

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 September 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 27th October, 2021



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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	Mill Bay		Sidney	
		AM	PM	AM	PM
29 Aug 2021	Weekend				
30 Aug 2021	Midweek		2		
31 Aug 2021	Midweek				
01 Sep 2021	Midweek				
02 Sep 2021	Midweek				
03 Sep 2021	Midweek				
04 Sep 2021	Weekend				
05 Sep 2021	Weekend				2
06 Sep 2021	Weekend				
07 Sep 2021	Midweek	1			
08 Sep 2021	Midweek				
09 Sep 2021	Midweek				
10 Sep 2021	Midweek				
11 Sep 2021	Weekend				
12 Sep 2021	Weekend			1	
13 Sep 2021	Midweek				
14 Sep 2021	Midweek				
15 Sep 2021	Midweek				
16 Sep 2021	Midweek		1		
17 Sep 2021	Midweek				
18 Sep 2021	Weekend				
19 Sep 2021	Weekend				
20 Sep 2021	Midweek				
21 Sep 2021	Midweek				
22 Sep 2021	Midweek				
23 Sep 2021	Midweek				
24 Sep 2021	Midweek				
25 Sep 2021	Weekend				3
26 Sep 2021	Weekend				
27 Sep 2021	Midweek				
28 Sep 2021	Midweek				
29 Sep 2021	Midweek				
30 Sep 2021	Midweek				
01 Oct 2021	Midweek				
02 Oct 2021	Weekend				
03 Oct 2021	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-2021	Sunday	frequent whitecaps	0							
30-Aug-2021	Monday		2					6	0952	
31-Aug-2021	Tuesday		0							
01-Sep-2021	Wednesday		0							
02-Sep-2021	Thursday		0							
03-Sep-2021	Friday		0							
04-Sep-2021	Saturday	calm/rippled	0					33	1051	
05-Sep-2021	Sunday		2							
06-Sep-2021	Monday (Labour Day)		0					45	1050	
07-Sep-2021	Tuesday	calm/rippled	1							
08-Sep-2021	Wednesday		0					11	1114	
09-Sep-2021	Thursday		0							
10-Sep-2021	Friday		0							
11-Sep-2021	Saturday	choppy	0							
12-Sep-2021	Sunday		1					21	1058	
13-Sep-2021	Monday		0							
14-Sep-2021	Tuesday		0							
15-Sep-2021	Wednesday	calm/rippled	0					7	1107	
16-Sep-2021	Thursday		1					8	1051	
17-Sep-2021	Friday		0							
18-Sep-2021	Saturday	choppy	0					3	1048	
19-Sep-2021	Sunday		0							
20-Sep-2021	Monday		0							
21-Sep-2021	Tuesday		0							
22-Sep-2021	Wednesday		0					9	1101	
23-Sep-2021	Thursday		0							
24-Sep-2021	Friday		0							
25-Sep-2021	Saturday	choppy	3					38	1003	
26-Sep-2021	Sunday		0							
27-Sep-2021	Monday		0					4	1035	
28-Sep-2021	Tuesday		0							
29-Sep-2021	Wednesday		0							
30-Sep-2021	Thursday		0							
01-Oct-2021	Friday		0							
02-Oct-2021	Saturday		0							
03-Oct-2021	Sunday		0					7	1013	
	Totals	calm/rippled	2					8*		*
	Totals	choppy	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
Midweek		21									
Weekend		9									

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	September	823	133	11		
2017	September	1396	604	11		
2018	September	394	22	16		
2019	September	532	54	40		0
2020	September	922	38	63		0
5-Yr Avg	September	813	170	28		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
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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	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	Mill Bay	Sidney
29 Aug 2021	Weekend	frequent whitecaps	
30 Aug 2021	Midweek		
31 Aug 2021	Midweek		
01 Sep 2021	Midweek		
02 Sep 2021	Midweek		
03 Sep 2021	Midweek	calm/rippled	
04 Sep 2021	Weekend		
05 Sep 2021	Weekend		
06 Sep 2021	Weekend		
07 Sep 2021	Midweek		
08 Sep 2021	Midweek	calm/rippled	
09 Sep 2021	Midweek		
10 Sep 2021	Midweek		
11 Sep 2021	Weekend		
12 Sep 2021	Weekend		
13 Sep 2021	Midweek	choppy	
14 Sep 2021	Midweek		
15 Sep 2021	Midweek		
16 Sep 2021	Midweek		
17 Sep 2021	Midweek		
18 Sep 2021	Weekend	calm/rippled	
19 Sep 2021	Weekend		
20 Sep 2021	Midweek		
21 Sep 2021	Midweek		
22 Sep 2021	Midweek		
23 Sep 2021	Midweek	choppy	
24 Sep 2021	Midweek		
25 Sep 2021	Weekend		
26 Sep 2021	Weekend		
27 Sep 2021	Midweek		
28 Sep 2021	Midweek		
29 Sep 2021	Midweek		
30 Sep 2021	Midweek		
01 Oct 2021	Midweek		
02 Oct 2021	Weekend		
03 Oct 2021	Weekend		