

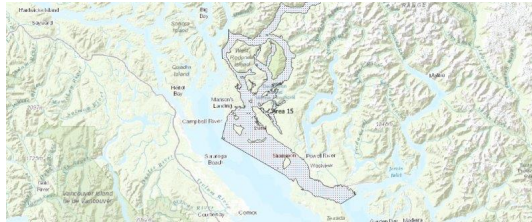
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 15 May 2021



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Sunday 27<sup>th</sup> June, 2021



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

Date	Day Type	Big Rock Boat Rental		Comox Mun		Discovery Marina South	Kitty Coleman	Pacific Play
		AM	PM	AM	PM	PM	PM	PM
28 Apr 2021	Midweek							
29 Apr 2021	Midweek							
30 Apr 2021	Midweek							
01 May 2021	Weekend							
02 May 2021	Weekend							
03 May 2021	Midweek							
04 May 2021	Midweek	1						
05 May 2021	Midweek		2		1			
06 May 2021	Midweek							
07 May 2021	Midweek							
08 May 2021	Weekend		2		1			
09 May 2021	Weekend							2
10 May 2021	Midweek							
11 May 2021	Midweek							
12 May 2021	Midweek							
13 May 2021	Midweek							
14 May 2021	Midweek							
15 May 2021	Weekend							
16 May 2021	Weekend		5			5		
17 May 2021	Midweek							
18 May 2021	Midweek							
19 May 2021	Midweek		1					
20 May 2021	Midweek							
21 May 2021	Midweek							2
22 May 2021	Weekend							
23 May 2021	Weekend	1				5		2
24 May 2021	Weekend							
25 May 2021	Midweek							
26 May 2021	Midweek							
27 May 2021	Midweek							
28 May 2021	Midweek		4					
29 May 2021	Weekend						1	
30 May 2021	Weekend			1				
31 May 2021	Midweek							
01 Jun 2021	Midweek							
02 Jun 2021	Midweek					2		
03 Jun 2021	Midweek		1					

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-Apr-2021	Wednesday		0							
29-Apr-2021	Thursday		0							
30-Apr-2021	Friday		0							
01-May-2021	Saturday		0					10	1148	
02-May-2021	Sunday		0							
03-May-2021	Monday		0							
04-May-2021	Tuesday	calm/rippled	1							
05-May-2021	Wednesday	calm/rippled	3					10	1142	
06-May-2021	Thursday		0							
07-May-2021	Friday		0							
08-May-2021	Saturday	calm/rippled	3							
09-May-2021	Sunday	calm/rippled	2					39	1139	
10-May-2021	Monday		0							
11-May-2021	Tuesday		0							
12-May-2021	Wednesday		0							
13-May-2021	Thursday		0					5	1140	
14-May-2021	Friday		0							
15-May-2021	Saturday		0							
16-May-2021	Sunday	choppy	10	2				27	1139	
17-May-2021	Monday		0							
18-May-2021	Tuesday		0					10	1129	
19-May-2021	Wednesday	choppy	1	2						
20-May-2021	Thursday		0							
21-May-2021	Friday	calm/rippled	2							
22-May-2021	Saturday		0							
23-May-2021	Sunday	choppy	8	4				35	1136	
24-May-2021	Monday (Victoria Day)		0							
25-May-2021	Tuesday		0							
26-May-2021	Wednesday		0							
27-May-2021	Thursday		0							
28-May-2021	Friday	calm/rippled	4	3				18	1135	
29-May-2021	Saturday	calm/rippled	1							
30-May-2021	Sunday	calm/rippled	1							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0					14	1134	
02-Jun-2021	Wednesday	calm/rippled	2	2						
03-Jun-2021	Thursday	calm/rippled	1							
	Totals	calm/rippled	11	5				11*		*
	Totals	calm/rippled	25	6				28*		*

\* 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		11		0.24							
Midweek		20		0.455							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	May	830	693			
2017	May	949	433			
2018	May	1649	2405			
2019	May	514				
2020	May	374				
5-Yr Avg	May	863	1177			

**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
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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
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**Table 8: Daily Fishing Conditions.**

Date	Day Type	Big Rock Boat Rental	Comox Mun	Discovery Marina South	Kitty Coleman	Pacific Play
28 Apr 2021	Midweek					
29 Apr 2021	Midweek					
30 Apr 2021	Midweek					
01 May 2021	Weekend					
02 May 2021	Weekend					
03 May 2021	Midweek					
04 May 2021	Midweek	calm/rippled				
05 May 2021	Midweek	calm/rippled	calm/rippled			
06 May 2021	Midweek					
07 May 2021	Midweek					
08 May 2021	Weekend	calm/rippled	choppy			
09 May 2021	Weekend					calm/rippled
10 May 2021	Midweek					
11 May 2021	Midweek					
12 May 2021	Midweek					
13 May 2021	Midweek					
14 May 2021	Midweek					
15 May 2021	Weekend					
16 May 2021	Weekend	calm/rippled		choppy		
17 May 2021	Midweek					
18 May 2021	Midweek					
19 May 2021	Midweek	choppy				
20 May 2021	Midweek					
21 May 2021	Midweek					calm/rippled
22 May 2021	Weekend					
23 May 2021	Weekend	choppy		calm/rippled		choppy
24 May 2021	Weekend					
25 May 2021	Midweek					
26 May 2021	Midweek					
27 May 2021	Midweek					
28 May 2021	Midweek	calm/rippled				
29 May 2021	Weekend				calm/rippled	
30 May 2021	Weekend		calm/rippled			
31 May 2021	Midweek					
01 Jun 2021	Midweek					
02 Jun 2021	Midweek			calm/rippled		
03 Jun 2021	Midweek	calm/rippled				