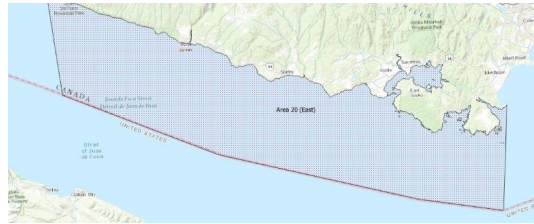


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (East) October 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 5th December, 2024



Fisheries and Oceans
Canada

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Canada



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

Date	Day Type	Cheanuh		Flemming		Pedder Bay		Prestige Hotel Ramp		Sooke Harbour Marina	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Sep 2024	Weekend									15	
29 Sep 2024	Weekend	7									
30 Sep 2024	Midweek										
01 Oct 2024	Midweek										
02 Oct 2024	Midweek										
03 Oct 2024	Midweek			1					7		
04 Oct 2024	Midweek	8									
05 Oct 2024	Weekend	59									
06 Oct 2024	Weekend								23		
07 Oct 2024	Midweek										9
08 Oct 2024	Midweek										
09 Oct 2024	Midweek					5					
10 Oct 2024	Midweek								5		
11 Oct 2024	Midweek										
12 Oct 2024	Weekend										21
13 Oct 2024	Weekend				2						
14 Oct 2024	Weekend		24								
15 Oct 2024	Midweek										
16 Oct 2024	Midweek										
17 Oct 2024	Midweek		11								5
18 Oct 2024	Midweek										
19 Oct 2024	Weekend		1								
20 Oct 2024	Weekend					3					
21 Oct 2024	Midweek										
22 Oct 2024	Midweek										
23 Oct 2024	Midweek										
24 Oct 2024	Midweek									3	
25 Oct 2024	Midweek										
26 Oct 2024	Weekend							5		2	
27 Oct 2024	Weekend						3				
28 Oct 2024	Midweek										
29 Oct 2024	Midweek										
30 Oct 2024	Midweek										
31 Oct 2024	Midweek										
01 Nov 2024	Midweek										
02 Nov 2024	Weekend										
03 Nov 2024	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-2024	Saturday	calm/rippled	15	1	14					
29-Sep-2024	Sunday	choppy	7		1					
30-Sep-2024	Monday		0							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday	calm/rippled	8	1	8					
04-Oct-2024	Friday	choppy	8		12					
05-Oct-2024	Saturday	calm/rippled	60	4	102			193	0958	
06-Oct-2024	Sunday	calm/rippled	23	1	30					
07-Oct-2024	Monday	choppy	10		16					
08-Oct-2024	Tuesday		0							
09-Oct-2024	Wednesday	calm/rippled	5		3			28	1003	
10-Oct-2024	Thursday	choppy	5		9					
11-Oct-2024	Friday		0							
12-Oct-2024	Saturday	calm/rippled	21	2	25					
13-Oct-2024	Sunday	calm/rippled	2	3	1					
14-Oct-2024	Monday (Thanksgiving)	choppy	24	6	19			42	1002	
15-Oct-2024	Tuesday		0					18	0953	
16-Oct-2024	Wednesday		0							
17-Oct-2024	Thursday	calm/rippled	16		18					
18-Oct-2024	Friday		0							
19-Oct-2024	Saturday	choppy	1							
20-Oct-2024	Sunday	calm/rippled	4	1	5					
21-Oct-2024	Monday		0					6	0959	
22-Oct-2024	Tuesday		1		3					
23-Oct-2024	Wednesday		0							
24-Oct-2024	Thursday	choppy	3		1			19	1002	
25-Oct-2024	Friday		0							
26-Oct-2024	Saturday	choppy	7		1			7	1000	
27-Oct-2024	Sunday	choppy	3					1	0954	
28-Oct-2024	Monday		0							
29-Oct-2024	Tuesday		0							
30-Oct-2024	Wednesday		0							
31-Oct-2024	Thursday		0							
01-Nov-2024	Friday		0							
02-Nov-2024	Saturday		0							
03-Nov-2024	Sunday		0							
	Totals	choppy	56	1	70			18*		*
	Totals	calm/rippled	145	17	183			61*		*

* 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		0.018	1.25						
Weekend		9		0.117	1.262						

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	October	1655	48	2242		24
2020	October	2374	312	3319		111
2021	October	2184	259	5713		37
2023	October	3080	358	4512		0
5-Yr Avg	October	2323	244	3947		43

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	Cheanuh	Flemming	Pedder Bay	Prestige Hotel Ramp	Sooke Harbour Marina
28 Sep 2024	Weekend	choppy				calm/rippled
29 Sep 2024	Weekend					
30 Sep 2024	Midweek					
01 Oct 2024	Midweek					
02 Oct 2024	Midweek					
03 Oct 2024	Midweek					
04 Oct 2024	Midweek	choppy	choppy		calm/rippled	
05 Oct 2024	Weekend	calm/rippled				
06 Oct 2024	Weekend					
07 Oct 2024	Midweek					choppy
08 Oct 2024	Midweek					
09 Oct 2024	Midweek					
10 Oct 2024	Midweek			calm/rippled	choppy	
11 Oct 2024	Midweek					
12 Oct 2024	Weekend					
13 Oct 2024	Weekend	choppy	calm/rippled			calm/rippled
14 Oct 2024	Weekend					
15 Oct 2024	Midweek					
16 Oct 2024	Midweek					
17 Oct 2024	Midweek					
18 Oct 2024	Midweek					
19 Oct 2024	Weekend	choppy				
20 Oct 2024	Weekend					
21 Oct 2024	Midweek					
22 Oct 2024	Midweek					
23 Oct 2024	Midweek					
24 Oct 2024	Midweek					
25 Oct 2024	Midweek					choppy
26 Oct 2024	Weekend					
27 Oct 2024	Weekend					
28 Oct 2024	Midweek					
29 Oct 2024	Midweek					
30 Oct 2024	Midweek					
31 Oct 2024	Midweek					
01 Nov 2024	Midweek					
02 Nov 2024	Weekend					
03 Nov 2024	Weekend					