

Fraser River Sockeye In-season Update –July 11, 2025

The below is a summary of the July 11 Fraser Panel Meeting. For specific details please refer to the attached Fraser Panel distribution from the call. This is the first in-season meeting of 2025 and as such limited information is available at this time. Mission hydroacoustic and marine and in-river test fisheries began this week with marine seines beginning in a few weeks. Strong, early-season returns for Early Stuarts are being observed with variable migrations conditions throughout the watershed; however, no changes to pre-season estimates of abundance, timing or management adjustments were recommended today. Information will be further evaluated during the tech meeting on July 17. If you have any questions or notice any errors in the summary please contact Colin.Schwindt@dfo-mpo.gc.ca so I can make adjustments.

2025 Run Status of Fraser Sockeye:

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

Reviewed by the Fraser River Panel

Week of: Jul. 6 - Jul. 12, 2025	Sockeye				
	Management Group				Total Fraser
	E.Stuart	E.Summer	Summer	Late	
Mission passage (incl'ds Pitt, Alouette, Coquitlam)	302,900	6,800	0	0	309,700
Catch downstream of Mission	600	0	0	0	600
Accounted Run To Date	303,500	6,800	0	0	310,300
Run size adopted in-season ¹	na	na	na	na	na
Run size forecasted pre-season	116,000	221,000	2,136,000	468,000	2,941,000
Area 20 timing adopted in-season	na	na	na	na	na
Area 20 timing expected pre-season	8/Jul	3/Aug	15/Aug	20/Aug	14/Aug
Johnstone Str. Diversion Rate	Annual average to date				na
	Preseason forecast of annual rate:				64%

¹ Run sizes are usually not adopted until after the peak of the run has passed through marine test fishery areas in Juan de Fuca and Johnstone straits.

- Total run accounted to date is 310,300 Fraser Sockeye almost all of which are Early Stuarts
- Sample sizes are still very small and information is limited at this time.
- The preseason diversion rate for Sockeye through Johnston Straight is modeled at 64%

In-season Data Flow

Acoustics

- **Qualark:** Hydroacoustics started on July 1 with the Qualark TF starting on July 2. Average daily passage began strong (>1,000) with subsequent strong increase toward end of the week (>40,000).
- **Mission:** Hydroacoustic assessments of daily sockeye passage began July 4. Counts have been building steadily with a Peak of 42,000 observed on July 10. Average daily comparable passage (accounting for 2-day offset to Qualark) is 37,000 per day.

Test fishing catch

- **Marine Area:** A12 GN started Jul 8 and A20 began Jul 10 with promising catches observed. A20 and A12 purse seines are scheduled to start on July 25 and July 24, respectively.
- **Fraser River:** Whonnock (Glenn Valley Bar) is operational as of June 25 with the first catches observed on Jul 4 (3). Brownsville began on July 10 (207).

Stock Proportions

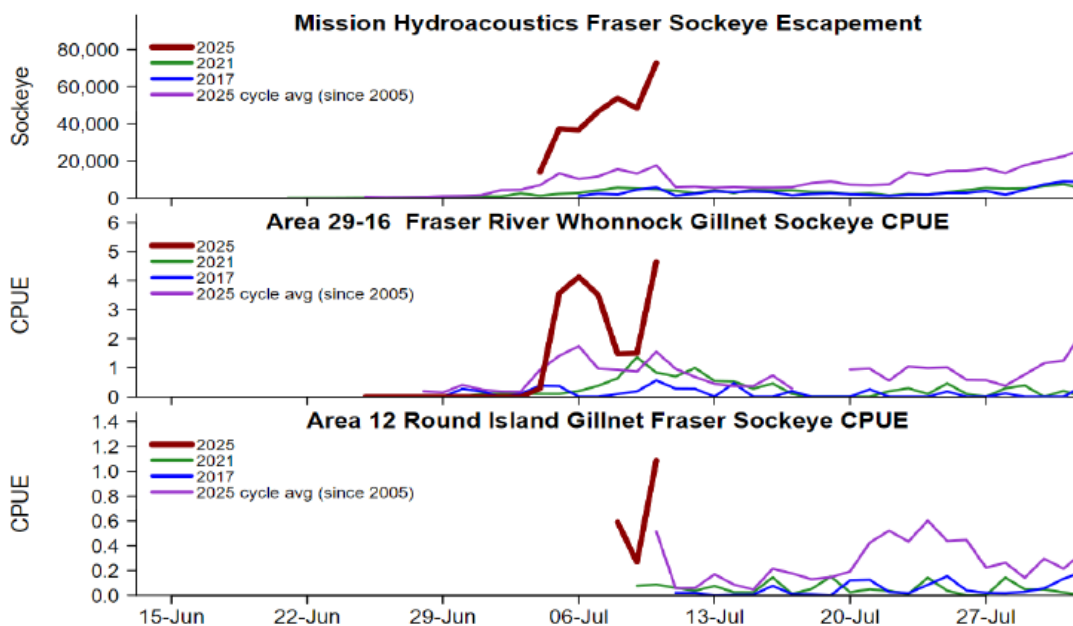
- **Marine Area:** Marine samples not expected until mid-July.
- **Fraser River:** limited samples to date. Current results indicate almost all fish are Early Stuarts. Aging samples indicate majority are 4 YO.

Environmental Conditions and Management Adjustments

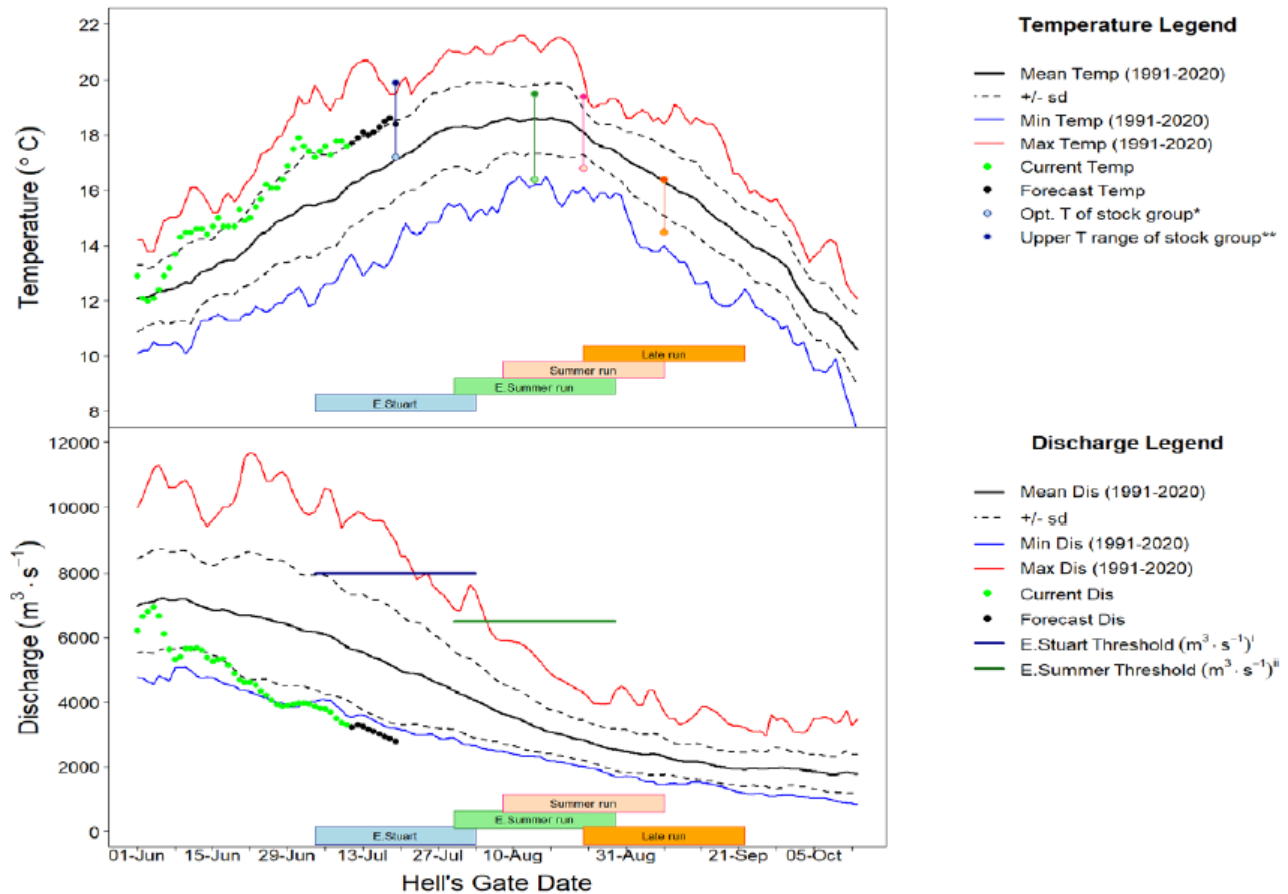
- The high temperature of the Fraser River at Qualark on July 10 was 17.6°C, which is 1.5°C above average. Temps are projected to increase gradually across the watershed next week.
- The Fraser River discharge at Hope was 3,318 m³/s, which is approximately 42% lower than historical average. Discharge is not posing passage issues at this time.
- High water temperatures combined with low discharge are expected to increase on-route loss as the season progresses

Chilcotin Slide Area Update

- Monitoring of the area is ongoing, weekly updates are provided to the FRP on Fridays
- Several small sloughing events have occurred in the area resulting in short-term increases in turbidity.
- Sonar stations are in place above and below the area to monitoring potential passage delays.



Fraser River Migration Conditions



Observations Throughout the Watershed

- No observations of fish health are available at this time. First in-season reports are expected for the July 15 meeting.

Reports From Other Areas

	Area	Pre-season Forecast	Run Size Estimate	Run to Date	Date of Last Update	Sources
Alaska	Bristol Bay	54.1 Million	58.1 Million	42.4 million	July 8, 2025	1, 2
British Columbia	Nass River (TRTC)	476,000	-	98,000	July 9, 2025	3
	Skeena River	2.7 Million	1.9 Million	204,800	July 8, 2025	4, 5
	Barkley Sound	500,000 – 700,000	850,000	490,000	July 10, 2025	6
	Fraser River	2.9 Million	-	-	-	-
Washington	Baker Lake	60,200	-	44,000	July 8, 2025	7, 8
	Lake Washington	35,400	-	5,071	July 8, 2025	8, 9
	Columbia River	350,000	172,400	155,000	July 10, 2025	8, 10, 11

Assessments and Recommendations

Early Stuarts

- No changes to preseason estimates

Early Summers

- No changes to preseason estimates

Summers

- No changes to preseason estimates

Lates

- No changes to preseason estimates

Management Group	Run Size	Timing A20 50%date	Proportional Mngt. Adjust. ^a	Available Harvest ^b	Allowable Incidental Harvest ^c
Early Stuart (Pre-Season)	116,000	8 July	1.17	0	11,600
Early Stuart (Adopted In Season)	No Change	No Change	No Change	0	No Change
Early Summers (Pre-Season)	220,000	3 Aug	0.54	9,600	N/A
Early Summers (Adopted In Season)	No Change	No Change	No Change	No Change	No Change
Summer (Pre-Season)	2,137,000	15 Aug	0.28	235,000	N/A
Summer (Adopted In Season)	No Change	No Change	No Change	0	No Change
Late (Pre-Season)	468,000	20 August	1.56	0	46,800
Lates (Adopted In Season)	No Change	No Change	No Change	0	No Change

^a Proportional Management Adjustment is multiplied by the escapement target to calculate the numerical management adjustment.

^b Available harvest after deductions. Harvest includes all catch in all fisheries in Canada the United States and test fisheries. CTAC will be assessed in-season.

^c Incidental allowable harvest in a LAER scenario. Incidental harvest is not a target and would be considered a maximum, includes test fishery catch and may include fishery induced mortalities.

Fishery Recommendations

- no fishery recommendations are being considered at this time.

Other Business

- 2025 Fraser River Panel Management Plan (formerly principles and constraints document) under review by Canadian and American caucuses
- Final IFMP Fraser Sockeye Escapement Plans released by DFO
[Pacific Region final integrated fisheries management plan, July 1, 2025-June 30, 2026, salmon, southern BC.: Fs143-3/23-2544E-PDF - Government of Canada Publications - Canada.ca](#)

Next Meeting

- Next Panel meeting is July 15, 2025.
- First Panel Tech meeting is July 17, 2025.