

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 10 July 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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 PM	Quarterdeck Marina	
			AM	PM
28 Jun 2020	Weekend			
29 Jun 2020	Midweek			
30 Jun 2020	Midweek			
01 Jul 2020	Weekend			
02 Jul 2020	Midweek			
03 Jul 2020	Midweek			
04 Jul 2020	Weekend			
05 Jul 2020	Weekend			
06 Jul 2020	Midweek			
07 Jul 2020	Midweek			
08 Jul 2020	Midweek			
09 Jul 2020	Midweek			
10 Jul 2020	Midweek			
11 Jul 2020	Weekend			
12 Jul 2020	Weekend			
13 Jul 2020	Midweek			
14 Jul 2020	Midweek			
15 Jul 2020	Midweek			
16 Jul 2020	Midweek			
17 Jul 2020	Midweek			
18 Jul 2020	Weekend			
19 Jul 2020	Weekend			
20 Jul 2020	Midweek			
21 Jul 2020	Midweek			
22 Jul 2020	Midweek			
23 Jul 2020	Midweek			
24 Jul 2020	Midweek			1
25 Jul 2020	Weekend			
26 Jul 2020	Weekend			2
27 Jul 2020	Midweek			
28 Jul 2020	Midweek		2	
29 Jul 2020	Midweek			
30 Jul 2020	Midweek			
31 Jul 2020	Midweek			
01 Aug 2020	Weekend	1		
02 Aug 2020	Weekend			
03 Aug 2020	Weekend			3

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
28-Jun-2020	Sunday		0							
29-Jun-2020	Monday		0							
30-Jun-2020	Tuesday		0							
01-Jul-2020	Wednesday (Canada Day)		0							
02-Jul-2020	Thursday		0							
03-Jul-2020	Friday		0							
04-Jul-2020	Saturday		0							
05-Jul-2020	Sunday		0							
06-Jul-2020	Monday		0							
07-Jul-2020	Tuesday		0							
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday		0							
10-Jul-2020	Friday		0							
11-Jul-2020	Saturday		0							
12-Jul-2020	Sunday		0							
13-Jul-2020	Monday		0							
14-Jul-2020	Tuesday		0							
15-Jul-2020	Wednesday		0							
16-Jul-2020	Thursday		0							
17-Jul-2020	Friday		0							
18-Jul-2020	Saturday		0					0	0932	
19-Jul-2020	Sunday		0							
20-Jul-2020	Monday		0							
21-Jul-2020	Tuesday		0							
22-Jul-2020	Wednesday		0							
23-Jul-2020	Thursday		0							
24-Jul-2020	Friday	choppy	1	1						
25-Jul-2020	Saturday		0							
26-Jul-2020	Sunday	calm/rippled	2	1	2		1			
27-Jul-2020	Monday		0							
28-Jul-2020	Tuesday	choppy	2				3			
29-Jul-2020	Wednesday		0							
30-Jul-2020	Thursday		0							
31-Jul-2020	Friday		0							
01-Aug-2020	Saturday	calm/rippled	1	2						
02-Aug-2020	Sunday		0							
03-Aug-2020	Monday (B.C. Day)	calm/rippled	3	1	5					
	Totals	choppy	3	1			3	*		*
	Totals	calm/rippled	2	1	2		1	0*		*

* 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		22		0.3330			1				
Weekend		9		0.50	1		0.50				

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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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	193	80%

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