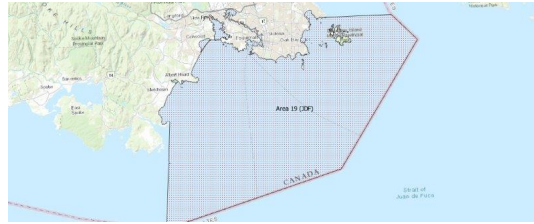


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 11th September, 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		Sidney (Tulista Park Ramp)
		AM	PM	AM	AM	PM	AM	PM	AM
28 Jun 2024	Midweek							2	
29 Jun 2024	Weekend			1					
30 Jun 2024	Weekend	5							
01 Jul 2024	Weekend	5							
02 Jul 2024	Midweek								
03 Jul 2024	Midweek				3		1		
04 Jul 2024	Midweek					6			
05 Jul 2024	Midweek								
06 Jul 2024	Weekend	5			7				
07 Jul 2024	Weekend								1
08 Jul 2024	Midweek	3							
09 Jul 2024	Midweek							1	
10 Jul 2024	Midweek								
11 Jul 2024	Midweek	7							
12 Jul 2024	Midweek								
13 Jul 2024	Weekend							21	
14 Jul 2024	Weekend								
15 Jul 2024	Midweek				3				
16 Jul 2024	Midweek						5		
17 Jul 2024	Midweek								
18 Jul 2024	Midweek		1						
19 Jul 2024	Midweek								
20 Jul 2024	Weekend					4			
21 Jul 2024	Weekend								
22 Jul 2024	Midweek								
23 Jul 2024	Midweek								
24 Jul 2024	Midweek								
25 Jul 2024	Midweek								
26 Jul 2024	Midweek								
27 Jul 2024	Weekend		3						
28 Jul 2024	Weekend					1		4	
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

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
28-Jun-2024	Friday	calm/rippled	2				1			
29-Jun-2024	Saturday	calm/rippled	1							
30-Jun-2024	Sunday	choppy	5							
01-Jul-2024	Monday (Canada Day)	calm/rippled	5					7	1002	11
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	calm/rippled	4				1			
04-Jul-2024	Thursday	calm/rippled	6					7	1016	14
05-Jul-2024	Friday		0							
06-Jul-2024	Saturday	calm/rippled	12					22	1032	36
07-Jul-2024	Sunday	calm/rippled	1							
08-Jul-2024	Monday	calm/rippled	3							
09-Jul-2024	Tuesday	calm/rippled	1							
10-Jul-2024	Wednesday		0							
11-Jul-2024	Thursday	calm/rippled	7							
12-Jul-2024	Friday		0					31	1021	65
13-Jul-2024	Saturday	calm/rippled	21		3		13			
14-Jul-2024	Sunday		0					47	1030	78
15-Jul-2024	Monday	choppy	3				1	6	1113	12
16-Jul-2024	Tuesday	calm/rippled	5							
17-Jul-2024	Wednesday		0							
18-Jul-2024	Thursday	choppy	1					4	1016	8
19-Jul-2024	Friday		0							
20-Jul-2024	Saturday	frequent whitecaps	4					20	0956	34
21-Jul-2024	Sunday		0					7	1001	11
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday		0					4	1017	8
24-Jul-2024	Wednesday		0							
25-Jul-2024	Thursday		0							
26-Jul-2024	Friday		0					27	1011	56
27-Jul-2024	Saturday	calm/rippled	3					48	0955	83
28-Jul-2024	Sunday	calm/rippled	5				1			
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	89
03-Aug-2024	Saturday	choppy	17	11				67	1020	110
	Totals	calm/rippled	32				2	13*		27*
	Totals	calm/rippled	51		3		14	25*		42*

* 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	27	22	594				0.063				37
Weekend	42	9	378		0.059		0.275		22		104

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	1458	0	85	0	93
2020	July	995	0	37		263
2021	July	1419	0	8		333
2022	July	1417	0	0		67
2023	July	948	12	50		238
2024	July	987	0	10		141
5-Yr Avg	July	1247	2	36	0	199

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	83	1%

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

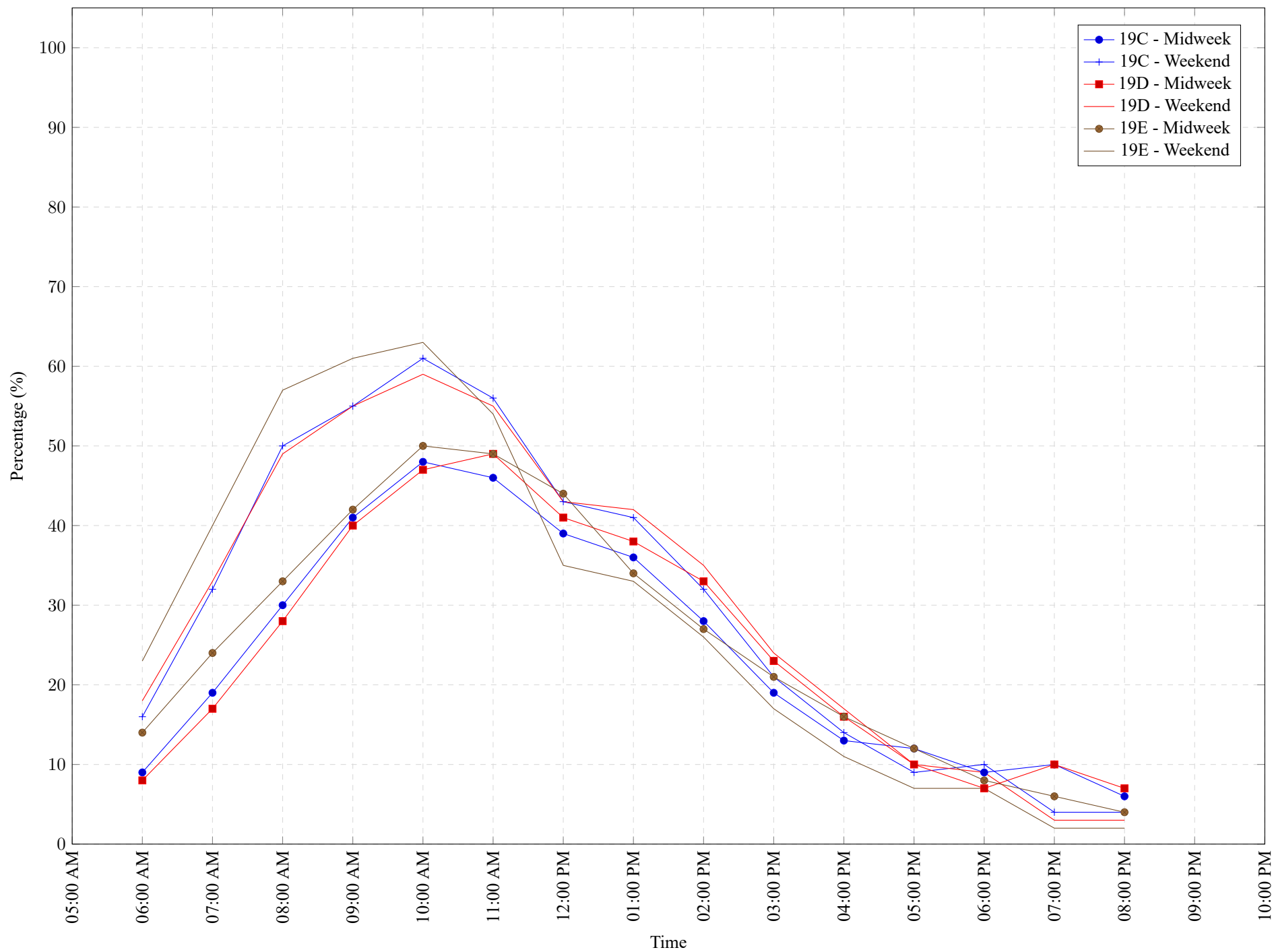


Table 7: Proportion of each day's fishing by hour.

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	9%	19%	30%	41%	48%	46%	39%	36%	28%	19%	13%	12%	9%	10%	6%	0%	0%
19C	Weekend	16%	32%	50%	55%	61%	56%	43%	41%	32%	21%	14%	9%	10%	4%	4%	0%	0%
19D	Midweek	8%	17%	28%	40%	47%	49%	41%	38%	33%	23%	16%	10%	7%	10%	7%	0%	0%
19D	Weekend	18%	33%	49%	55%	59%	55%	43%	42%	35%	24%	17%	10%	9%	3%	3%	0%	0%
19E	Midweek	14%	24%	33%	42%	50%	49%	44%	34%	27%	21%	16%	12%	8%	6%	4%	0%	0%
19E	Weekend	23%	40%	57%	61%	63%	54%	35%	33%	26%	17%	11%	7%	7%	2%	2%	0%	0%

Table 8: Daily Fishing Conditions.

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