

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 10 July 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	Quarterdeck Marina		Winter Harbour Ramp AM
		AM	PM	AM
28 Jun 2022	Midweek	1		
29 Jun 2022	Midweek			
30 Jun 2022	Midweek			
01 Jul 2022	Weekend			
02 Jul 2022	Weekend			
03 Jul 2022	Weekend			
04 Jul 2022	Midweek			
05 Jul 2022	Midweek			
06 Jul 2022	Midweek		2	
07 Jul 2022	Midweek			
08 Jul 2022	Midweek			
09 Jul 2022	Weekend			1
10 Jul 2022	Weekend			
11 Jul 2022	Midweek			
12 Jul 2022	Midweek			
13 Jul 2022	Midweek			
14 Jul 2022	Midweek			
15 Jul 2022	Midweek			
16 Jul 2022	Weekend			
17 Jul 2022	Weekend			
18 Jul 2022	Midweek			
19 Jul 2022	Midweek			
20 Jul 2022	Midweek			
21 Jul 2022	Midweek			
22 Jul 2022	Midweek			
23 Jul 2022	Weekend			
24 Jul 2022	Weekend			
25 Jul 2022	Midweek			
26 Jul 2022	Midweek			
27 Jul 2022	Midweek			
28 Jul 2022	Midweek			
29 Jul 2022	Midweek			
30 Jul 2022	Weekend			
31 Jul 2022	Weekend			
01 Aug 2022	Weekend			
02 Aug 2022	Midweek			
03 Aug 2022	Midweek	1		

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					
28-Jun-2022	Tuesday	choppy	1	12			2								
29-Jun-2022	Wednesday		3												
30-Jun-2022	Thursday		3				6								
01-Jul-2022	Friday (Canada Day)		0												
02-Jul-2022	Saturday		2								2				
03-Jul-2022	Sunday		2		2						2				
04-Jul-2022	Monday	calm/rippled	0				5								
05-Jul-2022	Tuesday		3												
06-Jul-2022	Wednesday		2								4	4			
07-Jul-2022	Thursday		0												
08-Jul-2022	Friday	choppy	0												
09-Jul-2022	Saturday		1												
10-Jul-2022	Sunday		0												
11-Jul-2022	Monday		0				2								
12-Jul-2022	Tuesday		1												
13-Jul-2022	Wednesday		0												
14-Jul-2022	Thursday		0												
15-Jul-2022	Friday		0												
16-Jul-2022	Saturday		0												
17-Jul-2022	Sunday		0												
18-Jul-2022	Monday		0	1			1								
19-Jul-2022	Tuesday		2												
20-Jul-2022	Wednesday		1												
21-Jul-2022	Thursday		0												
22-Jul-2022	Friday		0												
23-Jul-2022	Saturday		1												
24-Jul-2022	Sunday	0													
25-Jul-2022	Monday		0												
26-Jul-2022	Tuesday		2												
27-Jul-2022	Wednesday		1												
28-Jul-2022	Thursday		1								1				
29-Jul-2022	Friday		1								1				
30-Jul-2022	Saturday		0												
31-Jul-2022	Sunday		0												
01-Aug-2022	Monday (B.C. Day)	choppy	2	1	3										
02-Aug-2022	Tuesday		3	1	10										
03-Aug-2022	Wednesday		1	2											
	Totals	calm/rippled	14	5	2		14	*		*					
	Totals	choppy	6	4				*		*					

* 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		11		0.667	0.333						
Midweek		20		0.357			1				

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	150	32%

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	Quarterdeck Marina	Winter Harbour Ramp
28 Jun 2022	Midweek	choppy	
29 Jun 2022	Midweek		
30 Jun 2022	Midweek		
01 Jul 2022	Weekend		
02 Jul 2022	Weekend		
03 Jul 2022	Weekend		
04 Jul 2022	Midweek		
05 Jul 2022	Midweek		
06 Jul 2022	Midweek		
07 Jul 2022	Midweek	calm/rippled	
08 Jul 2022	Midweek		
09 Jul 2022	Weekend		
10 Jul 2022	Weekend		choppy
11 Jul 2022	Midweek		
12 Jul 2022	Midweek		
13 Jul 2022	Midweek		
14 Jul 2022	Midweek		
15 Jul 2022	Midweek		
16 Jul 2022	Weekend		
17 Jul 2022	Weekend		
18 Jul 2022	Midweek		
19 Jul 2022	Midweek		
20 Jul 2022	Midweek		
21 Jul 2022	Midweek		
22 Jul 2022	Midweek		
23 Jul 2022	Weekend		
24 Jul 2022	Weekend		
25 Jul 2022	Midweek		
26 Jul 2022	Midweek		
27 Jul 2022	Midweek		
28 Jul 2022	Midweek		
29 Jul 2022	Midweek		
30 Jul 2022	Weekend		
31 Jul 2022	Weekend		
01 Aug 2022	Weekend		
02 Aug 2022	Midweek		
03 Aug 2022	Midweek	choppy	