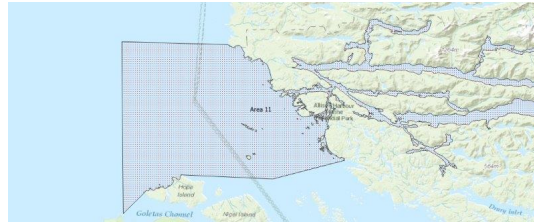


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 July 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 3rd February, 2022



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
28 Jun 2021	Midweek	2			
29 Jun 2021	Midweek				3
30 Jun 2021	Midweek				3
01 Jul 2021	Weekend				
02 Jul 2021	Midweek				
03 Jul 2021	Weekend				4
04 Jul 2021	Weekend			1	
05 Jul 2021	Midweek			3	
06 Jul 2021	Midweek				
07 Jul 2021	Midweek				
08 Jul 2021	Midweek				
09 Jul 2021	Midweek				
10 Jul 2021	Weekend				
11 Jul 2021	Weekend				
12 Jul 2021	Midweek			5	
13 Jul 2021	Midweek	3			
14 Jul 2021	Midweek				12
15 Jul 2021	Midweek				
16 Jul 2021	Midweek				
17 Jul 2021	Weekend		8		
18 Jul 2021	Weekend		11		
19 Jul 2021	Midweek				11
20 Jul 2021	Midweek			7	
21 Jul 2021	Midweek				13
22 Jul 2021	Midweek				
23 Jul 2021	Midweek				
24 Jul 2021	Weekend				1
25 Jul 2021	Weekend				3
26 Jul 2021	Midweek		4		
27 Jul 2021	Midweek		2		
28 Jul 2021	Midweek		3		
29 Jul 2021	Midweek				
30 Jul 2021	Midweek				
31 Jul 2021	Weekend			5	
01 Aug 2021	Weekend		2		
02 Aug 2021	Weekend				3
03 Aug 2021	Midweek				4

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
28-Jun-2021	Monday	calm/rippled	5	7			2	4	0933	6
29-Jun-2021	Tuesday	calm/rippled	8	10			1			
30-Jun-2021	Wednesday	choppy	4	2			1			
01-Jul-2021	Thursday (Canada Day)		5	4	1					
02-Jul-2021	Friday		5	1						
03-Jul-2021	Saturday	choppy	8	39	2		4	11	1016	14
04-Jul-2021	Sunday	choppy	5	14	3		3			
05-Jul-2021	Monday	choppy	5	5			1			
06-Jul-2021	Tuesday		1	3						
07-Jul-2021	Wednesday		2	3			3			
08-Jul-2021	Thursday		1	2	1					
09-Jul-2021	Friday		3	2			3			
10-Jul-2021	Saturday		5	5			1	19	1042	25
11-Jul-2021	Sunday		4	5			1			
12-Jul-2021	Monday	calm/rippled	8	20	9		10			
13-Jul-2021	Tuesday	choppy	7	13	4		6			
14-Jul-2021	Wednesday	choppy	17	77	3		16			
15-Jul-2021	Thursday		2	8	1		1	6	0932	10
16-Jul-2021	Friday		5	16			2			
17-Jul-2021	Saturday	calm/rippled	17	44	5		6			
18-Jul-2021	Sunday	calm/rippled	18	34	7		8	12	0940	16
19-Jul-2021	Monday	calm/rippled	21	68	6		6			
20-Jul-2021	Tuesday	calm/rippled	15	55	14		9			
21-Jul-2021	Wednesday	calm/rippled	21	94	7		16	24	0908	38
22-Jul-2021	Thursday		4	6			1			
23-Jul-2021	Friday		5	11	2		4			
24-Jul-2021	Saturday	calm/rippled	7	20	1		3			
25-Jul-2021	Sunday	calm/rippled	6	12	3					
26-Jul-2021	Monday	calm/rippled	9	15	7		8	5	0948	8
27-Jul-2021	Tuesday	calm/rippled	11	16	13		6	4	0937	6
28-Jul-2021	Wednesday	calm/rippled	6	15	2		3			
29-Jul-2021	Thursday		5	10	3		6			
30-Jul-2021	Friday		8	18	3		4			
31-Jul-2021	Saturday	calm/rippled	6	16	3		1			
01-Aug-2021	Sunday	frequent whitecaps	10	10	8		2			
02-Aug-2021	Monday (B.C. Day)	choppy	10	17	5		1			
03-Aug-2021	Tuesday	calm/rippled	7	11	3		1			
	Totals	calm/rippled	161	458	75		105	10*		16*
	Totals	calm/rippled	81	193	25		27	14*		18*

* 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
Midweek	16	21	336	2.845	0.466		0.652	956	157		219
Weekend	18	10	180	2.383	0.309		0.333	429	56		60

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	July	675	1413	131	1	596
2017	July	661	1877	290		601
2018	July	702	1589	156		420
2019	July	647	1265	59		117
2020	July	544	1193	393		281
2021	July	505	1211	207		178
5-Yr Avg	July	646	1467	206	1	403

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.

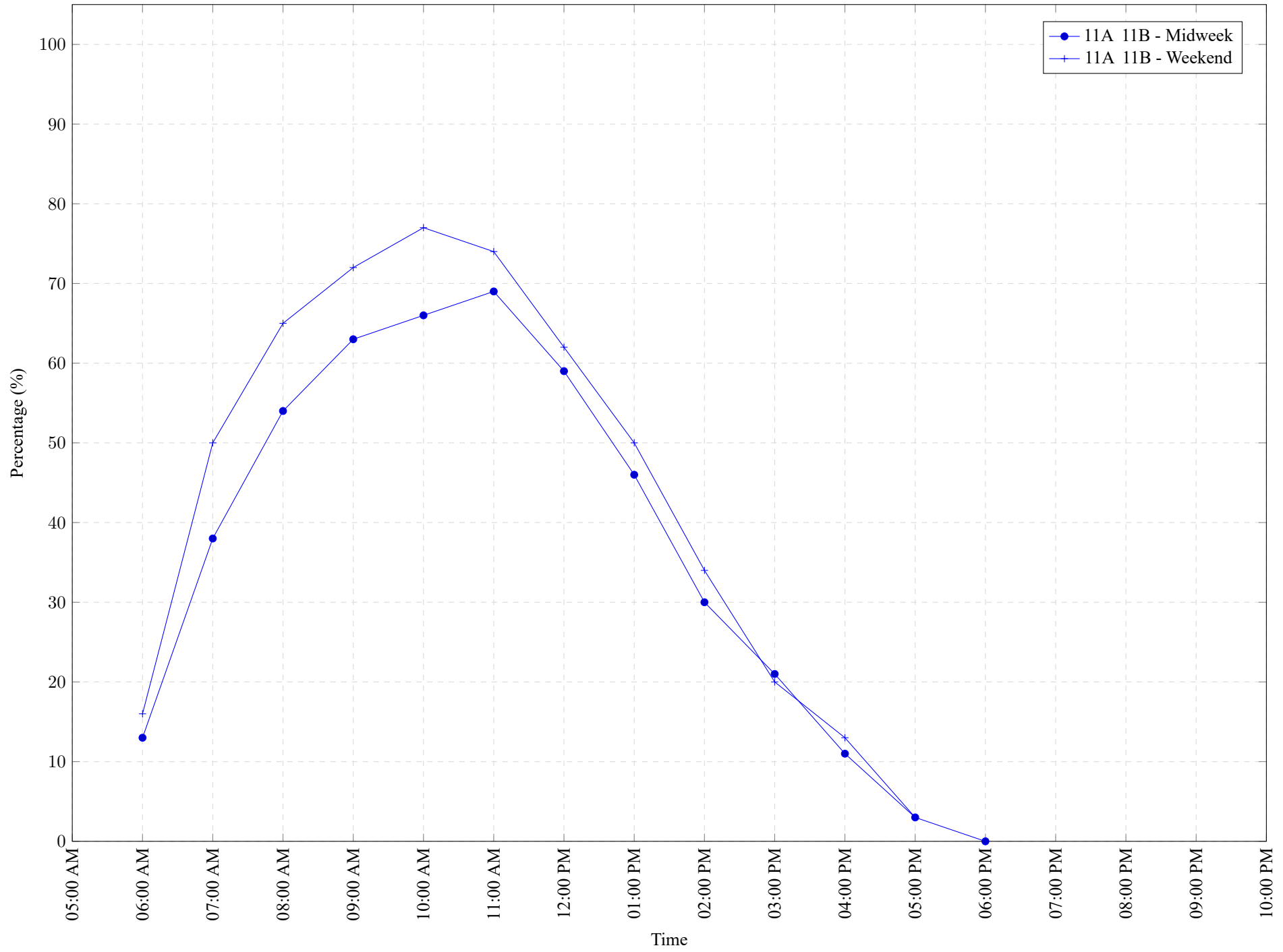


Table 7: Proportion of each day's fishing by hour.

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	13%	38%	54%	63%	66%	69%	59%	46%	30%	21%	11%	3%	0%	0%	0%	0%	0%
11A	11B	Weekend	16%	50%	65%	72%	77%	74%	62%	50%	34%	20%	13%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
28 Jun 2021	Midweek	calm/rippled	
29 Jun 2021	Midweek		calm/rippled
30 Jun 2021	Midweek		choppy
01 Jul 2021	Weekend		
02 Jul 2021	Midweek		
03 Jul 2021	Weekend		choppy
04 Jul 2021	Weekend		choppy
05 Jul 2021	Midweek		choppy
06 Jul 2021	Midweek		
07 Jul 2021	Midweek		
08 Jul 2021	Midweek		
09 Jul 2021	Midweek		
10 Jul 2021	Weekend		
11 Jul 2021	Weekend		
12 Jul 2021	Midweek		calm/rippled
13 Jul 2021	Midweek	choppy	
14 Jul 2021	Midweek		choppy
15 Jul 2021	Midweek		
16 Jul 2021	Midweek		
17 Jul 2021	Weekend	calm/rippled	
18 Jul 2021	Weekend	calm/rippled	
19 Jul 2021	Midweek		calm/rippled
20 Jul 2021	Midweek		calm/rippled
21 Jul 2021	Midweek		calm/rippled
22 Jul 2021	Midweek		
23 Jul 2021	Midweek		
24 Jul 2021	Weekend		calm/rippled
25 Jul 2021	Weekend		calm/rippled
26 Jul 2021	Midweek	calm/rippled	
27 Jul 2021	Midweek	calm/rippled	
28 Jul 2021	Midweek	calm/rippled	
29 Jul 2021	Midweek		
30 Jul 2021	Midweek		
31 Jul 2021	Weekend		calm/rippled
01 Aug 2021	Weekend	frequent whitecaps	
02 Aug 2021	Weekend		choppy
03 Aug 2021	Midweek		calm/rippled