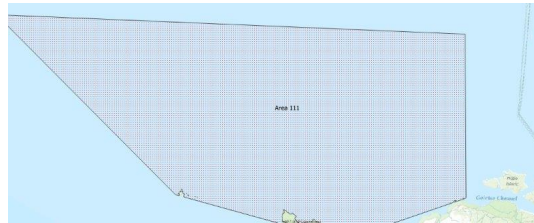


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 9th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo graphic for 'Your Catch Counts', featuring a stylized blue silhouette of a person holding a fishing rod, with a fish jumping out of the water.

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 2021	Weekend				
30 May 2021	Weekend				
31 May 2021	Midweek				
01 Jun 2021	Midweek				
02 Jun 2021	Midweek				
03 Jun 2021	Midweek				
04 Jun 2021	Midweek				
05 Jun 2021	Weekend				
06 Jun 2021	Weekend				
07 Jun 2021	Midweek				
08 Jun 2021	Midweek				
09 Jun 2021	Midweek				2
10 Jun 2021	Midweek				
11 Jun 2021	Midweek				
12 Jun 2021	Weekend				1
13 Jun 2021	Weekend				
14 Jun 2021	Midweek				
15 Jun 2021	Midweek		2		
16 Jun 2021	Midweek				
17 Jun 2021	Midweek				
18 Jun 2021	Midweek				
19 Jun 2021	Weekend				10
20 Jun 2021	Weekend			6	
21 Jun 2021	Midweek		3		
22 Jun 2021	Midweek	2			
23 Jun 2021	Midweek		3		
24 Jun 2021	Midweek				
25 Jun 2021	Midweek				
26 Jun 2021	Weekend				
27 Jun 2021	Weekend				13
28 Jun 2021	Midweek	7			
29 Jun 2021	Midweek				8
30 Jun 2021	Midweek				2
01 Jul 2021	Weekend				
02 Jul 2021	Midweek				
03 Jul 2021	Weekend				9

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-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday		0					4	1004	7
05-Jun-2021	Saturday		0							
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		0							
09-Jun-2021	Wednesday	frequent whitecaps	2	4			3			
10-Jun-2021	Thursday		0							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday	choppy	1	1	1		1			
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday		0							
15-Jun-2021	Tuesday	calm/rippled	2				2			
16-Jun-2021	Wednesday		0					20	1008	33
17-Jun-2021	Thursday		0							
18-Jun-2021	Friday		0					10	0954	15
19-Jun-2021	Saturday	choppy	10	18			11			
20-Jun-2021	Sunday	calm/rippled	7	5	1		8			
21-Jun-2021	Monday	calm/rippled	5	6			1			
22-Jun-2021	Tuesday	calm/rippled	2	4						
23-Jun-2021	Wednesday	frequent whitecaps	5	8	2		1			
24-Jun-2021	Thursday		0							
25-Jun-2021	Friday		0							
26-Jun-2021	Saturday		4	6	1		1			
27-Jun-2021	Sunday	calm/rippled	13	50	4		16			
28-Jun-2021	Monday	calm/rippled	9	21	3		2	21	0927	32
29-Jun-2021	Tuesday	calm/rippled	10	37	7		3			
30-Jun-2021	Wednesday	choppy	2	2	2					
01-Jul-2021	Thursday		0							
	(Canada Day)									
02-Jul-2021	Friday		0							
03-Jul-2021	Saturday	choppy	13	64	6		13	2	1010	3
	Totals	choppy	37	82	14		12	14*		22*
	Totals	choppy	35	80	7		37	*		*

* 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		8		2.286	0.2		1.057				
Midweek	22	22	484	2.216	0.378		0.324	1073	183		157

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	6	39			16
2019	June	620	1730	19		210
2020	June	39	171			6
2021	June	509	1157	237		158
5-Yr Avg	June	222	647	19		77

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	122	11%	1%	13	27%	8%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	71	54%
iRec Anglers	135	32%

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

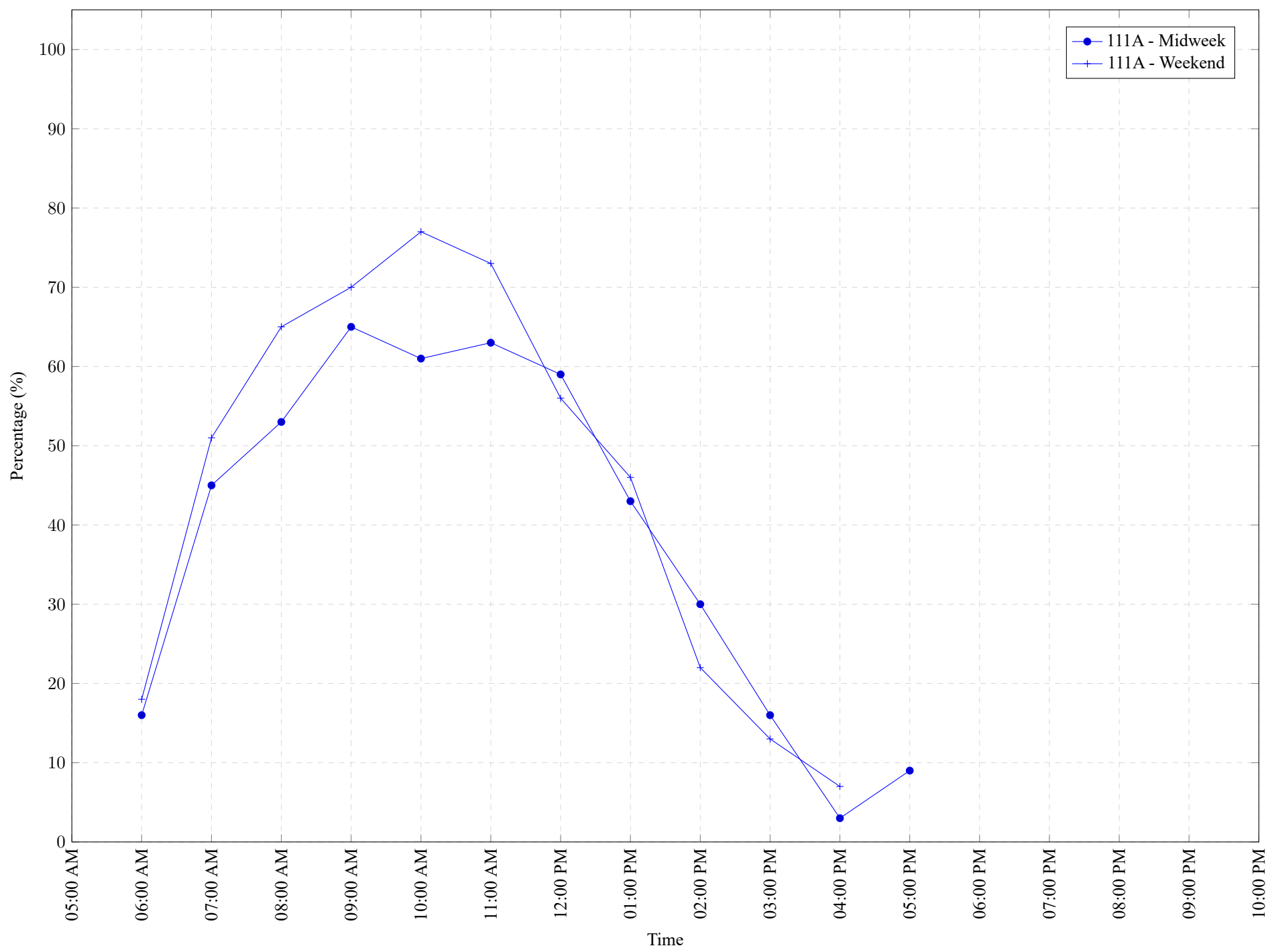


Table 7: Proportion of each day's fishing by hour.

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
111A	Midweek	16%	45%	53%	65%	61%	63%	59%	43%	30%	16%	3%	9%	0%	0%	0%	0%	0%
111A	Weekend	18%	51%	65%	70%	77%	73%	56%	46%	22%	13%	7%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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