

Update No. 13
October 16, 2025

2025 FRASER RIVER SOCKEYE ESCAPEMENT
In-season Update

In-season updates provide a general indication of run timing, relative abundance, fish condition, and behaviour of Fraser Sockeye, as well as the environmental conditions observed on the spawning grounds. Data and observations are derived from stock assessment field studies that implement hydroacoustic, mark-recapture, enumeration fence, and visual assessment methods. These data are not escapement estimates and should not be interpreted as such.

SUMMER RUN

Harrison-Lillooet

Harrison River

The Harrison River Sockeye assessment has changed from mark-recapture to visual surveys. The first survey of the Harrison River was completed October 8-10. A small number of carcasses have been recovered however live counts are not available for this reporting period.

LATE RUN

Harrison-Lillooet

Visual surveys

Sockeye in Weaver Creek are in the early stages of spawning with the majority still migrating into the Weaver Creek Channel or holding further downstream in Morris Slough. Water levels in the creek remain relatively low despite some precipitation over the past week. Channel operators are not releasing any Sockeye upstream of the channel entrance due a lack of water. Counts, carcass recoveries, and water temperatures from surveys conducted during the current reporting period are summarized in Table 1.

Weaver Creek Channel

The Weaver Creek Channel began operations on October 6. As of October 12, a total of 8,419 Sockeye have been counted into the channel and no Sockeye have been released into the creek upstream of the channel. Water levels in the channel increased slightly after the recent precipitation, however the Weaver Lake water level remains critically low and the channel is requiring groundwater input. Measures are being taken to reduce fish stress in the channel as much as possible. Water temperatures at the top and bottom of the channel are 13°C.

South Thompson**Visual Surveys**

Cyclic visual surveys of Late Run Sockeye in the South Thompson system began on October 1. The vast majority of Sockeye in this aggregate are being observed in the lower Adams River. Sockeye are at peak spawning in most systems. Water levels continue to be low (i.e. < 25% bankfull) for many of the surveyed streams, such as: Trinity, Loftus, Perry, Sinmax, Anstey, Hunakwa, Nikwikwaia, Hiuihill, Scotch and Yard. Ross and Onyx creeks are dewatered. Counts, carcass recoveries, and water temperatures from surveys conducted during the current reporting period are summarized in Table 1.

Lower Fraser**Cultus Lake**

As of October 15, 493 Sockeye have been counted through the Sweltzer Creek fence and an additional 205 have been retained for broodstock (Table 2). The water temperature of Sweltzer Creek is 15°C.

The next scheduled update will be on October 23.

Table 1: In-season roving survey data for the current reporting period (October 8-15, 2025).

Stock	Date	Survey #	Survey Type	Water Temp. (°C)	Live Count	Cumulative Carcasses Recovered ^a
LATE						
<u>Harrison (U/S)-L</u>						
Harrison-Lillooet						
Weaver Creek	Oct-14	3	Ground	11.1	12,419 ^b	1,718
<u>Shuswap Complex-L</u>						
Late South Thompson						
Adams Lake - East Shore	Oct-11	1	Ground	-	0	0
Adams Lake - North Shore	Oct-11	1	Ground	-	0	0
Adams Lake - South Shore	Oct-11	1	Ground	-	36	0
Adams River - Lower	Oct-09	1	Aerial	-	41,875	26
Adams River - Lower	Oct-13	3	Ground	13.3	-	479
Adams River - Lower	Oct-15	4	Ground	13	0	1,650
Adams River - Upper	Oct-11	1	Ground	10.1	0	0
Anstey River	Oct-12	1	Ground	7.1	15	0
Canoe Creek	Oct-12	1	Ground	7.4	0	0
Crazy Creek	Oct-10	1	Ground	8	0	0
Eagle River	Oct-10	1	Ground	13	53	22
Hiuihill Creek	Oct-13	3	Ground	4.6	0	0
Hunakwa Creek	Oct-12	1	Ground	12.3	1	0
Little River	Oct-09	1	Aerial	-	1,500	0
Little River	Oct-14	1	Ground	12	3,013	26
Loftus Creek	Oct-10	1	Ground	8.2	0	0
Lower Shuswap River	Oct-09	2	Ground	14.3	23	1
Momich River - Lower	Oct-11	1	Ground	12.9	0	0
Nikwikaia Creek	Oct-13	3	Ground	6.9	0	0
Perry River	Oct-10	1	Ground	8.9	0	0
Scotch Creek	Oct-14	1	Ground	3.4	4	0
Shuswap Lake - Anstey Arm Shore	Oct-12	1	Ground	-	0	0
Shuswap Lake - Main Arm Shore	Oct-14	1	Ground	-	148	150
Shuswap Lake - Salmon Arm Shore	Oct-12	1	Ground	-	0	0
Sinmax Creek	Oct-11	1	Ground	9.2	4	0
Tappen Creek	Oct-12	1	Ground	8.4	0	0

Stock	Date	Survey #	Survey Type	Water Temp. (°C)	Live Count	Cumulative Carcasses Recovered ^a
Trinity Creek	Oct-09	1	Ground	8.1	0	0
Yard Creek	Oct-10	1	Ground	7.6	0	0

Note: These data are not escapement estimates and should not be interpreted as such.

^a Cumulative carcasses recovered over the entire project.

^b Includes Sockeye that may be counted into the channel in the future.

Table 2: Daily fence counts (and captured brood stock) of Sockeye salmon in Sweltzer Creek.

Date	Lake Count	Brood Collected
Jul-29	0	0
Jul-30	0	0
Jul-31	0	0
Aug-01	0	0
Aug-02	1	0
Aug-03	0	0
Aug-04	0	0
Aug-05	0	0
Aug-06	0	0
Aug-07	0	0
Aug-08	0	0
Aug-09	0	0
Aug-10	0	0
Aug-11	0	0
Aug-12	0	0
Aug-13	0	0
Aug-14	0	0
Aug-15	0	0
Aug-16	0	0
Aug-17	1	0
Aug-18	0	0
Aug-19	1	0
Aug-20	0	0
Aug-21	5	0
Aug-22	4	0
Aug-23	0	0
Aug-24	0	0
Aug-25	0	0
Aug-26	4	0
Aug-27	0	0
Aug-28	0	0
Aug-29	1	0
Aug-30	0	0
Aug-31	2	0
Sep-01	8	0
Sep-02	2	0
Sep-03	4	0
Sep-04	3	0
Sep-05	2	0
Sep-06	3	0
Sep-07	2	0
Sep-08	5	3
Sep-09	11	6
Sep-10	2	2
Sep-11	7	10

Date	Lake Count	Brood Collected
Sep-12	4	5
Sep-13	23	0
Sep-14	32	0
Sep-15	15	10
Sep-16	10	0
Sep-17	10	5
Sep-18	6	9
Sep-19	6	0
Sep-20	5	0
Sep-21	12	0
Sep-22	7	9
Sep-23	2	3
Sep-24	0	6
Sep-25	3	11
Sep-26	7	0
Sep-27	12	0
Sep-28	17	0
Sep-29	8	5
Sep-30	14	0
Oct-01	5	6
Oct-02	5	14
Oct-03	15	16
Oct-04	11	0
Oct-05	1	5
Oct-06	1	36
Oct-07	2	20
Oct-08	7	11
Oct-09	37	13
Oct-10	38	0
Oct-11	39	0
Oct-12	26	0
Oct-13	22	0
Oct-14	16	0
Oct-15	7	0
Total	493	205

- : Fence closed.