

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

---

## Area 124 May 2022



---

*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> 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	Ucluelet Gov Dock MD
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		1
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		1				2			
03-May-2022	Tuesday		2				2			
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		2				2			
13-May-2022	Friday		1							
14-May-2022	Saturday		0							
15-May-2022	Sunday		0							
16-May-2022	Monday		0							
17-May-2022	Tuesday		2							
18-May-2022	Wednesday		0							
19-May-2022	Thursday		0							
20-May-2022	Friday		2							
21-May-2022	Saturday		2							
22-May-2022	Sunday		1				5			
23-May-2022	Monday (Victoria Day)		2				1			
24-May-2022	Tuesday		0							
25-May-2022	Wednesday		2	3						
26-May-2022	Thursday		0							
27-May-2022	Friday		0							
28-May-2022	Saturday		0							
29-May-2022	Sunday		0							
30-May-2022	Monday		3	1			4			
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		3				4	16	0927	
02-Jun-2022	Thursday	calm/rippled	3				4			
03-Jun-2022	Friday	frequent whitecaps	5				1			
Totals			16	4			10	*		*
Totals			5				6	*		*

\* 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					1.2				
Midweek		21		0.25			0.625				

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	157	116			102
2018	May	132	29			78
2019	May	36				55
2020	May	2				
2021	May	32				37
5-Yr Avg	May	72	73			68

**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
iRec Anglers	225	84%

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	Ucluelet Gov Dock
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		calm/rippled
03 Jun 2022	Midweek	frequent whitecaps	