

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 124 June 2024



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Wednesday 7<sup>th</sup> August, 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	Island West	Tofino Resort and Marina			Ucluelet Gov Dock		
		AM	PM	AM	MD	PM	AM	MD	PM
29 May 2024	Midweek								
30 May 2024	Midweek								
31 May 2024	Midweek								
01 Jun 2024	Weekend					12			
02 Jun 2024	Weekend								
03 Jun 2024	Midweek								
04 Jun 2024	Midweek								
05 Jun 2024	Midweek								
06 Jun 2024	Midweek								
07 Jun 2024	Midweek								
08 Jun 2024	Weekend				2				
09 Jun 2024	Weekend								
10 Jun 2024	Midweek								
11 Jun 2024	Midweek				1				
12 Jun 2024	Midweek								
13 Jun 2024	Midweek								
14 Jun 2024	Midweek					12			
15 Jun 2024	Weekend			7					
16 Jun 2024	Weekend					1			
17 Jun 2024	Midweek								
18 Jun 2024	Midweek				10		2		
19 Jun 2024	Midweek								
20 Jun 2024	Midweek					8		1	
21 Jun 2024	Midweek					1			
22 Jun 2024	Weekend				11			5	
23 Jun 2024	Weekend			4					
24 Jun 2024	Midweek					5			1
25 Jun 2024	Midweek								
26 Jun 2024	Midweek								1
27 Jun 2024	Midweek			5				2	
28 Jun 2024	Midweek	1							
29 Jun 2024	Weekend		1			9		4	
30 Jun 2024	Weekend					17			
01 Jul 2024	Weekend				10			2	
02 Jul 2024	Midweek								
03 Jul 2024	Midweek				14			1	

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-May-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday	choppy	12				13			
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0					0	1019	0
06-Jun-2024	Thursday		0							
07-Jun-2024	Friday		0							
08-Jun-2024	Saturday	frequent whitecaps	2	2			8	12	1042	16
09-Jun-2024	Sunday		0							
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday	large swells	1							
12-Jun-2024	Wednesday		0					5	1035	7
13-Jun-2024	Thursday		0							
14-Jun-2024	Friday	calm/rippled	12	11			6			
15-Jun-2024	Saturday	calm/rippled	7	4			1	29	1012	40
16-Jun-2024	Sunday	frequent whitecaps	1	1	1					
17-Jun-2024	Monday		0							
18-Jun-2024	Tuesday	calm/rippled	12	2			21			
19-Jun-2024	Wednesday		0							
20-Jun-2024	Thursday	calm/rippled	9	8			10	27	1019	37
21-Jun-2024	Friday	frequent whitecaps	1							
22-Jun-2024	Saturday	choppy	16	6	7		24			
23-Jun-2024	Sunday	large swells	4	1				9	0958	11
24-Jun-2024	Monday	large swells	6	9	2		4	8	1019	10
25-Jun-2024	Tuesday		0							
26-Jun-2024	Wednesday	calm/rippled	1							
27-Jun-2024	Thursday	frequent whitecaps	7	10	5		8			
28-Jun-2024	Friday	choppy	1	4						
29-Jun-2024	Saturday	choppy	14	15	11		26			
30-Jun-2024	Sunday	calm/rippled	17	11	8		4	24	1116	39
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	12	11	6		8	13	1013	17
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	large swells	15	19	8		5	5	1146	9
	Totals	choppy	50	44	7		49	10*		14*
	Totals	choppy	73	40	27		76	19*		27*

\* 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	27	10	270	0.548	0.37		1.041	148	100		281
Midweek	14	20	280	0.88	0.14		0.98	246	39		274

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	580	276	9		439
2020	June	111	29	5		108
2021	June	474	94	34		757
2022	June	483	427	63		519
2023	June	376	517	0		156
2024	June	525	177	38		1037
5-Yr Avg	June	405	269	22		396

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	123	93%
iRec Anglers	555	78%

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

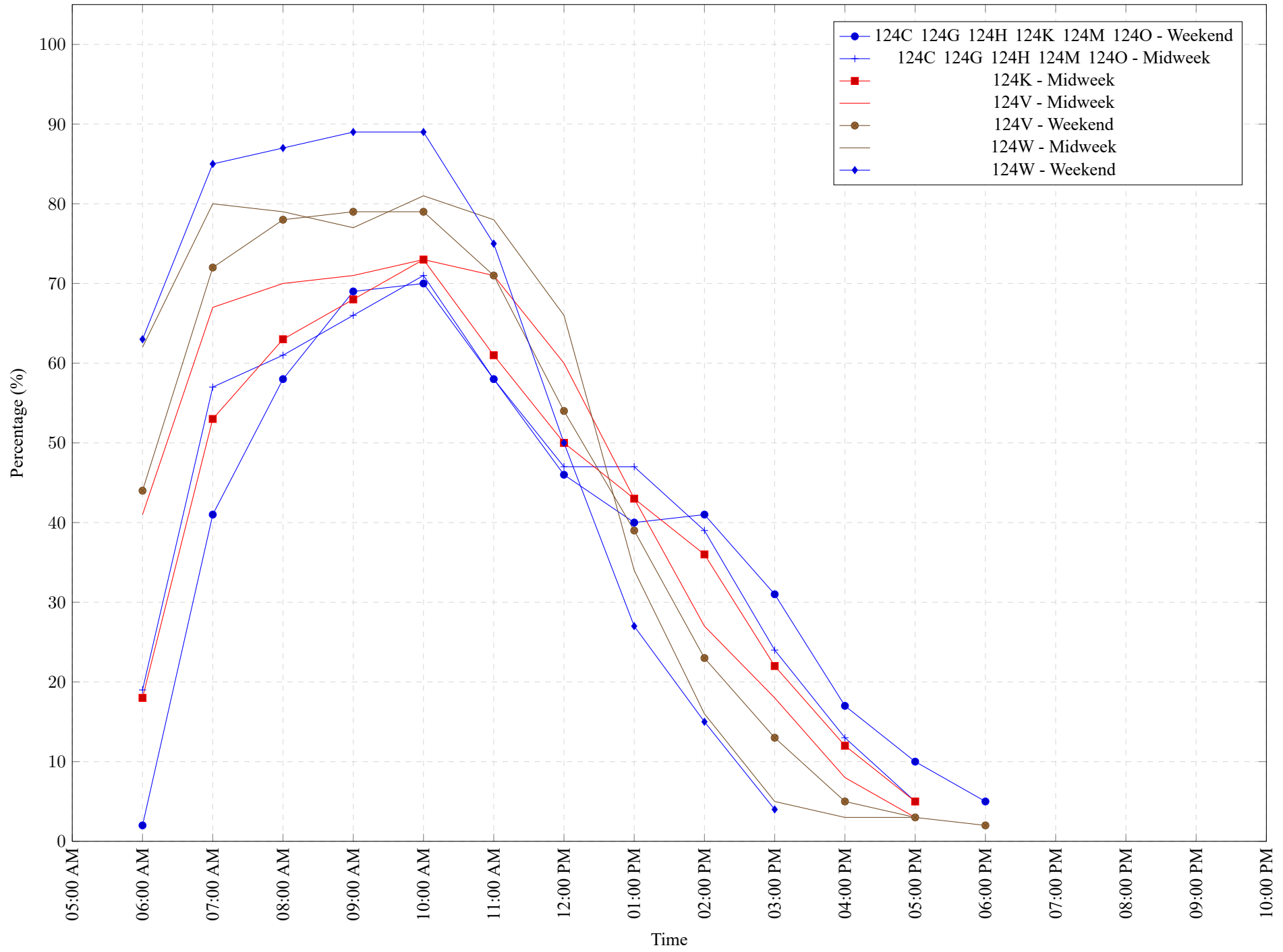


Table 7: Proportion of each day's fishing by hour.

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	124H	124K	124M	124O	Weekend	2%	41%	58%	69%	70%	58%	46%	40%	41%	31%	17%	10%	5%	0%	0%	0%	0%
124C	124G	124H	124M	124O		Midweek	19%	57%	61%	66%	71%	58%	47%	47%	39%	24%	13%	5%	0%	0%	0%	0%	0%
		124K				Midweek	18%	53%	63%	68%	73%	61%	50%	43%	36%	22%	12%	5%	0%	0%	0%	0%	0%
		124V				Midweek	41%	67%	70%	71%	73%	71%	60%	43%	27%	18%	8%	3%	0%	0%	0%	0%	0%
		124V				Weekend	44%	72%	78%	79%	79%	71%	54%	39%	23%	13%	5%	3%	2%	0%	0%	0%	0%
		124W				Midweek	62%	80%	79%	77%	81%	78%	66%	34%	16%	5%	3%	3%	0%	0%	0%	0%	0%
		124W				Weekend	63%	85%	87%	89%	89%	75%	50%	27%	15%	4%	0%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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