

Skeena Sockeye In Season Update for SFNTC

27 June, 2023

Summary

- Early in the season. Sockeye are entering the Skeena with a cumulative total escapement of 56,905 to date
- Catchability coefficient in 2023 is 1307 sockeye per index point

Tyee Escapement and TRTC

Table 1: Cumulative escapement, TRTC, and catch to June 26.

Cumulative.to.Date	Number.of.Sockeye	Run.Timing	Percent.Through
Escapement Past Tyee	56905	Average	2.4
TRTC (Escapement+Catch)	56905	One week early	6.0
Catch (preliminary)	0	One week late	0.8

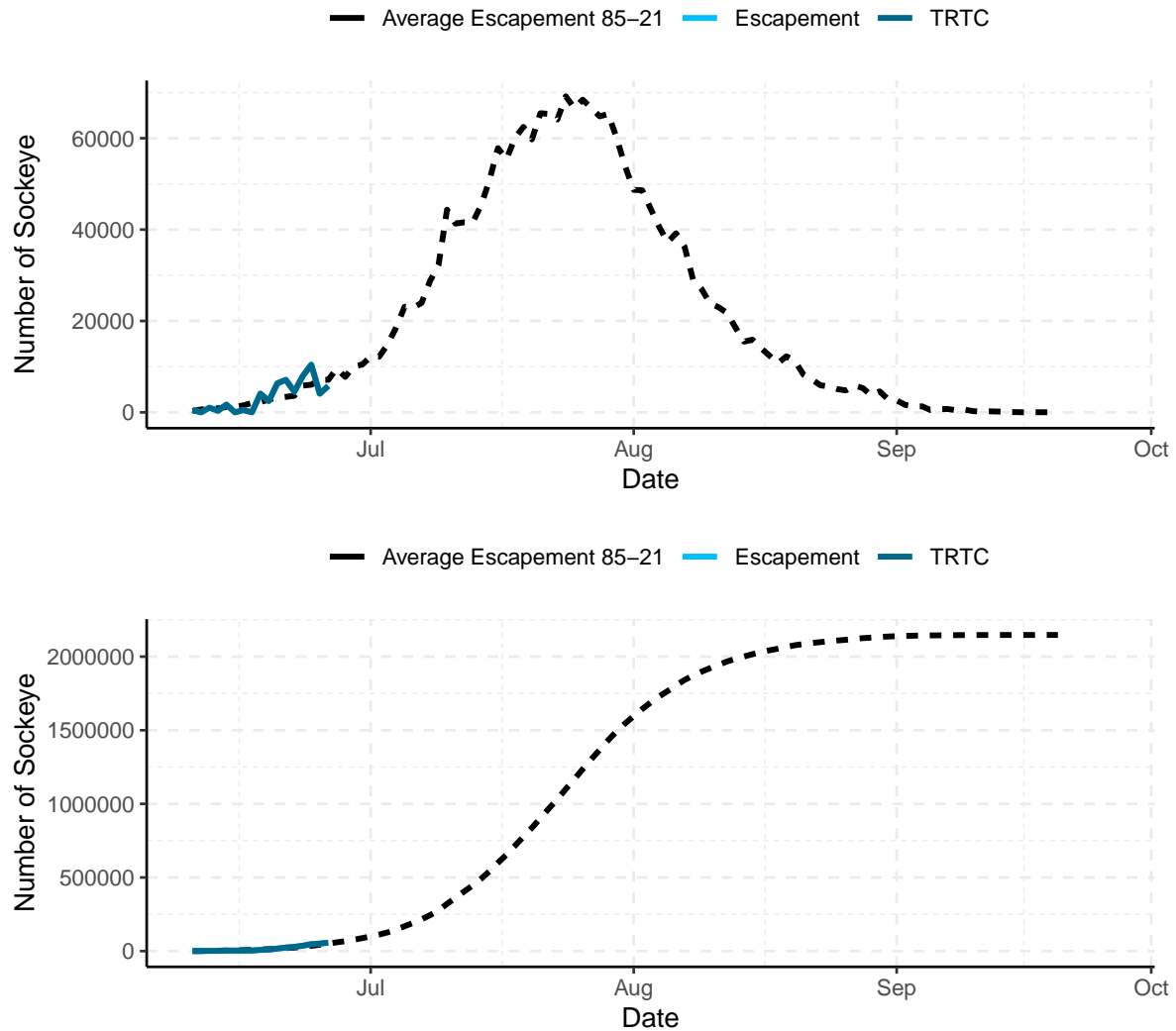


Figure 1: Daily (top) and cumulative (bottom) estimated escapement and TRTC (escapement + adjusted catch) at the Tyee test fishery versus the 1985-2021 average.

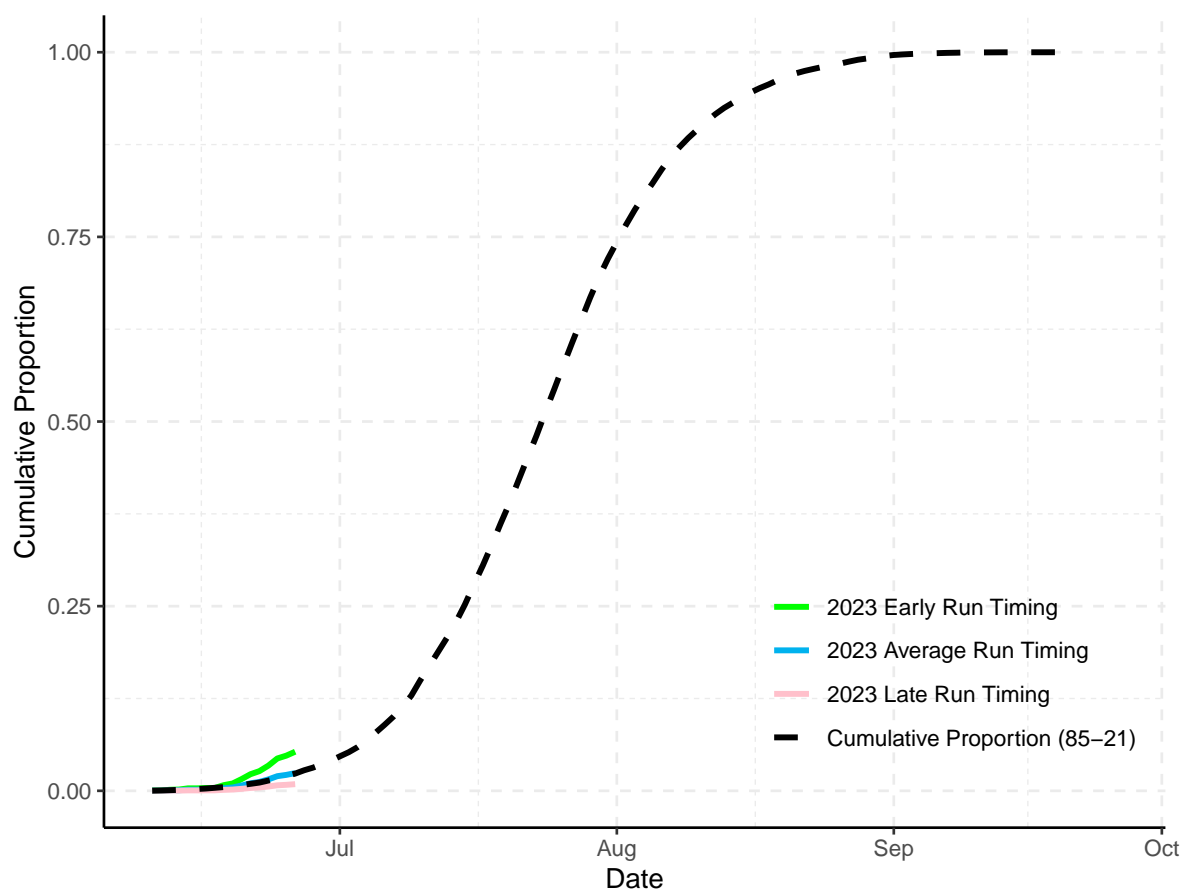


Figure 2: Cumulative estimated daily proportion of TRTC based on 1985-2021 average.

Tyee run-timing model

Table 2: Forecasted sockeye final TRTC based on early, average and late run-timing.

Run.Timing	Forecasted.Final.Run.Size
Early	1074579
Average	2373919
Late	6314301

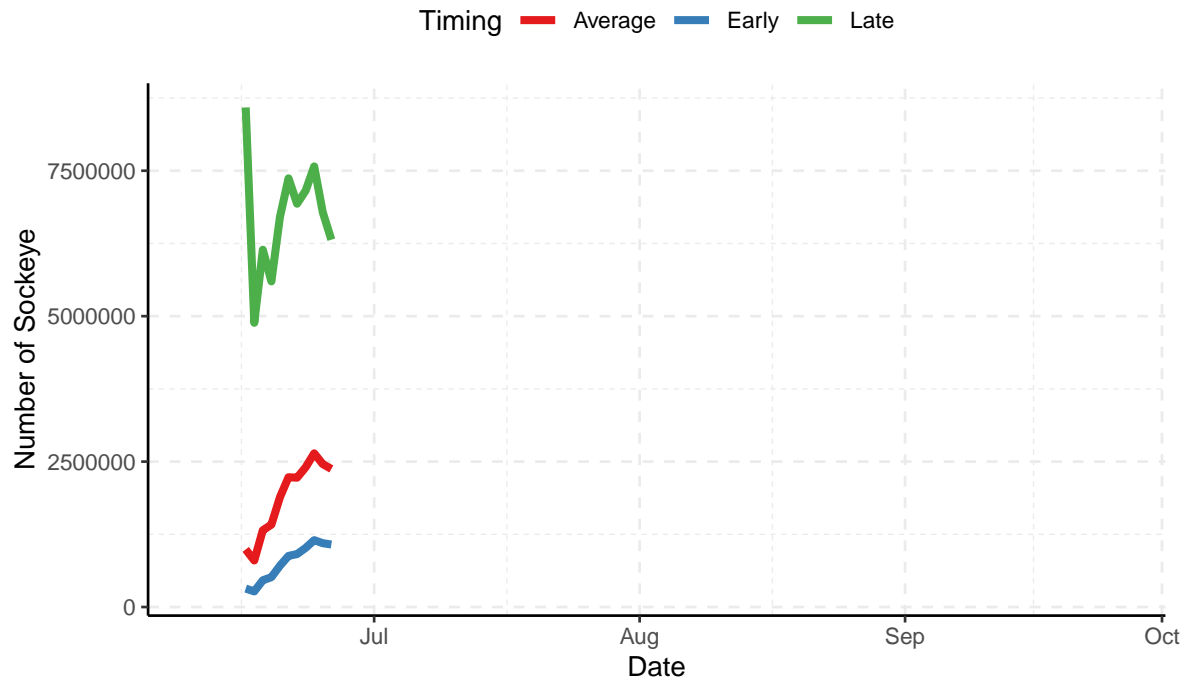


Figure 3: Forecasted final TRTC of Skeena sockeye based on the simple scalar run-timing model.