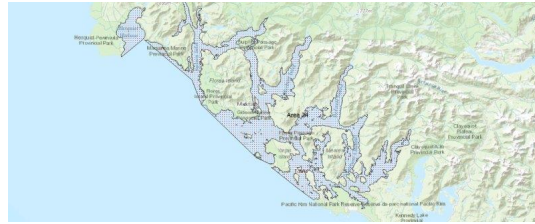


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 September 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 7th November, 2024



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	Fourth Street Dock	Method Marine (Fuel Dock) AM	Tofino Resort and Marina		
		PM		AM	MD	PM
29 Aug 2024	Midweek				6	
30 Aug 2024	Midweek					
31 Aug 2024	Weekend				3	
01 Sep 2024	Weekend			5		
02 Sep 2024	Weekend					6
03 Sep 2024	Midweek					
04 Sep 2024	Midweek			5		
05 Sep 2024	Midweek		1			
06 Sep 2024	Midweek	1				
07 Sep 2024	Weekend				8	
08 Sep 2024	Weekend					2
09 Sep 2024	Midweek					
10 Sep 2024	Midweek			3		
11 Sep 2024	Midweek					
12 Sep 2024	Midweek					6
13 Sep 2024	Midweek				7	
14 Sep 2024	Weekend					2
15 Sep 2024	Weekend					
16 Sep 2024	Midweek					
17 Sep 2024	Midweek				2	
18 Sep 2024	Midweek					
19 Sep 2024	Midweek					6
20 Sep 2024	Midweek					
21 Sep 2024	Weekend					
22 Sep 2024	Weekend				2	
23 Sep 2024	Midweek					
24 Sep 2024	Midweek					
25 Sep 2024	Midweek					2
26 Sep 2024	Midweek					
27 Sep 2024	Midweek					
28 Sep 2024	Weekend				1	
29 Sep 2024	Weekend					
30 Sep 2024	Midweek					2
01 Oct 2024	Midweek					
02 Oct 2024	Midweek					
03 Oct 2024	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-2024	Thursday	calm/rippled	6		22					
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday	choppy	3		13			4	1056	5
01-Sep-2024	Sunday	choppy	5		12			0	0759	0
02-Sep-2024	Monday (Labour Day)	calm/rippled	6		21					
03-Sep-2024	Tuesday		0							
04-Sep-2024	Wednesday	calm/rippled	5		9			3	1422	11
05-Sep-2024	Thursday	large swells	1		1					
06-Sep-2024	Friday	calm/rippled	1		1					
07-Sep-2024	Saturday	frequent whitecaps	8		32			6	1116	10
08-Sep-2024	Sunday	choppy	2		5					
09-Sep-2024	Monday		0							
10-Sep-2024	Tuesday	frequent whitecaps	3		12					
11-Sep-2024	Wednesday		0							
12-Sep-2024	Thursday	large swells	6		3					
13-Sep-2024	Friday	choppy	7		16			3	1029	5
14-Sep-2024	Saturday	choppy	2		7			4	1512	11
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday		0					8	1203	13
17-Sep-2024	Tuesday	choppy	2		6					
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday	large swells	6		8					
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0					8	1105	14
22-Sep-2024	Sunday	large swells	2		11					
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday	large swells	2		6					
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0					0	1106	0
28-Sep-2024	Saturday	choppy	1		1			0	1058	0
29-Sep-2024	Sunday		0							
30-Sep-2024	Monday	choppy	2							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	frequent whitecaps	35		62			4*		7*
	Totals	choppy	26		89			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
Midweek	7	20	140		1.771				248		
Weekend	7	10	70		3.423				240		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	100	8	125		0
2020	September	45	0	23		3
2021	September	225	25	113		0
2022	September	242	165	293		0
2023	September	306	21	723		0
2024	September	267	0	591		0
5-Yr Avg	September	184	44	255		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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	61	93%
iRec Anglers	534	39%

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

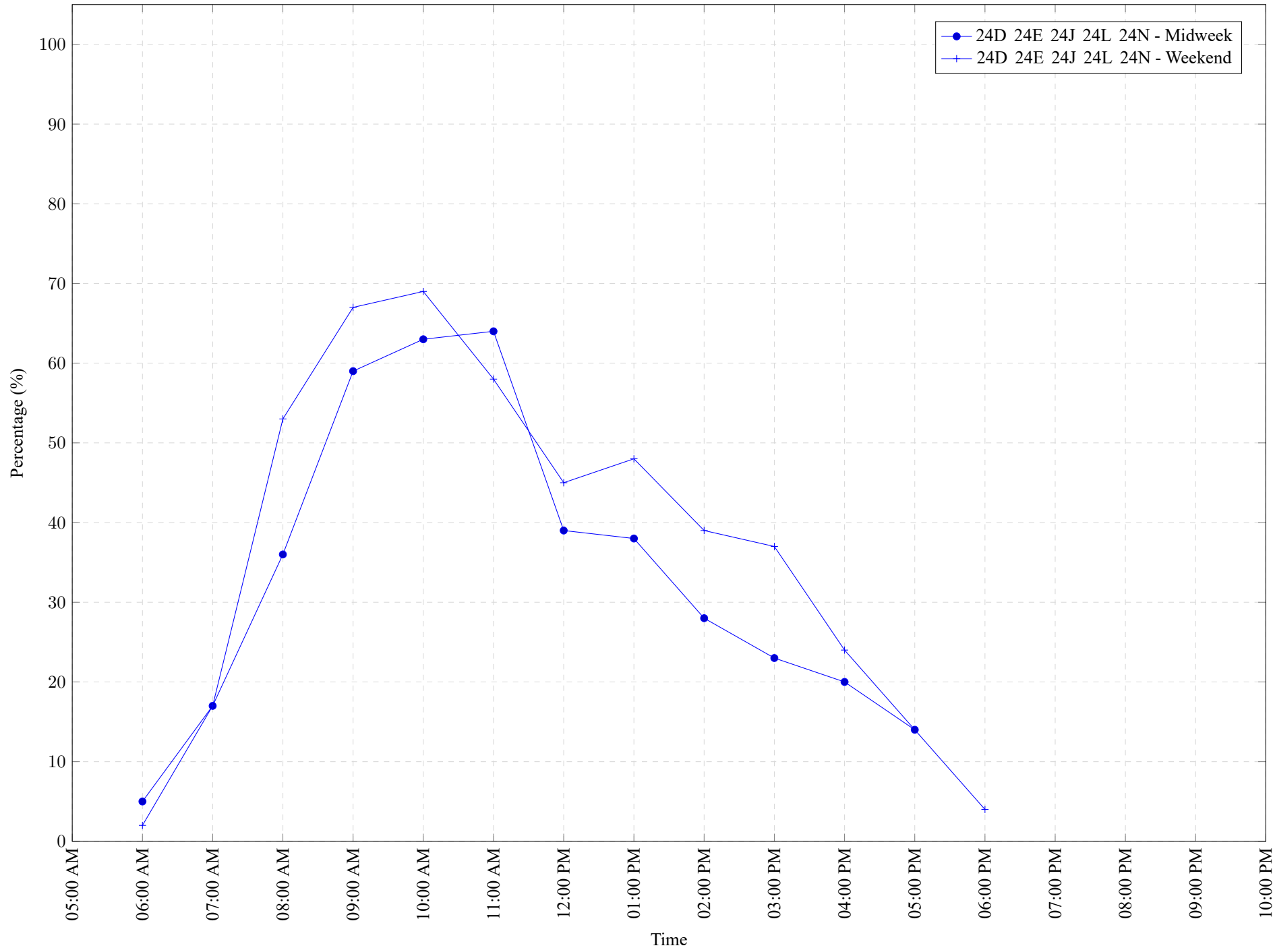


Table 7: Proportion of each day's fishing by hour.

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	24E	24J	24L	24N	Midweek	5%	17%	36%	59%	63%	64%	39%	38%	28%	23%	20%	14%	0%	0%	0%	0%	0%
24D	24E	24J	24L	24N	Weekend	2%	17%	53%	67%	69%	58%	45%	48%	39%	37%	24%	0%	4%	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 2024	Midweek			calm/rippled
30 Aug 2024	Midweek			
31 Aug 2024	Weekend			choppy
01 Sep 2024	Weekend			choppy
02 Sep 2024	Weekend			calm/rippled
03 Sep 2024	Midweek			
04 Sep 2024	Midweek			calm/rippled
05 Sep 2024	Midweek		large swells	
06 Sep 2024	Midweek	calm/rippled		
07 Sep 2024	Weekend			frequent whitecaps
08 Sep 2024	Weekend			choppy
09 Sep 2024	Midweek			
10 Sep 2024	Midweek			frequent whitecaps
11 Sep 2024	Midweek			
12 Sep 2024	Midweek			large swells
13 Sep 2024	Midweek			choppy
14 Sep 2024	Weekend			choppy
15 Sep 2024	Weekend			
16 Sep 2024	Midweek			
17 Sep 2024	Midweek			choppy
18 Sep 2024	Midweek			
19 Sep 2024	Midweek			large swells
20 Sep 2024	Midweek			
21 Sep 2024	Weekend			
22 Sep 2024	Weekend			large swells
23 Sep 2024	Midweek			
24 Sep 2024	Midweek			
25 Sep 2024	Midweek			large swells
26 Sep 2024	Midweek			
27 Sep 2024	Midweek			
28 Sep 2024	Weekend			choppy
29 Sep 2024	Weekend			
30 Sep 2024	Midweek			choppy
01 Oct 2024	Midweek			
02 Oct 2024	Midweek			
03 Oct 2024	Midweek			