

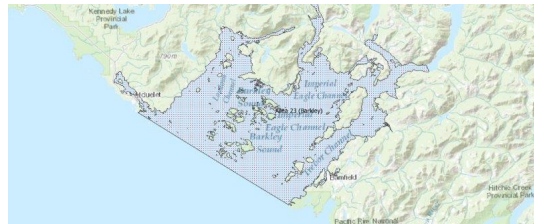
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

---

## Area 23 (Barkley) May 2021



---

*Prepared By:*  
South Coast Salmon Stock Assessment Section

Saturday 19<sup>th</sup> June, 2021



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	Clutesi	Ucluelet Gov	
		Ramp MD	Dock MD	PM
28 Apr 2021	Midweek			
29 Apr 2021	Midweek			
30 Apr 2021	Midweek			
01 May 2021	Weekend			
02 May 2021	Weekend			
03 May 2021	Midweek			
04 May 2021	Midweek			
05 May 2021	Midweek			
06 May 2021	Midweek			
07 May 2021	Midweek			
08 May 2021	Weekend			
09 May 2021	Weekend			
10 May 2021	Midweek			
11 May 2021	Midweek			
12 May 2021	Midweek			
13 May 2021	Midweek			
14 May 2021	Midweek			
15 May 2021	Weekend			
16 May 2021	Weekend			
17 May 2021	Midweek			
18 May 2021	Midweek			
19 May 2021	Midweek			
20 May 2021	Midweek			
21 May 2021	Midweek			
22 May 2021	Weekend			
23 May 2021	Weekend			
24 May 2021	Weekend			
25 May 2021	Midweek			
26 May 2021	Midweek			
27 May 2021	Midweek			
28 May 2021	Midweek			
29 May 2021	Weekend			
30 May 2021	Weekend			
31 May 2021	Midweek			
01 Jun 2021	Midweek	3	3	
02 Jun 2021	Midweek			2
03 Jun 2021	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
28-Apr-2021	Wednesday		0							
29-Apr-2021	Thursday		0							
30-Apr-2021	Friday		0							
01-May-2021	Saturday		0							
02-May-2021	Sunday		0							
03-May-2021	Monday		0							
04-May-2021	Tuesday		0							
05-May-2021	Wednesday		0							
06-May-2021	Thursday		0							
07-May-2021	Friday		0							
08-May-2021	Saturday		0							
09-May-2021	Sunday		0							
10-May-2021	Monday		0							
11-May-2021	Tuesday		0							
12-May-2021	Wednesday		0							
13-May-2021	Thursday		0							
14-May-2021	Friday		0							
15-May-2021	Saturday		0							
16-May-2021	Sunday		0							
17-May-2021	Monday		0							
18-May-2021	Tuesday		0							
19-May-2021	Wednesday		0							
20-May-2021	Thursday		0					9	1207	
21-May-2021	Friday		0							
22-May-2021	Saturday		0							
23-May-2021	Sunday		0							
24-May-2021	Monday (Victoria Day)		0							
25-May-2021	Tuesday		0							
26-May-2021	Wednesday		0							
27-May-2021	Thursday		0							
28-May-2021	Friday		0							
29-May-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday	choppy	6	10						
02-Jun-2021	Wednesday	choppy	2	4						
03-Jun-2021	Thursday		0							
	Totals							9*		*
	Totals							*		*

\* 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									
Midweek		20									

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	May	418	26			61
2017	May	576	545			14
2018	May	786	720			72
2019	May	360	172			
2020	May	454	264			19
5-Yr Avg	May	519	345			42

**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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
-------------	--------------------------	-------------------

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

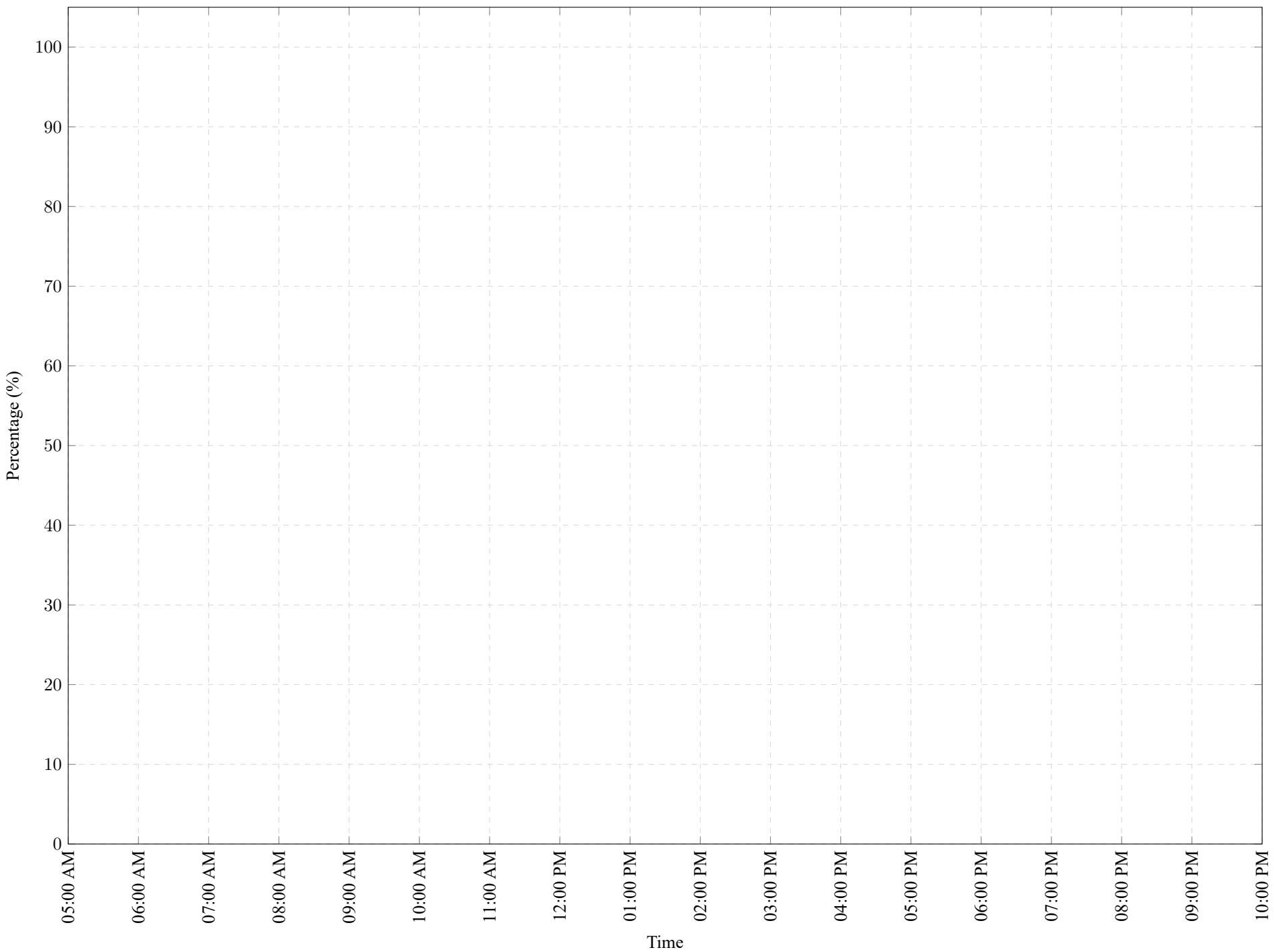


Table 7: Proportion of each day's fishing by hour.

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	Clutesi Ramp	Ucluelet Gov Dock
28 Apr 2021	Midweek		
29 Apr 2021	Midweek		
30 Apr 2021	Midweek		
01 May 2021	Weekend		
02 May 2021	Weekend		
03 May 2021	Midweek		
04 May 2021	Midweek		
05 May 2021	Midweek		
06 May 2021	Midweek		
07 May 2021	Midweek		
08 May 2021	Weekend		
09 May 2021	Weekend		
10 May 2021	Midweek		
11 May 2021	Midweek		
12 May 2021	Midweek		
13 May 2021	Midweek		
14 May 2021	Midweek		
15 May 2021	Weekend		
16 May 2021	Weekend		
17 May 2021	Midweek		
18 May 2021	Midweek		
19 May 2021	Midweek		
20 May 2021	Midweek		
21 May 2021	Midweek		
22 May 2021	Weekend		
23 May 2021	Weekend		
24 May 2021	Weekend		
25 May 2021	Midweek		
26 May 2021	Midweek		
27 May 2021	Midweek		
28 May 2021	Midweek		
29 May 2021	Weekend		
30 May 2021	Weekend		
31 May 2021	Midweek		
01 Jun 2021	Midweek	choppy	choppy
02 Jun 2021	Midweek		choppy
03 Jun 2021	Midweek		