

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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 2019	Midweek				
30 May 2019	Midweek				
31 May 2019	Midweek				
01 Jun 2019	Weekend				
02 Jun 2019	Weekend				
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek	1			
06 Jun 2019	Midweek				2
07 Jun 2019	Midweek			2	
08 Jun 2019	Weekend		4		
09 Jun 2019	Weekend				4
10 Jun 2019	Midweek				3
11 Jun 2019	Midweek				
12 Jun 2019	Midweek				
13 Jun 2019	Midweek				
14 Jun 2019	Midweek				2
15 Jun 2019	Weekend	3			
16 Jun 2019	Weekend				
17 Jun 2019	Midweek				2
18 Jun 2019	Midweek		6		
19 Jun 2019	Midweek				
20 Jun 2019	Midweek				
21 Jun 2019	Midweek				
22 Jun 2019	Weekend				4
23 Jun 2019	Weekend		13		
24 Jun 2019	Midweek				6
25 Jun 2019	Midweek				7
26 Jun 2019	Midweek				
27 Jun 2019	Midweek				
28 Jun 2019	Midweek			3	
29 Jun 2019	Weekend			2	
30 Jun 2019	Weekend	5			
01 Jul 2019	Weekend			6	
02 Jul 2019	Midweek		5		
03 Jul 2019	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-May-2019	Wednesday		2	7			2			
30-May-2019	Thursday		2	6			2			
31-May-2019	Friday		0							
01-Jun-2019	Saturday		0							
02-Jun-2019	Sunday		0							
03-Jun-2019	Monday		1	5			4			
04-Jun-2019	Tuesday		1				2			
05-Jun-2019	Wednesday	calm/rippled	1	1						
06-Jun-2019	Thursday	calm/rippled	5	10			2			
07-Jun-2019	Friday	calm/rippled	2	1						
08-Jun-2019	Saturday	calm/rippled	4	4						
09-Jun-2019	Sunday	choppy	5	18			6			
10-Jun-2019	Monday	calm/rippled	8	37			6			
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday		0							
13-Jun-2019	Thursday		1	2						
14-Jun-2019	Friday	choppy	8	22	3			17	1035	36
15-Jun-2019	Saturday	calm/rippled	5	25			3			
16-Jun-2019	Sunday		1	2						
17-Jun-2019	Monday	calm/rippled	10	35						
18-Jun-2019	Tuesday	choppy	7	14	1		7			
19-Jun-2019	Wednesday		1	6						
20-Jun-2019	Thursday		1	4						
21-Jun-2019	Friday		6	37	1		1			
22-Jun-2019	Saturday	calm/rippled	14	55	1		12			
23-Jun-2019	Sunday	calm/rippled	22	48			15			
24-Jun-2019	Monday	calm/rippled	17	37	1		16			
25-Jun-2019	Tuesday	calm/rippled	18	53	1		13			
26-Jun-2019	Wednesday		6	25	1		2			
27-Jun-2019	Thursday		5	23			3			
28-Jun-2019	Friday	calm/rippled	12	40			14	8	0954	20
29-Jun-2019	Saturday	calm/rippled	13	64	1		5			
30-Jun-2019	Sunday	calm/rippled	14	49			1	8	0947	17
01-Jul-2019	Monday (Canada Day)	calm/rippled	11	40			7			
02-Jul-2019	Tuesday	calm/rippled	6	20			2			
03-Jul-2019	Wednesday		0					4	1125	8
	Totals	calm/rippled	110	352	8		70	13*		28*
	Totals	calm/rippled	78	265	2		42	8*		17*

* 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	17	10	170	3.3970	0.0260		0.5380	577	4		91
Midweek	28	20	560	3.20	0.0730		0.6360	1792	41		356

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	273	1022	38		286
2015	June	402	1031	152		402
2016	June	382	1184	8		414
2017	June	507	1808	191		501
2018	June	813	2291	27	9	972
2019	June	677	1766	34		235
5-Yr Avg	June	475	1467	83	9	515

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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
-------------	--------------------------	-------------------

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

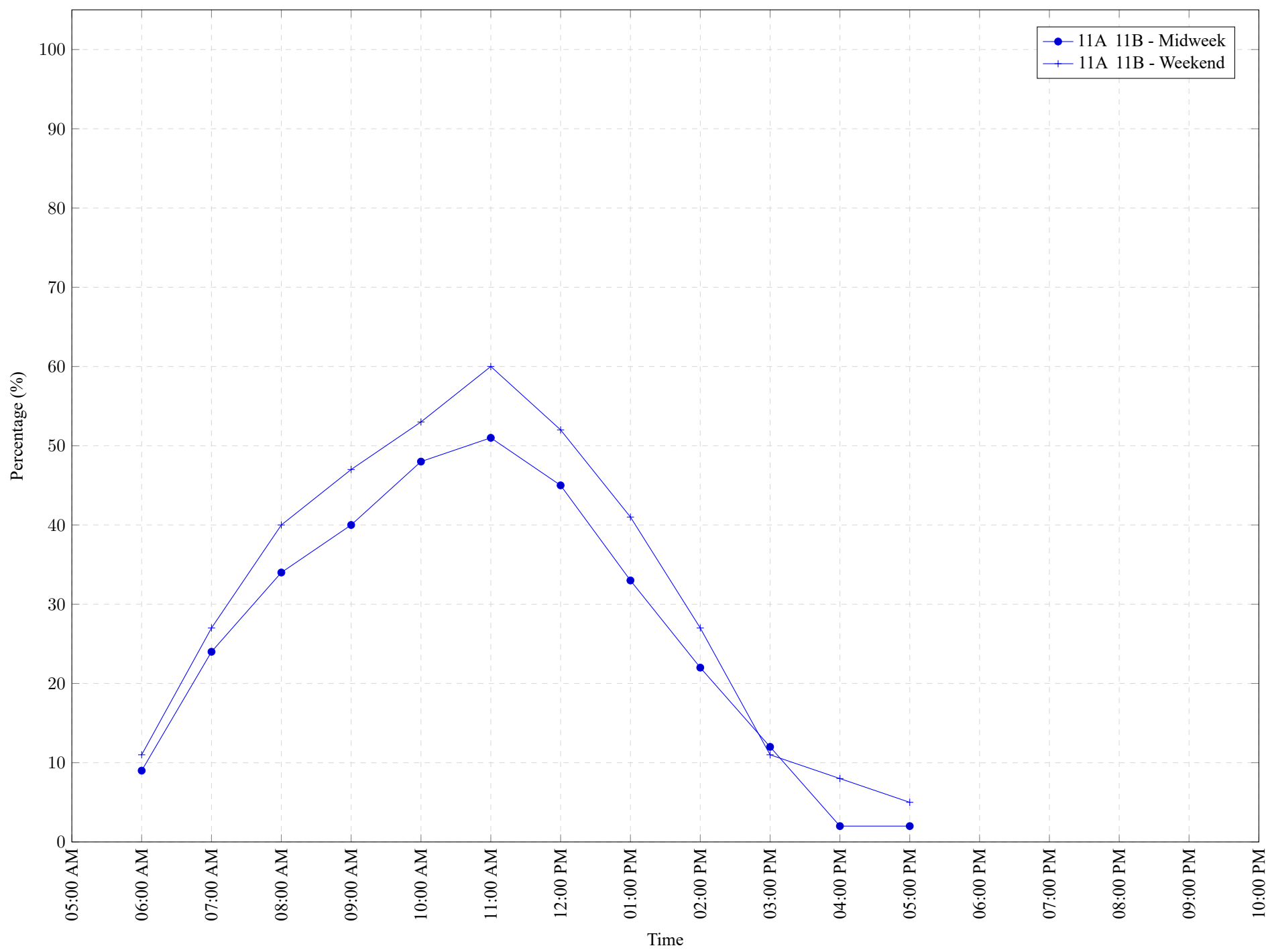


Table 7: Proportion of each day's fishing by hour.

Areas		Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
11A	11B	Midweek	9%	24%	34%	40%	48%	51%	45%	33%	22%	12%	2%	2%	0%	0%	0%	0%	0%
11A	11B	Weekend	11%	27%	40%	47%	53%	60%	52%	41%	27%	11%	8%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
29 May 2019	Midweek		
30 May 2019	Midweek		
31 May 2019	Midweek		
01 Jun 2019	Weekend		
02 Jun 2019	Weekend		
03 Jun 2019	Midweek		
04 Jun 2019	Midweek		
05 Jun 2019	Midweek	calm/rippled	
06 Jun 2019	Midweek		calm/rippled
07 Jun 2019	Midweek		calm/rippled
08 Jun 2019	Weekend	calm/rippled	
09 Jun 2019	Weekend		choppy
10 Jun 2019	Midweek		calm/rippled
11 Jun 2019	Midweek		
12 Jun 2019	Midweek		
13 Jun 2019	Midweek		
14 Jun 2019	Midweek		choppy
15 Jun 2019	Weekend	calm/rippled	
16 Jun 2019	Weekend		
17 Jun 2019	Midweek		calm/rippled
18 Jun 2019	Midweek	choppy	
19 Jun 2019	Midweek		
20 Jun 2019	Midweek		
21 Jun 2019	Midweek		
22 Jun 2019	Weekend		calm/rippled
23 Jun 2019	Weekend	calm/rippled	
24 Jun 2019	Midweek		calm/rippled
25 Jun 2019	Midweek		calm/rippled
26 Jun 2019	Midweek		
27 Jun 2019	Midweek		
28 Jun 2019	Midweek		calm/rippled
29 Jun 2019	Weekend		calm/rippled
30 Jun 2019	Weekend	calm/rippled	
01 Jul 2019	Weekend		calm/rippled
02 Jul 2019	Midweek	calm/rippled	
03 Jul 2019	Midweek		