

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 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	Tofino Resort and Marina AM
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	4

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-2022	Thursday		0							
29-Apr-2022	Friday		0							
30-Apr-2022	Saturday		1							
01-May-2022	Sunday		0							
02-May-2022	Monday		3							
03-May-2022	Tuesday		1							
04-May-2022	Wednesday		0							
05-May-2022	Thursday		0							
06-May-2022	Friday		0							
07-May-2022	Saturday		0							
08-May-2022	Sunday		0							
09-May-2022	Monday		0							
10-May-2022	Tuesday		1							
11-May-2022	Wednesday		0							
12-May-2022	Thursday		0							
13-May-2022	Friday		1							
14-May-2022	Saturday		0							
15-May-2022	Sunday		0							
16-May-2022	Monday		0							
17-May-2022	Tuesday		1							
18-May-2022	Wednesday		0							
19-May-2022	Thursday		0							
20-May-2022	Friday		1							
21-May-2022	Saturday		0							
22-May-2022	Sunday		2							
23-May-2022	Monday (Victoria Day)		0							
24-May-2022	Tuesday		0							
25-May-2022	Wednesday		1							
26-May-2022	Thursday		0							
27-May-2022	Friday		0							
28-May-2022	Saturday		0							
29-May-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0					0	0951	
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday	frequent whitecaps	5	3						
	Totals		9					*		*
	Totals		2					*		*

* 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		10									
Midweek		21									

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	131	111	20		18
2018	May	279	29			48
2019	May	86	40			21
2020	May	54	41			13
2021	May	32	17			
5-Yr Avg	May	116	48	20		25

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	303	86%

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

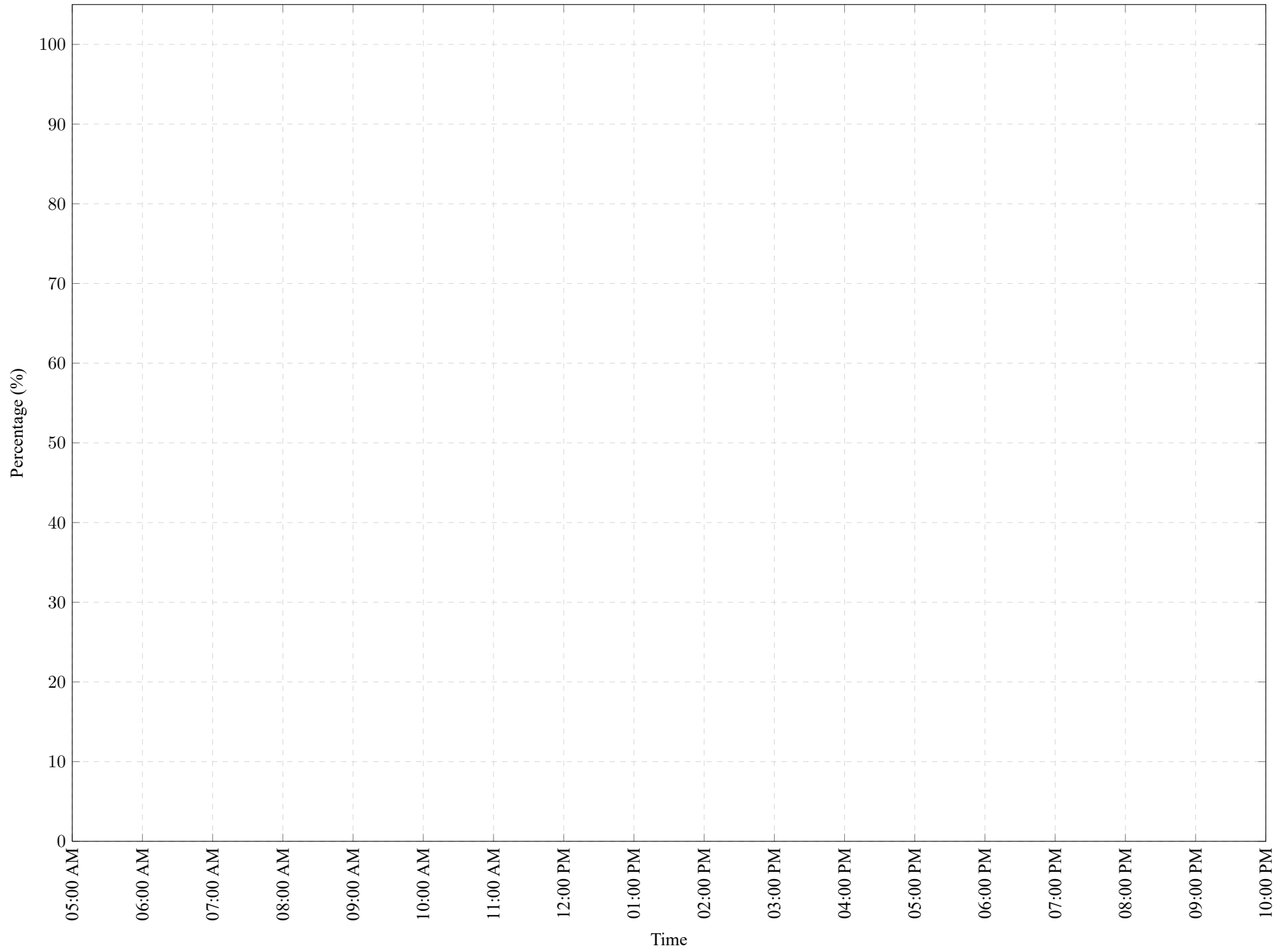


Table 7: Proportion of each day's fishing by hour.

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	Tofino Resort and Marina
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	frequent whitecaps