

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 27 September 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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Canada

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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type
29 Aug 2022	Midweek
30 Aug 2022	Midweek
31 Aug 2022	Midweek
01 Sep 2022	Midweek
02 Sep 2022	Midweek
03 Sep 2022	Weekend
04 Sep 2022	Weekend
05 Sep 2022	Weekend
06 Sep 2022	Midweek
07 Sep 2022	Midweek
08 Sep 2022	Midweek
09 Sep 2022	Midweek
10 Sep 2022	Weekend
11 Sep 2022	Weekend
12 Sep 2022	Midweek
13 Sep 2022	Midweek
14 Sep 2022	Midweek
15 Sep 2022	Midweek
16 Sep 2022	Midweek
17 Sep 2022	Weekend
18 Sep 2022	Weekend
19 Sep 2022	Midweek
20 Sep 2022	Midweek
21 Sep 2022	Midweek
22 Sep 2022	Midweek
23 Sep 2022	Midweek
24 Sep 2022	Weekend
25 Sep 2022	Weekend
26 Sep 2022	Midweek
27 Sep 2022	Midweek
28 Sep 2022	Midweek
29 Sep 2022	Midweek
30 Sep 2022	Midweek
01 Oct 2022	Weekend
02 Oct 2022	Weekend
03 Oct 2022	Midweek

Table 2: Daily tally of interviews, catch and effort.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-Aug-2022	Monday		1	1	1					
30-Aug-2022	Tuesday		0							
31-Aug-2022	Wednesday		4	1	2		3			
01-Sep-2022	Thursday		5	1	2					
02-Sep-2022	Friday		3		9		7			
03-Sep-2022	Saturday		3	4	2					
04-Sep-2022	Sunday		2	1	3					
05-Sep-2022	Monday (Labour Day)		2	1	1		1			
06-Sep-2022	Tuesday		0							
07-Sep-2022	Wednesday		2		3		8			
08-Sep-2022	Thursday		1		1					
09-Sep-2022	Friday		4	4			4			
10-Sep-2022	Saturday		1	1	5					
11-Sep-2022	Sunday		0							
12-Sep-2022	Monday		0							
13-Sep-2022	Tuesday		0							
14-Sep-2022	Wednesday		0							
15-Sep-2022	Thursday		5		4		4			
16-Sep-2022	Friday		4		5		4			
17-Sep-2022	Saturday		0							
18-Sep-2022	Sunday		2	1	3					
19-Sep-2022	Monday		3		2		3			
20-Sep-2022	Tuesday		0							
21-Sep-2022	Wednesday		0							
22-Sep-2022	Thursday		0							
23-Sep-2022	Friday		0							
24-Sep-2022	Saturday		0							
25-Sep-2022	Sunday		0							
26-Sep-2022	Monday		0							
27-Sep-2022	Tuesday		0							
28-Sep-2022	Wednesday		0							
29-Sep-2022	Thursday		0							
30-Sep-2022	Friday		0							
01-Oct-2022	Saturday		0							
02-Oct-2022	Sunday		0							
03-Oct-2022	Monday		0							
	Totals		27	5	26		30	*		*
	Totals		10	8	14		1	*		*

* Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

Day Type	Average Expanded Boats	Number of Days	Total Estimated Effort	CPUE				Retained			
				Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
Weekend		9		0.8	1.4		0.1				
Midweek		21		0.185	0.963		1.111				

Table 4: Recent years estimates of retained catch and effort.

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	September	300	508	648		
2018	September	689	334	694		259
2019	September	431	106	348		
2020	September	958	53	244		152
2021	September	576	334	305		125
5-Yr Avg	September	591	267	448		179

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Chinook		%		64	49%	5%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1302	10%

Figure 1: Proportion of each day's fishing by hour.



Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Table 8: Daily Fishing Conditions.

Date	Day Type
29 Aug 2022	Midweek
30 Aug 2022	Midweek
31 Aug 2022	Midweek
01 Sep 2022	Midweek
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07 Sep 2022	Midweek
08 Sep 2022	Midweek
09 Sep 2022	Midweek
10 Sep 2022	Weekend
11 Sep 2022	Weekend
12 Sep 2022	Midweek
13 Sep 2022	Midweek
14 Sep 2022	Midweek
15 Sep 2022	Midweek
16 Sep 2022	Midweek
17 Sep 2022	Weekend
18 Sep 2022	Weekend
19 Sep 2022	Midweek
20 Sep 2022	Midweek
21 Sep 2022	Midweek
22 Sep 2022	Midweek
23 Sep 2022	Midweek
24 Sep 2022	Weekend
25 Sep 2022	Weekend
26 Sep 2022	Midweek
27 Sep 2022	Midweek
28 Sep 2022	Midweek
29 Sep 2022	Midweek
30 Sep 2022	Midweek
01 Oct 2022	Weekend
02 Oct 2022	Weekend
03 Oct 2022	Midweek