FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

CREEL SURVEY DATA REVIEW PACKAGE

Area 27 May 2022



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans Canada Pêches et Océans Canada



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

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

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
28-Apr-2022	Thursday		0							
29-Apr-2022	Friday		0							
30-Apr-2022	Saturday		0							
01-May-2022	Sunday		0							
02-May-2022	Monday		2	1						
03-May-2022	Tuesday		0							
04-May-2022	Wednesday		0							
05-May-2022	Thursday		0							
06-May-2022	Friday		0							
07-May-2022	Saturday		0					0	0927	
08-May-2022	Sunday		0							
09-May-2022	Monday		0							
10-May-2022	Tuesday		0							
11-May-2022	Wednesday		0							
12-May-2022	Thursday		0							
13-May-2022	Friday		0							
14-May-2022	Saturday		0					0	0942	
15-May-2022	Sunday		0							
16-May-2022	Monday		0							
17-May-2022	Tuesday		0					0	0950	
18-May-2022	Wednesday		0							
19-May-2022	Thursday		1				2			
20-May-2022	Friday		0							
21-May-2022	Saturday		2				4			
22-May-2022	Sunday		3	1						
23-May-2022	Monday		0							
	(Victoria Day)									
24-May-2022	Tuesday		0							
25-May-2022	Wednesday		0							
26-May-2022	Thursday		0							
27-May-2022	Friday		2	3						
28-May-2022	Saturday		2				5			
29-May-2022	Sunday		0					0	0922	
30-May-2022	Monday		0							
31-May-2022	Tuesday		3	1			8			
01-Jun-2022	Wednesday		2	3	2					
02-Jun-2022	Thursday		2	1	1		6			
03-Jun-2022	Friday		3	3			7			
	Totals		8	5			10	0^*		*
	Totals		7	1			9	0^*		*

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

* Average number of boats Observed and Expanded

					C	PUE			Ret	ained	
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Weekend		10		0.143			1.286				
Midweek		21		0.625			1.25				

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

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	144	50	24		40
2018	May	137	43			88
2019	May	148	42			32
2020	May	217	24			31
2021	May	137	54			57
5-Yr Avg	May	157	43	24		50

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Mark	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Chinook		%		78	27%	5%	4

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	721	20%

05:00 AM	0	10	20	30	40	50	60	70	80	90	00	00
06:00 AM												
07:00 AM												
08:00 AM												
00:00 AM												
10:00 AM												
11:00 AM												
12:00 PM												
01:00 PM												
02:00 PM												
03:00 PM												
04:00 PM												
05:00 PM									 			
06:00 PM												
07:00 PM												
08:00 PM												
M4 00:60												
10:00 PM												

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

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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										

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13 May 2022	Midweek
14 May 2022	Weekend
15 May 2022	Weekend
16 May 2022	Midweek
17 May 2022	Midweek
18 May 2022	Midweek
19 May 2022	Midweek
20 May 2022	Midweek
21 May 2022	Weekend
22 May 2022	Weekend
23 May 2022	Weekend
24 May 2022	Midweek
25 May 2022	Midweek
26 May 2022	Midweek
27 May 2022	Midweek
28 May 2022	Weekend
29 May 2022	Weekend
30 May 2022	Midweek
31 May 2022	Midweek
01 Jun 2022	Midweek
02 Jun 2022	Midweek
03 Jun 2022	Midweek

Table 8: Daily Fishing Conditions.