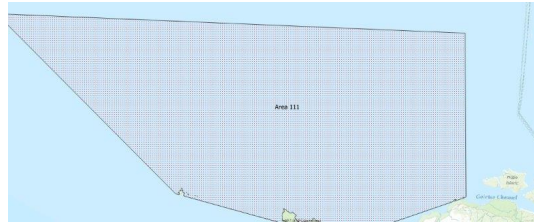


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 August 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 16th 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 PM	Quarter-deck Marina PM
29 Jul 2020	Midweek		
30 Jul 2020	Midweek		
31 Jul 2020	Midweek		
01 Aug 2020	Weekend		
02 Aug 2020	Weekend		
03 Aug 2020	Weekend		
04 Aug 2020	Midweek	1	
05 Aug 2020	Midweek		1
06 Aug 2020	Midweek		
07 Aug 2020	Midweek		1
08 Aug 2020	Weekend	1	
09 Aug 2020	Weekend		
10 Aug 2020	Midweek		
11 Aug 2020	Midweek		
12 Aug 2020	Midweek		
13 Aug 2020	Midweek		
14 Aug 2020	Midweek		
15 Aug 2020	Weekend		2
16 Aug 2020	Weekend		
17 Aug 2020	Midweek		
18 Aug 2020	Midweek		
19 Aug 2020	Midweek		
20 Aug 2020	Midweek		
21 Aug 2020	Midweek		
22 Aug 2020	Weekend		
23 Aug 2020	Weekend		
24 Aug 2020	Midweek		
25 Aug 2020	Midweek		
26 Aug 2020	Midweek		
27 Aug 2020	Midweek		
28 Aug 2020	Midweek		
29 Aug 2020	Weekend		4
30 Aug 2020	Weekend		
31 Aug 2020	Midweek		
01 Sep 2020	Midweek		
02 Sep 2020	Midweek		
03 Sep 2020	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-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							
04-Aug-2020	Tuesday	calm/rippled	1	1			1			
05-Aug-2020	Wednesday	frequent whitecaps	1					1	0957	1
06-Aug-2020	Thursday		0							
07-Aug-2020	Friday	choppy	1							
08-Aug-2020	Saturday	choppy	1	1						
09-Aug-2020	Sunday		0							
10-Aug-2020	Monday		0							
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday		0							
13-Aug-2020	Thursday		0					2	1000	3
14-Aug-2020	Friday		0							
15-Aug-2020	Saturday	calm/rippled	2		2		2	3	0917	5
16-Aug-2020	Sunday		0							
17-Aug-2020	Monday		0							
18-Aug-2020	Tuesday		0							
19-Aug-2020	Wednesday		0							
20-Aug-2020	Thursday		0							
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday		0					0	1035	0
23-Aug-2020	Sunday		0							
24-Aug-2020	Monday		0							
25-Aug-2020	Tuesday		0							
26-Aug-2020	Wednesday		0					0	0935	0
27-Aug-2020	Thursday		0							
28-Aug-2020	Friday		0							
29-Aug-2020	Saturday		0							
30-Aug-2020	Sunday	frequent whitecaps	4	1	2					
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	choppy	3	1			1	1*		1*
	Totals	choppy	7	2	4		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
Midweek	1	20	20	0.3330			0.3330	7			7
Weekend	3	11	33	0.2860	0.5710		0.2860	9	19		9

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
5-Yr Avg	August	154	258	28		54

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	20	43%
iRec Anglers	67	89%

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

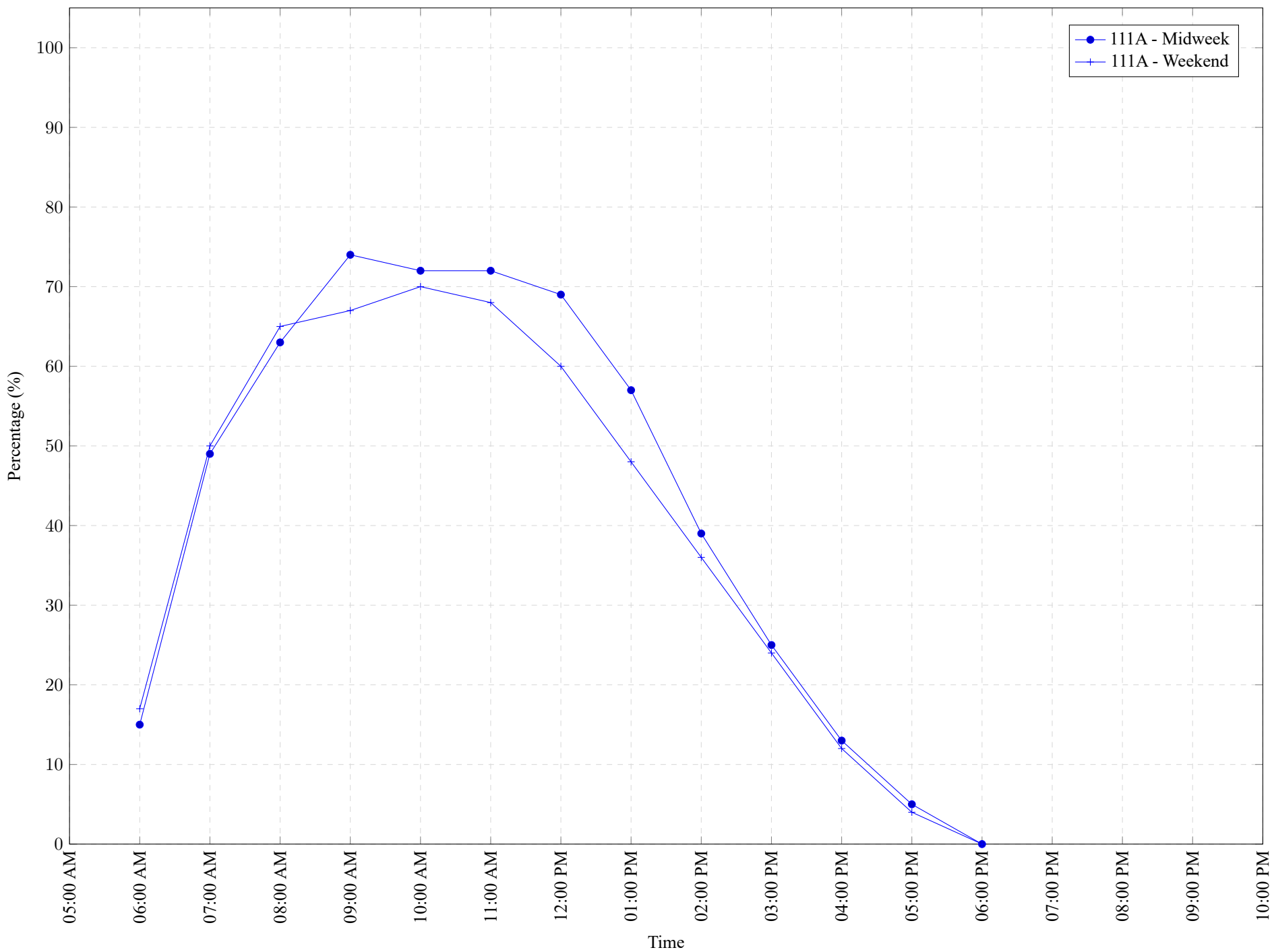


Table 7: Proportion of each day's fishing by hour.

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	15%	49%	63%	74%	72%	72%	69%	57%	39%	25%	13%	5%	0%	0%	0%	0%	0%
111A	Weekend	17%	50%	65%	67%	70%	68%	60%	48%	36%	24%	12%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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