

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 18 October 2019



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> 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	Cowichan	Sidney
		Bay PM	PM
28 Sep 2019	Weekend	2	
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		
04 Oct 2019	Midweek		
05 Oct 2019	Weekend		
06 Oct 2019	Weekend		
07 Oct 2019	Midweek		
08 Oct 2019	Midweek		
09 Oct 2019	Midweek		
10 Oct 2019	Midweek		
11 Oct 2019	Midweek		
12 Oct 2019	Weekend		
13 Oct 2019	Weekend		
14 Oct 2019	Weekend		
15 Oct 2019	Midweek		
16 Oct 2019	Midweek		
17 Oct 2019	Midweek		
18 Oct 2019	Midweek		
19 Oct 2019	Weekend		
20 Oct 2019	Weekend		
21 Oct 2019	Midweek		
22 Oct 2019	Midweek		
23 Oct 2019	Midweek		
24 Oct 2019	Midweek		
25 Oct 2019	Midweek		
26 Oct 2019	Weekend		3
27 Oct 2019	Weekend		
28 Oct 2019	Midweek		
29 Oct 2019	Midweek		
30 Oct 2019	Midweek		
31 Oct 2019	Midweek		
01 Nov 2019	Midweek		
02 Nov 2019	Weekend		
03 Nov 2019	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
28-Sep-2019	Saturday	frequent whitecaps	2							
29-Sep-2019	Sunday		0							
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		1							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
04-Oct-2019	Friday		0							
05-Oct-2019	Saturday		0							
06-Oct-2019	Sunday		0							
07-Oct-2019	Monday		0							
08-Oct-2019	Tuesday		0							
09-Oct-2019	Wednesday		0							
10-Oct-2019	Thursday		0							
11-Oct-2019	Friday		0							
12-Oct-2019	Saturday		0							
13-Oct-2019	Sunday		0							
14-Oct-2019	Monday (Thanksgiving)		0							
15-Oct-2019	Tuesday		0							
16-Oct-2019	Wednesday		0							
17-Oct-2019	Thursday		0							
18-Oct-2019	Friday		0							
19-Oct-2019	Saturday		0							
20-Oct-2019	Sunday		0							
21-Oct-2019	Monday		0							
22-Oct-2019	Tuesday		0							
23-Oct-2019	Wednesday		0							
24-Oct-2019	Thursday		0							
25-Oct-2019	Friday		0							
26-Oct-2019	Saturday	choppy	3							
27-Oct-2019	Sunday		0							
28-Oct-2019	Monday		0							
29-Oct-2019	Tuesday		0							
30-Oct-2019	Wednesday		0							
31-Oct-2019	Thursday		0							
01-Nov-2019	Friday		0							
02-Nov-2019	Saturday		0							
03-Nov-2019	Sunday		0							
	Totals		1					*		*
	Totals	choppy	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		22									
Weekend		9									

**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	134	0%
iRec Responses	3	0%

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	Cowichan Bay	Sidney
28 Sep 2019	Weekend	frequent whitecaps	
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		
04 Oct 2019	Midweek		
05 Oct 2019	Weekend		
06 Oct 2019	Weekend		
07 Oct 2019	Midweek		
08 Oct 2019	Midweek		
09 Oct 2019	Midweek		
10 Oct 2019	Midweek		
11 Oct 2019	Midweek		
12 Oct 2019	Weekend		
13 Oct 2019	Weekend		
14 Oct 2019	Weekend		
15 Oct 2019	Midweek		
16 Oct 2019	Midweek		
17 Oct 2019	Midweek		
18 Oct 2019	Midweek		
19 Oct 2019	Weekend		
20 Oct 2019	Weekend		
21 Oct 2019	Midweek		
22 Oct 2019	Midweek		
23 Oct 2019	Midweek		
24 Oct 2019	Midweek		
25 Oct 2019	Midweek		
26 Oct 2019	Weekend		choppy
27 Oct 2019	Weekend		
28 Oct 2019	Midweek		
29 Oct 2019	Midweek		
30 Oct 2019	Midweek		
31 Oct 2019	Midweek		
01 Nov 2019	Midweek		
02 Nov 2019	Weekend		
03 Nov 2019	Weekend		