

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 September 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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Canada



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

Date	Day Type	Fourth Street Dock	Method Marine (Fuel Dock) PM	Tofino Resort and Marina		
		PM		AM	MD	PM
29 Aug 2022	Midweek					
30 Aug 2022	Midweek					
31 Aug 2022	Midweek				9	
01 Sep 2022	Midweek				2	
02 Sep 2022	Midweek	2				
03 Sep 2022	Weekend				8	
04 Sep 2022	Weekend					11
05 Sep 2022	Weekend			2		
06 Sep 2022	Midweek					
07 Sep 2022	Midweek					
08 Sep 2022	Midweek					
09 Sep 2022	Midweek					
10 Sep 2022	Weekend					
11 Sep 2022	Weekend					
12 Sep 2022	Midweek					
13 Sep 2022	Midweek					
14 Sep 2022	Midweek					
15 Sep 2022	Midweek					
16 Sep 2022	Midweek		2			
17 Sep 2022	Weekend				3	
18 Sep 2022	Weekend					
19 Sep 2022	Midweek					
20 Sep 2022	Midweek					
21 Sep 2022	Midweek					
22 Sep 2022	Midweek					
23 Sep 2022	Midweek		2			
24 Sep 2022	Weekend				5	
25 Sep 2022	Weekend					
26 Sep 2022	Midweek					
27 Sep 2022	Midweek					
28 Sep 2022	Midweek					
29 Sep 2022	Midweek					
30 Sep 2022	Midweek					
01 Oct 2022	Weekend					
02 Oct 2022	Weekend					
03 Oct 2022	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
29-Aug-2022	Monday		0					5	1037	6
30-Aug-2022	Tuesday		0							
31-Aug-2022	Wednesday	choppy	9		20					
01-Sep-2022	Thursday	choppy	2		4					
02-Sep-2022	Friday	choppy	2		2					
03-Sep-2022	Saturday	frequent whitecaps	8		13					
04-Sep-2022	Sunday	choppy	11		24					
05-Sep-2022	Monday (Labour Day)	choppy	2		7			4	1227	8
06-Sep-2022	Tuesday		0					7	1048	9
07-Sep-2022	Wednesday		0							
08-Sep-2022	Thursday		0							
09-Sep-2022	Friday		0							
10-Sep-2022	Saturday		0					5	1042	7
11-Sep-2022	Sunday		0							
12-Sep-2022	Monday		0							
13-Sep-2022	Tuesday		0							
14-Sep-2022	Wednesday		0							
15-Sep-2022	Thursday		0					12	1100	15
16-Sep-2022	Friday	choppy	2	4						
17-Sep-2022	Saturday		0					8	1053	11
18-Sep-2022	Sunday	choppy	3	4	3					
19-Sep-2022	Monday		0							
20-Sep-2022	Tuesday		0					3	1058	4
21-Sep-2022	Wednesday		0							
22-Sep-2022	Thursday		0							
23-Sep-2022	Friday	choppy	2	2	3					
24-Sep-2022	Saturday	calm/rippled	5	1	11					
25-Sep-2022	Sunday		0					0	1046	0
26-Sep-2022	Monday		0							
27-Sep-2022	Tuesday		0							
28-Sep-2022	Wednesday		0							
29-Sep-2022	Thursday		0							
30-Sep-2022	Friday		0							
01-Oct-2022	Saturday		0							
02-Oct-2022	Sunday		0							
03-Oct-2022	Monday		0							
	Totals	choppy	8	6	9			7*		9*
	Totals	choppy	29	5	58			4*		7*

* 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	7	9	63	0.172	2			11	126		
Midweek	9	21	189	0.75	1.125			142	213		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	September	253	226	263		
2018	September	322	86	205		
2019	September	100	8	125		0
2020	September	45	0	23		3
2021	September	225	25	113		0
2022	September	242	165	293		0
5-Yr Avg	September	189	69	146		1

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
Creel Interivews	37	43%
iRec Anglers	686	43%

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

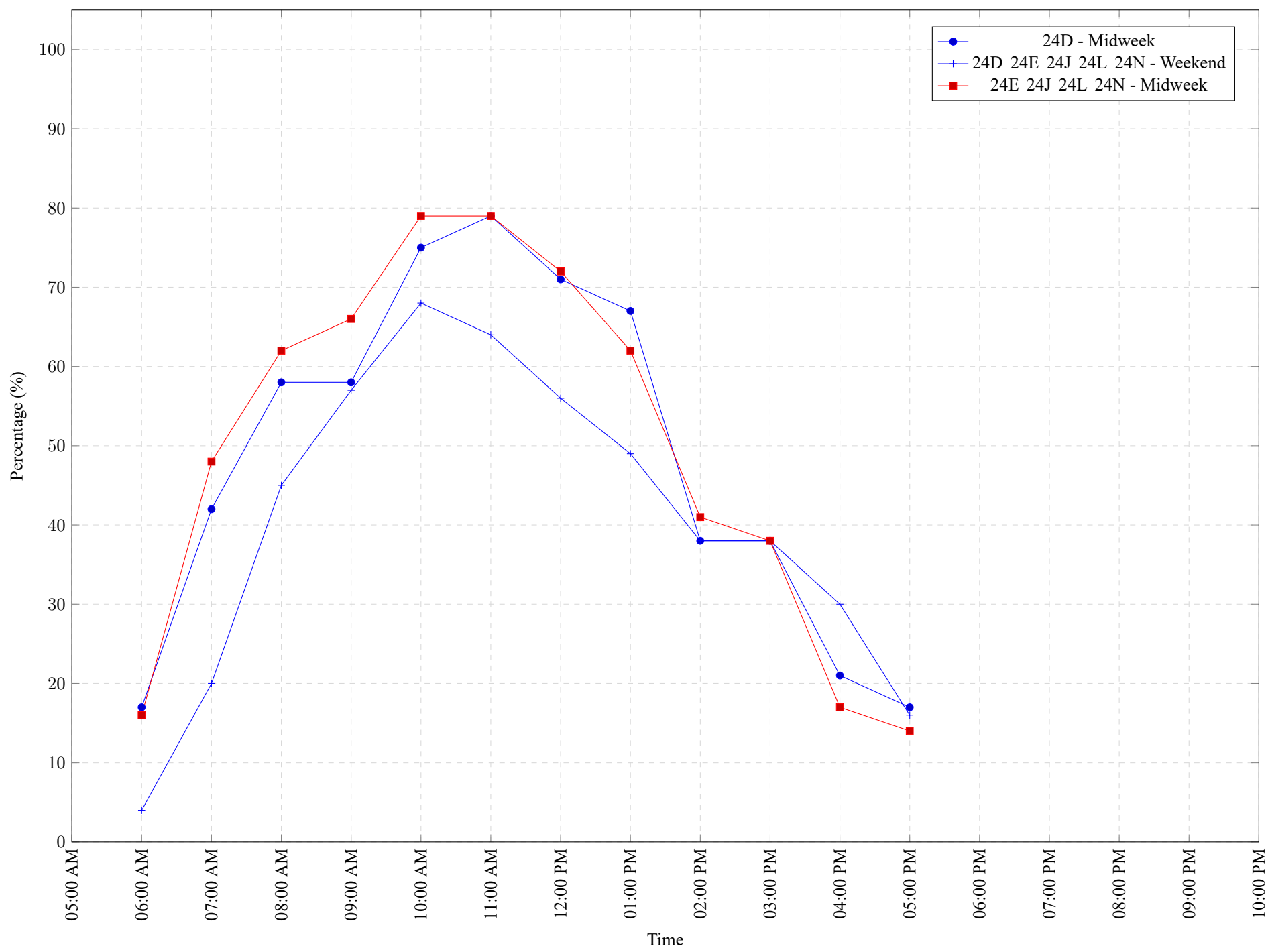


Table 7: Proportion of each day's fishing by hour.

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
24D					Midweek	17%	42%	58%	58%	75%	79%	71%	67%	38%	38%	21%	17%	0%	0%	0%	0%	0%
24D	24E	24J	24L	24N	Weekend	4%	20%	45%	57%	68%	64%	56%	49%	38%	38%	30%	16%	0%	0%	0%	0%	0%
24E 24J 24L 24N					Midweek	16%	48%	62%	66%	79%	79%	72%	62%	41%	38%	17%	14%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Fourth Street Dock	Method Marine (Fuel Dock)	Tofino Resort and Marina
29 Aug 2022	Midweek			
30 Aug 2022	Midweek			
31 Aug 2022	Midweek			choppy
01 Sep 2022	Midweek			choppy
02 Sep 2022	Midweek	choppy		
03 Sep 2022	Weekend			frequent whitecaps
04 Sep 2022	Weekend			choppy
05 Sep 2022	Weekend			choppy
06 Sep 2022	Midweek			
07 Sep 2022	Midweek			
08 Sep 2022	Midweek			
09 Sep 2022	Midweek			
10 Sep 2022	Weekend			
11 Sep 2022	Weekend			
12 Sep 2022	Midweek			
13 Sep 2022	Midweek			
14 Sep 2022	Midweek			
15 Sep 2022	Midweek			
16 Sep 2022	Midweek		choppy	
17 Sep 2022	Weekend			
18 Sep 2022	Weekend			choppy
19 Sep 2022	Midweek			
20 Sep 2022	Midweek			
21 Sep 2022	Midweek			
22 Sep 2022	Midweek			
23 Sep 2022	Midweek		choppy	
24 Sep 2022	Weekend			calm/rippled
25 Sep 2022	Weekend			
26 Sep 2022	Midweek			
27 Sep 2022	Midweek			
28 Sep 2022	Midweek			
29 Sep 2022	Midweek			
30 Sep 2022	Midweek			
01 Oct 2022	Weekend			
02 Oct 2022	Weekend			
03 Oct 2022	Midweek			