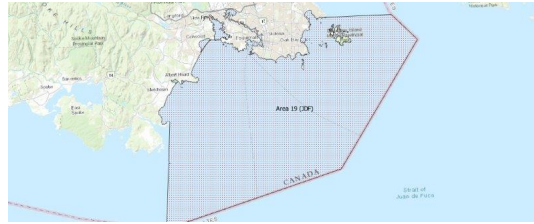


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) September 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 9th November, 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		Cheanuh		Flemming		Pedder Bay	
		AM	PM	AM	PM	AM	PM	AM	PM
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								
04 Sep 2024	Midweek								
05 Sep 2024	Midweek								
06 Sep 2024	Midweek		12						
07 Sep 2024	Weekend								
08 Sep 2024	Weekend								4
09 Sep 2024	Midweek				1		23		
10 Sep 2024	Midweek								
11 Sep 2024	Midweek								
12 Sep 2024	Midweek							5	
13 Sep 2024	Midweek								
14 Sep 2024	Weekend								
15 Sep 2024	Weekend								
16 Sep 2024	Midweek								3
17 Sep 2024	Midweek								
18 Sep 2024	Midweek								
19 Sep 2024	Midweek	1							
20 Sep 2024	Midweek								
21 Sep 2024	Weekend					23		4	
22 Sep 2024	Weekend								
23 Sep 2024	Midweek								
24 Sep 2024	Midweek								
25 Sep 2024	Midweek								
26 Sep 2024	Midweek			1					
27 Sep 2024	Midweek						2		
28 Sep 2024	Weekend								
29 Sep 2024	Weekend	2							
30 Sep 2024	Midweek		10						
01 Oct 2024	Midweek								
02 Oct 2024	Midweek								
03 Oct 2024	Midweek					9			

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-Aug-2024	Thursday	calm/rippled	15	11	5					
30-Aug-2024	Friday	calm/rippled	1							
31-Aug-2024	Saturday	calm/rippled	1					52	1021	74
01-Sep-2024	Sunday	choppy	14	12	5					
02-Sep-2024	Monday (Labour Day)	calm/rippled	1	4				51	1022	73
03-Sep-2024	Tuesday		0							
04-Sep-2024	Wednesday		0					46	1016	90
05-Sep-2024	Thursday		0							
06-Sep-2024	Friday	calm/rippled	12	3	2					
07-Sep-2024	Saturday		0							
08-Sep-2024	Sunday	calm/rippled	4	4				88	1015	126
09-Sep-2024	Monday	calm/rippled	24	9	2		1			
10-Sep-2024	Tuesday		0							
11-Sep-2024	Wednesday		0							
12-Sep-2024	Thursday	calm/rippled	5		2		1			
13-Sep-2024	Friday		0					18	1018	35
14-Sep-2024	Saturday		0					28	1023	40
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday	calm/rippled	3	1	1			32	1018	63
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday	calm/rippled	1							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday	calm/rippled	27	10	9		2			
22-Sep-2024	Sunday		0					24	1018	34
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday	choppy	1							
27-Sep-2024	Friday	frequent whitecaps	2							
28-Sep-2024	Saturday		0							
29-Sep-2024	Sunday	frequent whitecaps	2							
30-Sep-2024	Monday	calm/rippled	10	2						
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday	choppy	9	1	10					
	Totals	calm/rippled	58	15	7		2	32*		63*
	Totals	choppy	48	30	14		2	48*		68*

* 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	63	20	1260	0.259	0.121		0.034	326	152		43
Weekend	68	10	680	0.625	0.292		0.042	425	199		29

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	3155	285	81		493
2020	September	2046	309	220		224
2021	September	1178	208	87	0	68
2022	September	1904	714	425	0	125
2023	September	2481	862	434		117
2024	September	1778	786	349		94
5-Yr Avg	September	2153	476	249	0	205

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	106	2%
iRec Anglers	3243	14%

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

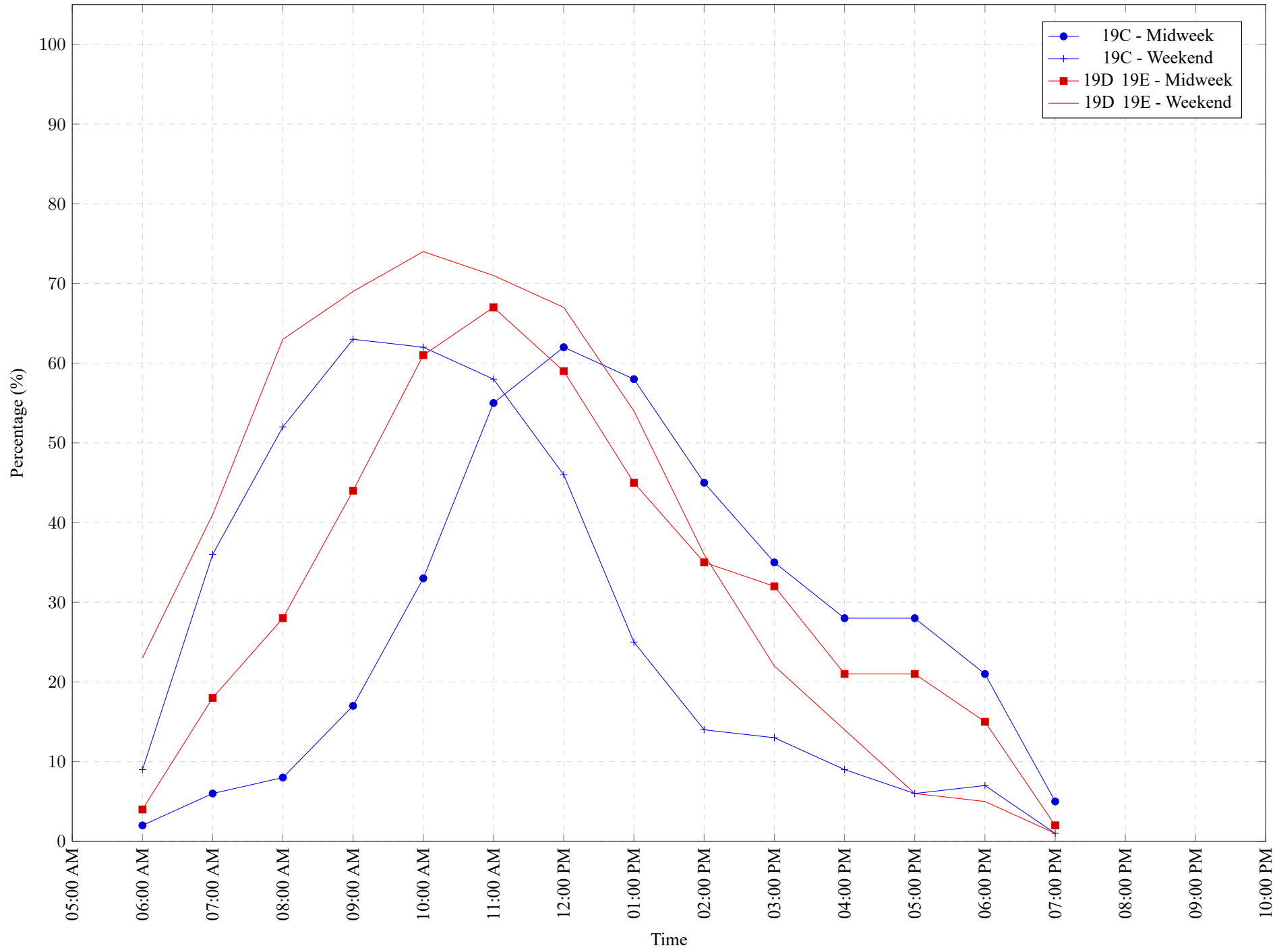


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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	2%	6%	8%	17%	33%	55%	62%	58%	45%	35%	28%	28%	21%	5%	0%	0%	0%
19C	Weekend	9%	36%	52%	63%	62%	58%	46%	25%	14%	13%	9%	6%	7%	1%	0%	0%	0%
19D 19E	Midweek	4%	18%	28%	44%	61%	67%	59%	45%	35%	32%	21%	21%	15%	2%	0%	0%	0%
19D 19E	Weekend	23%	41%	63%	69%	74%	71%	67%	54%	36%	22%	14%	6%	5%	1%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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