

## FRASER CHINOOK

**Spring and Summer 5<sub>2</sub> Chinook – Zone 1 management**

- Final In-season return to the mouth of the Fraser: Range of 27,000 to 68,000. Median 42,530 ([FN0549](#))

**Chinook Aggregate Return to date at Albion by Percentage to stat week 7-2** (from historical Albion data)

	Spring 4 <sub>2</sub>	Spring 5 <sub>2</sub>	Summer 5 <sub>2</sub>	Spring/Sum 5 <sub>2</sub> aggregate
% return to date past Albion	72%	85%	30%	62%
% remaining	28%	15%	70%	48%

**2017 Albion Chinook 8" Mesh Catch – [Link to online Albion information.](#)**

- 8" mesh net fished odd days in April & May. Even days in June & July
- 21 Chinook caught in 8 inch mesh net and 21 Chinook caught in the multi-panel net to date

**FSC Chinook In-river Management Actions and Very Preliminary Catch to Date:**

Area	Management Actions/Openings	CTD	
		Sox	Chin
Below Port Mann	Potential openings based on 45% effort reduction model.	2	135
Port Mann to Sawmill	Potential openings based on 45% effort reduction model.	2	1,355
Sawmill to Texas, and Thompson d/s Bonaparte	Potential openings based on 45% effort reduction model.	5	149
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Texas to Deadman	Open 7 days/week, dip net, rod and reel, (ltd 8"GN)	1	188
Deadman to Naver (includes tribs):	Open 7 days/week, dip net, rod and reel	0	0
Upstream of Naver Confluence (includes tribs)	Opens July 1, 2017	0	0
Thompson and tribs		0	0

**Note:** The most current catch reports are available online at: <http://www.pac.dfo-mpo.gc.ca/fm-gp/fraser/index-eng.html>

**Recreational Chinook Management Actions:**

**Marine Waters:** Management measures are in place in Juan de Fuca ([FN0545](#)), the Strait of Georgia ([FN0544](#)) and the Fraser River mouth ([FN1390](#), 2016). Please reference the linked fishery notices for details.

**Fraser River:** Currently closed to salmon fishing.

**Commercial Management Actions:**

There are currently no open commercial salmon fisheries in the Fraser River.

## FRASER SOCKEYE

In-season information may also contain some marine information.

Pre-season Fraser River Panel Adopted Values and Expected Harvest:

Management Group	Forecast p50 (p10-p90)	Timing A20 50%date	Proportional Mngt. Adjust. <sup>a</sup>	Available Harvest <sup>b</sup>	Allowable Harvest <sup>c</sup>
Early Stuart	99,000 (42k-253k)	Jul 1	N/A	0	9,900
Early Summer	343,000 (95k-1,971k)	Jul 20	.39	152,300	N/A
Summer	3,407,000 (1065k-12,560k)	Aug 6	.06	1,949,400	N/A
Late	583,000 (113k-2,849k)	Aug 14	.92	0	116,600
Fraser Pink	8,693,000 (4,447k-16,682k)	Aug 28	N/A	2,693,000	N/A

<sup>a</sup> Proportional Management Adjustment is multiplied by the escapement target to calculate the numerical management adjustment.

<sup>b</sup> Available harvest after deductions. Harvest includes catch in Canadian, United States and test fisheries.

<sup>c</sup> Allowable harvest in an LAER scenario. Harvest may include test fishery catch and fishery induced mortalities.

**Early Stuart Window Closure areas and dates.**

**Note:** One additional week has been added to the closure to provide additional protection to Bowron and Taseko sockeye which are components of the Early Summer run.

Area	Start Date and Time	End Date and Time
Below Port Mann	June 26 / noon	July 27 / noon
Port Mann to Mission	June 26 / noon	July 27 / noon
Mission to Sawmill	June 27 / 6:00 am	July 29 / 6:00 am
Sawmill to Thompson Confluence	July 3 / 6:00 pm	July 31 / 6:00 pm
Thompson to Deadman Confluence (includes tribs)	July 3 / 6:00 pm	July 31 / 6:00 pm
Deadman to Naver (includes tribs):	July 6 / 6:00 pm	August 3 / 6:00 pm
Upstream of Naver Confluence (includes tribs)	July 10 / 6:00 pm	August 7 / 6:00 pm
Thompson and tribs	Does not apply	Does not apply

**Fraser sockeye test fisheries anticipated start dates:**

Whonnock	June 28
Qualark Gill Net	July 1
Area 20 Gill Net	July 7
Qualark Hydroacoustics	July 1
Mission Hydroacoustics	July 7
Area 12 Round Island Gill Net	July 11
Cottonwood Gillnet	July 12
Area 12 Purse Seine	July 22
Area 20 Purse Seine	July 23
Area 13 Purse Seine	July 28

**Environmental Updates from [Fraser River Environmental Watch](#)**

Please phone the Observe Record Report line at **1-800-465-4336** if you encounter any non-authorized fishing activity taking place

On July 10<sup>th</sup>, the **discharge** of the Fraser River at Hope was 4,976 cms, which is approximately 13% below average for this date. The **temperature** of the Fraser River at Qualark Creek on July 10 was 17.3°C, which is 1.5°C higher than average for this date. Fraser River discharge levels and water temperatures will be monitored closely to determine if specific management actions are required during the in-river migratory period to help achieve sockeye escapement goals.

**Critical Levels for Fish Passage through Fraser Canyon:**

- 7000 cms - Early signs of physiological stress evident
- 8000 cms - Difficulty in migration delaying migration time.
- 9000 cms - Barrier to migration through Hell's Gate.

**Critical Temperature Levels**

- 18°C - Decreased swimming performance
- 19°C - Early signs of physiological stress and slow migration
- 20°C - Associated with high pre-spawn mortality and disease
- 21°C - Chronic exposure can lead to severe stress and early mortality.

**Diversion Forecast:** The July 2017 forecast of Fraser sockeye diversion rate is 51% and the 50% prediction limits are 38% and 63%. The 1990-2016 median diversion rate is 62%.

The first Fraser Panel meeting occurred on July 11, 2017. The earliest any run size updates would be available would be Friday, July 15.

In-season Updates will occur weekly from mid-July until mid-September.

[Fishery Notices](#) provide in-season information with regards to commercial and recreational openings.