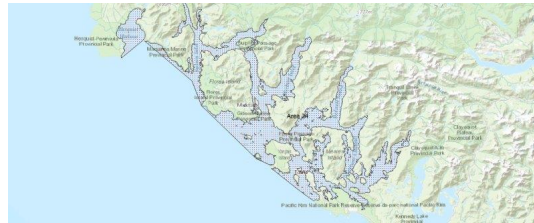


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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	Method Marine (Fuel Dock) MD	Tofino Resort and Marina		
		MD	MD	AM	MD	PM
29 May 2022	Weekend					
30 May 2022	Midweek					
31 May 2022	Midweek					
01 Jun 2022	Midweek					
02 Jun 2022	Midweek					
03 Jun 2022	Midweek			4		
04 Jun 2022	Weekend					8
05 Jun 2022	Weekend					
06 Jun 2022	Midweek					
07 Jun 2022	Midweek			2		
08 Jun 2022	Midweek				7	
09 Jun 2022	Midweek					
10 Jun 2022	Midweek					
11 Jun 2022	Weekend				4	
12 Jun 2022	Weekend					
13 Jun 2022	Midweek				6	
14 Jun 2022	Midweek					
15 Jun 2022	Midweek					
16 Jun 2022	Midweek				3	
17 Jun 2022	Midweek		2			
18 Jun 2022	Weekend				3	
19 Jun 2022	Weekend	2				
20 Jun 2022	Midweek					
21 Jun 2022	Midweek					
22 Jun 2022	Midweek					5
23 Jun 2022	Midweek	3				
24 Jun 2022	Midweek				3	
25 Jun 2022	Weekend		1			
26 Jun 2022	Weekend					
27 Jun 2022	Midweek				5	
28 Jun 2022	Midweek					8
29 Jun 2022	Midweek		2			
30 Jun 2022	Midweek					
01 Jul 2022	Weekend					3
02 Jul 2022	Weekend					
03 Jul 2022	Weekend					

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-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0					0	0951	0
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday	frequent whitecaps	5	3						
04-Jun-2022	Saturday	frequent whitecaps	8	7				7	1007	10
05-Jun-2022	Sunday		0							
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday	calm/rippled	2	1			1			
08-Jun-2022	Wednesday	frequent whitecaps	7	2			2			
09-Jun-2022	Thursday		0					2	0940	4
10-Jun-2022	Friday		1							
11-Jun-2022	Saturday	choppy	5	3						
12-Jun-2022	Sunday		1					0	1111	0
13-Jun-2022	Monday	frequent whitecaps	6	1				5	1049	9
14-Jun-2022	Tuesday		1	1						
15-Jun-2022	Wednesday		0							
16-Jun-2022	Thursday	calm/rippled	3	9			1			
17-Jun-2022	Friday	frequent whitecaps	3							
18-Jun-2022	Saturday	calm/rippled	3	5	1			0	1052	0
19-Jun-2022	Sunday	calm/rippled	2							
20-Jun-2022	Monday		0							
21-Jun-2022	Tuesday		0							
22-Jun-2022	Wednesday	large swells	5	3	6					
23-Jun-2022	Thursday	frequent whitecaps	4	5	1			10	1050	18
24-Jun-2022	Friday	calm/rippled	3							
25-Jun-2022	Saturday	choppy	1					4	1104	6
26-Jun-2022	Sunday		0							
27-Jun-2022	Monday	choppy	5							
28-Jun-2022	Tuesday	frequent whitecaps	8	4	6			10	1022	19
29-Jun-2022	Wednesday	choppy	2	1	1					
30-Jun-2022	Thursday		0							
01-Jul-2022	Friday (Canada Day)	choppy	3	1	4			11	1104	17
02-Jul-2022	Saturday		0							
03-Jul-2022	Sunday		0							
	Totals	choppy	55	30	14		4	5*		10*
	Totals	choppy	20	15	1			3*		4*

* 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	4	8	32	0.75	0.05			24	2		
Midweek	10	22	220	0.545	0.255		0.073	120	56		16

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	174	436	38		14
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
5-Yr Avg	June	176	167	23		15

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	114	51%	22%	187	28%	13%	25

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	70	79%
iRec Anglers	854	75%

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

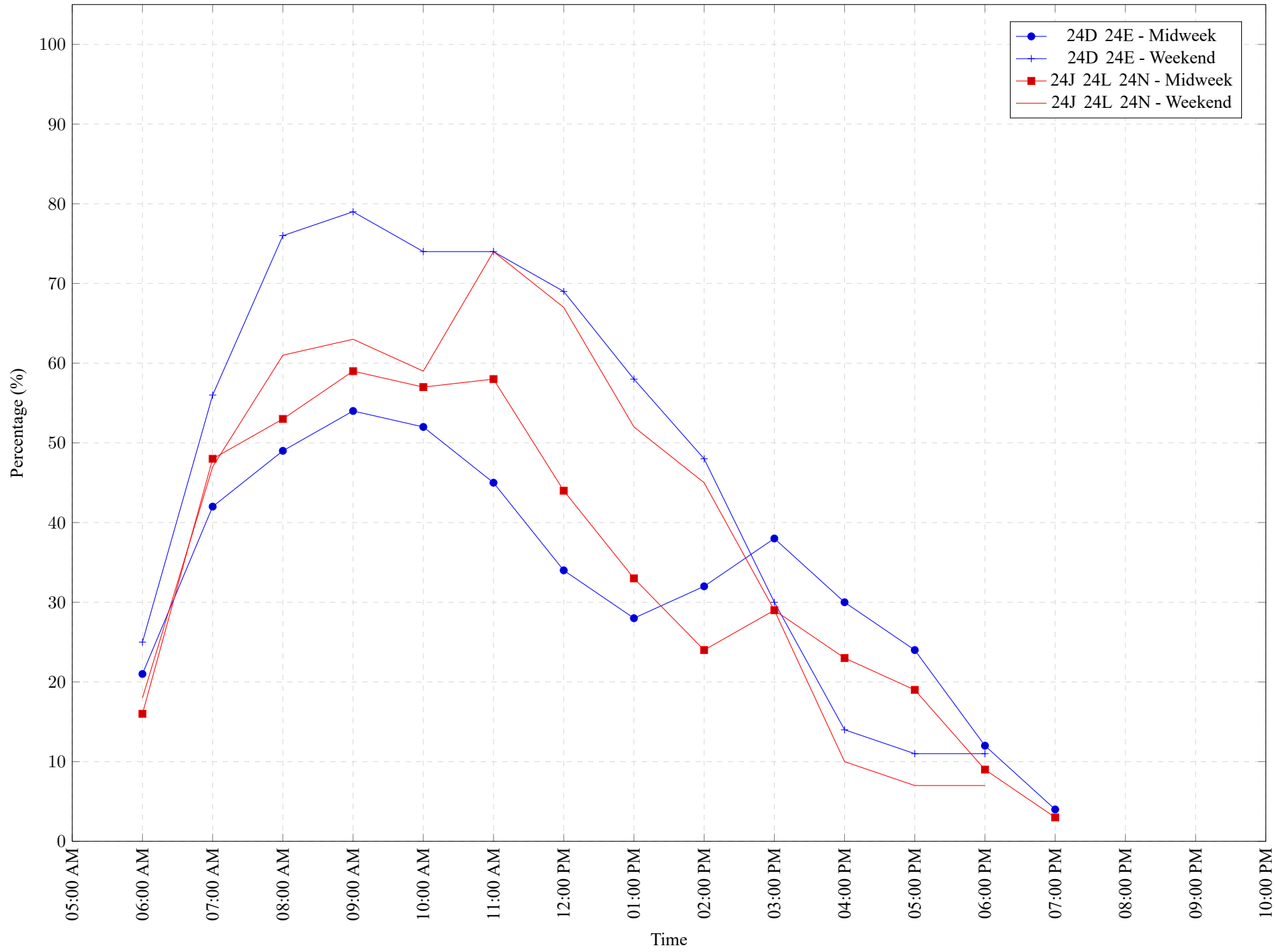


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
24D 24E	Midweek	21%	42%	49%	54%	52%	45%	34%	28%	32%	38%	30%	24%	12%	4%	0%	0%	0%
24D 24E	Weekend	25%	56%	76%	79%	74%	74%	69%	58%	48%	30%	14%	11%	11%	0%	0%	0%	0%
24J 24L 24N	Midweek	16%	48%	53%	59%	57%	58%	44%	33%	24%	29%	23%	19%	9%	3%	0%	0%	0%
24J 24L 24N	Weekend	18%	47%	61%	63%	59%	74%	67%	52%	45%	29%	10%	7%	7%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Fourth Street Dock	Method Marine (Fuel Dock)	Tofino Resort and Marina
29 May 2022	Weekend			
30 May 2022	Midweek			
31 May 2022	Midweek			
01 Jun 2022	Midweek			
02 Jun 2022	Midweek			
03 Jun 2022	Midweek			frequent whitecaps
04 Jun 2022	Weekend			frequent whitecaps
05 Jun 2022	Weekend			
06 Jun 2022	Midweek			
07 Jun 2022	Midweek			calm/rippled
08 Jun 2022	Midweek			frequent whitecaps
09 Jun 2022	Midweek			
10 Jun 2022	Midweek			
11 Jun 2022	Weekend			choppy
12 Jun 2022	Weekend			
13 Jun 2022	Midweek			frequent whitecaps
14 Jun 2022	Midweek			
15 Jun 2022	Midweek			
16 Jun 2022	Midweek			calm/rippled
17 Jun 2022	Midweek		frequent whitecaps	
18 Jun 2022	Weekend			calm/rippled
19 Jun 2022	Weekend	calm/rippled		
20 Jun 2022	Midweek			
21 Jun 2022	Midweek			
22 Jun 2022	Midweek			large swells
23 Jun 2022	Midweek	frequent whitecaps		
24 Jun 2022	Midweek			calm/rippled
25 Jun 2022	Weekend		choppy	
26 Jun 2022	Weekend			
27 Jun 2022	Midweek			choppy
28 Jun 2022	Midweek			frequent whitecaps
29 Jun 2022	Midweek		choppy	
30 Jun 2022	Midweek			
01 Jul 2022	Weekend			choppy
02 Jul 2022	Weekend			
03 Jul 2022	Weekend			