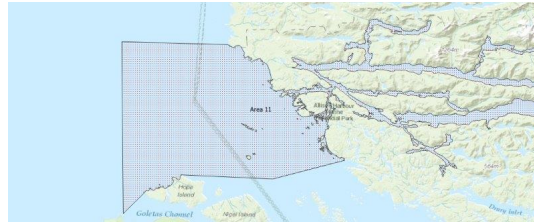


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 August 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	Bear Cove		Quarterdeck Marina	
		AM	PM	AM	PM
29 Jul 2022	Midweek				
30 Jul 2022	Weekend			7	
31 Jul 2022	Weekend		1		
01 Aug 2022	Weekend				7
02 Aug 2022	Midweek				
03 Aug 2022	Midweek			5	
04 Aug 2022	Midweek				
05 Aug 2022	Midweek				
06 Aug 2022	Weekend			9	
07 Aug 2022	Weekend				
08 Aug 2022	Midweek				10
09 Aug 2022	Midweek	1			
10 Aug 2022	Midweek	3			
11 Aug 2022	Midweek				
12 Aug 2022	Midweek				
13 Aug 2022	Weekend				13
14 Aug 2022	Weekend				
15 Aug 2022	Midweek		3		
16 Aug 2022	Midweek	1			
17 Aug 2022	Midweek				
18 Aug 2022	Midweek				
19 Aug 2022	Midweek				
20 Aug 2022	Weekend			5	
21 Aug 2022	Weekend	1			
22 Aug 2022	Midweek			5	
23 Aug 2022	Midweek				
24 Aug 2022	Midweek	2			
25 Aug 2022	Midweek				
26 Aug 2022	Midweek				
27 Aug 2022	Weekend				2
28 Aug 2022	Weekend				
29 Aug 2022	Midweek				
30 Aug 2022	Midweek				
31 Aug 2022	Midweek				
01 Sep 2022	Midweek				
02 Sep 2022	Midweek				
03 Sep 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-Jul-2022	Friday		6	15	8		3	18	1015	22
30-Jul-2022	Saturday	choppy	13	6	53		9			
31-Jul-2022	Sunday	choppy	5	3	19		2			
01-Aug-2022	Monday (B.C. Day)	frequent whitecaps	9	7	20					
02-Aug-2022	Tuesday		3		9					
03-Aug-2022	Wednesday	choppy	13	18	28		15			
04-Aug-2022	Thursday		3	2	1		1	13	0933	19
05-Aug-2022	Friday		6	3	10		2			
06-Aug-2022	Saturday	calm/rippled	14	13	16		2			
07-Aug-2022	Sunday		0					2	1141	3
08-Aug-2022	Monday	frequent whitecaps	13	14	15		2			
09-Aug-2022	Tuesday	choppy	3	6	1					
10-Aug-2022	Wednesday	choppy	4	7	5					
11-Aug-2022	Thursday		2	7	3					
12-Aug-2022	Friday		5	7	6		1	18	1136	21
13-Aug-2022	Saturday	choppy	18	14	30		5			
14-Aug-2022	Sunday		3	5	3		2	16	0936	20
15-Aug-2022	Monday	choppy	4	6	6					
16-Aug-2022	Tuesday	calm/rippled	5	5	5		1	15	1015	19
17-Aug-2022	Wednesday		1	1	2					
18-Aug-2022	Thursday		2		4					
19-Aug-2022	Friday		3	5	5		3			
20-Aug-2022	Saturday	calm/rippled	11	5	22		5			
21-Aug-2022	Sunday	calm/rippled	4	2			1			
22-Aug-2022	Monday	calm/rippled	6	3	8		11			
23-Aug-2022	Tuesday		2	4	2		1			
24-Aug-2022	Wednesday	calm/rippled	2		1					
25-Aug-2022	Thursday		4	2	7		2			
26-Aug-2022	Friday		0							
27-Aug-2022	Saturday	calm/rippled	3	2	11			4	0948	5
28-Aug-2022	Sunday		0							
29-Aug-2022	Monday		0							
30-Aug-2022	Tuesday		0							
31-Aug-2022	Wednesday		0							
01-Sep-2022	Thursday		0							
02-Sep-2022	Friday		0							
03-Sep-2022	Saturday		0							
	Totals	choppy	81	90	118		39	15*		20*
	Totals	choppy	62	48	102		15	7*		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	9	81	0.774	1.645		0.242	63	133		20
Midweek	20	22	440	1.111	1.457		0.481	489	641		212

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	August	358	779	145		251
2018	August	516	919	242	1	190
2019	August	454	562	163		99
2020	August	636	840	514		127
2021	August	449	824	339		148
2022	August	501	487	525		148
5-Yr Avg	August	483	785	281	1	163

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.

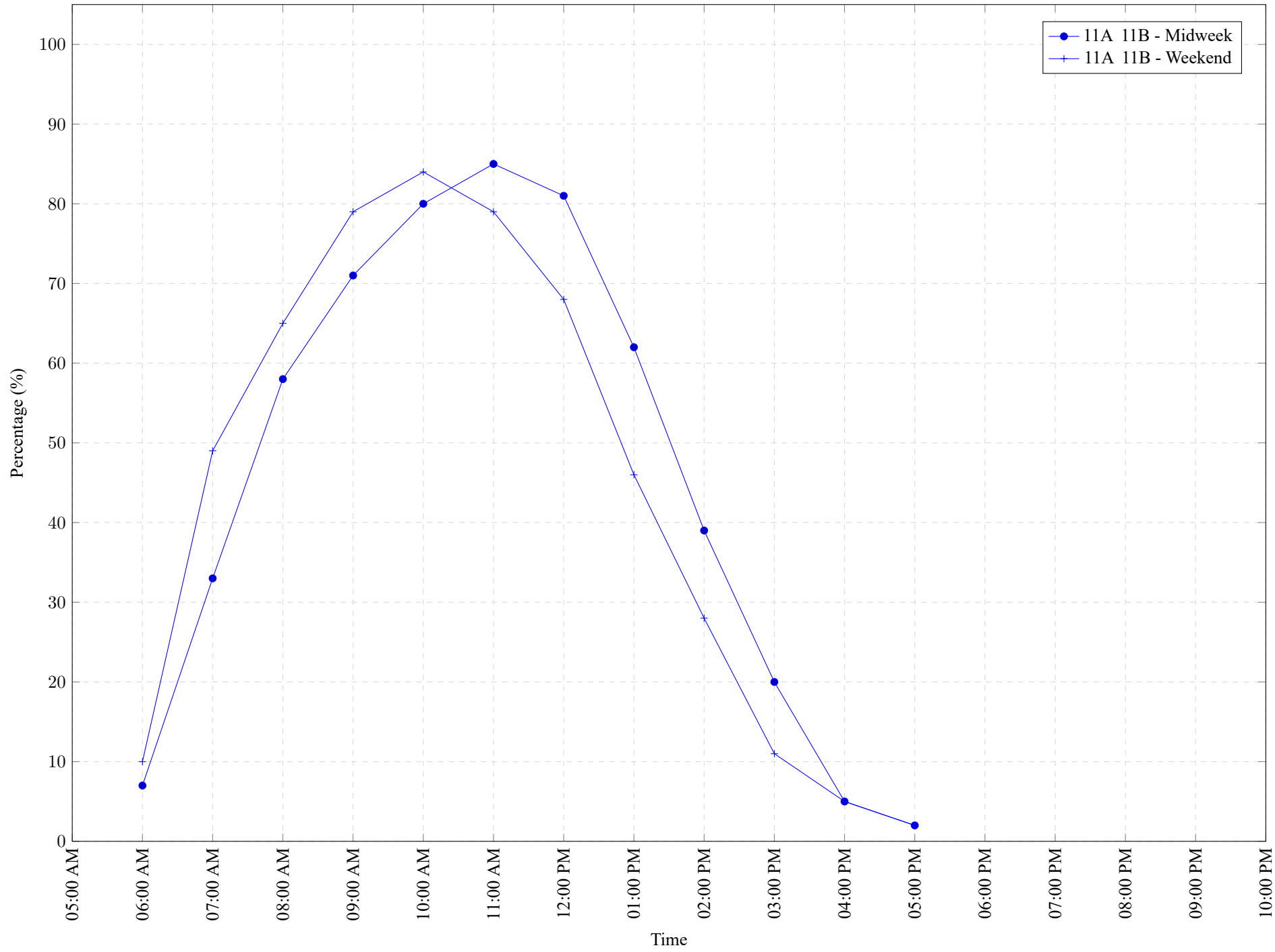


Table 7: Proportion of each day's fishing by hour.

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	7%	33%	58%	71%	80%	85%	81%	62%	39%	20%	5%	2%	0%	0%	0%	0%	0%
11A	11B	Weekend	10%	49%	65%	79%	84%	79%	68%	46%	28%	11%	5%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
29 Jul 2022	Midweek		
30 Jul 2022	Weekend		choppy
31 Jul 2022	Weekend	choppy	
01 Aug 2022	Weekend		frequent whitecaps
02 Aug 2022	Midweek		
03 Aug 2022	Midweek		choppy
04 Aug 2022	Midweek		
05 Aug 2022	Midweek		
06 Aug 2022	Weekend		calm/rippled
07 Aug 2022	Weekend		
08 Aug 2022	Midweek		frequent whitecaps
09 Aug 2022	Midweek	choppy	
10 Aug 2022	Midweek	choppy	
11 Aug 2022	Midweek		
12 Aug 2022	Midweek		
13 Aug 2022	Weekend		choppy
14 Aug 2022	Weekend		
15 Aug 2022	Midweek	choppy	
16 Aug 2022	Midweek	calm/rippled	
17 Aug 2022	Midweek		
18 Aug 2022	Midweek		
19 Aug 2022	Midweek		
20 Aug 2022	Weekend		calm/rippled
21 Aug 2022	Weekend	calm/rippled	
22 Aug 2022	Midweek		calm/rippled
23 Aug 2022	Midweek		
24 Aug 2022	Midweek	calm/rippled	
25 Aug 2022	Midweek		
26 Aug 2022	Midweek		
27 Aug 2022	Weekend		calm/rippled
28 Aug 2022	Weekend		
29 Aug 2022	Midweek		
30 Aug 2022	Midweek		
31 Aug 2022	Midweek		
01 Sep 2022	Midweek		
02 Sep 2022	Midweek		
03 Sep 2022	Weekend		