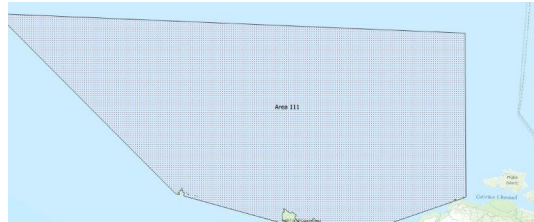


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 2024



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
29 Jul 2024	Midweek				
30 Jul 2024	Midweek				
31 Jul 2024	Midweek				
01 Aug 2024	Midweek	1			
02 Aug 2024	Midweek			1	
03 Aug 2024	Weekend			2	
04 Aug 2024	Weekend				
05 Aug 2024	Weekend				
06 Aug 2024	Midweek				
07 Aug 2024	Midweek		1		
08 Aug 2024	Midweek				
09 Aug 2024	Midweek			2	
10 Aug 2024	Weekend				
11 Aug 2024	Weekend				
12 Aug 2024	Midweek				
13 Aug 2024	Midweek				
14 Aug 2024	Midweek				4
15 Aug 2024	Midweek				
16 Aug 2024	Midweek				
17 Aug 2024	Weekend				1
18 Aug 2024	Weekend				
19 Aug 2024	Midweek				
20 Aug 2024	Midweek				
21 Aug 2024	Midweek				
22 Aug 2024	Midweek				
23 Aug 2024	Midweek	2			
24 Aug 2024	Weekend				
25 Aug 2024	Weekend				
26 Aug 2024	Midweek				
27 Aug 2024	Midweek				
28 Aug 2024	Midweek				
29 Aug 2024	Midweek				
30 Aug 2024	Midweek				
31 Aug 2024	Weekend				
01 Sep 2024	Weekend				
02 Sep 2024	Weekend				
03 Sep 2024	Midweek				

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-2024	Monday		0							
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday		1				1			
01-Aug-2024	Thursday	calm/rippled	1		1					
02-Aug-2024	Friday	calm/rippled	1	1				3	0918	4
03-Aug-2024	Saturday	calm/rippled	2	4	1					
04-Aug-2024	Sunday		0					2	0901	3
05-Aug-2024	Monday (B.C. Day)		0							
06-Aug-2024	Tuesday		1				2			
07-Aug-2024	Wednesday	calm/rippled	1	2	1		4			
08-Aug-2024	Thursday		0							
09-Aug-2024	Friday	calm/rippled	2	7	1		1			
10-Aug-2024	Saturday		0							
11-Aug-2024	Sunday		0					0	0909	0
12-Aug-2024	Monday		1				1			
13-Aug-2024	Tuesday		0							
14-Aug-2024	Wednesday	calm/rippled	4	14	4					
15-Aug-2024	Thursday		0							
16-Aug-2024	Friday		0					3	0858	5
17-Aug-2024	Saturday	calm/rippled	1		2					
18-Aug-2024	Sunday		1				2	3	0844	6
19-Aug-2024	Monday		0							
20-Aug-2024	Tuesday		0							
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday		0							
23-Aug-2024	Friday	calm/rippled	2							
24-Aug-2024	Saturday		0							
25-Aug-2024	Sunday		0							
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday		0							
29-Aug-2024	Thursday		0							
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday		0							
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0							
03-Sep-2024	Tuesday		0							
	Totals	calm/rippled	13	24	7		8	3*		5*
	Totals	calm/rippled	4	4	3		2	2*		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	10	30	1	0.75		0.5	30	23		15
Midweek	5	21	105	1.846	0.538		0.615	194	56		65

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
2023	August	5	5	1		4
2024	August	119	233	86		43
5-Yr Avg	August	114	213	74	0	60

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	15	64%
iRec Anglers	219	74%

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

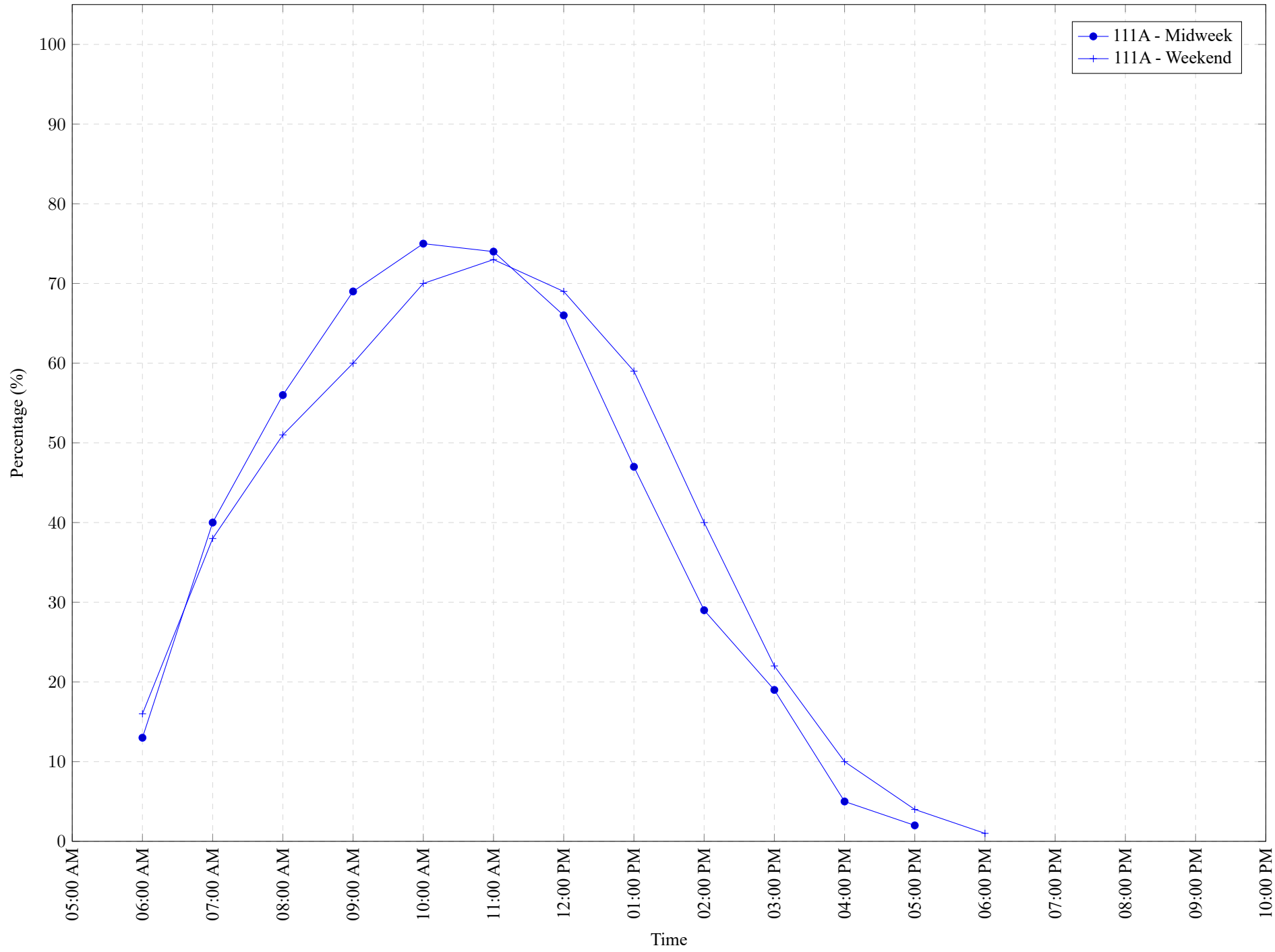


Table 7: Proportion of each day's fishing by hour.

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	13%	40%	56%	69%	75%	74%	66%	47%	29%	19%	5%	2%	0%	0%	0%	0%	0%
111A	Weekend	16%	38%	51%	60%	70%	73%	69%	59%	40%	22%	10%	4%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
29 Jul 2024	Midweek		
30 Jul 2024	Midweek		
31 Jul 2024	Midweek		
01 Aug 2024	Midweek	calm/rippled	
02 Aug 2024	Midweek		calm/rippled
03 Aug 2024	Weekend		calm/rippled
04 Aug 2024	Weekend		
05 Aug 2024	Weekend		
06 Aug 2024	Midweek		
07 Aug 2024	Midweek	calm/rippled	
08 Aug 2024	Midweek		
09 Aug 2024	Midweek		calm/rippled
10 Aug 2024	Weekend		
11 Aug 2024	Weekend		
12 Aug 2024	Midweek		
13 Aug 2024	Midweek		
14 Aug 2024	Midweek		calm/rippled
15 Aug 2024	Midweek		
16 Aug 2024	Midweek		
17 Aug 2024	Weekend		calm/rippled
18 Aug 2024	Weekend		
19 Aug 2024	Midweek		
20 Aug 2024	Midweek		
21 Aug 2024	Midweek		
22 Aug 2024	Midweek		
23 Aug 2024	Midweek	calm/rippled	
24 Aug 2024	Weekend		
25 Aug 2024	Weekend		
26 Aug 2024	Midweek		
27 Aug 2024	Midweek		
28 Aug 2024	Midweek		
29 Aug 2024	Midweek		
30 Aug 2024	Midweek		
31 Aug 2024	Weekend		
01 Sep 2024	Weekend		
02 Sep 2024	Weekend		
03 Sep 2024	Midweek		