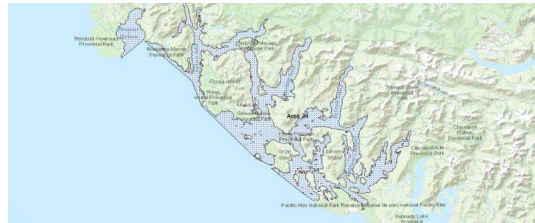


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 June 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 14th January, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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

Date	Day Type	Clutesi Ramp PM	Fourth Street Dock		Tofino Resort and Marina		
			AM	MD	AM	MD	PM
29 May 2023	Midweek						
30 May 2023	Midweek						
31 May 2023	Midweek						
01 Jun 2023	Midweek						
02 Jun 2023	Midweek						
03 Jun 2023	Weekend					3	
04 Jun 2023	Weekend						
05 Jun 2023	Midweek				2		
06 Jun 2023	Midweek						
07 Jun 2023	Midweek						
08 Jun 2023	Midweek						
09 Jun 2023	Midweek						
10 Jun 2023	Weekend				1		
11 Jun 2023	Weekend					4	
12 Jun 2023	Midweek						4
13 Jun 2023	Midweek						
14 Jun 2023	Midweek					11	
15 Jun 2023	Midweek						
16 Jun 2023	Midweek						7
17 Jun 2023	Weekend					14	
18 Jun 2023	Weekend				1		
19 Jun 2023	Midweek						
20 Jun 2023	Midweek						
21 Jun 2023	Midweek						
22 Jun 2023	Midweek				2		
23 Jun 2023	Midweek						
24 Jun 2023	Weekend						1
25 Jun 2023	Weekend			3			
26 Jun 2023	Midweek				3		
27 Jun 2023	Midweek		2				
28 Jun 2023	Midweek					4	
29 Jun 2023	Midweek					1	
30 Jun 2023	Midweek						
01 Jul 2023	Weekend					11	
02 Jul 2023	Weekend						4
03 Jul 2023	Weekend	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-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0					2	1100	4
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday	choppy	3	4				3	1048	6
04-Jun-2023	Sunday		1	4						
05-Jun-2023	Monday	calm/rippled	2					1	1035	2
06-Jun-2023	Tuesday		0							
07-Jun-2023	Wednesday		0							
08-Jun-2023	Thursday		0							
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday	calm/rippled	1					5	0937	12
11-Jun-2023	Sunday	choppy	4	1	1					
12-Jun-2023	Monday	choppy	4	5			1			
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday	choppy	11	6				8	1054	16
15-Jun-2023	Thursday		0							
16-Jun-2023	Friday	choppy	7	7						
17-Jun-2023	Saturday	frequent whitecaps	15	20				7	1111	11
18-Jun-2023	Sunday	choppy	1	1						
19-Jun-2023	Monday		0							
20-Jun-2023	Tuesday		0							
21-Jun-2023	Wednesday		0							
22-Jun-2023	Thursday	calm/rippled	2	8						
23-Jun-2023	Friday		0					1	1059	2
24-Jun-2023	Saturday	choppy	1	1				3	1118	5
25-Jun-2023	Sunday	choppy	3	3			1			
26-Jun-2023	Monday	calm/rippled	3		1					
27-Jun-2023	Tuesday	calm/rippled	2							
28-Jun-2023	Wednesday	choppy	4	3						
29-Jun-2023	Thursday	calm/rippled	1							
30-Jun-2023	Friday		1				1	5	1515	39
01-Jul-2023	Saturday	frequent whitecaps	11	18	1	1	2	6	1059	12
02-Jul-2023	Sunday	calm/rippled	4	1						
03-Jul-2023	Monday (Canada Day)	choppy	1	2						
	Totals	calm/rippled	37	29	1		2	3*		13*
	Totals	choppy	29	34	1		1	5*		9*

* 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	9	8	72	1.172	0.034		0.034	84	2		2
Midweek	13	22	286	0.784	0.027		0.054	224	8		15

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	166	106	2		3
2019	June	96	48	24		0
2020	June	332	123	10		55
2021	June	114	122	43		1
2022	June	256	222	80		27
2023	June	352	485	5		8
5-Yr Avg	June	193	124	32		17

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	230	47%	9%	104	33%	20%	21

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	66	79%
iRec Anglers	613	52%

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

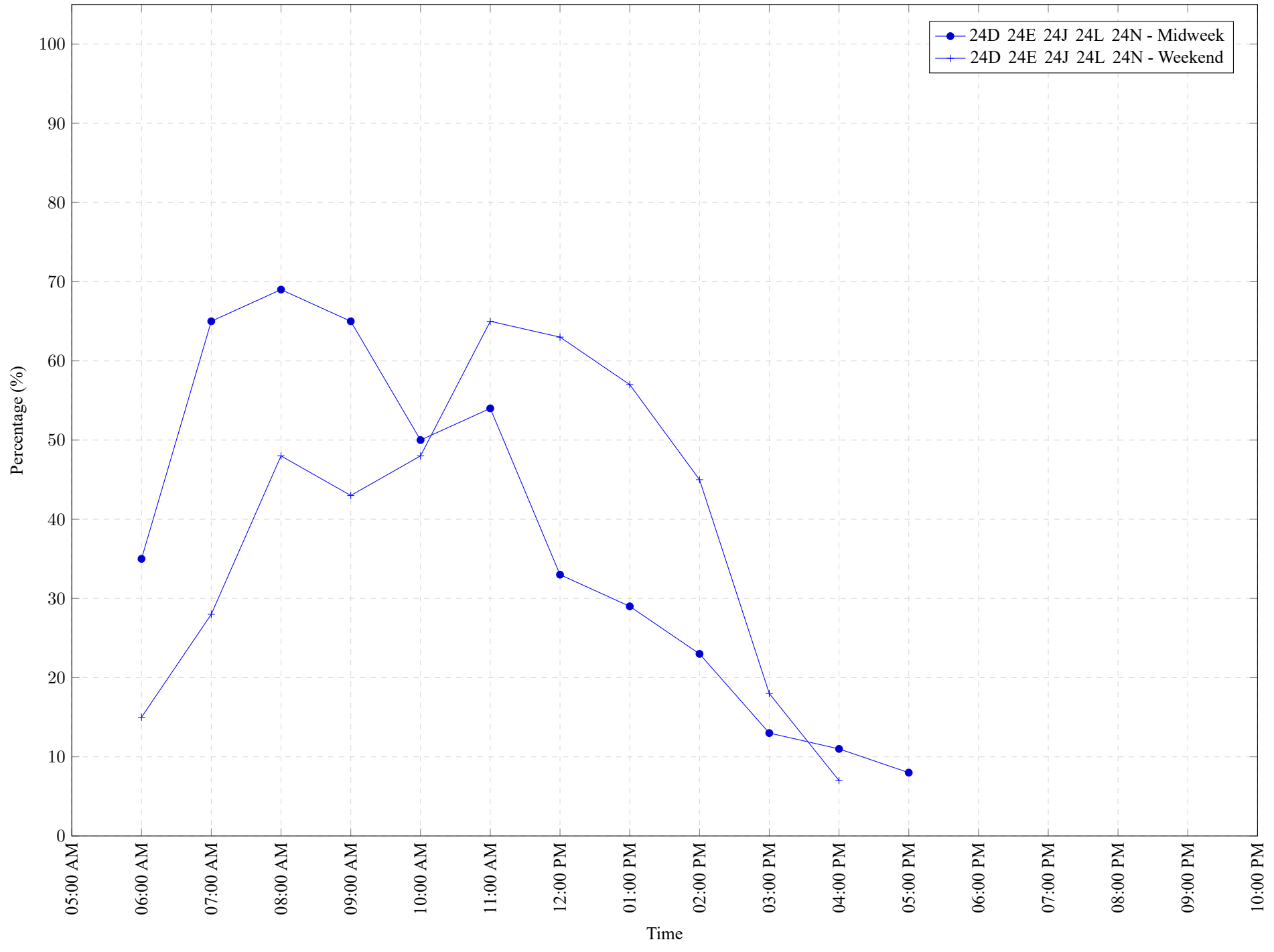


Table 7: Proportion of each day's fishing by hour.

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	24J	24L	24N	Midweek	35%	65%	69%	65%	50%	54%	33%	29%	23%	13%	11%	8%	0%	0%	0%	0%	0%
24D	24E	24J	24L	24N	Weekend	15%	28%	48%	43%	48%	65%	63%	57%	45%	18%	7%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Clutesi Ramp	Fourth Street Dock	Tofino Resort and Marina
29 May 2023	Midweek			
30 May 2023	Midweek			
31 May 2023	Midweek			
01 Jun 2023	Midweek			
02 Jun 2023	Midweek			
03 Jun 2023	Weekend			choppy
04 Jun 2023	Weekend			
05 Jun 2023	Midweek			calm/rippled
06 Jun 2023	Midweek			
07 Jun 2023	Midweek			
08 Jun 2023	Midweek			
09 Jun 2023	Midweek			
10 Jun 2023	Weekend			calm/rippled
11 Jun 2023	Weekend			choppy
12 Jun 2023	Midweek			choppy
13 Jun 2023	Midweek			
14 Jun 2023	Midweek			choppy
15 Jun 2023	Midweek			
16 Jun 2023	Midweek			choppy
17 Jun 2023	Weekend			frequent whitecaps
18 Jun 2023	Weekend			choppy
19 Jun 2023	Midweek			
20 Jun 2023	Midweek			
21 Jun 2023	Midweek			
22 Jun 2023	Midweek			calm/rippled
23 Jun 2023	Midweek			
24 Jun 2023	Weekend			choppy
25 Jun 2023	Weekend		choppy	
26 Jun 2023	Midweek			calm/rippled
27 Jun 2023	Midweek		calm/rippled	
28 Jun 2023	Midweek			choppy
29 Jun 2023	Midweek			calm/rippled
30 Jun 2023	Midweek			
01 Jul 2023	Weekend			frequent whitecaps
02 Jul 2023	Weekend			calm/rippled
03 Jul 2023	Weekend	choppy		