

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 124 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Friday 6th September, 2024



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

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

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
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	41
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
04-Jul-2024	Thursday	choppy	2	4			3			
05-Jul-2024	Friday		0							
06-Jul-2024	Saturday	large swells	13	43	16		10	46	1023	65
07-Jul-2024	Sunday	calm/rippled	13	22	16		13			
08-Jul-2024	Monday	calm/rippled	5				11			
09-Jul-2024	Tuesday	choppy	13	14	6		11	19	0947	24
10-Jul-2024	Wednesday	choppy	4	8			1			
11-Jul-2024	Thursday	frequent whitecaps	1				2			
12-Jul-2024	Friday		0							
13-Jul-2024	Saturday	choppy	4	7	1		1	22	1015	31
14-Jul-2024	Sunday	frequent whitecaps	1	4						
15-Jul-2024	Monday	choppy	13	9	2		20			
16-Jul-2024	Tuesday	calm/rippled	13	73			25	23	1305	55
17-Jul-2024	Wednesday	choppy	9	33	2		9			
18-Jul-2024	Thursday	frequent whitecaps	1	1						
19-Jul-2024	Friday	calm/rippled	6	20	1		9			
20-Jul-2024	Saturday	frequent whitecaps	19	31	6		14			
21-Jul-2024	Sunday	frequent whitecaps	12	34	1					
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday	calm/rippled	19	31	1		20			
24-Jul-2024	Wednesday	choppy	4	16	1					
25-Jul-2024	Thursday	frequent whitecaps	22	77	6		3	27	1020	36
26-Jul-2024	Friday	calm/rippled	1	6	1		4			
27-Jul-2024	Saturday	choppy	22	120	10		27			
28-Jul-2024	Sunday	frequent whitecaps	15	28			4	18	1012	26
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	44
01-Aug-2024	Thursday	calm/rippled	18	81	1		7	33	1022	45
02-Aug-2024	Friday		0							
03-Aug-2024	Saturday	calm/rippled	10	32	1		2			
	Totals	choppy	164	424	30		158	18*		34*
	Totals	frequent whitecaps	111	300	56		77	25*		35*

* 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	34	22	748	2.585	0.183		0.963	1934	137		720
Weekend	35	9	315	2.703	0.505		0.694	851	159		219

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	898	1104	497		228
2020	July	768	640	43	0	409
2021	July	894	1505	513		670
2022	July	720	780	152		603
2023	July	1343	2531	459	0	1201
2024	July	1191	3545	286		1288
5-Yr Avg	July	925	1312	333	0	622

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
Chinook	1092	39%	2%		%		22

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	275	90%

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

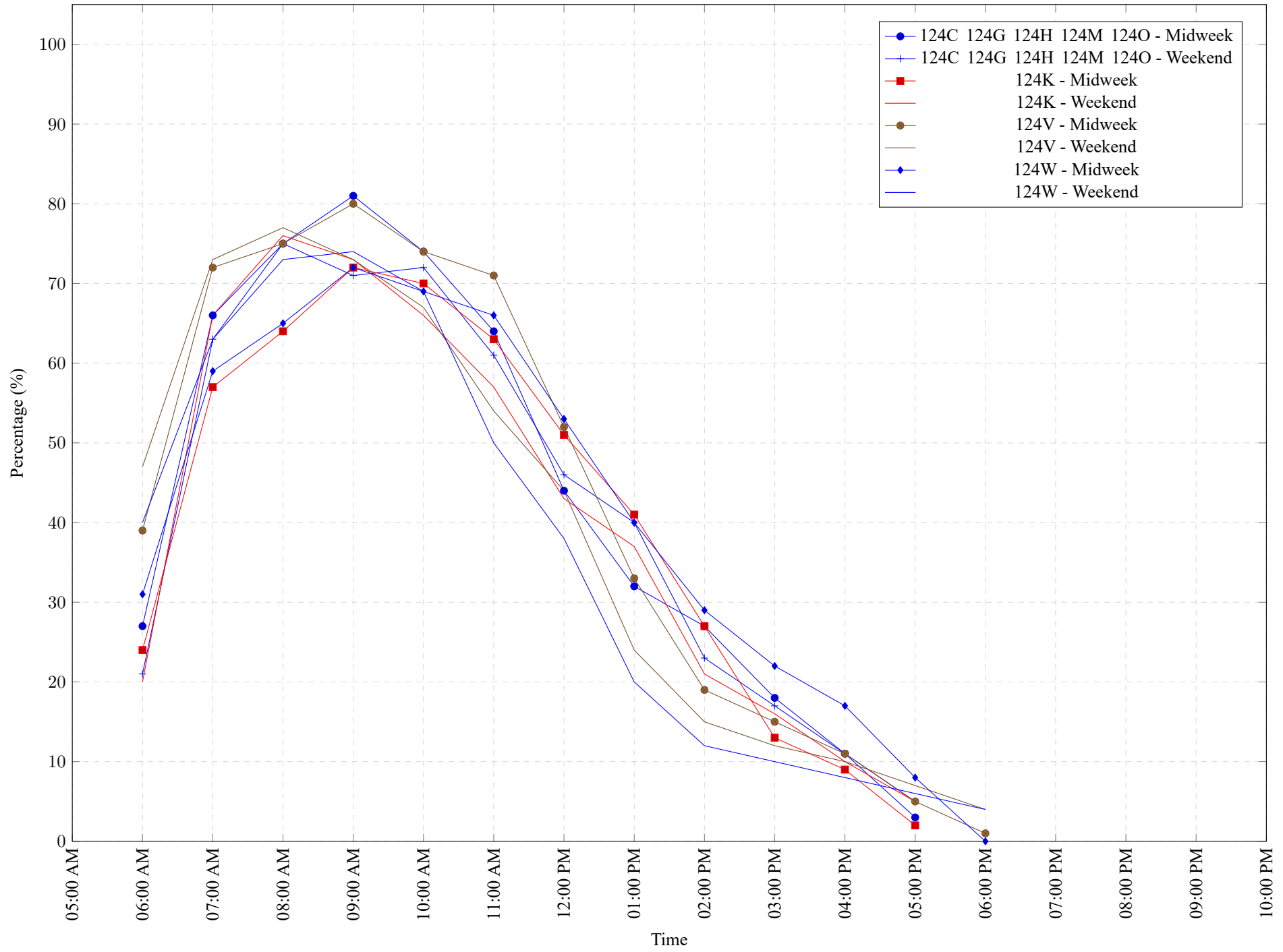


Table 7: Proportion of each day's fishing by hour.

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	124M	124O	Midweek	27%	66%	75%	81%	74%	64%	44%	32%	27%	18%	11%	3%	0%	0%	0%	0%	0%
124C	124G	124H	124M	124O	Weekend	21%	63%	75%	71%	72%	61%	46%	40%	23%	17%	11%	5%	0%	0%	0%	0%	0%
		124K			Midweek	24%	57%	64%	72%	70%	63%	51%	41%	27%	13%	9%	2%	0%	0%	0%	0%	0%
		124K			Weekend	20%	66%	76%	73%	66%	57%	43%	37%	21%	16%	10%	5%	0%	0%	0%	0%	0%
		124V			Midweek	39%	72%	75%	80%	74%	71%	52%	33%	19%	15%	11%	5%	1%	0%	0%	0%	0%
		124V			Weekend	47%	73%	77%	73%	67%	54%	44%	24%	15%	12%	10%	7%	4%	0%	0%	0%	0%
		124W			Midweek	31%	59%	65%	72%	69%	66%	53%	40%	29%	22%	17%	8%	0%	0%	0%	0%	0%
		124W			Weekend	40%	63%	73%	74%	69%	50%	38%	20%	12%	10%	8%	6%	4%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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