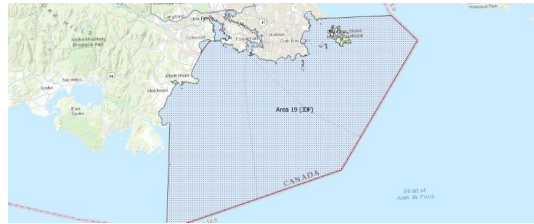


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) March 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 7th February, 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 MD	Flemming		Pedder Bay	
			MD	PM	MD	PM
26 Feb 2023	Weekend					
27 Feb 2023	Midweek					
28 Feb 2023	Midweek					
01 Mar 2023	Midweek		3			
02 Mar 2023	Midweek					
03 Mar 2023	Midweek					
04 Mar 2023	Weekend					
05 Mar 2023	Weekend	4				
06 Mar 2023	Midweek					
07 Mar 2023	Midweek		2			
08 Mar 2023	Midweek	1				
09 Mar 2023	Midweek					
10 Mar 2023	Midweek					
11 Mar 2023	Weekend		17			
12 Mar 2023	Weekend					
13 Mar 2023	Midweek					
14 Mar 2023	Midweek		3			
15 Mar 2023	Midweek					
16 Mar 2023	Midweek					
17 Mar 2023	Midweek				11	
18 Mar 2023	Weekend				26	
19 Mar 2023	Weekend		22			
20 Mar 2023	Midweek					
21 Mar 2023	Midweek	2				
22 Mar 2023	Midweek				1	
23 Mar 2023	Midweek					
24 Mar 2023	Midweek		1			
25 Mar 2023	Weekend					
26 Mar 2023	Weekend	5			2	
27 Mar 2023	Midweek					
28 Mar 2023	Midweek		1			
29 Mar 2023	Midweek	7				
30 Mar 2023	Midweek					
31 Mar 2023	Midweek					
01 Apr 2023	Weekend					
02 Apr 2023	Weekend			16		29
03 Apr 2023	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
26-Feb-2023	Sunday		0							
27-Feb-2023	Monday		0							
28-Feb-2023	Tuesday		0							
01-Mar-2023	Wednesday	calm/rippled	3	8				11	1141	13
02-Mar-2023	Thursday		0							
03-Mar-2023	Friday		0							
04-Mar-2023	Saturday		0							
05-Mar-2023	Sunday	choppy	4					39	1146	45
06-Mar-2023	Monday		0							
07-Mar-2023	Tuesday	calm/rippled	2	5						
08-Mar-2023	Wednesday	choppy	1							
09-Mar-2023	Thursday		0							
10-Mar-2023	Friday		0							
11-Mar-2023	Saturday	choppy	17	17						
12-Mar-2023	Sunday		0					7	1141	8
13-Mar-2023	Monday		0							
14-Mar-2023	Tuesday	choppy	3	6			1			
15-Mar-2023	Wednesday		0							
16-Mar-2023	Thursday		0					17	1144	21
17-Mar-2023	Friday	choppy	11				8			
18-Mar-2023	Saturday	calm/rippled	26	10			8			
19-Mar-2023	Sunday	choppy	22	15			1	37	1143	43
20-Mar-2023	Monday		0							
21-Mar-2023	Tuesday	calm/rippled	2	2			1			
22-Mar-2023	Wednesday	choppy	1	3						
23-Mar-2023	Thursday		0							
24-Mar-2023	Friday	frequent whitecaps	1	1				0	1146	0
25-Mar-2023	Saturday		0							
26-Mar-2023	Sunday	choppy	7	5			1			
27-Mar-2023	Monday		0							
28-Mar-2023	Tuesday	frequent whitecaps	1							
29-Mar-2023	Wednesday	calm/rippled	7	4						
30-Mar-2023	Thursday		0							
31-Mar-2023	Friday		0							
01-Apr-2023	Saturday		0							
02-Apr-2023	Sunday	choppy	45				21	47	1018	53
03-Apr-2023	Monday		0							
	Totals	choppy	32	29			10	9*		11*
	Totals	choppy	76	47			10	28*		32*

* 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	32	8	256	0.618			0.132	158			34
Midweek	11	23	253	0.906			0.313	229			79

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	March	642	227			76
2021	March	1547	508			511
2022	March	746	264			147
2023	March	560	517	0		139
5-Yr Avg	March	978	333			245

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
Chinook	325	63%	5%	802	79%	2%	15

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	108	6%
iRec Anglers	1941	15%

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

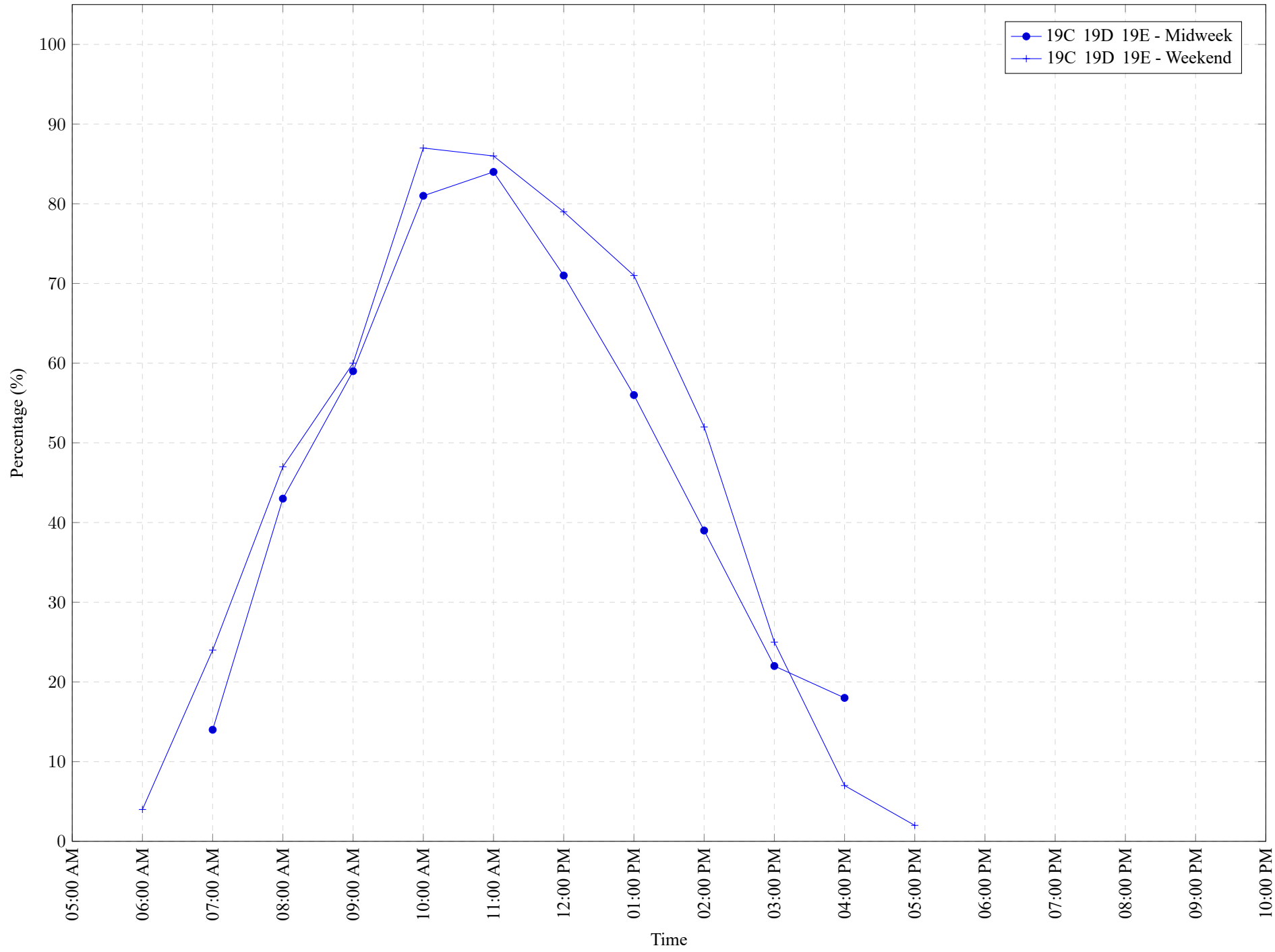


Table 7: Proportion of each day’s fishing by hour.

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	19D	19E	Midweek	0%	14%	43%	59%	81%	84%	71%	56%	39%	22%	18%	0%	0%	0%	0%	0%	0%
19C	19D	19E	Weekend	4%	24%	47%	60%	87%	86%	79%	71%	52%	25%	7%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Flemming	Pedder Bay
26 Feb 2023	Weekend			
27 Feb 2023	Midweek			
28 Feb 2023	Midweek			
01 Mar 2023	Midweek		calm/rippled	
02 Mar 2023	Midweek			
03 Mar 2023	Midweek			
04 Mar 2023	Weekend			
05 Mar 2023	Weekend	choppy		
06 Mar 2023	Midweek			
07 Mar 2023	Midweek		calm/rippled	
08 Mar 2023	Midweek	choppy		
09 Mar 2023	Midweek			
10 Mar 2023	Midweek			
11 Mar 2023	Weekend		choppy	
12 Mar 2023	Weekend			
13 Mar 2023	Midweek			
14 Mar 2023	Midweek		choppy	
15 Mar 2023	Midweek			
16 Mar 2023	Midweek			
17 Mar 2023	Midweek			choppy
18 Mar 2023	Weekend			calm/rippled
19 Mar 2023	Weekend		choppy	
20 Mar 2023	Midweek			
21 Mar 2023	Midweek	calm/rippled		
22 Mar 2023	Midweek			choppy
23 Mar 2023	Midweek			
24 Mar 2023	Midweek		frequent whitecaps	
25 Mar 2023	Weekend			
26 Mar 2023	Weekend	choppy		choppy
27 Mar 2023	Midweek			
28 Mar 2023	Midweek		frequent whitecaps	
29 Mar 2023	Midweek	calm/rippled		
30 Mar 2023	Midweek			
31 Mar 2023	Midweek			
01 Apr 2023	Weekend			
02 Apr 2023	Weekend		choppy	choppy
03 Apr 2023	Midweek			