

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 10th October, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Cattle Point		Cheanuh		Flemming		Pedder Bay		Sidney (Tulista Park Ramp)
Date	Day Type	AM	PM	AM	PM	AM	PM	AM	PM	AM
29 Jul 2024	Midweek		2							
30 Jul 2024	Midweek									
31 Jul 2024	Midweek									
01 Aug 2024	Midweek									
02 Aug 2024	Midweek									
03 Aug 2024	Weekend						16			1
04 Aug 2024	Weekend							3		
05 Aug 2024	Weekend					38				
06 Aug 2024	Midweek	3							1	
07 Aug 2024	Midweek		12							
08 Aug 2024	Midweek					23				
09 Aug 2024	Midweek								4	
10 Aug 2024	Weekend									
11 Aug 2024	Weekend	12		1						
12 Aug 2024	Midweek									
13 Aug 2024	Midweek									
14 Aug 2024	Midweek	5								
15 Aug 2024	Midweek					25				
16 Aug 2024	Midweek									
17 Aug 2024	Weekend						15		4	
18 Aug 2024	Weekend		10							
19 Aug 2024	Midweek									
20 Aug 2024	Midweek									
21 Aug 2024	Midweek									
22 Aug 2024	Midweek						19			
23 Aug 2024	Midweek		3							
24 Aug 2024	Weekend									
25 Aug 2024	Weekend		14							
26 Aug 2024	Midweek									
27 Aug 2024	Midweek									
28 Aug 2024	Midweek									
29 Aug 2024	Midweek						15			
30 Aug 2024	Midweek				1					
31 Aug 2024	Weekend				1					
01 Sep 2024	Weekend		14							
02 Sep 2024	Weekend				1					
03 Sep 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-Jul-2024	Monday	calm/rippled	2							
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday		0							
01-Aug-2024	Thursday		0							
02-Aug-2024	Friday		0					43	1015	94
03-Aug-2024	Saturday	choppy	17	11				67	1020	109
04-Aug-2024	Sunday	choppy	3	1						
05-Aug-2024	Monday (B.C. Day)	choppy	38	10						
06-Aug-2024	Tuesday	choppy	4							
07-Aug-2024	Wednesday	calm/rippled	12	4						
08-Aug-2024	Thursday	calm/rippled	23	7						
09-Aug-2024	Friday	calm/rippled	5				3			
10-Aug-2024	Saturday		0							
11-Aug-2024	Sunday	calm/rippled	13	2			2	65	1013	106
12-Aug-2024	Monday		0							
13-Aug-2024	Tuesday		0							
14-Aug-2024	Wednesday	calm/rippled	5	2						
15-Aug-2024	Thursday	calm/rippled	25	32						
16-Aug-2024	Friday		0					35	1021	77
17-Aug-2024	Saturday	choppy	19	15	4					
18-Aug-2024	Sunday	choppy	10	6						
19-Aug-2024	Monday		0					53	1017	117
20-Aug-2024	Tuesday		0							
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday	calm/rippled	19	25	1					
23-Aug-2024	Friday	frequent whitecaps	3	1						
24-Aug-2024	Saturday		0					3	1020	5
25-Aug-2024	Sunday	calm/rippled	14	9				72	1010	117
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday		0					51	1021	112
29-Aug-2024	Thursday	calm/rippled	15	11	5					
30-Aug-2024	Friday	calm/rippled	1							
31-Aug-2024	Saturday	calm/rippled	1					52	1021	85
01-Sep-2024	Sunday	choppy	14	12	5					
02-Sep-2024	Monday (Labour Day)	calm/rippled	1	4				51	1022	84
03-Sep-2024	Tuesday		0							
	Totals	calm/rippled	112	82	6		3	46*		100*
	Totals	choppy	115	54	4		2	52*		84*

* 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	100	21	2100	0.732	0.054		0.027	1537	113		57
Weekend	84	10	840	0.47	0.035		0.017	395	29		14

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	2849	1811	55	0	7
2020	August	2535	559	40		146
2021	August	2034	536	38	0	8
2022	August	2730	1179	68	8	158
2023	August	3456	2599	191	0	16
2024	August	3159	2132	158		60
5-Yr Avg	August	2721	1337	78	2	67

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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	226	0%

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

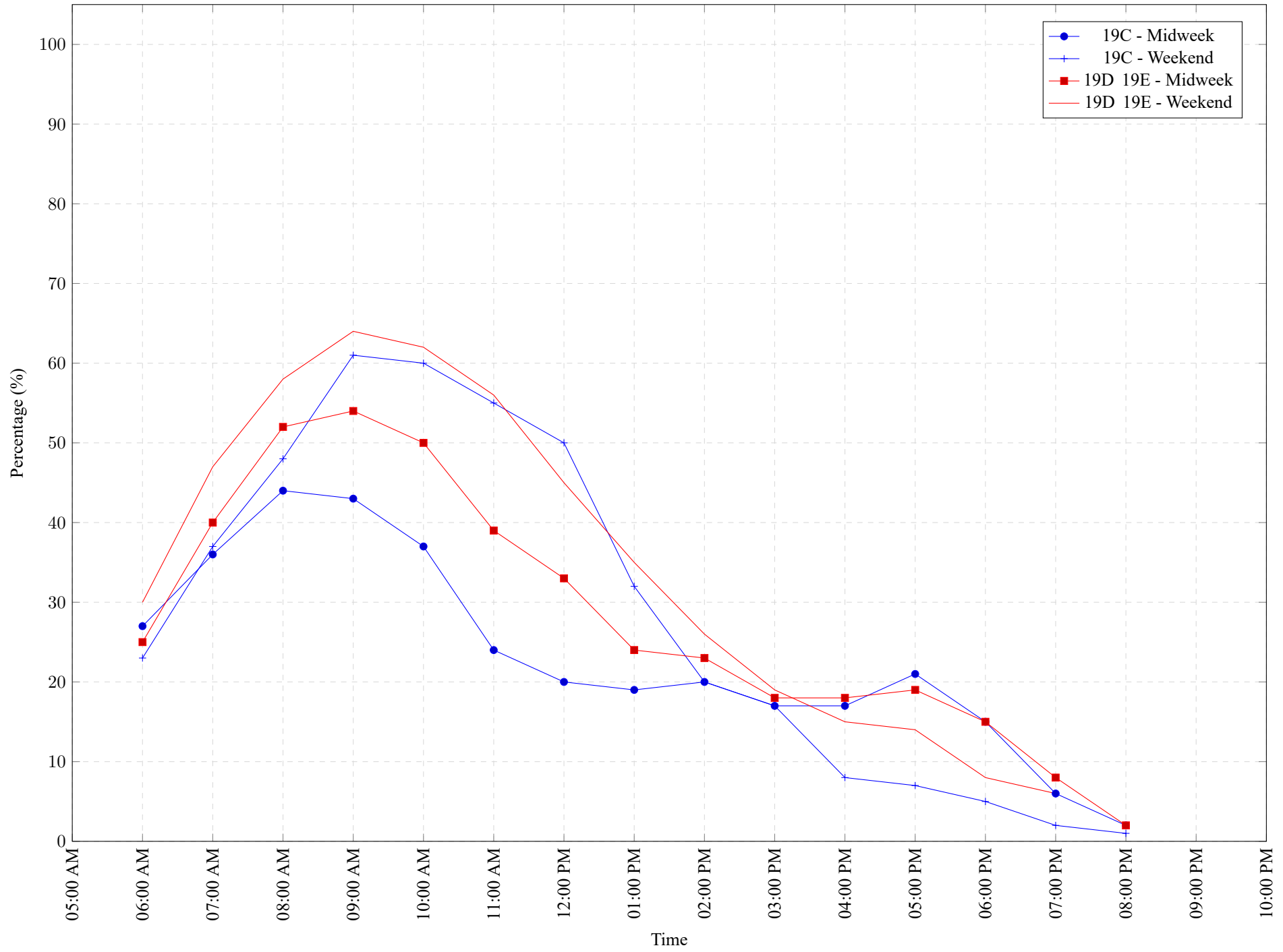


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
19C	Midweek	27%	36%	44%	43%	37%	24%	20%	19%	20%	17%	17%	21%	15%	6%	2%	0%	0%
19C	Weekend	23%	37%	48%	61%	60%	55%	50%	32%	20%	17%	8%	7%	5%	2%	1%	0%	0%
19D 19E	Midweek	25%	40%	52%	54%	50%	39%	33%	24%	23%	18%	18%	19%	15%	8%	2%	0%	0%
19D 19E	Weekend	30%	47%	58%	64%	62%	56%	45%	35%	26%	19%	15%	14%	8%	6%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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