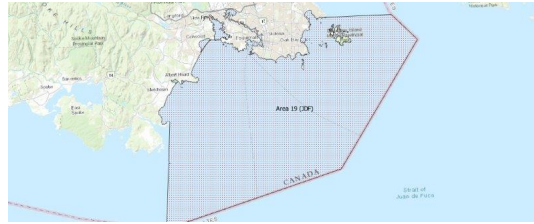


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) April 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 12th June, 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	Cattle Point			Flemming		Pedder Bay		Sidney (Tulista Park Ramp)
		AM	MD	PM	AM	PM	AM	PM	MD
29 Mar 2024	Weekend								
30 Mar 2024	Weekend								
31 Mar 2024	Weekend		11						1
01 Apr 2024	Midweek						14		
02 Apr 2024	Midweek								
03 Apr 2024	Midweek								
04 Apr 2024	Midweek	1							
05 Apr 2024	Midweek								
06 Apr 2024	Weekend						6		
07 Apr 2024	Weekend								
08 Apr 2024	Midweek							1	
09 Apr 2024	Midweek								
10 Apr 2024	Midweek								
11 Apr 2024	Midweek			2					
12 Apr 2024	Midweek								
13 Apr 2024	Weekend			6					
14 Apr 2024	Weekend								
15 Apr 2024	Midweek								
16 Apr 2024	Midweek					2			
17 Apr 2024	Midweek								
18 Apr 2024	Midweek			1					
19 Apr 2024	Midweek								
20 Apr 2024	Weekend				2				
21 Apr 2024	Weekend								
22 Apr 2024	Midweek								
23 Apr 2024	Midweek				6				
24 Apr 2024	Midweek								
25 Apr 2024	Midweek								
26 Apr 2024	Midweek								
27 Apr 2024	Weekend					4			
28 Apr 2024	Weekend								
29 Apr 2024	Midweek								
30 Apr 2024	Midweek								
01 May 2024	Midweek								
02 May 2024	Midweek				19		14		
03 May 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
29-Mar-2024	Friday (Good Friday)		0							
30-Mar-2024	Saturday		0					56	1121	128
31-Mar-2024	Sunday	calm/rippled	12							
01-Apr-2024	Monday	choppy	14				7	20	1140	38
02-Apr-2024	Tuesday		3							
03-Apr-2024	Wednesday		6							
04-Apr-2024	Thursday	choppy	6	1						
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday		0							
07-Apr-2024	Sunday	choppy	6	2				24	1138	55
08-Apr-2024	Monday	calm/rippled	1							
09-Apr-2024	Tuesday		1					1	1123	2
10-Apr-2024	Wednesday		2							
11-Apr-2024	Thursday	calm/rippled	5	1						
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday	choppy	6	1			4	19	1112	43
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday	choppy	5				1			
17-Apr-2024	Wednesday		3					52	1119	97
18-Apr-2024	Thursday	calm/rippled	4							
19-Apr-2024	Friday		0							
20-Apr-2024	Saturday	choppy	2							
21-Apr-2024	Sunday		0					15	1125	35
22-Apr-2024	Monday		0							
23-Apr-2024	Tuesday	calm/rippled	13	1				17	1119	32
24-Apr-2024	Wednesday		4							
25-Apr-2024	Thursday		4							
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday	choppy	4	1				8	1128	18
28-Apr-2024	Sunday		0							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		2							
01-May-2024	Wednesday		2							
02-May-2024	Thursday	calm/rippled	38	4			19	70	1025	107
03-May-2024	Friday		0							
	Totals	calm/rippled	73	3			8	23*		42*
	Totals	choppy	18	4			4	17*		38*

* 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
Weekend	38	8	304	0.222			0.222	67			67
Midweek	42	22	924	0.041			0.11	38			102

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	April	853	75			278
2021	April	708	0			210
2022	April	327	0			140
2023	April	880	0			626
2024	April	1367	217			389
5-Yr Avg	April	692	19			314

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	71	6%
iRec Anglers	1182	18%

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

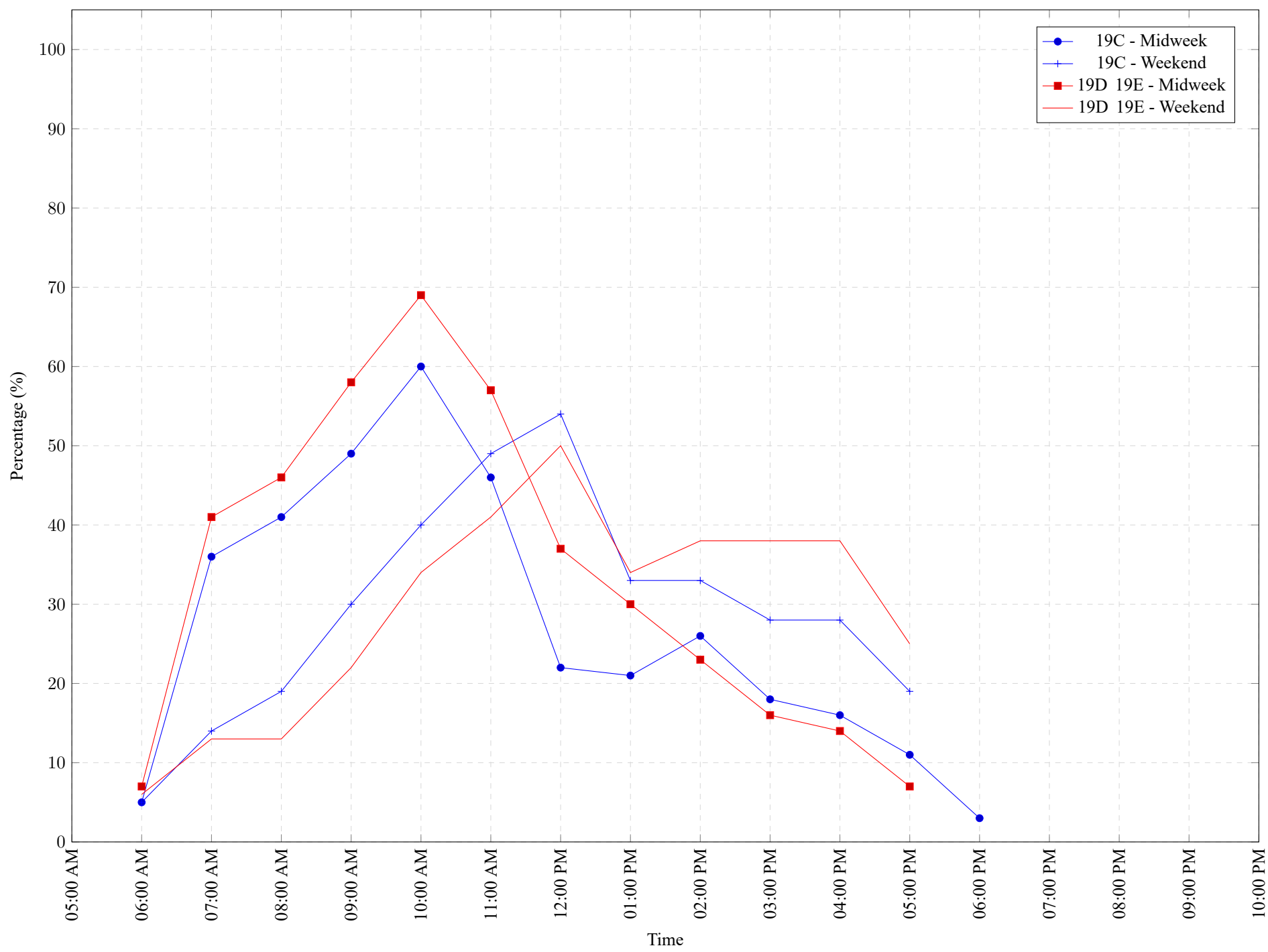


Table 7: Proportion of each day's fishing by hour.

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
19C	Midweek	5%	36%	41%	49%	60%	46%	22%	21%	26%	18%	16%	11%	3%	0%	0%	0%	0%
19C	Weekend	5%	14%	19%	30%	40%	49%	54%	33%	33%	28%	28%	19%	0%	0%	0%	0%	0%
19D 19E	Midweek	7%	41%	46%	58%	69%	57%	37%	30%	23%	16%	14%	7%	0%	0%	0%	0%	0%
19D 19E	Weekend	6%	13%	13%	22%	34%	41%	50%	34%	38%	38%	38%	25%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Flemming	Pedder Bay	Sidney (Tulista Park Ramp)
29 Mar 2024	Weekend				
30 Mar 2024	Weekend				
31 Mar 2024	Weekend	calm/rippled			calm/rippled
01 Apr 2024	Midweek			choppy	
02 Apr 2024	Midweek				
03 Apr 2024	Midweek				
04 Apr 2024	Midweek	choppy			
05 Apr 2024	Midweek				
06 Apr 2024	Weekend				
07 Apr 2024	Weekend			choppy	
08 Apr 2024	Midweek			calm/rippled	
09 Apr 2024	Midweek				
10 Apr 2024	Midweek				
11 Apr 2024	Midweek	calm/rippled			
12 Apr 2024	Midweek				
13 Apr 2024	Weekend	choppy			
14 Apr 2024	Weekend				
15 Apr 2024	Midweek				
16 Apr 2024	Midweek		choppy		
17 Apr 2024	Midweek				
18 Apr 2024	Midweek	calm/rippled			
19 Apr 2024	Midweek				
20 Apr 2024	Weekend		choppy		
21 Apr 2024	Weekend				
22 Apr 2024	Midweek				
23 Apr 2024	Midweek		calm/rippled		
24 Apr 2024	Midweek				
25 Apr 2024	Midweek				
26 Apr 2024	Midweek				
27 Apr 2024	Weekend		choppy		
28 Apr 2024	Weekend				
29 Apr 2024	Midweek				
30 Apr 2024	Midweek				
01 May 2024	Midweek				
02 May 2024	Midweek		calm/rippled	calm/rippled	
03 May 2024	Midweek				