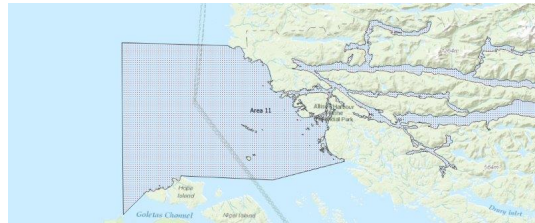


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 June 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 21st January, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'your catch counts' is in a bold, blue, sans-serif font. The word 'your' is on the top line, 'catch' is on the middle line, and 'counts' is on the bottom line. To the right of the word 'catch' is a stylized blue silhouette of a fisherman holding a large fish.

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

Date	Day Type	Bear Cove		Quarterdeck Marina	
		AM	PM	AM	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				
04 Jun 2023	Weekend				
05 Jun 2023	Midweek				
06 Jun 2023	Midweek			3	
07 Jun 2023	Midweek				
08 Jun 2023	Midweek	3			
09 Jun 2023	Midweek				3
10 Jun 2023	Weekend				
11 Jun 2023	Weekend				
12 Jun 2023	Midweek				
13 Jun 2023	Midweek				
14 Jun 2023	Midweek				
15 Jun 2023	Midweek		4		
16 Jun 2023	Midweek			2	
17 Jun 2023	Weekend	10			
18 Jun 2023	Weekend				11
19 Jun 2023	Midweek				
20 Jun 2023	Midweek				
21 Jun 2023	Midweek			3	
22 Jun 2023	Midweek			6	
23 Jun 2023	Midweek	1			
24 Jun 2023	Weekend		9		
25 Jun 2023	Weekend			8	
26 Jun 2023	Midweek				
27 Jun 2023	Midweek				
28 Jun 2023	Midweek		8		
29 Jun 2023	Midweek	3			
30 Jun 2023	Midweek				9
01 Jul 2023	Weekend			12	
02 Jul 2023	Weekend	5			
03 Jul 2023	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-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0							
02-Jun-2023	Friday		2	6			2			
03-Jun-2023	Saturday		2	6			3			
04-Jun-2023	Sunday		0					6	0915	7
05-Jun-2023	Monday		0							
06-Jun-2023	Tuesday	choppy	3	28			5	5	0907	6
07-Jun-2023	Wednesday		0							
08-Jun-2023	Thursday	calm/rippled	5	8			3			
09-Jun-2023	Friday	choppy	3	12			5			
10-Jun-2023	Saturday		2					9	0911	11
11-Jun-2023	Sunday		3	1			3			
12-Jun-2023	Monday		4	5			2			
13-Jun-2023	Tuesday		3	3						
14-Jun-2023	Wednesday		3	7						
15-Jun-2023	Thursday	choppy	4	12				12	0903	19
16-Jun-2023	Friday	choppy	7	17			6			
17-Jun-2023	Saturday	choppy	13	13			3			
18-Jun-2023	Sunday	choppy	15	42	1		9	12	0857	15
19-Jun-2023	Monday		6	14			4			
20-Jun-2023	Tuesday		6	16			3			
21-Jun-2023	Wednesday	calm/rippled	5	12			6	16	0915	22
22-Jun-2023	Thursday	calm/rippled	9	32			9			
23-Jun-2023	Friday	calm/rippled	4	7			3			
24-Jun-2023	Saturday	choppy	10	38	1		3			
25-Jun-2023	Sunday	calm/rippled	12	14			7			
26-Jun-2023	Monday		3	1	1		1			
27-Jun-2023	Tuesday		1	1						
28-Jun-2023	Wednesday	calm/rippled	12	22			6			
29-Jun-2023	Thursday	calm/rippled	3	3						
30-Jun-2023	Friday	choppy	12	38	1		27			
01-Jul-2023	Saturday	choppy	18	59	1		4			
02-Jul-2023	Sunday	choppy	10	8	2		4			
03-Jul-2023	Monday (Canada Day)		3	10				4	0912	6
	Totals	calm/rippled	95	244	2		82	11*		16*
	Totals	choppy	57	114	2		28	9*		11*

* 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	11	8	88	2	0.035		0.491	176	3		43
Midweek	16	22	352	2.568	0.021		0.863	904	7		304

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	813	2291	27	9	972
2019	June	677	1766	34		235
2020	June	268	691	5		151
2021	June	265	324	7		179
2022	June	210	378	26		105
2023	June	478	1355	13		458
5-Yr Avg	June	447	1090	20	9	328

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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion

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

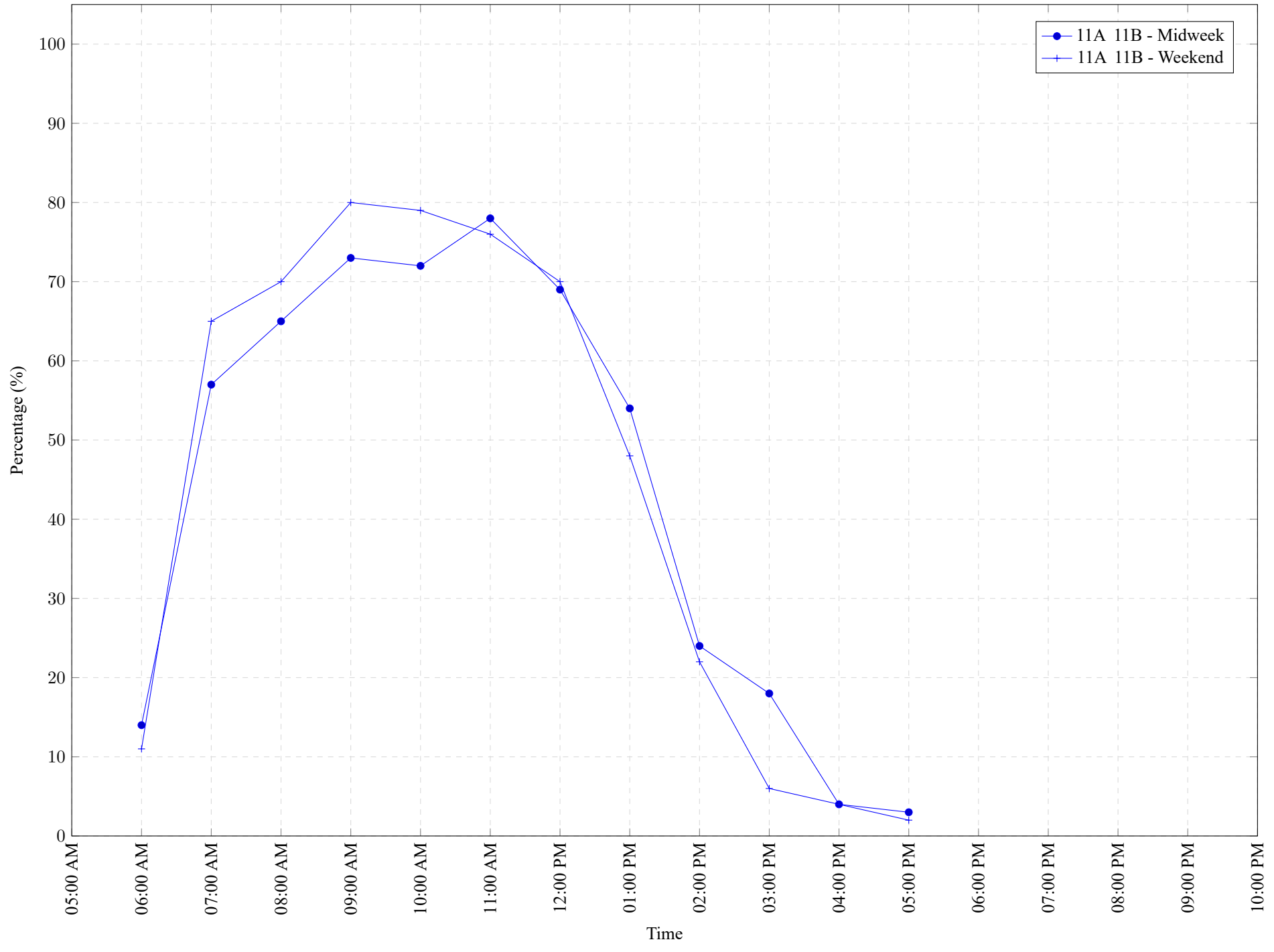


Table 7: Proportion of each day's fishing by hour.

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
11A 11B	Midweek	14%	57%	65%	73%	72%	78%	69%	54%	24%	18%	4%	3%	0%	0%	0%	0%	0%
11A 11B	Weekend	11%	65%	70%	80%	79%	76%	70%	48%	22%	6%	4%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck 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		
04 Jun 2023	Weekend		
05 Jun 2023	Midweek		
06 Jun 2023	Midweek		choppy
07 Jun 2023	Midweek		
08 Jun 2023	Midweek	calm/rippled	
09 Jun 2023	Midweek		choppy
10 Jun 2023	Weekend		
11 Jun 2023	Weekend		
12 Jun 2023	Midweek		
13 Jun 2023	Midweek		
14 Jun 2023	Midweek		
15 Jun 2023	Midweek	choppy	
16 Jun 2023	Midweek		choppy
17 Jun 2023	Weekend	choppy	
18 Jun 2023	Weekend		choppy
19 Jun 2023	Midweek		
20 Jun 2023	Midweek		
21 Jun 2023	Midweek		calm/rippled
22 Jun 2023	Midweek		calm/rippled
23 Jun 2023	Midweek	calm/rippled	
24 Jun 2023	Weekend	choppy	
25 Jun 2023	Weekend		calm/rippled
26 Jun 2023	Midweek		
27 Jun 2023	Midweek		
28 Jun 2023	Midweek	calm/rippled	
29 Jun 2023	Midweek	calm/rippled	
30 Jun 2023	Midweek		choppy
01 Jul 2023	Weekend		choppy
02 Jul 2023	Weekend	choppy	
03 Jul 2023	Weekend		