

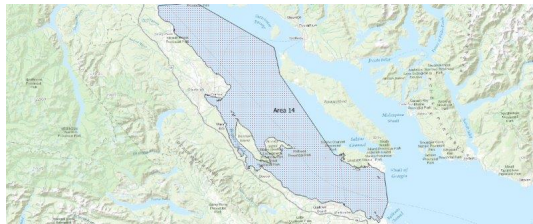
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 14 May 2022



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> January, 2023



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

**your  
catch  
counts**

The logo graphic for 'your catch counts', featuring a stylized blue silhouette of a person holding a fishing rod, with a fish at the end of the line.

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

Date	Day Type	Comox Mun		French Ck		Kitty Coleman		Pacific Play		Schooner	Union Bay	
		AM	PM	AM	PM	AM	PM	AM	PM	PM	AM	PM
28 Apr 2022	Midweek	1										
29 Apr 2022	Midweek											
30 Apr 2022	Weekend											
01 May 2022	Weekend											
02 May 2022	Midweek											
03 May 2022	Midweek									1		
04 May 2022	Midweek											
05 May 2022	Midweek											
06 May 2022	Midweek								1			
07 May 2022	Weekend		5	1								
08 May 2022	Weekend					1					1	
09 May 2022	Midweek											
10 May 2022	Midweek											
11 May 2022	Midweek											
12 May 2022	Midweek											
13 May 2022	Midweek											
14 May 2022	Weekend											
15 May 2022	Weekend											
16 May 2022	Midweek											
17 May 2022	Midweek											
18 May 2022	Midweek											
19 May 2022	Midweek											
20 May 2022	Midweek				9							
21 May 2022	Weekend	2			20							7
22 May 2022	Weekend							1		2		
23 May 2022	Weekend				5							
24 May 2022	Midweek											
25 May 2022	Midweek											
26 May 2022	Midweek											
27 May 2022	Midweek											
28 May 2022	Weekend				15							
29 May 2022	Weekend									3		3
30 May 2022	Midweek	2										
31 May 2022	Midweek			1								
01 Jun 2022	Midweek						3			1		
02 Jun 2022	Midweek											
03 Jun 2022	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
28-Apr-2022	Thursday	calm/rippled	1							
29-Apr-2022	Friday		1							
30-Apr-2022	Saturday		1							
01-May-2022	Sunday		1							
02-May-2022	Monday		0					0	1056	0
03-May-2022	Tuesday	calm/rippled	1							
04-May-2022	Wednesday		0							
05-May-2022	Thursday		0							
06-May-2022	Friday	calm/rippled	3							
07-May-2022	Saturday	calm/rippled	6							
08-May-2022	Sunday	calm/rippled	2					14	1059	39
09-May-2022	Monday		2							
10-May-2022	Tuesday		0							
11-May-2022	Wednesday		0							
12-May-2022	Thursday		0					0	1057	0
13-May-2022	Friday		1							
14-May-2022	Saturday		0					5	1101	14
15-May-2022	Sunday		0							
16-May-2022	Monday		2					5	1050	16
17-May-2022	Tuesday		0							
18-May-2022	Wednesday		0							
19-May-2022	Thursday		2							
20-May-2022	Friday	choppy	13							
21-May-2022	Saturday	calm/rippled	30							
22-May-2022	Sunday	choppy	5					19	1042	54
23-May-2022	Monday (Victoria Day)	choppy	7							
24-May-2022	Tuesday		0							
25-May-2022	Wednesday		0							
26-May-2022	Thursday		1							
27-May-2022	Friday		0							
28-May-2022	Saturday	calm/rippled	18	1						
29-May-2022	Sunday	calm/rippled	9							
30-May-2022	Monday	calm/rippled	2							
31-May-2022	Tuesday	calm/rippled	1							
01-Jun-2022	Wednesday	calm/rippled	8					14	1058	46
02-Jun-2022	Thursday		2							
03-Jun-2022	Friday		5							
	Totals	calm/rippled	28					2*		5*
	Totals	calm/rippled	78	1				13*		36*

\* 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	5	21	105								
Weekend	36	10	360	0.013				5			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	2503	1728	8		
2018	May	2263	3334	23		
2019	May	747	4	0		0
2020	May	1033				
2021	May	1501	0	0		10
2022	May	639	10	0	0	2
5-Yr Avg	May	1609	1267	8		5

**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	106	4%
iRec Anglers	836	20%

Figure 1: Proportion of each day's fishing by hour.

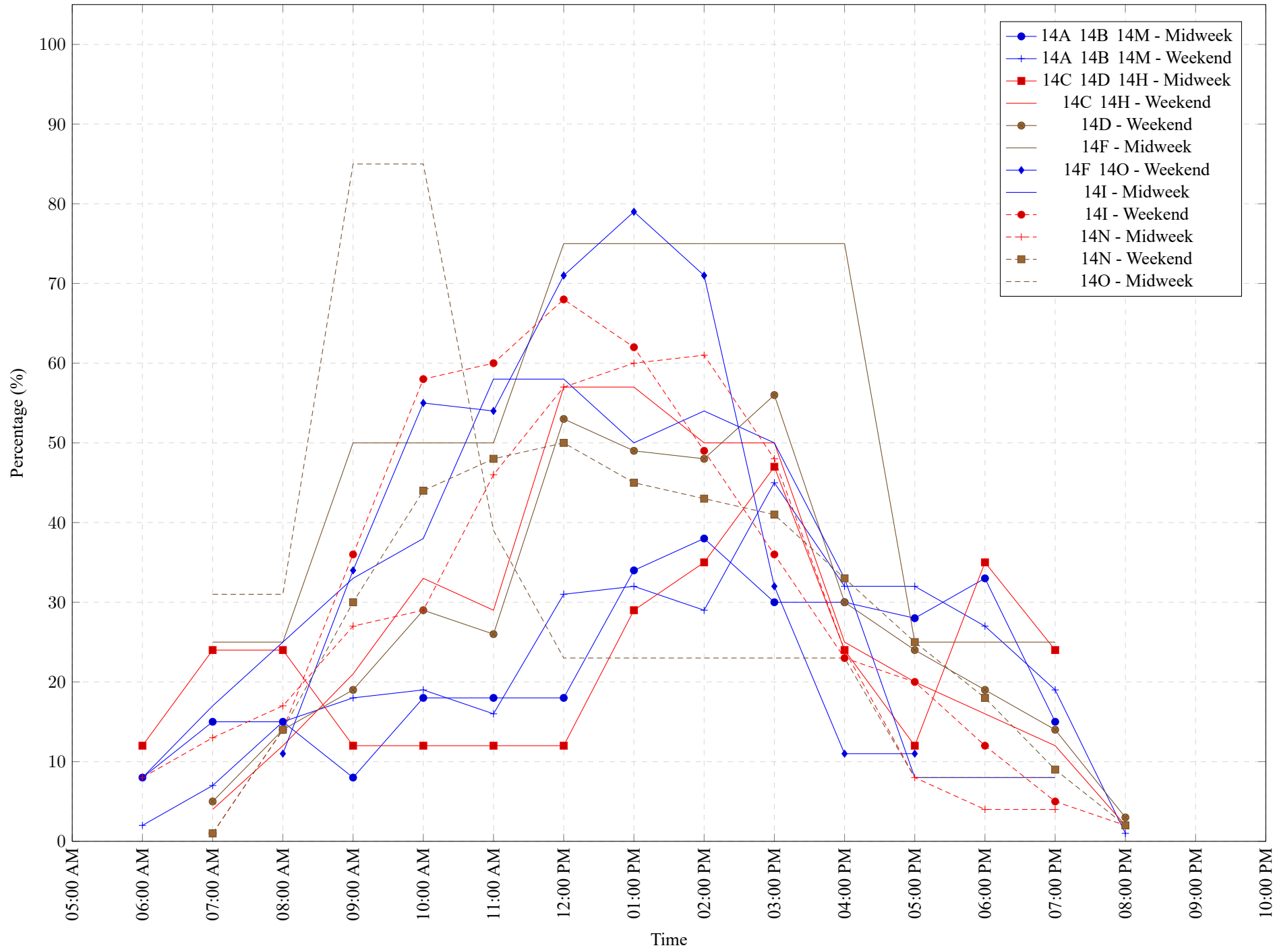


Table 7: Proportion of each day's fishing by hour.

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
14A 14B 14M			Midweek	8%	15%	15%	8%	18%	18%	18%	34%	38%	30%	30%	28%	33%	15%	0%	0%	0%
14A 14B 14M			Weekend	2%	7%	15%	18%	19%	16%	31%	32%	29%	45%	32%	32%	27%	19%	1%	0%	0%
14C 14D 14H			Midweek	12%	24%	24%	12%	12%	12%	12%	29%	35%	47%	24%	12%	35%	24%	0%	0%	0%
14C 14H			Weekend	0%	4%	12%	21%	33%	29%	57%	57%	50%	50%	25%	20%	16%	12%	2%	0%	0%
14D			Weekend	0%	5%	14%	19%	29%	26%	53%	49%	48%	56%	30%	24%	19%	14%	3%	0%	0%
14F			Midweek	0%	25%	25%	50%	50%	50%	75%	75%	75%	75%	75%	25%	25%	25%	0%	0%	0%
14F 14O			Weekend	0%	0%	11%	34%	55%	54%	71%	79%	71%	32%	11%	11%	0%	0%	0%	0%	0%
14I			Midweek	8%	17%	25%	33%	38%	58%	58%	50%	54%	50%	33%	8%	8%	8%	0%	0%	0%
14I			Weekend	0%	1%	14%	36%	58%	60%	68%	62%	49%	36%	23%	20%	12%	5%	2%	0%	0%
14N			Midweek	8%	13%	17%	27%	29%	46%	57%	60%	61%	48%	24%	8%	4%	4%	0%	0%	0%
14N			Weekend	0%	1%	14%	30%	44%	48%	50%	45%	43%	41%	33%	25%	18%	9%	2%	0%	0%
14O			Midweek	0%	31%	31%	85%	85%	39%	23%	23%	23%	23%	23%	8%	8%	8%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Comox Mun	French Ck	Kitty Coleman	Pacific Play	Schooner	Union Bay
28 Apr 2022	Midweek	calm/rippled					
29 Apr 2022	Midweek						
30 Apr 2022	Weekend						
01 May 2022	Weekend						
02 May 2022	Midweek						
03 May 2022	Midweek						calm/rippled
04 May 2022	Midweek						
05 May 2022	Midweek						
06 May 2022	Midweek					calm/rippled	
07 May 2022	Weekend	calm/rippled	choppy				
08 May 2022	Weekend	calm/rippled					calm/rippled
09 May 2022	Midweek						
10 May 2022	Midweek						
11 May 2022	Midweek						
12 May 2022	Midweek						
13 May 2022	Midweek						
14 May 2022	Weekend						
15 May 2022	Weekend						
16 May 2022	Midweek						
17 May 2022	Midweek						
18 May 2022	Midweek						
19 May 2022	Midweek						
20 May 2022	Midweek			choppy			
21 May 2022	Weekend	calm/rippled	choppy				calm/rippled
22 May 2022	Weekend					choppy	
23 May 2022	Weekend			choppy	choppy	choppy	
24 May 2022	Midweek						
25 May 2022	Midweek						
26 May 2022	Midweek						
27 May 2022	Midweek						
28 May 2022	Weekend	calm/rippled					
29 May 2022	Weekend					calm/rippled	calm/rippled
30 May 2022	Midweek	calm/rippled					
31 May 2022	Midweek			calm/rippled			
01 Jun 2022	Midweek					choppy	
02 Jun 2022	Midweek						
03 Jun 2022	Midweek						