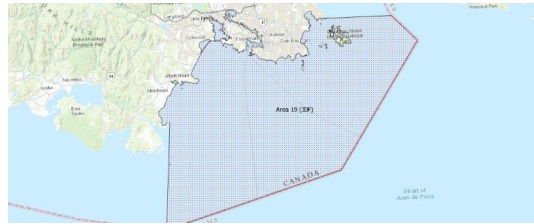


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) March 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 9th May, 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)
		MD	MD	AM	MD	MD
27 Feb 2024	Midweek					
28 Feb 2024	Midweek					
29 Feb 2024	Midweek					
01 Mar 2024	Midweek					
02 Mar 2024	Weekend				3	
03 Mar 2024	Weekend		3			
04 Mar 2024	Midweek		4			
05 Mar 2024	Midweek					
06 Mar 2024	Midweek					
07 Mar 2024	Midweek	5				
08 Mar 2024	Midweek		3			
09 Mar 2024	Weekend	1				
10 Mar 2024	Weekend		8			
11 Mar 2024	Midweek					
12 Mar 2024	Midweek					
13 Mar 2024	Midweek					
14 Mar 2024	Midweek					
15 Mar 2024	Midweek		13			
16 Mar 2024	Weekend		21			
17 Mar 2024	Weekend				27	
18 Mar 2024	Midweek	8			12	
19 Mar 2024	Midweek					
20 Mar 2024	Midweek					
21 Mar 2024	Midweek					
22 Mar 2024	Midweek					
23 Mar 2024	Weekend	5				
24 Mar 2024	Weekend				22	
25 Mar 2024	Midweek					
26 Mar 2024	Midweek				3	
27 Mar 2024	Midweek					
28 Mar 2024	Midweek					
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					

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
27-Feb-2024	Tuesday		0							
28-Feb-2024	Wednesday		0							
29-Feb-2024	Thursday		0							
01-Mar-2024	Friday		0					0	1118	0
02-Mar-2024	Saturday	choppy	3				3			
03-Mar-2024	Sunday	choppy	3							
04-Mar-2024	Monday	choppy	4	2						
05-Mar-2024	Tuesday		0							
06-Mar-2024	Wednesday		0							
07-Mar-2024	Thursday	calm/rippled	5	3			3			
08-Mar-2024	Friday	frequent whitecaps	3	1						
09-Mar-2024	Saturday	frequent whitecaps	1							
10-Mar-2024	Sunday	calm/rippled	8				1	10	1118	15
11-Mar-2024	Monday		0							
12-Mar-2024	Tuesday		0							
13-Mar-2024	Wednesday		0					16	1114	22
14-Mar-2024	Thursday		0							
15-Mar-2024	Friday	calm/rippled	13	10						
16-Mar-2024	Saturday	choppy	21	10			7	34	1124	47
17-Mar-2024	Sunday	choppy	27	4			23			
18-Mar-2024	Monday	calm/rippled	20	6			11			
19-Mar-2024	Tuesday		0							
20-Mar-2024	Wednesday		0							
21-Mar-2024	Thursday		0							
22-Mar-2024	Friday		0					16	1117	23
23-Mar-2024	Saturday	choppy	5							
24-Mar-2024	Sunday	calm/rippled	22	2			12			
25-Mar-2024	Monday		0							
26-Mar-2024	Tuesday	frequent whitecaps	3							
27-Mar-2024	Wednesday		0							
28-Mar-2024	Thursday		0							
29-Mar-2024	Friday (Good Friday)		0							
30-Mar-2024	Saturday		0					56	1121	78
31-Mar-2024	Sunday	calm/rippled	12							
01-Apr-2024	Monday	choppy	14				7	20	1140	29
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
	Totals	choppy	48	22			14	11*		15*
	Totals	choppy	102	16			46	33*		47*

* 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	47	11	517	0.157			0.451	81			233
Midweek	15	20	300	0.458			0.292	137			88

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2021	March	1547	508			511
2022	March	746	264			147
2023	March	560	517	0		139
2024	March	807	234			353
5-Yr Avg	March	951	430	0		266

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	150	3%
iRec Anglers	2041	8%

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

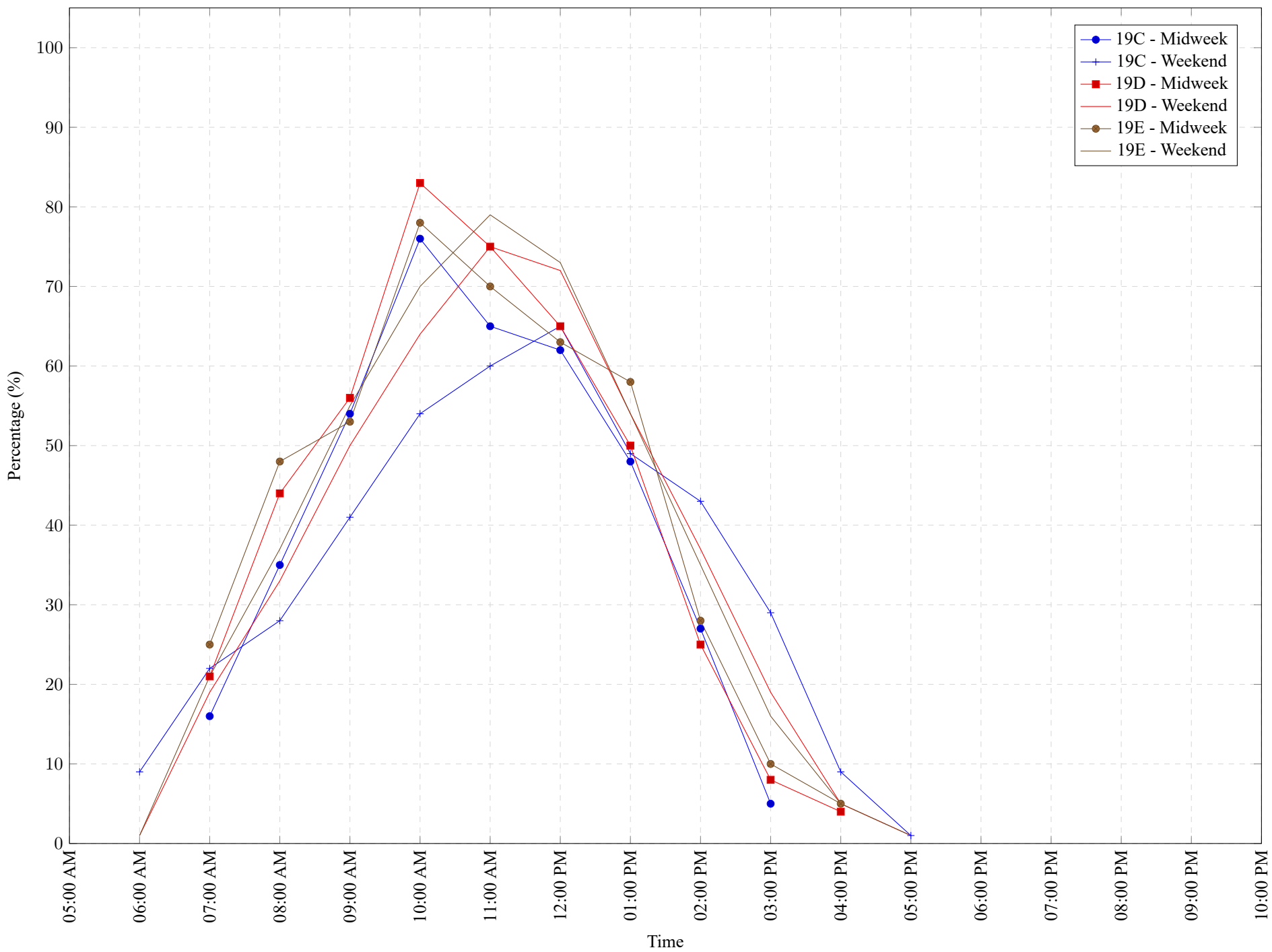


Table 7: Proportion of each day's fishing by hour.

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	0%	16%	35%	54%	76%	65%	62%	48%	27%	5%	0%	0%	0%	0%	0%	0%	0%
19C	Weekend	9%	22%	28%	41%	54%	60%	65%	49%	43%	29%	9%	1%	0%	0%	0%	0%	0%
19D	Midweek	0%	21%	44%	56%	83%	75%	65%	50%	25%	8%	4%	0%	0%	0%	0%	0%	0%
19D	Weekend	1%	19%	33%	50%	64%	75%	72%	54%	37%	19%	5%	1%	0%	0%	0%	0%	0%
19E	Midweek	0%	25%	48%	53%	78%	70%	63%	58%	28%	10%	5%	0%	0%	0%	0%	0%	0%
19E	Weekend	1%	21%	37%	55%	70%	79%	73%	54%	35%	16%	5%	1%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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