

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 124 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 8th October, 2024



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Canada



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

		Fourth Street Dock		Island West		Method Marine (Fuel Dock) MD	Pat Leslie Boat Launch MD	Tofino Resort and Marina			Ucluelet Gov Dock		
Date	Day Type	AM	PM	AM	MD	PM		AM	MD	PM	AM	MD	PM
29 Jul 2024	Midweek											11	
30 Jul 2024	Midweek					5							
31 Jul 2024	Midweek								20				
01 Aug 2024	Midweek			1					17				
02 Aug 2024	Midweek												
03 Aug 2024	Weekend							9			1		
04 Aug 2024	Weekend									17			6
05 Aug 2024	Weekend				5				1				
06 Aug 2024	Midweek												
07 Aug 2024	Midweek								18			7	
08 Aug 2024	Midweek				1		9						
09 Aug 2024	Midweek							10				2	
10 Aug 2024	Weekend								19				
11 Aug 2024	Weekend					1							
12 Aug 2024	Midweek												2
13 Aug 2024	Midweek											14	
14 Aug 2024	Midweek					3				21			
15 Aug 2024	Midweek	2											1
16 Aug 2024	Midweek						1						
17 Aug 2024	Weekend				4				21				
18 Aug 2024	Weekend											3	
19 Aug 2024	Midweek												
20 Aug 2024	Midweek							9				2	
21 Aug 2024	Midweek												
22 Aug 2024	Midweek								16			5	
23 Aug 2024	Midweek				2								
24 Aug 2024	Weekend									11		5	
25 Aug 2024	Weekend								19				
26 Aug 2024	Midweek				2								
27 Aug 2024	Midweek		1										
28 Aug 2024	Midweek												
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												

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-Jul-2024	Monday	calm/rippled	11	50			28			
30-Jul-2024	Tuesday	choppy	5	20	1		5			
31-Jul-2024	Wednesday	calm/rippled	20	43	1		2	14	1351	38
01-Aug-2024	Thursday	calm/rippled	18	81	1		7	33	1022	52
02-Aug-2024	Friday		0							
03-Aug-2024	Saturday	calm/rippled	10	32	1		2			
04-Aug-2024	Sunday	choppy	23	60	3		12	33	1310	78
05-Aug-2024	Monday (B.C. Day)	calm/rippled	6	8	1		3			
06-Aug-2024	Tuesday		0							
07-Aug-2024	Wednesday	choppy	25	73	31		10			
08-Aug-2024	Thursday	large swells	10	27	13		7			
09-Aug-2024	Friday	choppy	12	29	14		9			
10-Aug-2024	Saturday	large swells	19	71	15		8	17	1056	25
11-Aug-2024	Sunday	choppy	1				2	15	1253	30
12-Aug-2024	Monday	calm/rippled	2	11	5		3	15	1029	25
13-Aug-2024	Tuesday	calm/rippled	14	85	22		29			
14-Aug-2024	Wednesday	choppy	24	50	15		5			
15-Aug-2024	Thursday	calm/rippled	3	5	1					
16-Aug-2024	Friday	choppy	1							
17-Aug-2024	Saturday	calm/rippled	25	41	14		21	1	1113	2
18-Aug-2024	Sunday	calm/rippled	3	1	1		1	1	1434	3
19-Aug-2024	Monday		0							
20-Aug-2024	Tuesday	calm/rippled	11	20	7		7			
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday	calm/rippled	21	7	4		13	23	1146	40
23-Aug-2024	Friday	calm/rippled	2				4			
24-Aug-2024	Saturday	choppy	16	20	9		22	18	1123	28
25-Aug-2024	Sunday	choppy	19	10			7			
26-Aug-2024	Monday	choppy	2				3			
27-Aug-2024	Tuesday	large swells	1	2				1	1016	2
28-Aug-2024	Wednesday		0							
29-Aug-2024	Thursday	calm/rippled	16	12			7			
30-Aug-2024	Friday		0					7	1009	11
31-Aug-2024	Saturday	choppy	18	6			21	33	1037	44
01-Sep-2024	Sunday	choppy	3	1			4	9	0739	18
02-Sep-2024	Monday (Labour Day)	calm/rippled	13	16			7			
03-Sep-2024	Tuesday		0							
	Totals	choppy	162	402	113		104	16*		26*
	Totals	choppy	140	249	44		99	17*		30*

* 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	30	10	300	1.779	0.314		0.707	534	94		212
Midweek	26	21	546	2.481	0.698		0.642	1355	381		351

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	1266	1308	217	5	33
2020	August	1058	1845	31		277
2021	August	912	1616	452		454
2022	August	1088	2111	123	0	627
2023	August	1070	2357	346		742
2024	August	1221	3002	764		860
5-Yr Avg	August	1079	1847	234	3	427

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	302	80%

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

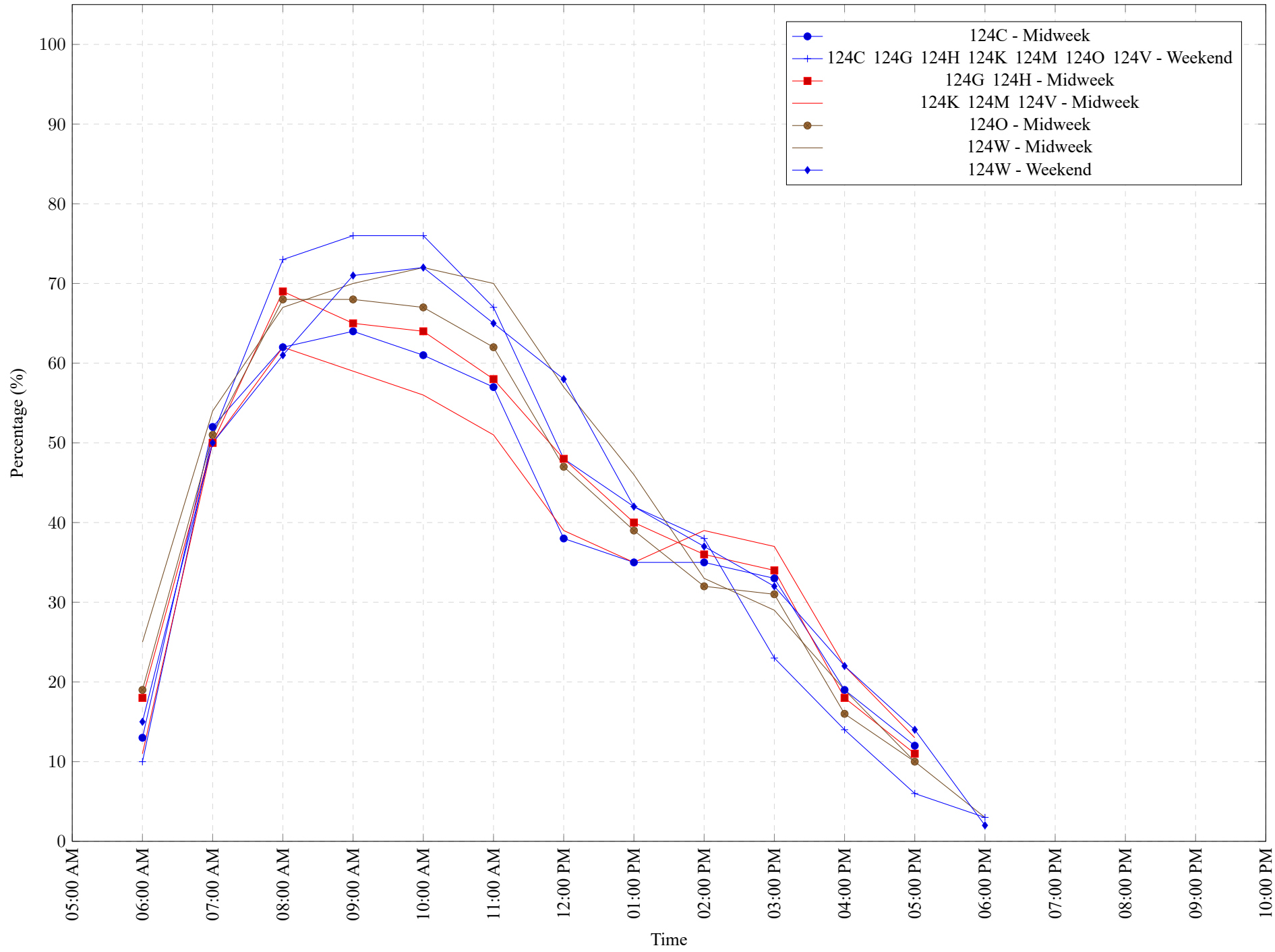


Table 7: Proportion of each day's fishing by hour.

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								Midweek	13%	52%	62%	64%	61%	57%	38%	35%	35%	33%	19%	12%	0%	0%	0%	0%	0%
124C	124G	124H	124K	124M	124O	124V		Weekend	10%	51%	73%	76%	76%	67%	48%	42%	38%	23%	14%	6%	3%	0%	0%	0%	0%
124G 124H								Midweek	18%	50%	69%	65%	64%	58%	48%	40%	36%	34%	18%	11%	0%	0%	0%	0%	0%
124K 124M 124V								Midweek	11%	50%	62%	59%	56%	51%	39%	35%	39%	37%	22%	13%	0%	0%	0%	0%	0%
124O								Midweek	19%	51%	68%	68%	67%	62%	47%	39%	32%	31%	16%	10%	0%	0%	0%	0%	0%
124W								Midweek	25%	54%	67%	70%	72%	70%	57%	46%	33%	29%	19%	10%	3%	0%	0%	0%	0%
124W								Weekend	15%	50%	61%	71%	72%	65%	58%	42%	37%	32%	22%	14%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Fourth Street Dock	Island West	Method Marine (Fuel Dock)	Pat Leslie Boat Launch	Tofino Resort and Marina	Ucluelet Gov Dock
29 Jul 2024	Midweek						calm/rippled
30 Jul 2024	Midweek		choppy				
31 Jul 2024	Midweek					calm/rippled	
01 Aug 2024	Midweek		calm/rippled			calm/rippled	
02 Aug 2024	Midweek						
03 Aug 2024	Weekend					calm/rippled	calm/rippled
04 Aug 2024	Weekend					choppy	choppy
05 Aug 2024	Weekend		calm/rippled			choppy	
06 Aug 2024	Midweek						
07 Aug 2024	Midweek					choppy	calm/rippled
08 Aug 2024	Midweek		calm/rippled	large swells			
09 Aug 2024	Midweek					choppy	calm/rippled
10 Aug 2024	Weekend					large swells	
11 Aug 2024	Weekend		choppy				
12 Aug 2024	Midweek						calm/rippled
13 Aug 2024	Midweek						calm/rippled
14 Aug 2024	Midweek		calm/rippled			choppy	
15 Aug 2024	Midweek	calm/rippled					calm/rippled
16 Aug 2024	Midweek				choppy		
17 Aug 2024	Weekend		calm/rippled			calm/rippled	
18 Aug 2024	Weekend						calm/rippled
19 Aug 2024	Midweek						
20 Aug 2024	Midweek					calm/rippled	calm/rippled
21 Aug 2024	Midweek						
22 Aug 2024	Midweek					calm/rippled	choppy
23 Aug 2024	Midweek		calm/rippled				
24 Aug 2024	Weekend					frequent whitecaps	calm/rippled
25 Aug 2024	Weekend					choppy	
26 Aug 2024	Midweek		choppy				
27 Aug 2024	Midweek	large swells					
28 Aug 2024	Midweek						
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						