

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 May 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Friday 19th July, 2024



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Canada

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Canada



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

		Brechin		Cattle Point		Cowichan Bay		Flem-ming	Lady-smith	Mill Bay		Sidney (Tulista Park Ramp)		Sooke Harbour Marina
Date	Day Type	AM	PM	AM	PM	AM	PM	PM	PM	AM	PM	AM	PM	PM
28 Apr 2024	Weekend											1		
29 Apr 2024	Midweek													
30 Apr 2024	Midweek													
01 May 2024	Midweek									2				
02 May 2024	Midweek													
03 May 2024	Midweek											5		
04 May 2024	Weekend			4						3				
05 May 2024	Weekend													
06 May 2024	Midweek													
07 May 2024	Midweek			3										
08 May 2024	Midweek	1										3		
09 May 2024	Midweek													
10 May 2024	Midweek													
11 May 2024	Weekend		1											
12 May 2024	Weekend											3		
13 May 2024	Midweek							1						
14 May 2024	Midweek													1
15 May 2024	Midweek													
16 May 2024	Midweek													
17 May 2024	Midweek													
18 May 2024	Weekend													
19 May 2024	Weekend									1				
20 May 2024	Weekend													
21 May 2024	Midweek								1					
22 May 2024	Midweek				1									
23 May 2024	Midweek													
24 May 2024	Midweek													
25 May 2024	Weekend			1								4		
26 May 2024	Weekend												1	
27 May 2024	Midweek													
28 May 2024	Midweek													
29 May 2024	Midweek												1	
30 May 2024	Midweek													
31 May 2024	Midweek													
01 Jun 2024	Weekend											1		
02 Jun 2024	Weekend													
03 Jun 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
28-Apr-2024	Sunday	choppy	1							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday	calm/rippled	8							
02-May-2024	Thursday		5					14	1104	25
03-May-2024	Friday	calm/rippled	5							
04-May-2024	Saturday	calm/rippled	4	1						
05-May-2024	Sunday	choppy	3							
06-May-2024	Monday		0							
07-May-2024	Tuesday	choppy	10							
08-May-2024	Wednesday	calm/rippled	14	1						
09-May-2024	Thursday		4							
10-May-2024	Friday		0					4	1113	8
11-May-2024	Saturday	calm/rippled	1					13	1123	26
12-May-2024	Sunday	choppy	3					17	1102	34
13-May-2024	Monday	choppy	1							
14-May-2024	Tuesday	calm/rippled	7							
15-May-2024	Wednesday		6							
16-May-2024	Thursday		9							
17-May-2024	Friday		0					5	1106	9
18-May-2024	Saturday		0							
19-May-2024	Sunday	choppy	1							
20-May-2024	Monday (Victoria Day)		0					24	1120	48
21-May-2024	Tuesday	choppy	5							
22-May-2024	Wednesday	choppy	11							
23-May-2024	Thursday		8							
24-May-2024	Friday		0							
25-May-2024	Saturday	choppy	5					13	1040	26
26-May-2024	Sunday	calm/rippled	1							
27-May-2024	Monday		0							
28-May-2024	Tuesday		4							
29-May-2024	Wednesday	calm/rippled	8	1						
30-May-2024	Thursday		8					10	1055	15
31-May-2024	Friday		0							
01-Jun-2024	Saturday		0					19	1201	40
02-Jun-2024	Sunday	No Data	1							
03-Jun-2024	Monday		0							
	Totals	calm/rippled	113	2				8*		14*
	Totals	choppy	18	1				17*		34*

* 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	14	22	308	0.018				6			
Weekend	34	9	306	0.056				17			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	May	811	0			1
2020	May	831				
2021	May	997	0	0		0
2022	May	810	0			0
2023	May	966	105			0
2024	May	679	19	0		0
5-Yr Avg	May	883	26	0		0

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	77	9%
iRec Anglers	1419	14%

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

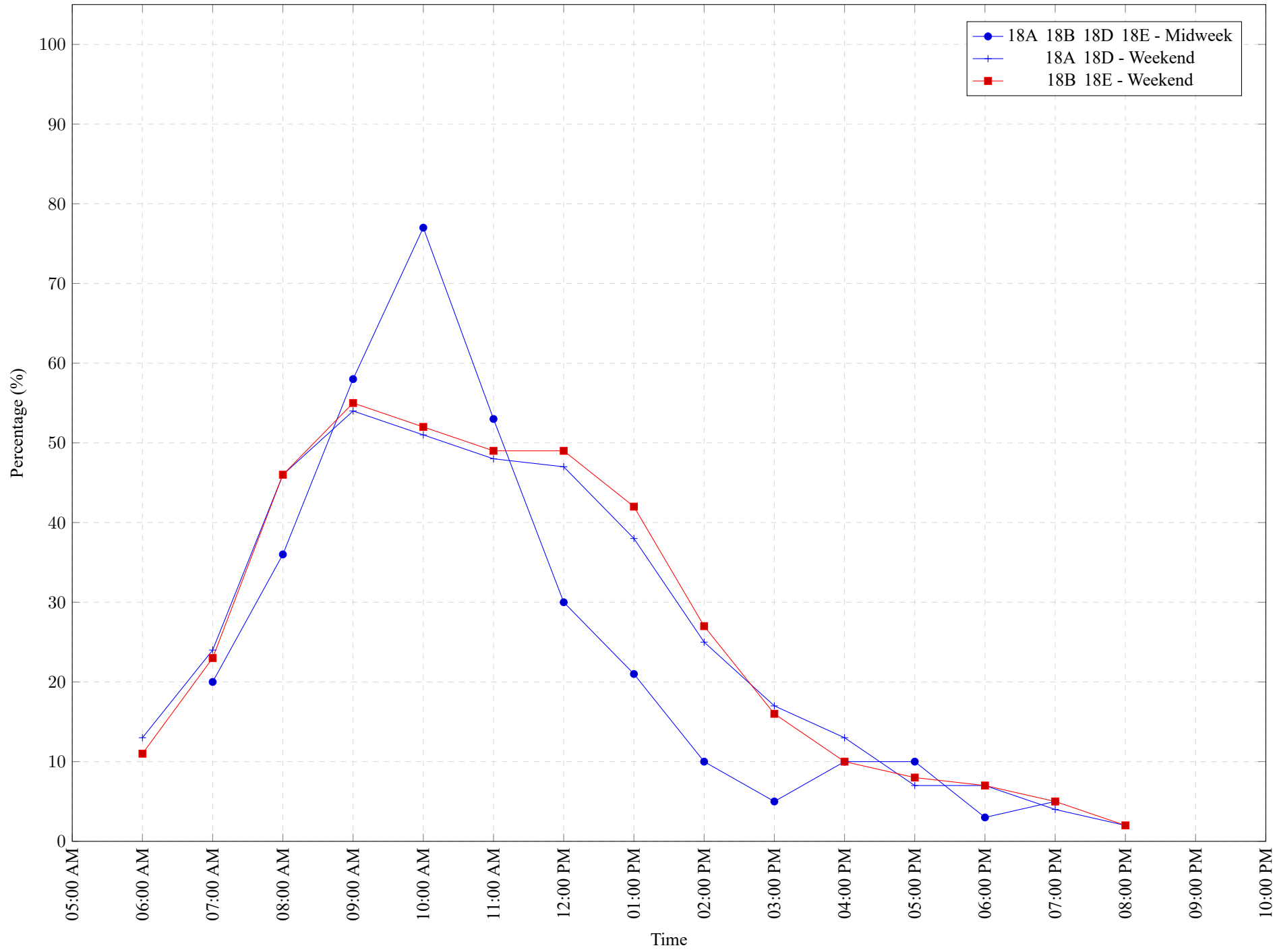


Table 7: Proportion of each day's fishing by hour.

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
18A	18B	18D	18E	Midweek	0%	20%	36%	58%	77%	53%	30%	21%	10%	5%	10%	10%	3%	5%	0%	0%	0%
18A	18D			Weekend	13%	24%	46%	54%	51%	48%	47%	38%	25%	17%	13%	7%	7%	4%	2%	0%	0%
18B	18E			Weekend	11%	23%	46%	55%	52%	49%	49%	42%	27%	16%	10%	8%	7%	5%	2%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cattle Point	Cowichan Bay	Flemming	Ladysmith	Mill Bay	Sidney (Tulista Park Ramp)	Sooke Harbour Marina	
28 Apr 2024	Weekend							choppy		
29 Apr 2024	Midweek									
30 Apr 2024	Midweek									
01 May 2024	Midweek							calm/rippled		
02 May 2024	Midweek									
03 May 2024	Midweek							calm/rippled		
04 May 2024	Weekend	calm/rippled								
05 May 2024	Weekend							choppy		
06 May 2024	Midweek									
07 May 2024	Midweek	choppy								
08 May 2024	Midweek	choppy							calm/rippled	
09 May 2024	Midweek									
10 May 2024	Midweek									
11 May 2024	Weekend	calm/rippled								
12 May 2024	Weekend							choppy		
13 May 2024	Midweek	choppy								
14 May 2024	Midweek								calm/rippled	
15 May 2024	Midweek									
16 May 2024	Midweek									
17 May 2024	Midweek									
18 May 2024	Weekend									
19 May 2024	Weekend							choppy		
20 May 2024	Weekend									
21 May 2024	Midweek							choppy		
22 May 2024	Midweek	choppy								
23 May 2024	Midweek									
24 May 2024	Midweek									
25 May 2024	Weekend	choppy						choppy		
26 May 2024	Weekend							calm/rippled		
27 May 2024	Midweek									
28 May 2024	Midweek									
29 May 2024	Midweek							calm/rippled		
30 May 2024	Midweek									
31 May 2024	Midweek									
01 Jun 2024	Weekend							No Data		
02 Jun 2024	Weekend									
03 Jun 2024	Midweek									