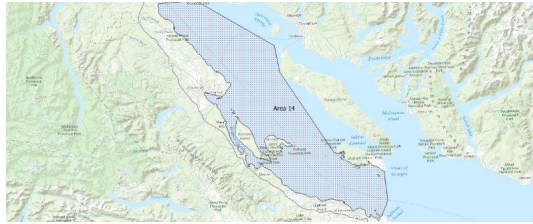


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 May 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 8th February, 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	Big Rock Boat Rental	Comox Mun		Discovery Marina South		French Ck		Kitty Coleman		Pacific Play		Schooner		Union Bay	
		AM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Apr 2023	Midweek															
29 Apr 2023	Weekend															
30 Apr 2023	Weekend															
01 May 2023	Midweek		1													
02 May 2023	Midweek							9							1	
03 May 2023	Midweek															
04 May 2023	Midweek															
05 May 2023	Midweek															
06 May 2023	Weekend															
07 May 2023	Weekend			3										2		
08 May 2023	Midweek					1		2								
09 May 2023	Midweek									1						
10 May 2023	Midweek															1
11 May 2023	Midweek														1	
12 May 2023	Midweek				1											
13 May 2023	Weekend			9				14				1				
14 May 2023	Weekend	1														3
15 May 2023	Midweek															
16 May 2023	Midweek			1												
17 May 2023	Midweek															
18 May 2023	Midweek							2				1				
19 May 2023	Midweek															
20 May 2023	Weekend		3									3		2		
21 May 2023	Weekend															
22 May 2023	Weekend															
23 May 2023	Midweek															
24 May 2023	Midweek															
25 May 2023	Midweek							2								
26 May 2023	Midweek															
27 May 2023	Weekend							9				2		1		
28 May 2023	Weekend															
29 May 2023	Midweek													1		
30 May 2023	Midweek															
31 May 2023	Midweek															
01 Jun 2023	Midweek															
02 Jun 2023	Midweek							8		1						
03 Jun 2023	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-Apr-2023	Friday		1							
29-Apr-2023	Saturday		0							
30-Apr-2023	Sunday		0							
01-May-2023	Monday	choppy	3							
02-May-2023	Tuesday	calm/rippled	10							
03-May-2023	Wednesday		0							
04-May-2023	Thursday		0							
05-May-2023	Friday		0							
06-May-2023	Saturday		0					3	1338	7
07-May-2023	Sunday	calm/rippled	10							
08-May-2023	Monday	calm/rippled	5							
09-May-2023	Tuesday	calm/rippled	3							
10-May-2023	Wednesday	calm/rippled	2							
11-May-2023	Thursday	choppy	1							
12-May-2023	Friday	calm/rippled	3					2	1323	8
13-May-2023	Saturday	calm/rippled	27					15	1313	35
14-May-2023	Sunday	calm/rippled	4							
15-May-2023	Monday		0							
16-May-2023	Tuesday	calm/rippled	5							
17-May-2023	Wednesday		0							
18-May-2023	Thursday	calm/rippled	3					1	1309	4
19-May-2023	Friday		0							
20-May-2023	Saturday	calm/rippled	10					25	1318	58
21-May-2023	Sunday		1							
22-May-2023	Monday		2							
	(Victoria Day)									
23-May-2023	Tuesday		0					4	1303	16
24-May-2023	Wednesday		3							
25-May-2023	Thursday	choppy	2							
26-May-2023	Friday		5							
27-May-2023	Saturday	choppy	13	4	1					
28-May-2023	Sunday		4							
29-May-2023	Monday	frequent whitecaps	1							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		3							
02-Jun-2023	Friday	choppy	12		8					
03-Jun-2023	Saturday		1					3	1214	7
	Totals	calm/rippled	46					2*		9*
	Totals	calm/rippled	71	4	1			14*		33*

* 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	9	22	198								
Weekend	33	9	297	0.056	0.014			17	4		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2023	May	604	0			0
5-Yr Avg	May	1237	837	6	0	4

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	117	7%
iRec Anglers	1143	13%

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

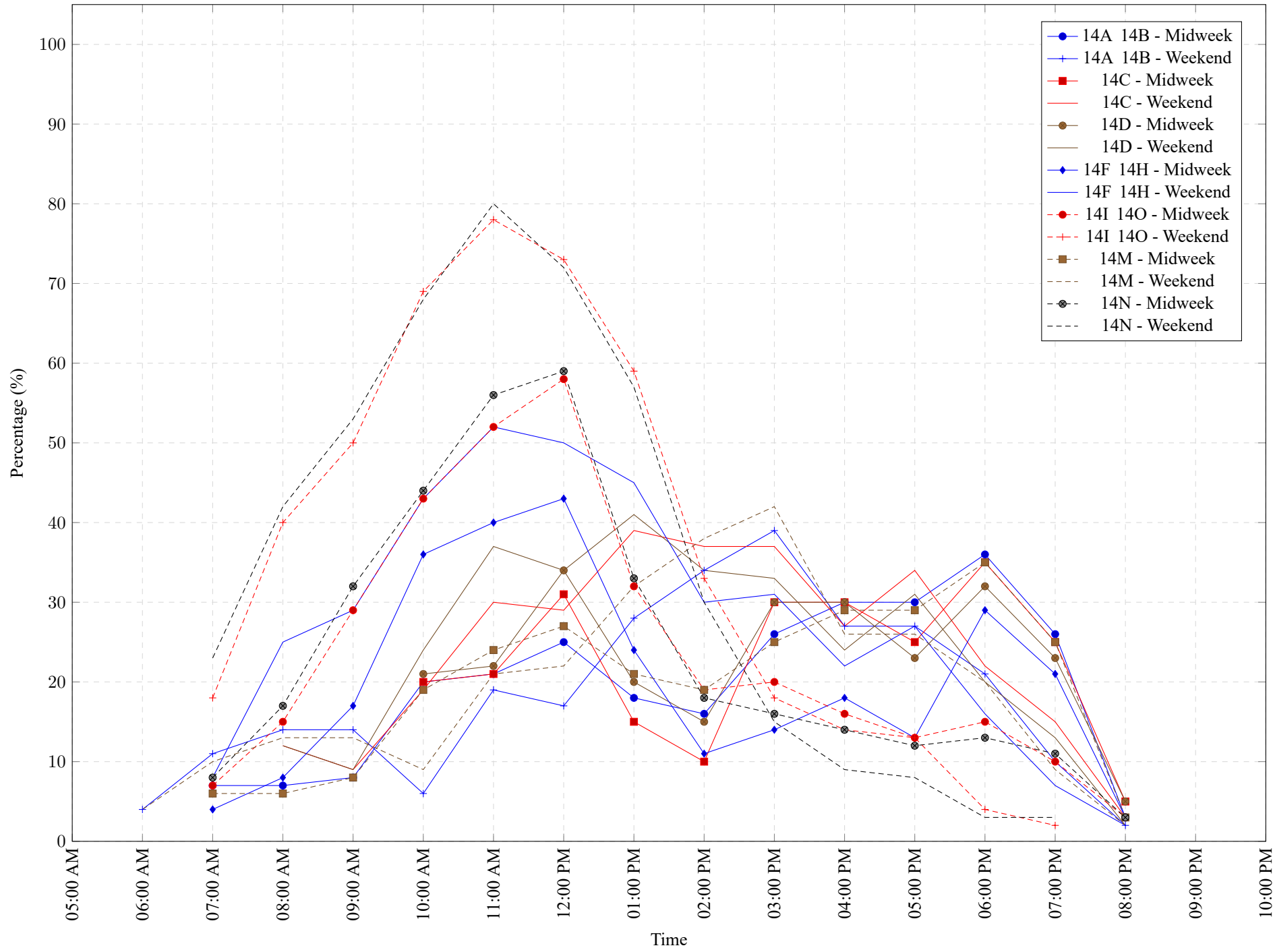


Table 7: Proportion of each day's fishing by hour.

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		Midweek	0%	7%	7%	8%	20%	21%	25%	18%	16%	26%	30%	30%	36%	26%	3%	0%	0%
14A 14B		Weekend	4%	11%	14%	14%	6%	19%	17%	28%	34%	39%	27%	27%	21%	10%	2%	0%	0%
14C		Midweek	0%	0%	0%	0%	20%	21%	31%	15%	10%	30%	30%	25%	35%	25%	5%	0%	0%
14C		Weekend	0%	0%	12%	9%	19%	30%	29%	39%	37%	37%	27%	34%	22%	15%	3%	0%	0%
14D		Midweek	0%	0%	0%	0%	21%	22%	34%	20%	15%	30%	30%	23%	32%	23%	5%	0%	0%
14D		Weekend	0%	0%	12%	9%	24%	37%	34%	41%	34%	33%	24%	31%	20%	13%	2%	0%	0%
14F 14H		Midweek	0%	4%	8%	17%	36%	40%	43%	24%	11%	14%	18%	13%	29%	21%	3%	0%	0%
14F 14H		Weekend	0%	8%	25%	29%	43%	52%	50%	45%	30%	31%	22%	27%	16%	7%	2%	0%	0%
14I 14O		Midweek	0%	7%	15%	29%	43%	52%	58%	32%	19%	20%	16%	13%	15%	10%	3%	0%	0%
14I 14O		Weekend	0%	18%	40%	50%	69%	78%	73%	59%	33%	18%	14%	13%	4%	2%	0%	0%	0%
14M		Midweek	0%	6%	6%	8%	19%	24%	27%	21%	19%	25%	29%	29%	35%	25%	3%	0%	0%
14M		Weekend	4%	10%	13%	13%	9%	21%	22%	32%	38%	42%	26%	26%	20%	9%	2%	0%	0%
14N		Midweek	0%	8%	17%	32%	44%	56%	59%	33%	18%	16%	14%	12%	13%	11%	3%	0%	0%
14N		Weekend	0%	23%	42%	53%	68%	80%	72%	57%	30%	15%	9%	8%	3%	3%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Comox Mun	Discovery Marina South	French Ck	Kitty Coleman	Pacific Play	Schooner	Union Bay
28 Apr 2023	Midweek								
29 Apr 2023	Weekend								
30 Apr 2023	Weekend								
01 May 2023	Midweek		choppy						
02 May 2023	Midweek				calm/rippled				calm/rippled
03 May 2023	Midweek								
04 May 2023	Midweek								
05 May 2023	Midweek								
06 May 2023	Weekend								
07 May 2023	Weekend		calm/rippled					calm/rippled	
08 May 2023	Midweek			calm/rippled	calm/rippled				
09 May 2023	Midweek					calm/rippled			
10 May 2023	Midweek								calm/rippled
11 May 2023	Midweek								choppy
12 May 2023	Midweek			calm/rippled					
13 May 2023	Weekend		calm/rippled		calm/rippled		calm/rippled		
14 May 2023	Weekend	calm/rippled							calm/rippled
15 May 2023	Midweek								
16 May 2023	Midweek		calm/rippled						
17 May 2023	Midweek								
18 May 2023	Midweek				calm/rippled		choppy		
19 May 2023	Midweek								
20 May 2023	Weekend		calm/rippled				choppy	calm/rippled	
21 May 2023	Weekend								
22 May 2023	Weekend								
23 May 2023	Midweek								
24 May 2023	Midweek								
25 May 2023	Midweek				choppy				
26 May 2023	Midweek								
27 May 2023	Weekend				choppy		choppy	choppy	
28 May 2023	Weekend								
29 May 2023	Midweek							frequent whitecaps	
30 May 2023	Midweek								
31 May 2023	Midweek								
01 Jun 2023	Midweek								
02 Jun 2023	Midweek				choppy	calm/rippled			
03 Jun 2023	Weekend								