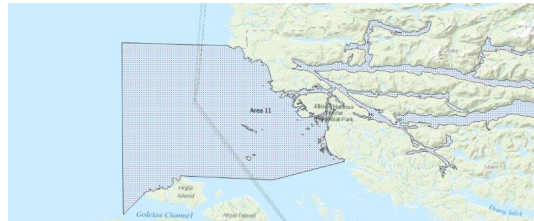


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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	Alder Bay Campsite	Bear Cove		Port McNeill Ramp	Quarterdeck Marina	
		PM	AM	PM	AM	AM	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						
04 Jun 2022	Weekend					3	
05 Jun 2022	Weekend		1				
06 Jun 2022	Midweek					4	
07 Jun 2022	Midweek						5
08 Jun 2022	Midweek						
09 Jun 2022	Midweek						
10 Jun 2022	Midweek						
11 Jun 2022	Weekend						
12 Jun 2022	Weekend						6
13 Jun 2022	Midweek						
14 Jun 2022	Midweek		1				
15 Jun 2022	Midweek						
16 Jun 2022	Midweek				1		
17 Jun 2022	Midweek						
18 Jun 2022	Weekend						
19 Jun 2022	Weekend						6
20 Jun 2022	Midweek			7			
21 Jun 2022	Midweek			6			
22 Jun 2022	Midweek			5			
23 Jun 2022	Midweek		2				
24 Jun 2022	Midweek		5				
25 Jun 2022	Weekend	1					
26 Jun 2022	Weekend			12			
27 Jun 2022	Midweek						8
28 Jun 2022	Midweek			11			
29 Jun 2022	Midweek					4	
30 Jun 2022	Midweek		5				
01 Jul 2022	Weekend					4	
02 Jul 2022	Weekend				3		
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							
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday	choppy	4	5			4			
05-Jun-2022	Sunday	frequent whitecaps	1					2	0950	3
06-Jun-2022	Monday	choppy	5	11			9			
07-Jun-2022	Tuesday	calm/rippled	6	43			11			
08-Jun-2022	Wednesday		0							
09-Jun-2022	Thursday		0					0	0928	0
10-Jun-2022	Friday		0							
11-Jun-2022	Saturday		0					5	0922	7
12-Jun-2022	Sunday	choppy	9	25			10			
13-Jun-2022	Monday		1	5						
14-Jun-2022	Tuesday	choppy	1	1						
15-Jun-2022	Wednesday		2	2			1	3	0937	4
16-Jun-2022	Thursday	choppy	3	4			2			
17-Jun-2022	Friday		2	8						
18-Jun-2022	Saturday		0					13	0947	19
19-Jun-2022	Sunday	calm/rippled	6	23	1		4			
20-Jun-2022	Monday	calm/rippled	9	9						
21-Jun-2022	Tuesday	choppy	8	3			2			
22-Jun-2022	Wednesday	choppy	6	27	1					
23-Jun-2022	Thursday	choppy	4	11			2			
24-Jun-2022	Friday	choppy	8	27			1	8	1127	10
25-Jun-2022	Saturday	calm/rippled	3	2						
26-Jun-2022	Sunday	choppy	16	30	9		6			
27-Jun-2022	Monday	calm/rippled	10	32	2		6			
28-Jun-2022	Tuesday	calm/rippled	13	25	3		2			
29-Jun-2022	Wednesday	choppy	4	12			5	9	1055	11
30-Jun-2022	Thursday	choppy	6	13	6					
01-Jul-2022	Friday (Canada Day)	choppy	6	11	2					
02-Jul-2022	Saturday	calm/rippled	4	10	3					
03-Jul-2022	Sunday		0							
	Totals	choppy	88	233	12		41	5*		6*
	Totals	choppy	39	85	10		24	7*		10*

* 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	10	8	80	2.179	0.256		0.615	174	20		49
Midweek	6	22	132	2.648	0.136		0.466	350	18		62

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	507	1808	191		501
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
5-Yr Avg	June	506	1376	53	9	408

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
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Figure 1: Proportion of each day's fishing by hour.

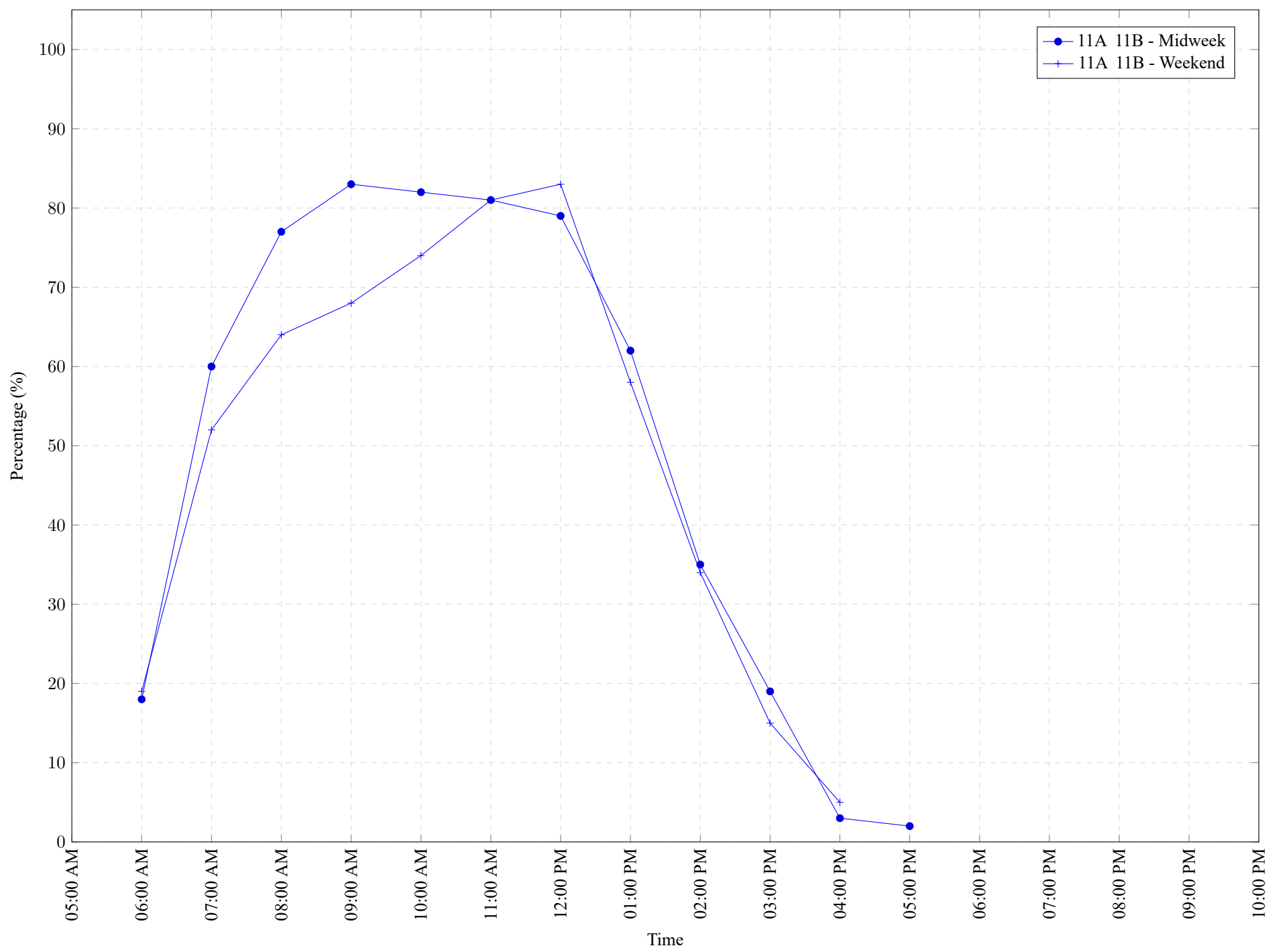


Table 7: Proportion of each day's fishing by hour.

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	18%	60%	77%	83%	82%	81%	79%	62%	35%	19%	3%	2%	0%	0%	0%	0%	0%
11A	11B	Weekend	19%	52%	64%	68%	74%	81%	83%	58%	34%	15%	5%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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