

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 September 2020



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 11th November, 2020



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Canada

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Canada

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

Date	Day Type	Big Rock Boat Rental	Discov- ery Marina South	Pacific Play		Westview
		PM	PM	AM	PM	AM
29 Aug 2020	Weekend					
30 Aug 2020	Weekend			1		18
31 Aug 2020	Midweek					2
01 Sep 2020	Midweek					
02 Sep 2020	Midweek					
03 Sep 2020	Midweek			1		
04 Sep 2020	Midweek					
05 Sep 2020	Weekend					
06 Sep 2020	Weekend					
07 Sep 2020	Weekend					
08 Sep 2020	Midweek					
09 Sep 2020	Midweek					
10 Sep 2020	Midweek					
11 Sep 2020	Midweek	1				
12 Sep 2020	Weekend					
13 Sep 2020	Weekend		1			
14 Sep 2020	Midweek					
15 Sep 2020	Midweek					
16 Sep 2020	Midweek					
17 Sep 2020	Midweek					
18 Sep 2020	Midweek				1	
19 Sep 2020	Weekend					
20 Sep 2020	Weekend					
21 Sep 2020	Midweek					
22 Sep 2020	Midweek					
23 Sep 2020	Midweek					
24 Sep 2020	Midweek					
25 Sep 2020	Midweek					
26 Sep 2020	Weekend					
27 Sep 2020	Weekend					
28 Sep 2020	Midweek					
29 Sep 2020	Midweek					
30 Sep 2020	Midweek		1			
01 Oct 2020	Midweek					
02 Oct 2020	Midweek					
03 Oct 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
29-Aug-2020	Saturday		0					7	0912	
30-Aug-2020	Sunday	choppy	19	3						
31-Aug-2020	Monday	calm/rippled	2							
01-Sep-2020	Tuesday		0					19	1130	
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday	calm/rippled	1							
04-Sep-2020	Friday		0							
05-Sep-2020	Saturday		0							
06-Sep-2020	Sunday		0					26	1125	
07-Sep-2020	Monday (Labour Day)		0							
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday		0							
10-Sep-2020	Thursday		0					12	1115	
11-Sep-2020	Friday	choppy	1							
12-Sep-2020	Saturday		0							
13-Sep-2020	Sunday	choppy	1	1						
14-Sep-2020	Monday		0							
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0					3	1227	
17-Sep-2020	Thursday		0							
18-Sep-2020	Friday	calm/rippled	1							
19-Sep-2020	Saturday		0					23	1113	
20-Sep-2020	Sunday		0					3	1219	
21-Sep-2020	Monday		0					5	1036	
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday		0					4	1113	
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday		0					0	1335	
29-Sep-2020	Tuesday		0							
30-Sep-2020	Wednesday	choppy	1	1						
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday		0							
03-Oct-2020	Saturday		0							
	Totals	choppy	4	1				8*		*
	Totals	choppy	1	1				14*		*

* 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		21		0.25							
Weekend		9		1							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	September	911	404	1901		
2016	September	1520	838	137		
2017	September	701	157	66		
2018	September	582	41			
2019	September	1255	736	144		0
5-Yr Avg	September	994	435	562		0

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
iRec Anglers	2957	5%

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

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Discovery Marina South	Pacific Play	Westview
29 Aug 2020	Weekend				
30 Aug 2020	Weekend			calm/rippled	choppy
31 Aug 2020	Midweek				calm/rippled
01 Sep 2020	Midweek				
02 Sep 2020	Midweek				
03 Sep 2020	Midweek			calm/rippled	
04 Sep 2020	Midweek				
05 Sep 2020	Weekend				
06 Sep 2020	Weekend				
07 Sep 2020	Weekend				
08 Sep 2020	Midweek				
09 Sep 2020	Midweek				
10 Sep 2020	Midweek				
11 Sep 2020	Midweek	choppy			
12 Sep 2020	Weekend				
13 Sep 2020	Weekend		choppy		
14 Sep 2020	Midweek				
15 Sep 2020	Midweek				
16 Sep 2020	Midweek				
17 Sep 2020	Midweek				
18 Sep 2020	Midweek			calm/rippled	
19 Sep 2020	Weekend				
20 Sep 2020	Weekend				
21 Sep 2020	Midweek				
22 Sep 2020	Midweek				
23 Sep 2020	Midweek				
24 Sep 2020	Midweek				
25 Sep 2020	Midweek				
26 Sep 2020	Weekend				
27 Sep 2020	Weekend				
28 Sep 2020	Midweek				
29 Sep 2020	Midweek				
30 Sep 2020	Midweek		choppy		
01 Oct 2020	Midweek				
02 Oct 2020	Midweek				
03 Oct 2020	Weekend				