

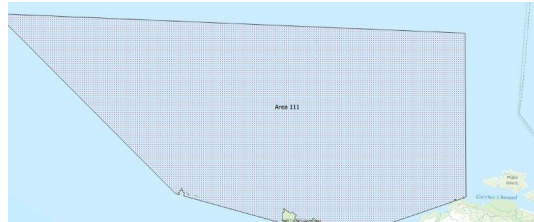
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 111 August 2022



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> January, 2023



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 AM	Quarterdeck Marina AM PM
29 Jul 2022	Midweek		
30 Jul 2022	Weekend		
31 Jul 2022	Weekend		
01 Aug 2022	Weekend		
02 Aug 2022	Midweek		
03 Aug 2022	Midweek		
04 Aug 2022	Midweek		
05 Aug 2022	Midweek		
06 Aug 2022	Weekend		
07 Aug 2022	Weekend		
08 Aug 2022	Midweek		
09 Aug 2022	Midweek		
10 Aug 2022	Midweek		
11 Aug 2022	Midweek		
12 Aug 2022	Midweek		
13 Aug 2022	Weekend		
14 Aug 2022	Weekend		
15 Aug 2022	Midweek		
16 Aug 2022	Midweek		
17 Aug 2022	Midweek		
18 Aug 2022	Midweek		
19 Aug 2022	Midweek		
20 Aug 2022	Weekend		
21 Aug 2022	Weekend	1	
22 Aug 2022	Midweek		1
23 Aug 2022	Midweek		
24 Aug 2022	Midweek		
25 Aug 2022	Midweek		
26 Aug 2022	Midweek		
27 Aug 2022	Weekend		1
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		1				1	2	1010	2
30-Jul-2022	Saturday		0							
31-Jul-2022	Sunday		1				2			
01-Aug-2022	Monday (B.C. Day)		0							
02-Aug-2022	Tuesday		0							
03-Aug-2022	Wednesday		0							
04-Aug-2022	Thursday		1				1	4	0929	6
05-Aug-2022	Friday		0							
06-Aug-2022	Saturday		0							
07-Aug-2022	Sunday		1				1	6	1136	8
08-Aug-2022	Monday		0							
09-Aug-2022	Tuesday		0							
10-Aug-2022	Wednesday		0							
11-Aug-2022	Thursday		0							
12-Aug-2022	Friday		0					0	1133	0
13-Aug-2022	Saturday		0							
14-Aug-2022	Sunday		0					1	0930	1
15-Aug-2022	Monday		0							
16-Aug-2022	Tuesday		0							
17-Aug-2022	Wednesday		1				1			
18-Aug-2022	Thursday		0							
19-Aug-2022	Friday		0							
20-Aug-2022	Saturday		0							
21-Aug-2022	Sunday	calm/rippled	2	4	3		5			
22-Aug-2022	Monday	calm/rippled	1	1	1					
23-Aug-2022	Tuesday		0							
24-Aug-2022	Wednesday		0							
25-Aug-2022	Thursday		0							
26-Aug-2022	Friday		0							
27-Aug-2022	Saturday	calm/rippled	1				4	1	0937	1
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	calm/rippled	3	1	1		2	2*		3*
	Totals	calm/rippled	4	4	3		10	3*		3*

\* 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	3	9	27	1	0.75		2.5	27	20		68
Midweek	3	22	66	0.333	0.333		0.667	22	22		44

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	154	258	28		54
2020	August	54	46	28		42
2021	August	265	686	256	0	120
2022	August	90	72	56		81
5-Yr Avg	August	158	330	104	0	72

**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
Creel Interivews	6	68%
iRec Anglers	145	75%

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

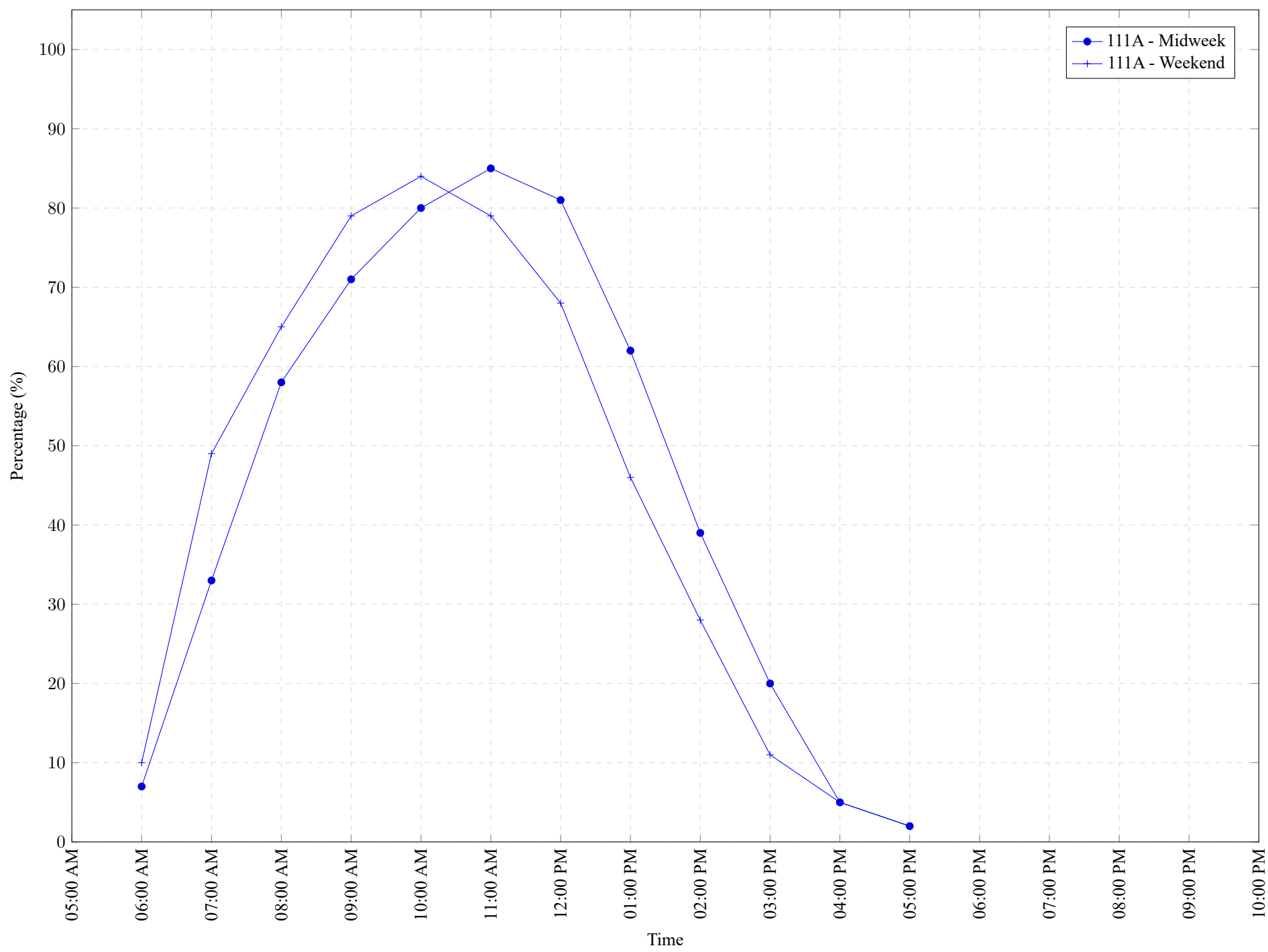


Table 7: Proportion of each day's fishing by hour.

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	7%	33%	58%	71%	80%	85%	81%	62%	39%	20%	5%	2%	0%	0%	0%	0%	0%
111A	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		
31 Jul 2022	Weekend		
01 Aug 2022	Weekend		
02 Aug 2022	Midweek		
03 Aug 2022	Midweek		
04 Aug 2022	Midweek		
05 Aug 2022	Midweek		
06 Aug 2022	Weekend		
07 Aug 2022	Weekend		
08 Aug 2022	Midweek		
09 Aug 2022	Midweek		
10 Aug 2022	Midweek		
11 Aug 2022	Midweek		
12 Aug 2022	Midweek		
13 Aug 2022	Weekend		
14 Aug 2022	Weekend		
15 Aug 2022	Midweek		
16 Aug 2022	Midweek		
17 Aug 2022	Midweek		
18 Aug 2022	Midweek		
19 Aug 2022	Midweek		
20 Aug 2022	Weekend		
21 Aug 2022	Weekend	calm/rippled	
22 Aug 2022	Midweek		calm/rippled
23 Aug 2022	Midweek		
24 Aug 2022	Midweek		
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		