

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 10 July 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 21st August, 2021



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'your catch counts' features the text 'your catch counts' in a bold, blue, sans-serif font. To the right of the word 'catch' is a stylized blue silhouette of a fisherman holding a fishing rod, with a fish on the line.

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

Date	Day Type	Bear Cove	Quarterdeck Marina	
		PM	AM	PM
28 Jun 2021	Midweek			
29 Jun 2021	Midweek			
30 Jun 2021	Midweek			
01 Jul 2021	Weekend			
02 Jul 2021	Midweek			
03 Jul 2021	Weekend			
04 Jul 2021	Weekend			
05 Jul 2021	Midweek			
06 Jul 2021	Midweek			
07 Jul 2021	Midweek			
08 Jul 2021	Midweek			
09 Jul 2021	Midweek			
10 Jul 2021	Weekend			
11 Jul 2021	Weekend			
12 Jul 2021	Midweek			
13 Jul 2021	Midweek			
14 Jul 2021	Midweek			1
15 Jul 2021	Midweek			
16 Jul 2021	Midweek			
17 Jul 2021	Weekend			
18 Jul 2021	Weekend			
19 Jul 2021	Midweek			
20 Jul 2021	Midweek			
21 Jul 2021	Midweek			2
22 Jul 2021	Midweek			
23 Jul 2021	Midweek			
24 Jul 2021	Weekend			
25 Jul 2021	Weekend			
26 Jul 2021	Midweek			
27 Jul 2021	Midweek			
28 Jul 2021	Midweek	1		
29 Jul 2021	Midweek			
30 Jul 2021	Midweek			
31 Jul 2021	Weekend		1	
01 Aug 2021	Weekend			
02 Aug 2021	Weekend			1
03 Aug 2021	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-2021	Monday		0							
29-Jun-2021	Tuesday		0							
30-Jun-2021	Wednesday		0							
01-Jul-2021	Thursday (Canada Day)		0							
02-Jul-2021	Friday		0							
03-Jul-2021	Saturday		0							
04-Jul-2021	Sunday		0							
05-Jul-2021	Monday		0							
06-Jul-2021	Tuesday		0							
07-Jul-2021	Wednesday		0							
08-Jul-2021	Thursday		0							
09-Jul-2021	Friday		0							
10-Jul-2021	Saturday		0							
11-Jul-2021	Sunday		0							
12-Jul-2021	Monday		1				1			
13-Jul-2021	Tuesday		0							
14-Jul-2021	Wednesday	choppy	2		2		3			
15-Jul-2021	Thursday		0							
16-Jul-2021	Friday		2				2			
17-Jul-2021	Saturday		0							
18-Jul-2021	Sunday		0							
19-Jul-2021	Monday		0							
20-Jul-2021	Tuesday		0							
21-Jul-2021	Wednesday	calm/rippled	3				5			
22-Jul-2021	Thursday		2				6			
23-Jul-2021	Friday		0							
24-Jul-2021	Saturday		0							
25-Jul-2021	Sunday		0							
26-Jul-2021	Monday		0							
27-Jul-2021	Tuesday		0							
28-Jul-2021	Wednesday	calm/rippled	1							
29-Jul-2021	Thursday		0							
30-Jul-2021	Friday		0							
31-Jul-2021	Saturday	calm/rippled	1							
01-Aug-2021	Sunday		0							
02-Aug-2021	Monday (B.C. Day)	choppy	1							
03-Aug-2021	Tuesday	calm/rippled	1							
	Totals	calm/rippled	11		2		17	*		*
	Totals	calm/rippled	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
Midweek		21			0.182		1.545				
Weekend		10									

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

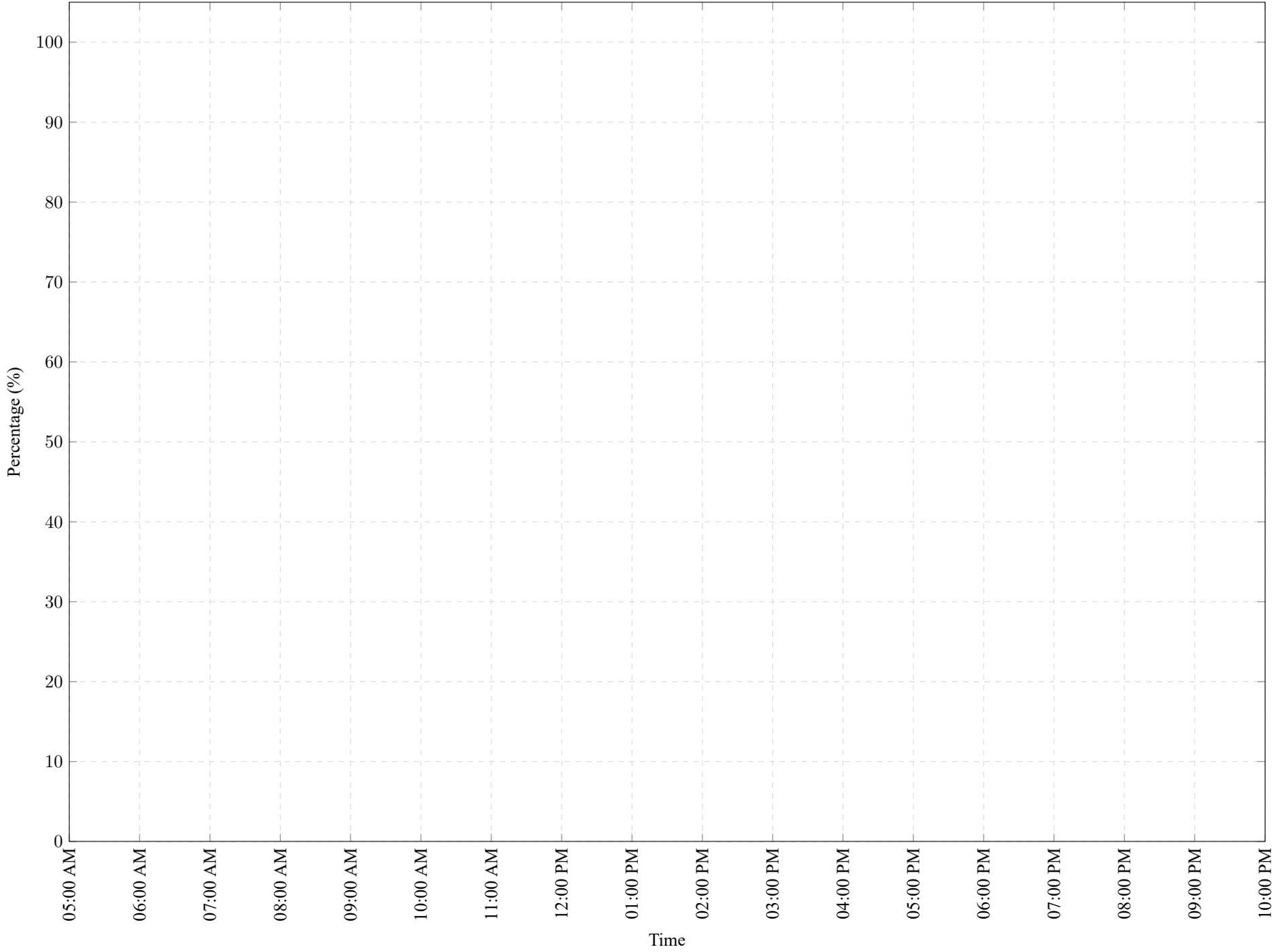


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 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	09:00 PM	10:00 PM
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Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
28 Jun 2021	Midweek		
29 Jun 2021	Midweek		
30 Jun 2021	Midweek		
01 Jul 2021	Weekend		
02 Jul 2021	Midweek		
03 Jul 2021	Weekend		
04 Jul 2021	Weekend		
05 Jul 2021	Midweek		
06 Jul 2021	Midweek		
07 Jul 2021	Midweek		
08 Jul 2021	Midweek		
09 Jul 2021	Midweek		
10 Jul 2021	Weekend		
11 Jul 2021	Weekend		
12 Jul 2021	Midweek		
13 Jul 2021	Midweek		
14 Jul 2021	Midweek		choppy
15 Jul 2021	Midweek		
16 Jul 2021	Midweek		
17 Jul 2021	Weekend		
18 Jul 2021	Weekend		
19 Jul 2021	Midweek		
20 Jul 2021	Midweek		
21 Jul 2021	Midweek		calm/rippled
22 Jul 2021	Midweek		
23 Jul 2021	Midweek		
24 Jul 2021	Weekend		
25 Jul 2021	Weekend		
26 Jul 2021	Midweek		
27 Jul 2021	Midweek		
28 Jul 2021	Midweek	calm/rippled	
29 Jul 2021	Midweek		
30 Jul 2021	Midweek		
31 Jul 2021	Weekend		calm/rippled
01 Aug 2021	Weekend		
02 Aug 2021	Weekend		choppy
03 Aug 2021	Midweek		calm/rippled