

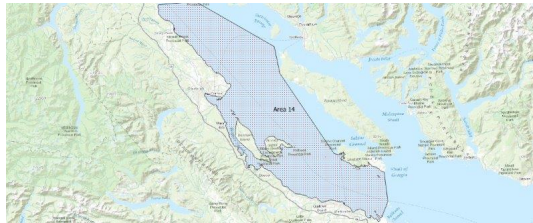
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 14 June 2019



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

**your  
catch  
counts**

**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	Westview
		PM	AM	PM	AM	PM	PM	PM	AM
29 May 2019	Midweek								
30 May 2019	Midweek								
31 May 2019	Midweek								
01 Jun 2019	Weekend								
02 Jun 2019	Weekend							1	
03 Jun 2019	Midweek								
04 Jun 2019	Midweek								
05 Jun 2019	Midweek								
06 Jun 2019	Midweek								
07 Jun 2019	Midweek								
08 Jun 2019	Weekend								
09 Jun 2019	Weekend		10						
10 Jun 2019	Midweek								
11 Jun 2019	Midweek		6						
12 Jun 2019	Midweek			6					
13 Jun 2019	Midweek								
14 Jun 2019	Midweek								
15 Jun 2019	Weekend							1	
16 Jun 2019	Weekend			27					
17 Jun 2019	Midweek								
18 Jun 2019	Midweek								
19 Jun 2019	Midweek								
20 Jun 2019	Midweek								
21 Jun 2019	Midweek								
22 Jun 2019	Weekend	7		12					
23 Jun 2019	Weekend								
24 Jun 2019	Midweek					5			
25 Jun 2019	Midweek				2				
26 Jun 2019	Midweek						1		
27 Jun 2019	Midweek								
28 Jun 2019	Midweek								
29 Jun 2019	Weekend								
30 Jun 2019	Weekend								1
01 Jul 2019	Weekend	14							
02 Jul 2019	Midweek								
03 Jul 2019	Midweek			11					

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-May-2019	Wednesday		1							
30-May-2019	Thursday		1							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		1					25	1114	48
02-Jun-2019	Sunday	choppy	1							
03-Jun-2019	Monday		1							
04-Jun-2019	Tuesday		1							
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday		1		2			8	1158	24
08-Jun-2019	Saturday		1		1					
09-Jun-2019	Sunday	choppy	11		2			23	1214	41
10-Jun-2019	Monday		1		1					
11-Jun-2019	Tuesday	choppy	7		4					
12-Jun-2019	Wednesday	calm/rippled	7		3					
13-Jun-2019	Thursday		1					6	1205	17
14-Jun-2019	Friday		1							
15-Jun-2019	Saturday	calm/rippled	2		1					
16-Jun-2019	Sunday	calm/rippled	29		5					
17-Jun-2019	Monday		2							
18-Jun-2019	Tuesday		0							
19-Jun-2019	Wednesday		0							
20-Jun-2019	Thursday		0					0	1155	0
21-Jun-2019	Friday		1							
22-Jun-2019	Saturday	choppy	20		4			28	1159	47
23-Jun-2019	Sunday		2							
24-Jun-2019	Monday	calm/rippled	7							
25-Jun-2019	Tuesday	calm/rippled	4							
26-Jun-2019	Wednesday	calm/rippled	2		2			19	1203	51
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday		2		2					
29-Jun-2019	Saturday		1		1			66	1157	112
30-Jun-2019	Sunday	calm/rippled	2							
01-Jul-2019	Monday (Canada Day)	calm/rippled	15		1					
02-Jul-2019	Tuesday		1							
03-Jul-2019	Wednesday	frequent whitecaps	11		1					
	Totals	calm/rippled	38		14			8*		23*
	Totals	choppy	70		14			36*		62*

\* 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	23	20	460		0.3680				169		
Weekend	62	10	620		0.20				124		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	1868	1209	156		
2015	June	3547	1039	186		1
2016	June	2838	1359	700		25
2017	June	4322	3365	397		23
2018	June	3099	3031	1288		
2019	June	1266	3	194		0
5-Yr Avg	June	3135	2001	545		16

**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
Coho	194	100%	21%	456	100%	9%	40
Chinook	3	100%	100%		%		3

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	108	5%
iRec Anglers	2427	14%
iRec Responses	78	5%

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

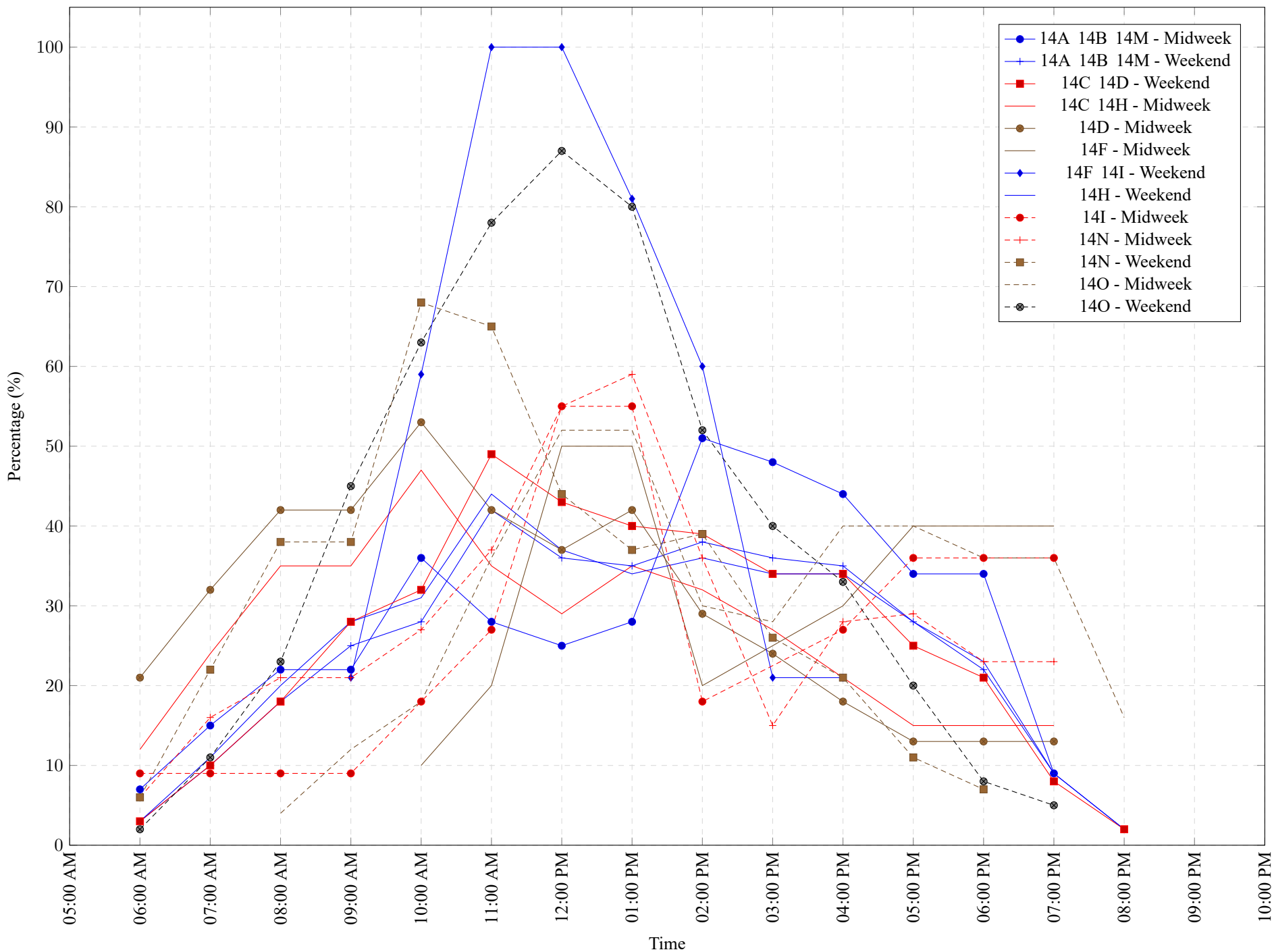


Table 7: Proportion of each day's fishing by hour.

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	7%	15%	22%	22%	36%	28%	25%	28%	51%	48%	44%	34%	34%	9%	0%	0%	0%
14A 14B 14M			Weekend	3%	10%	18%	25%	28%	42%	36%	35%	38%	36%	35%	28%	22%	9%	2%	0%	0%
14C 14D			Weekend	3%	10%	18%	28%	32%	49%	43%	40%	39%	34%	34%	25%	21%	8%	2%	0%	0%
14C 14H			Midweek	12%	24%	35%	35%	47%	35%	29%	35%	32%	27%	21%	15%	15%	15%	0%	0%	0%
14D			Midweek	21%	32%	42%	42%	53%	42%	37%	42%	29%	24%	18%	13%	13%	13%	0%	0%	0%
14F			Midweek	0%	0%	0%	0%	10%	20%	50%	50%	20%	0%	30%	40%	40%	40%	0%	0%	0%
14F 14I			Weekend	0%	0%	0%	21%	59%	100%	100%	81%	60%	21%	21%	0%	0%	0%	0%	0%	0%
14H			Weekend	3%	11%	20%	28%	31%	44%	37%	34%	36%	34%	34%	28%	23%	9%	2%	0%	0%
14I			Midweek	9%	9%	9%	9%	18%	27%	55%	55%	18%	0%	27%	36%	36%	36%	0%	0%	0%
14N			Midweek	6%	16%	21%	21%	27%	37%	55%	59%	36%	15%	28%	29%	23%	23%	0%	0%	0%
14N			Weekend	6%	22%	38%	38%	68%	65%	44%	37%	39%	26%	21%	11%	7%	0%	0%	0%	0%
14O			Midweek	0%	0%	4%	12%	18%	36%	52%	52%	30%	28%	40%	40%	36%	36%	16%	0%	0%
14O			Weekend	2%	11%	23%	45%	63%	78%	87%	80%	52%	40%	33%	20%	8%	5%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Comox Mun	French Ck	Kitty Coleman	Pacific Play	Schooner	Westview
29 May 2019	Midweek						
30 May 2019	Midweek						
31 May 2019	Midweek						
01 Jun 2019	Weekend						
02 Jun 2019	Weekend					choppy	
03 Jun 2019	Midweek						
04 Jun 2019	Midweek						
05 Jun 2019	Midweek						
06 Jun 2019	Midweek						
07 Jun 2019	Midweek						
08 Jun 2019	Weekend						
09 Jun 2019	Weekend		choppy				
10 Jun 2019	Midweek						
11 Jun 2019	Midweek		choppy				
12 Jun 2019	Midweek		calm/rippled				
13 Jun 2019	Midweek						
14 Jun 2019	Midweek						
15 Jun 2019	Weekend					calm/rippled	
16 Jun 2019	Weekend		calm/rippled				
17 Jun 2019	Midweek						
18 Jun 2019	Midweek						
19 Jun 2019	Midweek						
20 Jun 2019	Midweek						
21 Jun 2019	Midweek						
22 Jun 2019	Weekend	choppy	frequent whitecaps				
23 Jun 2019	Weekend						
24 Jun 2019	Midweek			calm/rippled			
25 Jun 2019	Midweek			calm/rippled			
26 Jun 2019	Midweek				calm/rippled		
27 Jun 2019	Midweek						
28 Jun 2019	Midweek						
29 Jun 2019	Weekend						
30 Jun 2019	Weekend						calm/rippled
01 Jul 2019	Weekend	calm/rippled					
02 Jul 2019	Midweek						
03 Jul 2019	Midweek		frequent whitecaps				