 a.m., Sunday, August 10, 2025 through 11:59 p.m., Monday, August 11, 2025.

ALL CITIZEN FISHERY:

Areas 7 and 7A: Open for purse seine fishing 5 a.m. through 9 p.m., Tuesday, August 12, 2025.

Areas 7 and 7A: Open for drift gillnet fishing 8 a.m. through 11:59 p.m., Tuesday, August 12, 2025.

Areas 7: Open for reef net fishing 5 a.m. through 9 p.m., Monday, August 11, 2025 and 5 a.m. through 9 p.m., Tuesday, August 12, 2025.

The next in-season meeting of the Panel is scheduled to occur on August 12. 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://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. 8, 2025

Week of: Aug. 3 - Aug. 9, 2025	Sockeye				Pink	
	Management Group				Total	Total
	E.Stuart	E.Summer	Summer	Late	Fraser	Fraser
Mission passage (includes Pitt, Alouette, Coquitlam) ¹	731,900	206,400	995,900	30,700	1,964,900	8,100
Catch downstream of Mission	3,900	5,100	57,400	3,500	69,900	2,900
Accounted run-to-date	735,800	211,500	1,053,300	34,200	2,034,800	11,000
Run size adopted in-season ¹	725,000	390,000	4,800,000	na	5,915,000	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	1-Aug	11-Aug	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. 8, 2025

Week of: Aug. 3 - Aug. 9, 2025		Sockeye		Pink	
		Total	Fraser	Total	Fraser
Canada		64,823	62,084	20,182	2,335
	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	59,903	57,164	19,886	2,335
	Food, Social & Ceremonial (FSC)	59,903	57,164	19,886	2,335
	Marine	52,495	49,756	19,886	2,335
	Fraser R.	7,408	7,408	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)	166	166	0	0
	Other**	4,754	4,754	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		17,396	16,671	3,127	539
	Panel Waters	12,911	12,658	1,963	422
	Non-Panel Waters	4,485	4,012	1,164	116
Total		82,219	78,755	23,309	2,874

* 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