

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (West) May 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 11th October, 2023



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', there is a stylized blue icon of a person 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	Pacific Gateway Marina MD
28 Apr 2023	Midweek	
29 Apr 2023	Weekend	
30 Apr 2023	Weekend	
01 May 2023	Midweek	
02 May 2023	Midweek	
03 May 2023	Midweek	
04 May 2023	Midweek	
05 May 2023	Midweek	
06 May 2023	Weekend	
07 May 2023	Weekend	
08 May 2023	Midweek	
09 May 2023	Midweek	
10 May 2023	Midweek	
11 May 2023	Midweek	
12 May 2023	Midweek	
13 May 2023	Weekend	
14 May 2023	Weekend	
15 May 2023	Midweek	
16 May 2023	Midweek	
17 May 2023	Midweek	
18 May 2023	Midweek	
19 May 2023	Midweek	
20 May 2023	Weekend	
21 May 2023	Weekend	
22 May 2023	Weekend	
23 May 2023	Midweek	
24 May 2023	Midweek	
25 May 2023	Midweek	
26 May 2023	Midweek	
27 May 2023	Weekend	
28 May 2023	Weekend	
29 May 2023	Midweek	
30 May 2023	Midweek	
31 May 2023	Midweek	
01 Jun 2023	Midweek	
02 Jun 2023	Midweek	6
03 Jun 2023	Weekend	5

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-2023	Friday		0							
29-Apr-2023	Saturday		0					3	0955	
30-Apr-2023	Sunday		0							
01-May-2023	Monday		0							
02-May-2023	Tuesday		0							
03-May-2023	Wednesday		0							
04-May-2023	Thursday		0							
05-May-2023	Friday		0					1	1006	
06-May-2023	Saturday		0					4	1013	
07-May-2023	Sunday		0							
08-May-2023	Monday		0							
09-May-2023	Tuesday		0							
10-May-2023	Wednesday		0							
11-May-2023	Thursday		0							
12-May-2023	Friday		0							
13-May-2023	Saturday		0					6	1013	
14-May-2023	Sunday		1				1			
15-May-2023	Monday		0							
16-May-2023	Tuesday		0							
17-May-2023	Wednesday		0							
18-May-2023	Thursday		0							
19-May-2023	Friday		0							
20-May-2023	Saturday		0					1	1001	
21-May-2023	Sunday		0							
22-May-2023	Monday (Victoria Day)		0							
23-May-2023	Tuesday		0					4	1003	
24-May-2023	Wednesday		0							
25-May-2023	Thursday		0							
26-May-2023	Friday		0							
27-May-2023	Saturday		0							
28-May-2023	Sunday		0							
29-May-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0					4	0850	
02-Jun-2023	Friday	calm/rippled	6					24	0923	
03-Jun-2023	Saturday	calm/rippled	5					3*		*
	Totals							4*		*
	Totals		1				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		22										
Weekend		9					1					

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2020	May	62				22
2021	May	164	7			60
5-Yr Avg	May	113	7			41

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	25	100%	176%	58	84%	76%	44

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	68	9%
iRec Anglers	411	34%
iRec Anglers	1002	17%

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

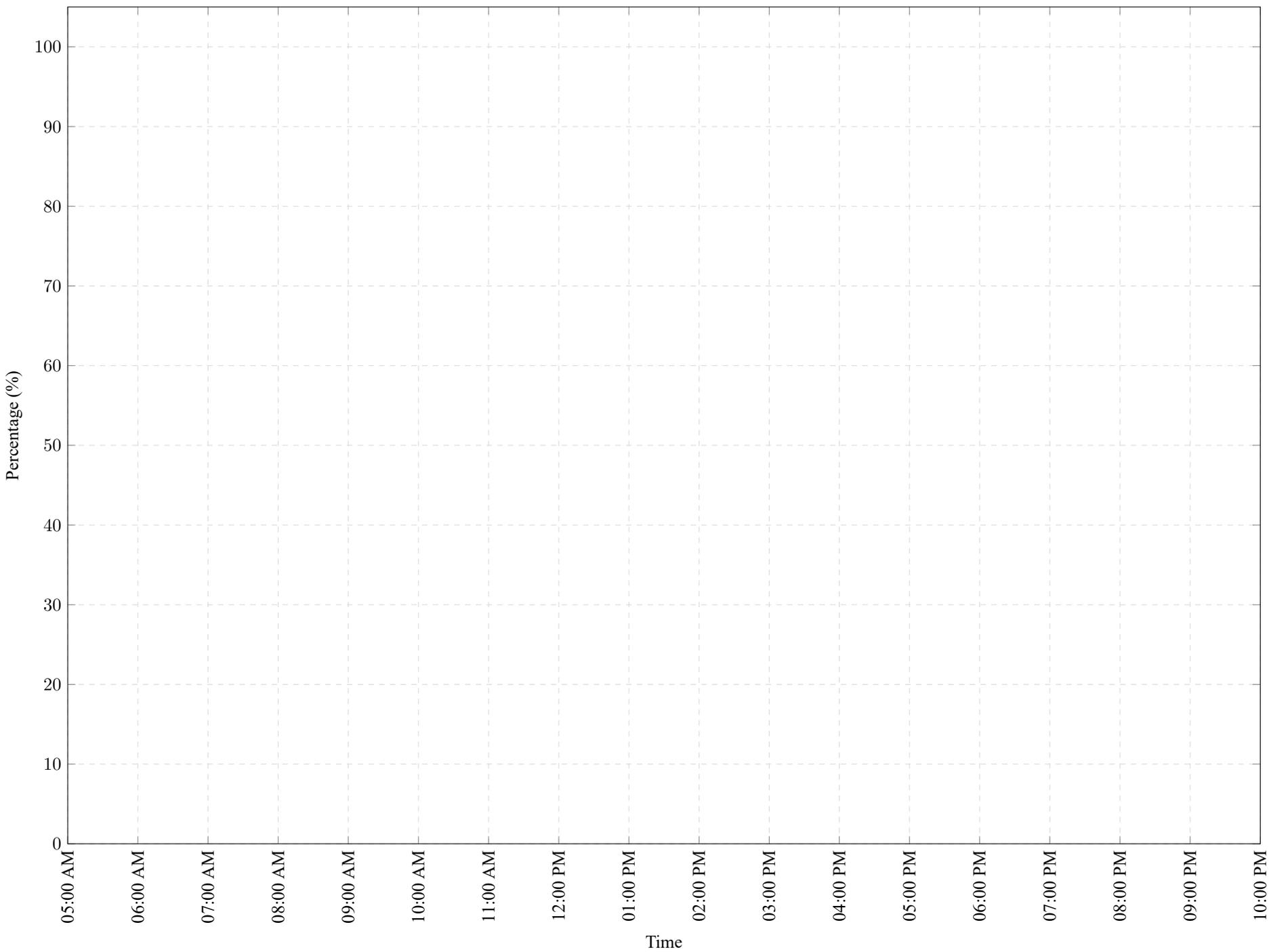


Table 7: Proportion of each day's fishing by hour.

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	Pacific Gateway Marina
28 Apr 2023	Midweek	
29 Apr 2023	Weekend	
30 Apr 2023	Weekend	
01 May 2023	Midweek	
02 May 2023	Midweek	
03 May 2023	Midweek	
04 May 2023	Midweek	
05 May 2023	Midweek	
06 May 2023	Weekend	
07 May 2023	Weekend	
08 May 2023	Midweek	
09 May 2023	Midweek	
10 May 2023	Midweek	
11 May 2023	Midweek	
12 May 2023	Midweek	
13 May 2023	Weekend	
14 May 2023	Weekend	
15 May 2023	Midweek	
16 May 2023	Midweek	
17 May 2023	Midweek	
18 May 2023	Midweek	
19 May 2023	Midweek	
20 May 2023	Weekend	
21 May 2023	Weekend	
22 May 2023	Weekend	
23 May 2023	Midweek	
24 May 2023	Midweek	
25 May 2023	Midweek	
26 May 2023	Midweek	
27 May 2023	Weekend	
28 May 2023	Weekend	
29 May 2023	Midweek	
30 May 2023	Midweek	
31 May 2023	Midweek	
01 Jun 2023	Midweek	
02 Jun 2023	Midweek	calm/rippled
03 Jun 2023	Weekend	calm/rippled