



Fraser Salmon Bulletin No: 2022-12

Date: Sept 9, 2022

These bulletins will be provided weekly to mid-September. The purpose of this bulletin is to provide you with the links and information to keep yourself up to date on in-season fishing information.

Fraser Sockeye



September 6, 2022 Update

The Fraser River Panel met Tuesday, September 6, to receive an update on the migration of Fraser River Sockeye salmon and review the status of migration conditions in the Fraser River watershed. The current estimate of catch plus escapement past the Mission hydroacoustics site is 5,292,600 Sockeye. Of these 244,500 are presumed to be Early Stuart Sockeye, 604,900 to be Early Summer Sockeye, 3,539,200 to be Summer Sockeye and 904,000 to be Late run Sockeye. To date, 820,300 Sockeye are estimated to have been caught downstream of the Mission site.

Total In-season Catch and Escapement Accounted To-date:

2022 Run status of Fraser sockeye salmon

Date: Sep. 6, 2022

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

Week of: Sep. 4 - Sep. 10, 2022	Sockeye					Total Fraser
	Management Group					
	E.Stuart	E.Summer	Summer	Late		
Mission passage (inclds Pitt, Alouette, Coquitlam)	243,300	564,100	3,012,400	652,500		4,472,300
Catch downstream of Mission	1,200	40,800	526,800	251,500		820,300
Accounted Run To Date	244,500	604,900	3,539,200	904,000		5,292,600
Run size adopted in-season²	244,000	600,000	3,700,000	1,600,000		6,144,000
Run size forecasted pre-season	105,000	1,579,000	4,403,000	3,688,000		9,775,000
Area 20 timing adopted in-season	6-Jul	30-Jul	15-Aug	16-Aug		na
Area 20 timing expected pre-season	4-Jul	6-Aug	10-Aug	18-Aug		13-Aug
Johnstone Str. Diversion Rate	Annual average to date					33%
	Preseason forecast of annual rate:					48%

² 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.

On Sept. 5, the discharge of the Fraser River at Hope was 2,741 m³/s, which is approximately 13% higher than average for this date. The temperature of the Fraser River at Qualark on Sept. 5 was 18.6°C, which is 2.0°C higher than average for this date.

Fraser River Run Status

- There have been no updates to the Early Stuart run since Aug. 18
- There have been no updates to the Early Summer and Summer runs since Aug. 22.
- On Sept. 6 the Fraser Panel accepted a Late run size of 1,850,000 with an associated run timing of Aug. 16. This run size is an average of the two run sizes presented on Friday Sept. 2, as the Fraser Panel believed that adopting an average of the much higher run size proposed on Sept. 6 was not precautionary enough in light of the lower

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than expected returns observed for the Early Summer and Summer management units. At this run size there is commercial TAC available for the Late run.

Fraser Sockeye In-Season Information Sources

The Fraser River Panel meets regularly from early July to mid-September to review information as it becomes available over the course of the Sockeye migration. Meetings take place each Tuesday and Friday at 11:00 am. Here is the link to the in-season meetings.

<https://psc-org.zoom.us/j/81888592927>

You can also dial in: 855 703 8985 (Toll Free) Webinar ID: 818 8859 2927

First Nations downstream of Sawmill Creek – Meetings occur at least weekly with the times and dates differing depending on the fishing area.

First Nations upstream of Sawmill Creek - In-season teleconferences between DFO and First Nations fishing above Sawmill Creek will take place on Wednesdays at **10:00 am**.

Online information Sources

In-season information including fishery openings are posted on the Internet at the following web sites:

- Weekly PSC News Release: http://www.psc.org/news_frpnews.htm
- Aboriginal, Commercial and Recreational Fishery Notices: <http://www-ops2.pac.dfo-mpo.gc.ca/fns-sap/index-eng.cfm>
- DFO Fishery notices are released weekly during the Sockeye season to provide updates on the status of the Sockeye runs. To sign up to have Fishery Notices sent to your email, please click [here](#).

If you catch a tagged fish:

Researchers with Fisheries and Oceans Canada, in partnership with First Nations and the Province of BC, are tagging Chinook, Sockeye, and Coho salmon with radio tracking transmitters. The numbers printed on the radio tracking transmitters uniquely identify individual salmon and will be used to evaluate adult salmon migration success associated with the Big Bar landslide.

Please report the tag numbers along with the date and location of capture or recovery to

BigBarTag@gmail.com

Or turn the tags in with the above information through your local catch monitoring program.



Catch (Kept and Released)

FSC In-river Management Actions and Preliminary Catch to Date (to week ending September 4, 2022)

Area	Management Actions/Opening	Catch To Date			
		Sockeye		Chinook	
		Kept	Released	Kept	Released
Below Port Mann Bridge	In-season discussions to plan fisheries.	84,537	43	1083	0
Port Mann to Sawmill Creek		201,715	169	8073	26
Sawmill Creek to Texas, including Thompson d/s Bonaparte		53,990	1,804	986	12
Texas to Deadman		64,982	963	45	0
Deadman to Naver (includes tribs)		19,314	94	187	0
Upstream of Naver Confluence (includes tribs)	Catch in this area not updated*	0	0	0	0
Thompson u/s of Bonaparte and tribs		2,437	0	231	0

South Coast Sport Catch Bulletin – to be added to the distribution list, please contact Aswea Porter (Aswea.Porter@dfo-mpo.gc.ca) tel: (250) 756-7028. These are produced monthly from June to September.

Window Closures

The 2022 Coho “window closure” dates are provided below. The start and end dates of the window closure have been selected to protect approximately 90% of the Interior Fraser Coho migration from exposure to non-selective fishing gear, with adjustments made on an annual basis to initiate the closure period following the Labour Day weekend. Selective fishing gear (e.g. beach seines, rod and reel fishing (no bait), dip nets, fish wheels) remain open in many areas.

Area	Start and End Dates
Subareas 29-6, 29-7, 29-9 and 29-10	September 6 to October 7
Fraser River - Below Mission	September 6 to October 7
Fraser River - Mission to Hope	September 8 to October 10
Fraser River - Hope to Sawmill Creek	September 10 to October 15
Fraser River - Sawmill Creek to Lytton	September 16 to December 31
Fraser River - Lytton to Williams Lake River	September 23 to December 31
Fraser River - Upstream of Williams Lake River	October 1 to December 31
Thompson River Downstream of the confluence of the North and South Thompson Rivers	September 23 to December 31
Thompson River Upstream of the confluence of the North and South Thompson Rivers	October 1 to December 31

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Fraser River Steelhead

For 2022, DFO will protect IFR Steelhead from incidental fishing mortality occurring in salmon fisheries using the window closure approach first implemented in 2019. The dates for the Fraser River are provided below. Additional details can be found in the 2022/2023 Southern BC Salmon IFMP.

Fishery Location	27-day window closure (FSC fisheries occurring in the Fraser River)		42-day window closure (commercial gillnet, purse seine, beach seine, and shallow seine fisheries and recreational fisheries occurring in the Fraser River)	
	Start	End	Start	End
Area 29: 29-6, 29-7, 29-9, and 29-10	26-Sep	22-Oct	19-Sep	30-Oct
Mouth to Port Mann Bridge	26-Sep	22-Oct	19-Sep	30-Oct
Port Mann Bridge to Albion	27-Sep	23-Oct	20-Sep	31-Oct
Albion to Mission	28-Sep	24-Oct	21-Sep	1-Nov
Mission to Hope	29-Sep	25-Oct	22-Sep	2-Nov
Hope to Sawmill Creek	3-Oct	29-Oct	26-Sep	6-Nov
Sawmill Creek to Lytton (Thompson Confluence)	5-Oct	31-Oct	28-Sep	8-Nov
Lytton to Texas Creek	8-Oct	3-Nov	1-Oct	11-Nov
Texas Creek to Kelly Creek	10-Oct	5-Nov	3-Oct	13-Nov
Kelly Creek to Deadman Creek	13-Oct	8-Nov	6-Oct	16-Nov
Deadman Creek to Chilcotin River	16-Oct	11-Nov	9-Oct	19-Nov
Chilcotin River	19-Oct	14-Nov	12-Oct	22-Nov
Thompson River – Thompson Confluence to Bonaparte	8-Oct	3-Nov	1-Oct	11-Nov
Thompson River – Bonaparte River to Kamloops Lake	12-Oct	7-Nov	5-Oct	15-Nov

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