

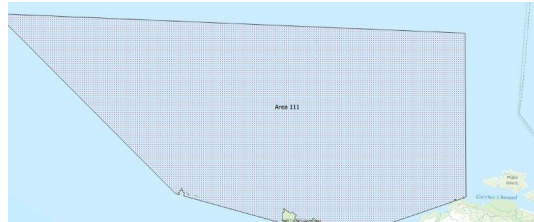
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 111 July 2020



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Saturday 13<sup>th</sup> February, 2021



Fisheries and Oceans  
Canada

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Canada



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

Date	Day Type	Bear Cove		Quarterdeck Marina		Winter Harbour Ramp PM
		AM	PM	AM	PM	
28 Jun 2020	Weekend					
29 Jun 2020	Midweek					
30 Jun 2020	Midweek					
01 Jul 2020	Weekend					
02 Jul 2020	Midweek					
03 Jul 2020	Midweek			5		
04 Jul 2020	Weekend		3			
05 Jul 2020	Weekend		2			
06 Jul 2020	Midweek				7	
07 Jul 2020	Midweek		2			
08 Jul 2020	Midweek					
09 Jul 2020	Midweek					
10 Jul 2020	Midweek					
11 Jul 2020	Weekend				15	
12 Jul 2020	Weekend				6	
13 Jul 2020	Midweek	2				
14 Jul 2020	Midweek		4		3	
15 Jul 2020	Midweek					
16 Jul 2020	Midweek					
17 Jul 2020	Midweek					
18 Jul 2020	Weekend	1				
19 Jul 2020	Weekend					
20 Jul 2020	Midweek					
21 Jul 2020	Midweek					
22 Jul 2020	Midweek					
23 Jul 2020	Midweek					
24 Jul 2020	Midweek					1
25 Jul 2020	Weekend					
26 Jul 2020	Weekend				4	
27 Jul 2020	Midweek					
28 Jul 2020	Midweek			1		
29 Jul 2020	Midweek					
30 Jul 2020	Midweek					
31 Jul 2020	Midweek					
01 Aug 2020	Weekend					
02 Aug 2020	Weekend					
03 Aug 2020	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
28-Jun-2020	Sunday		0							
29-Jun-2020	Monday		0					0	1038	0
30-Jun-2020	Tuesday		0							
01-Jul-2020	Wednesday (Canada Day)		0							
02-Jul-2020	Thursday		0							
03-Jul-2020	Friday	choppy	5	18	2		2			
04-Jul-2020	Saturday	choppy	3	6				4	0754	8
05-Jul-2020	Sunday	calm/rippled	2	4	1					
06-Jul-2020	Monday	calm/rippled	7	36	1		1			
07-Jul-2020	Tuesday	choppy	2	9				3	0922	5
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday		0							
10-Jul-2020	Friday		0							
11-Jul-2020	Saturday	calm/rippled	15	58	5		13			
12-Jul-2020	Sunday	calm/rippled	6	31	3		13			
13-Jul-2020	Monday	calm/rippled	2	6			4	3	0920	5
14-Jul-2020	Tuesday	calm/rippled	7	13			4			
15-Jul-2020	Wednesday		0							
16-Jul-2020	Thursday		0							
17-Jul-2020	Friday		0							
18-Jul-2020	Saturday	choppy	1	3			1	4	0919	5
19-Jul-2020	Sunday		0							
20-Jul-2020	Monday		0							
21-Jul-2020	Tuesday		0							
22-Jul-2020	Wednesday		0							
23-Jul-2020	Thursday		0							
24-Jul-2020	Friday	choppy	1	4						
25-Jul-2020	Saturday		0					7	0924	10
26-Jul-2020	Sunday	calm/rippled	4	9			3			
27-Jul-2020	Monday		0							
28-Jul-2020	Tuesday	choppy	1	1				0	1105	0
29-Jul-2020	Wednesday		0							
30-Jul-2020	Thursday		0							
31-Jul-2020	Friday		0							
01-Aug-2020	Saturday		0					2	1001	3
02-Aug-2020	Sunday		0							
03-Aug-2020	Monday (B.C. Day)		0							
	Totals	choppy	25	87	3		11	2*		3*
	Totals	calm/rippled	31	111	9		30	5*		8*

\* 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	9	72	3.5810	0.29		0.9680	258	21		70
Midweek	3	22	66	3.48	0.12		0.44	230	8		29

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	613	1426	80		194
2020	July	130	380	14		87
5-Yr Avg	July	613	1426	80		194

**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	20	6%	35%	41	42%	17%	7

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	119	72%
iRec Anglers	334	9%

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

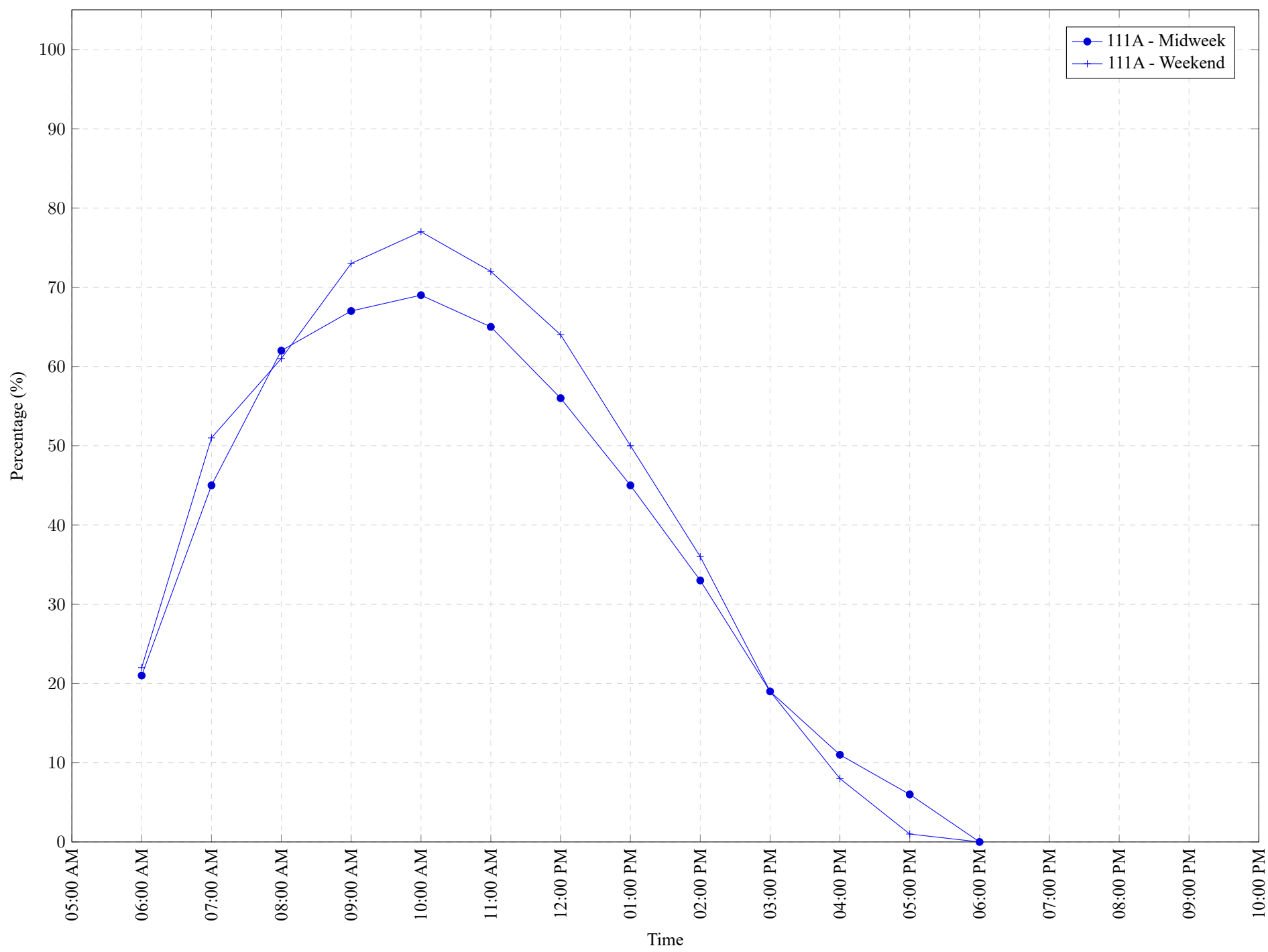


Table 7: Proportion of each day's fishing by hour.

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	21%	45%	62%	67%	69%	65%	56%	45%	33%	19%	11%	6%	0%	0%	0%	0%	0%
111A	Weekend	22%	51%	61%	73%	77%	72%	64%	50%	36%	19%	8%	1%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Bear Cove	Quarterdeck Marina	Winter Harbour Ramp
28 Jun 2020	Weekend			
29 Jun 2020	Midweek			
30 Jun 2020	Midweek			
01 Jul 2020	Weekend			
02 Jul 2020	Midweek			
03 Jul 2020	Midweek		choppy	
04 Jul 2020	Weekend	choppy		
05 Jul 2020	Weekend	calm/rippled		
06 Jul 2020	Midweek		calm/rippled	
07 Jul 2020	Midweek	choppy		
08 Jul 2020	Midweek			
09 Jul 2020	Midweek			
10 Jul 2020	Midweek			
11 Jul 2020	Weekend		calm/rippled	
12 Jul 2020	Weekend		calm/rippled	
13 Jul 2020	Midweek	calm/rippled		
14 Jul 2020	Midweek	calm/rippled	calm/rippled	
15 Jul 2020	Midweek			
16 Jul 2020	Midweek			
17 Jul 2020	Midweek			
18 Jul 2020	Weekend	choppy		
19 Jul 2020	Weekend			
20 Jul 2020	Midweek			
21 Jul 2020	Midweek			
22 Jul 2020	Midweek			
23 Jul 2020	Midweek			
24 Jul 2020	Midweek			choppy
25 Jul 2020	Weekend			
26 Jul 2020	Weekend		calm/rippled	
27 Jul 2020	Midweek			
28 Jul 2020	Midweek		choppy	
29 Jul 2020	Midweek			
30 Jul 2020	Midweek			
31 Jul 2020	Midweek			
01 Aug 2020	Weekend			
02 Aug 2020	Weekend			
03 Aug 2020	Weekend			