

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 5th September, 2024



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

Date	Day Type	Fourth Street Dock MD	Tofino Resort and Marina		
			AM	MD	PM
28 Jun 2024	Midweek				
29 Jun 2024	Weekend				2
30 Jun 2024	Weekend				2
01 Jul 2024	Weekend			4	
02 Jul 2024	Midweek				
03 Jul 2024	Midweek			1	
04 Jul 2024	Midweek	1			
05 Jul 2024	Midweek				
06 Jul 2024	Weekend				
07 Jul 2024	Weekend				3
08 Jul 2024	Midweek				
09 Jul 2024	Midweek			5	
10 Jul 2024	Midweek				
11 Jul 2024	Midweek				
12 Jul 2024	Midweek				
13 Jul 2024	Weekend		5		
14 Jul 2024	Weekend				
15 Jul 2024	Midweek			6	
16 Jul 2024	Midweek				
17 Jul 2024	Midweek				2
18 Jul 2024	Midweek				
19 Jul 2024	Midweek				1
20 Jul 2024	Weekend				3
21 Jul 2024	Weekend			6	
22 Jul 2024	Midweek				
23 Jul 2024	Midweek				2
24 Jul 2024	Midweek				
25 Jul 2024	Midweek			5	
26 Jul 2024	Midweek				
27 Jul 2024	Weekend		1		
28 Jul 2024	Weekend				
29 Jul 2024	Midweek				
30 Jul 2024	Midweek				
31 Jul 2024	Midweek			5	
01 Aug 2024	Midweek			3	
02 Aug 2024	Midweek				
03 Aug 2024	Weekend		2		

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		0							
29-Jun-2024	Saturday	choppy	2							
30-Jun-2024	Sunday	calm/rippled	2					6	1137	10
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	4		2			13	1037	18
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	large swells	1					12	1209	26
04-Jul-2024	Thursday	choppy	1		1					
05-Jul-2024	Friday		0							
06-Jul-2024	Saturday		0					3	1046	3
07-Jul-2024	Sunday	calm/rippled	3	2	3					
08-Jul-2024	Monday		0							
09-Jul-2024	Tuesday	choppy	5	5	11			3	1010	3
10-Jul-2024	Wednesday		0							
11-Jul-2024	Thursday		0							
12-Jul-2024	Friday		0							
13-Jul-2024	Saturday	choppy	5	8				8	1038	11
14-Jul-2024	Sunday		0							
15-Jul-2024	Monday	choppy	6	25	1					
16-Jul-2024	Tuesday		0					6	1325	18
17-Jul-2024	Wednesday	calm/rippled	2	1	2					
18-Jul-2024	Thursday		0							
19-Jul-2024	Friday	frequent whitecaps	1							
20-Jul-2024	Saturday	frequent whitecaps	3		1					
21-Jul-2024	Sunday	frequent whitecaps	6	6	3					
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday	calm/rippled	2	4						
24-Jul-2024	Wednesday		0							
25-Jul-2024	Thursday	frequent whitecaps	5	8	3			12	1045	16
26-Jul-2024	Friday		0							
27-Jul-2024	Saturday	frequent whitecaps	1	3				0	1301	0
28-Jul-2024	Sunday		0							
29-Jul-2024	Monday		0							
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday	calm/rippled	5	2				11	1416	42
01-Aug-2024	Thursday	calm/rippled	3		5			2	1044	3
02-Aug-2024	Friday		0							
03-Aug-2024	Saturday	calm/rippled	2		1					
	Totals	choppy	28	45	18			9*		21*
	Totals	frequent whitecaps	22	19	9			6*		8*

* 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	8	9	72	0.864	0.409			62	29		
Midweek	21	22	462	1.607	0.643			742	297		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	531	352	1242		45
2020	July	153	133	26		7
2021	July	169	186	109		0
2022	July	448	198	1047		0
2023	July	240	417	50	0	12
2024	July	617	210	841		0
5-Yr Avg	July	308	257	495	0	13

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	74	35%	4%		%		3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	50	90%

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

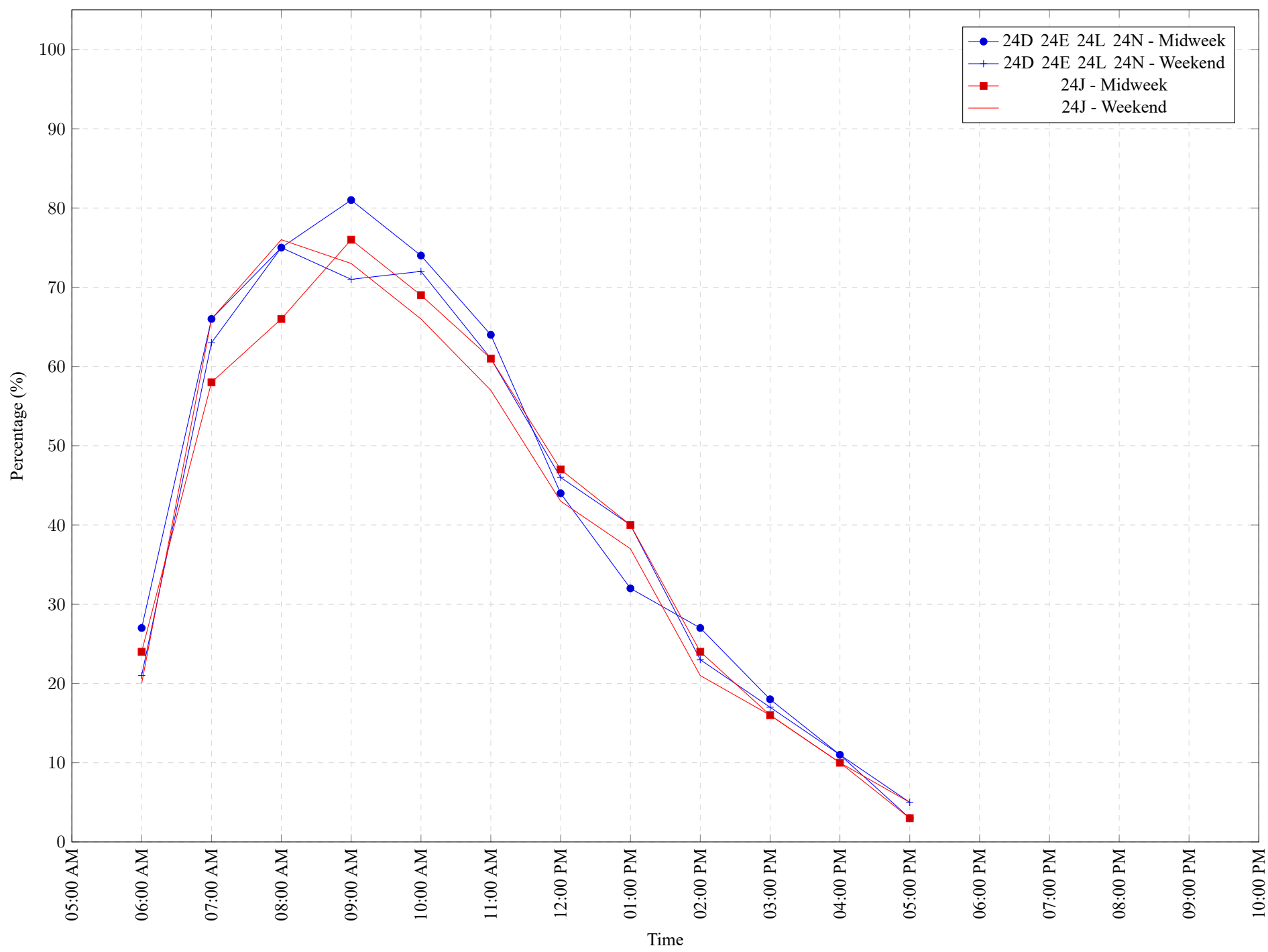


Table 7: Proportion of each day's fishing by hour.

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
24D	24E	24L	24N	Midweek	27%	66%	75%	81%	74%	64%	44%	32%	27%	18%	11%	3%	0%	0%	0%	0%	0%
24D	24E	24L	24N	Weekend	21%	63%	75%	71%	72%	61%	46%	40%	23%	17%	11%	5%	0%	0%	0%	0%	0%
24J				Midweek	24%	58%	66%	76%	69%	61%	47%	40%	24%	16%	10%	3%	0%	0%	0%	0%	0%
24J				Weekend	20%	66%	76%	73%	66%	57%	43%	37%	21%	16%	10%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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