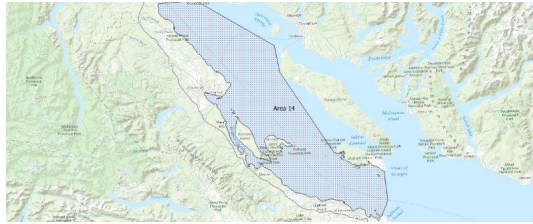


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 April 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 12th June, 2024



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	Comox Mun		Kitty Coleman		Pacific Play	Union Bay
		AM	PM	AM	PM	PM	PM
29 Mar 2024	Weekend						
30 Mar 2024	Weekend						
31 Mar 2024	Weekend						
01 Apr 2024	Midweek						
02 Apr 2024	Midweek						
03 Apr 2024	Midweek						
04 Apr 2024	Midweek		1				
05 Apr 2024	Midweek						
06 Apr 2024	Weekend					2	
07 Apr 2024	Weekend						
08 Apr 2024	Midweek						
09 Apr 2024	Midweek						
10 Apr 2024	Midweek						
11 Apr 2024	Midweek						
12 Apr 2024	Midweek						
13 Apr 2024	Weekend						
14 Apr 2024	Weekend	1					2
15 Apr 2024	Midweek						
16 Apr 2024	Midweek						
17 Apr 2024	Midweek	1					
18 Apr 2024	Midweek						
19 Apr 2024	Midweek						
20 Apr 2024	Weekend	2					
21 Apr 2024	Weekend					1	
22 Apr 2024	Midweek				1		
23 Apr 2024	Midweek		4				
24 Apr 2024	Midweek			1			
25 Apr 2024	Midweek						
26 Apr 2024	Midweek						
27 Apr 2024	Weekend						
28 Apr 2024	Weekend						
29 Apr 2024	Midweek						
30 Apr 2024	Midweek						
01 May 2024	Midweek						
02 May 2024	Midweek					1	
03 May 2024	Midweek						

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-Mar-2024	Friday (Good Friday)		1	1						
30-Mar-2024	Saturday		2	1						
31-Mar-2024	Sunday		1	2						
01-Apr-2024	Monday		0					8	1034	17
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
04-Apr-2024	Thursday	choppy	1							
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday		0							
07-Apr-2024	Sunday	frequent whitecaps	2					7	1049	51
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday		0					2	1045	4
10-Apr-2024	Wednesday		0							
11-Apr-2024	Thursday		0							
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday		0					0	1046	0
14-Apr-2024	Sunday	calm/rippled	3							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		0							
17-Apr-2024	Wednesday	calm/rippled	1					2	1033	4
18-Apr-2024	Thursday		0							
19-Apr-2024	Friday		0							
20-Apr-2024	Saturday	choppy	2							
21-Apr-2024	Sunday	choppy	1					2	1034	20
22-Apr-2024	Monday	calm/rippled	1							
23-Apr-2024	Tuesday	calm/rippled	4					5	1033	14
24-Apr-2024	Wednesday	calm/rippled	1							
25-Apr-2024	Thursday		0							
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday		0					2	1045	15
28-Apr-2024	Sunday		0							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday		0							
02-May-2024	Thursday	calm/rippled	1					2	1035	4
03-May-2024	Friday		0							
	Totals	calm/rippled	8					4*		10*
	Totals	choppy	8					3*		22*

* 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	10	22	220								
Weekend	22	8	176								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	360	77	0		0
2023	April	268	0			1
2024	April	440	0			0
5-Yr Avg	April	314	39	0		1

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
Creel Interivews	16	0%
iRec Anglers	87	53%

Time	14A 14B - Weekend (%)	14A 14B 14C - Midweek (%)	14C - Weekend (%)	14D 14F 14H 14I 14M 14N - Weekend (%)	14D 14F 14H 14I 14M 14N 14O - Midweek (%)	14O - Weekend (%)
08:00 AM	27	26			21	
09:00 AM	27	34			27	
10:00 AM	6	47	17	17	44	13
11:00 AM	6	58	17	40	52	52
12:00 PM	12	17	33	48	21	58
01:00 PM	15	30	42	44	32	55
02:00 PM	15	36	42	44	36	36
03:00 PM		12		36	17	29
04:00 PM					7	
05:00 PM					7	
06:00 PM					7	

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
14A 14B	Weekend	0%	0%	27%	27%	6%	6%	12%	15%	15%	0%	0%	0%	0%	0%	0%	0%	0%
14A 14B 14C	Midweek	0%	0%	26%	34%	47%	58%	17%	30%	36%	12%	0%	0%	0%	0%	0%	0%	0%
14C	Weekend	0%	0%	0%	0%	17%	17%	33%	42%	42%	0%	0%	0%	0%	0%	0%	0%	0%
14D 14F 14H 14I 14M 14N	Weekend	0%	0%	0%	0%	16%	40%	48%	44%	44%	36%	0%	0%	0%	0%	0%	0%	0%
14D 14F 14H 14I 14M 14N 14O	Midweek	0%	0%	21%	27%	44%	52%	21%	32%	36%	17%	7%	7%	7%	0%	0%	0%	0%
14O	Weekend	0%	0%	0%	0%	13%	52%	58%	55%	36%	29%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Comox Mun	Kitty Coleman	Pacific Play	Union Bay
29 Mar 2024	Weekend				
30 Mar 2024	Weekend				
31 Mar 2024	Weekend				
01 Apr 2024	Midweek				
02 Apr 2024	Midweek				
03 Apr 2024	Midweek				
04 Apr 2024	Midweek	choppy			
05 Apr 2024	Midweek				
06 Apr 2024	Weekend				
07 Apr 2024	Weekend			frequent whitecaps	
08 Apr 2024	Midweek				
09 Apr 2024	Midweek				
10 Apr 2024	Midweek				
11 Apr 2024	Midweek				
12 Apr 2024	Midweek				
13 Apr 2024	Weekend				
14 Apr 2024	Weekend	choppy			calm/rippled
15 Apr 2024	Midweek				
16 Apr 2024	Midweek				
17 Apr 2024	Midweek	calm/rippled			
18 Apr 2024	Midweek				
19 Apr 2024	Midweek				
20 Apr 2024	Weekend	choppy			
21 Apr 2024	Weekend			choppy	
22 Apr 2024	Midweek		calm/rippled		
23 Apr 2024	Midweek	calm/rippled			
24 Apr 2024	Midweek		calm/rippled		
25 Apr 2024	Midweek				
26 Apr 2024	Midweek				
27 Apr 2024	Weekend				
28 Apr 2024	Weekend				
29 Apr 2024	Midweek				
30 Apr 2024	Midweek				
01 May 2024	Midweek				
02 May 2024	Midweek			calm/rippled	
03 May 2024	Midweek				