

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 124 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 7th November, 2024



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

Date	Day Type	Tofino Resort and Marina			Ucluelet Gov Dock	
		AM	MD	PM	MD	PM
29 Aug 2024	Midweek		16			
30 Aug 2024	Midweek					
31 Aug 2024	Weekend		14			4
01 Sep 2024	Weekend	3				
02 Sep 2024	Weekend			11	2	
03 Sep 2024	Midweek					
04 Sep 2024	Midweek	3				1
05 Sep 2024	Midweek				3	
06 Sep 2024	Midweek					
07 Sep 2024	Weekend		5			
08 Sep 2024	Weekend			9		1
09 Sep 2024	Midweek				1	
10 Sep 2024	Midweek	2				
11 Sep 2024	Midweek				2	
12 Sep 2024	Midweek			11		
13 Sep 2024	Midweek		7			
14 Sep 2024	Weekend			8	2	
15 Sep 2024	Weekend					
16 Sep 2024	Midweek					
17 Sep 2024	Midweek		3			
18 Sep 2024	Midweek					
19 Sep 2024	Midweek			7		
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					
29 Sep 2024	Weekend					
30 Sep 2024	Midweek			1		
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	16	12			7			
30-Aug-2024	Friday		0					7	1009	10
31-Aug-2024	Saturday	choppy	18	6			21	33	1037	47
01-Sep-2024	Sunday	choppy	3	1			4	9	0739	45
02-Sep-2024	Monday (Labour Day)	calm/rippled	13	16			7			
03-Sep-2024	Tuesday		0							
04-Sep-2024	Wednesday	calm/rippled	4	2				6	1358	15
05-Sep-2024	Thursday	calm/rippled	3	3	2		2			
06-Sep-2024	Friday		0							
07-Sep-2024	Saturday	frequent whitecaps	5	12			2	10	1054	14
08-Sep-2024	Sunday	choppy	10	8			1			
09-Sep-2024	Monday	calm/rippled	1				2			
10-Sep-2024	Tuesday	frequent whitecaps	2				2			
11-Sep-2024	Wednesday	calm/rippled	2				7			
12-Sep-2024	Thursday	large swells	11	1			6			
13-Sep-2024	Friday	choppy	7	4			8	1	1010	1
14-Sep-2024	Saturday	choppy	10				12	3	1252	6
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday		0					6	1141	7
17-Sep-2024	Tuesday	choppy	3				2			
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday	large swells	7				3			
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0					0	1045	0
22-Sep-2024	Sunday	large swells	2							
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday	large swells	2							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0					0	1048	0
28-Sep-2024	Saturday		0					0	1042	0
29-Sep-2024	Sunday		0					0	1037	0
30-Sep-2024	Monday	choppy	1				1			
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	choppy	43	10	2		33	3*		6*
	Totals	choppy	43	37			26	4*		11*

* 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	6	20	120	0.233	0.047		0.767	28	6		92
Weekend	11	10	110	0.86			0.605	95			67

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	61	6			6
2020	September	211	40	5		252
2021	September	189	104	6		184
2022	September	249	165	41		115
2023	September	345	161	54		114
2024	September	290	97	19		341
5-Yr Avg	September	211	95	27		134

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	86	86%
iRec Anglers	1136	19%

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

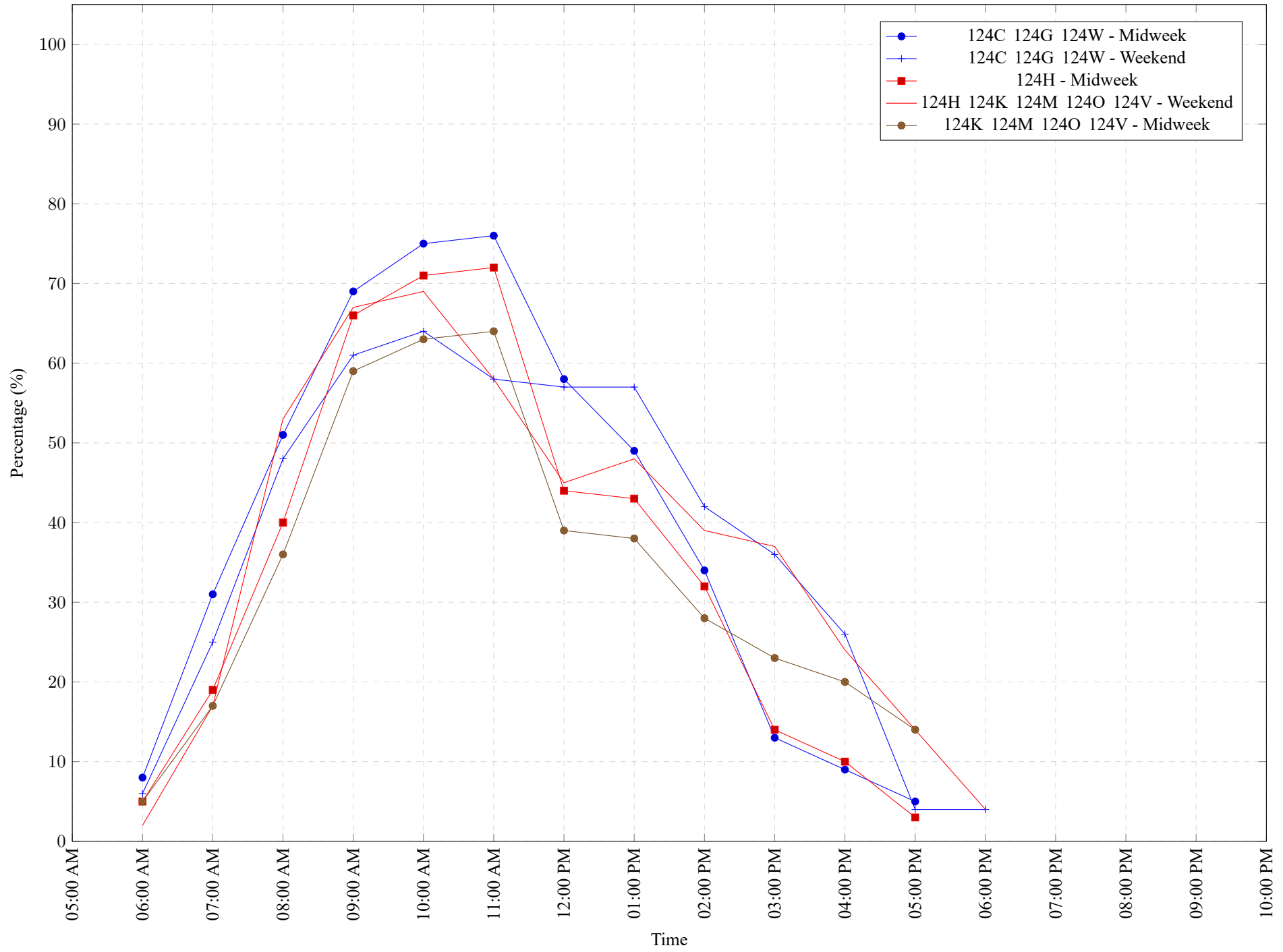


Table 7: Proportion of each day's fishing by hour.

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
124C 124G 124W					Midweek	8%	31%	51%	69%	75%	76%	58%	49%	34%	13%	9%	5%	0%	0%	0%	0%	0%
124C 124G 124W					Weekend	6%	25%	48%	61%	64%	58%	57%	57%	42%	36%	26%	4%	4%	0%	0%	0%	0%
124H					Midweek	5%	19%	40%	66%	71%	72%	44%	43%	32%	14%	10%	3%	0%	0%	0%	0%	0%
124H 124K 124M 124O 124V					Weekend	2%	17%	53%	67%	69%	58%	45%	48%	39%	37%	24%	0%	4%	0%	0%	0%	0%
124K 124M 124O 124V					Midweek	5%	17%	36%	59%	63%	64%	39%	38%	28%	23%	20%	14%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Tofino Resort and Marina	Ucluelet Gov Dock
29 Aug 2024	Midweek	calm/rippled	
30 Aug 2024	Midweek		
31 Aug 2024	Weekend	choppy	calm/rippled
01 Sep 2024	Weekend	choppy	
02 Sep 2024	Weekend	calm/rippled	calm/rippled
03 Sep 2024	Midweek		
04 Sep 2024	Midweek	calm/rippled	calm/rippled
05 Sep 2024	Midweek		calm/rippled
06 Sep 2024	Midweek		
07 Sep 2024	Weekend	frequent whitecaps	
08 Sep 2024	Weekend	choppy	calm/rippled
09 Sep 2024	Midweek		calm/rippled
10 Sep 2024	Midweek	frequent whitecaps	
11 Sep 2024	Midweek		calm/rippled
12 Sep 2024	Midweek	large swells	
13 Sep 2024	Midweek	choppy	
14 Sep 2024	Weekend	choppy	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		
29 Sep 2024	Weekend		
30 Sep 2024	Midweek	choppy	
01 Oct 2024	Midweek		
02 Oct 2024	Midweek		
03 Oct 2024	Midweek		