FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 July 2023



Prepared By: South Coast Salmon Stock Assessment Section

Friday 9th February, 2024

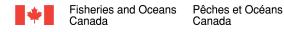




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

· ·			ın Bay	01011011	Ramp	Lady- smith		Bay	Park R	(Tulista
Day Type	PM	AM	PM	AM	PM	PM	AM	PM	AM	PM
Midweek						2 2.2				5
Midweek										-
Midweek								1		
Weekend			7					-		
Weekend			,			2				
Weekend			8			_				1
Midweek										•
Midweek										
Midweek				1						
Midweek				•						
Weekend	1									
Weekend	•								7	
Midweek									,	
Midweek				1						
Midweek		5		•					1	
Midweek		3	4						1	
Midweek			7							
Weekend										
Weekend		5								
Midweek		J								1
Midweek										
Midweek									1	
Midweek									1	
Midweek								2		
Weekend										3
Weekend								3	4	3
Midweek										
Midweek										
Midweek			3							
Midweek			5		1				1	
Midweek					1		1		1	
Weekend							1			
Weekend							1			
Midweek							•			
Midweek										
Midweek			7							
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-Jun-2023	Wednesday	choppy	12							
29-Jun-2023	Thursday	***	9							
30-Jun-2023	Friday	choppy	1					11	1032	18
01-Jul-2023	Saturday	choppy	7					20	1054	41
02-Jul-2023	Sunday	choppy	2					11	1029	22
03-Jul-2023	Monday (Canada Day)	calm/rippled	9							
04-Jul-2023	Tuesday		6					8	1113	16
05-Jul-2023	Wednesday		11							
06-Jul-2023	Thursday	calm/rippled	9							
07-Jul-2023	Friday		0							
08-Jul-2023	Saturday	choppy	1					22	1121	48
09-Jul-2023	Sunday	calm/rippled	7							
10-Jul-2023	Monday		1					10	1121	20
11-Jul-2023	Tuesday	calm/rippled	7							
12-Jul-2023	Wednesday	choppy	13							
13-Jul-2023	Thursday	choppy	12							
14-Jul-2023	Friday		0					11	1031	19
15-Jul-2023	Saturday		0					26	1039	52
16-Jul-2023	Sunday	choppy	5							
17-Jul-2023	Monday	calm/rippled	1							
18-Jul-2023	Tuesday		5							
19-Jul-2023	Wednesday	calm/rippled	6					8	1106	16
20-Jul-2023	Thursday		6							
21-Jul-2023	Friday	calm/rippled	2	1						
22-Jul-2023	Saturday	calm/rippled	3					16	1117	35
23-Jul-2023	Sunday	calm/rippled	7							
24-Jul-2023	Monday		0					3	1117	6
25-Jul-2023	Tuesday		10							
26-Jul-2023	Wednesday	calm/rippled	11							
27-Jul-2023	Thursday	calm/rippled	4							
28-Jul-2023	Friday	choppy	2							
29-Jul-2023	Saturday		0							
30-Jul-2023	Sunday	choppy	2							
31-Jul-2023	Monday		0							
01-Aug-2023	Tuesday		0							
02-Aug-2023	Wednesday	calm/rippled	8	2				16	1033	27
03-Aug-2023	Thursday		0							
	Totals	calm/rippled	106	1				8*		15*
	Totals	choppy	43					19*		40^{*}

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

					C	PUE			Ret	ained	
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Midweek	15	20	300	0.009				3			
Weekend	40	11	440								

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

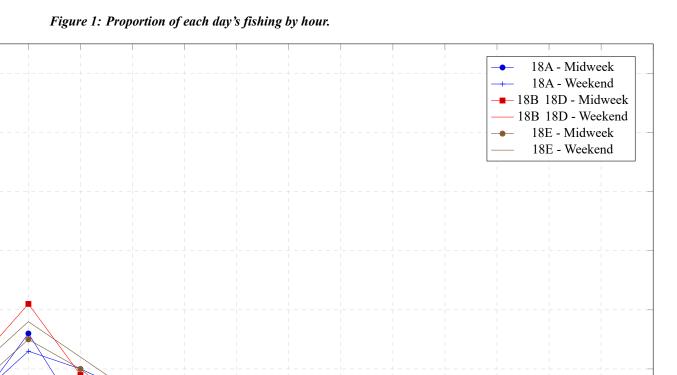
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	July	1055	124	12		
2019	July	358	0			0
2020	July	1239	0	0		0
2021	July	860	0	0		0
2022	July	987	0	0		0
2023	July	780	18	0		0
5-Yr Avg	July	900	25	3		0

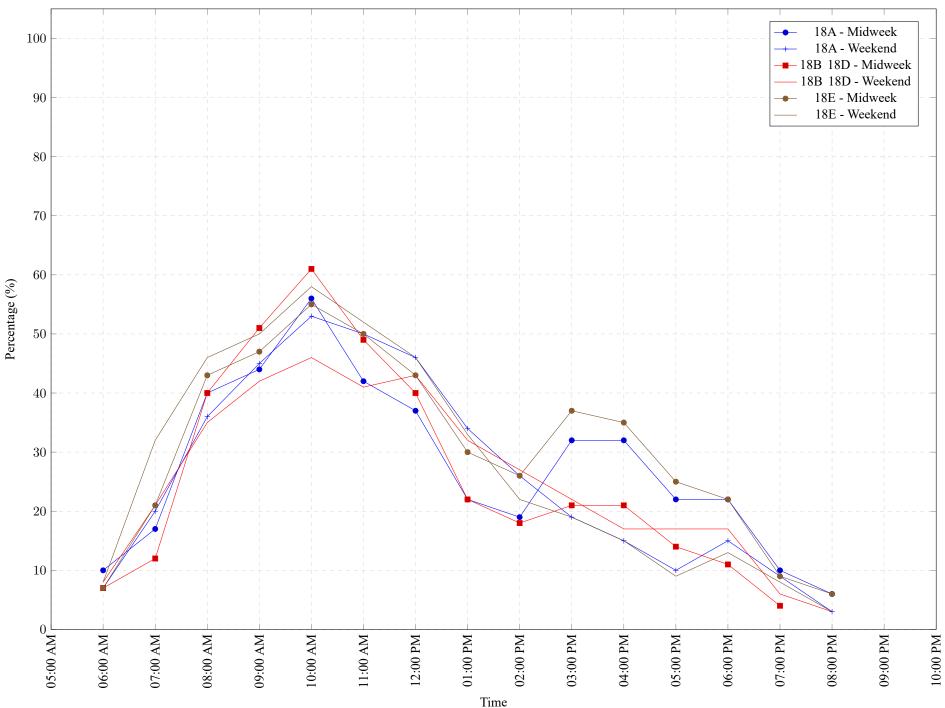
Table 5: Sport Head Recovery Review.

Species	Creel Creel	Creel	iRec iRec	iRec	Sport Head
	Marked Mark	Submission	Marked Mark	Submission	Recoveries
	Catch Rate	Rate	Catch Rate	Rate	

Table 6: Guided Proprtions Review.

11% 16%





Area 18 July 2023

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										
18A	Midweek	10%	17%	40%	44%	56%	42%	37%	22%	19%	32%	32%	22%	22%	10%	6%	0%	0%
18A	Weekend	7%	20%	36%	45%	53%	50%	46%	34%	26%	19%	15%	10%	15%	9%	3%	0%	0%
18B 18D	Midweek	7%	12%	40%	51%	61%	49%	40%	22%	18%	21%	21%	14%	11%	4%	0%	0%	0%
18B 18D	Weekend	8%	21%	35%	42%	46%	41%	43%	32%	27%	22%	17%	17%	17%	6%	3%	0%	0%
18E	Midweek	7%	21%	43%	47%	55%	50%	43%	30%	26%	37%	35%	25%	22%	9%	6%	0%	0%
18E	Weekend	8%	32%	46%	50%	58%	52%	46%	33%	22%	19%	15%	9%	13%	8%	3%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cowichan Bay	Crofton Ramp	Ladysmith	Mill Bay	Sidney (Tulista Park Ramp)
28 Jun 2023	Midweek						choppy
29 Jun 2023	Midweek						
30 Jun 2023	Midweek					choppy	
01 Jul 2023	Weekend		choppy				
02 Jul 2023	Weekend				choppy		
03 Jul 2023	Weekend		calm/rippled				calm/rippled
04 Jul 2023	Midweek		• •				
05 Jul 2023	Midweek						
06 Jul 2023	Midweek			calm/rippled			
07 Jul 2023	Midweek						
08 Jul 2023	Weekend	choppy					
09 Jul 2023	Weekend						calm/rippled
10 Jul 2023	Midweek						
11 Jul 2023	Midweek			calm/rippled			
12 Jul 2023	Midweek		choppy				calm/rippled
13 Jul 2023	Midweek		choppy				
14 Jul 2023	Midweek						
15 Jul 2023	Weekend						
16 Jul 2023	Weekend		choppy				
17 Jul 2023	Midweek						calm/rippled
18 Jul 2023	Midweek						
19 Jul 2023	Midweek						calm/rippled
20 Jul 2023	Midweek						
21 Jul 2023	Midweek					calm/rippled	
22 Jul 2023	Weekend						calm/rippled
23 Jul 2023	Weekend					choppy	calm/rippled
24 Jul 2023	Midweek						
25 Jul 2023	Midweek						
26 Jul 2023	Midweek		calm/rippled				
27 Jul 2023	Midweek			calm/rippled			choppy
28 Jul 2023	Midweek					choppy	
29 Jul 2023	Weekend						
30 Jul 2023	Weekend					choppy	
31 Jul 2023	Midweek						
01 Aug 2023	Midweek						
02 Aug 2023	Midweek		calm/rippled				
03 Aug 2023	Midweek						