

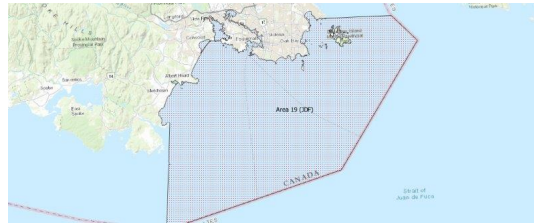
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 19 (JDF) June 2023



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 8<sup>th</sup> February, 2024



Fisheries and Oceans  
Canada

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Canada



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

Date	Day Type	Becher Bay	Cattle Point		Flemming		Pedder Bay	
		AM	AM	PM	AM	PM	AM	PM
29 May 2023	Midweek		6					
30 May 2023	Midweek							
31 May 2023	Midweek							
01 Jun 2023	Midweek							
02 Jun 2023	Midweek							
03 Jun 2023	Weekend					2		
04 Jun 2023	Weekend						2	
05 Jun 2023	Midweek							
06 Jun 2023	Midweek							3
07 Jun 2023	Midweek							
08 Jun 2023	Midweek							
09 Jun 2023	Midweek							
10 Jun 2023	Weekend			2				
11 Jun 2023	Weekend							
12 Jun 2023	Midweek		6		14			
13 Jun 2023	Midweek							
14 Jun 2023	Midweek							
15 Jun 2023	Midweek							1
16 Jun 2023	Midweek					1		
17 Jun 2023	Weekend							
18 Jun 2023	Weekend				1			
19 Jun 2023	Midweek							
20 Jun 2023	Midweek							
21 Jun 2023	Midweek							
22 Jun 2023	Midweek					3		
23 Jun 2023	Midweek			2				
24 Jun 2023	Weekend							
25 Jun 2023	Weekend		10					8
26 Jun 2023	Midweek	1						
27 Jun 2023	Midweek							
28 Jun 2023	Midweek							
29 Jun 2023	Midweek			1				
30 Jun 2023	Midweek							
01 Jul 2023	Weekend							1
02 Jul 2023	Weekend					7		
03 Jul 2023	Weekend			12				

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-May-2023	Monday	choppy	6							
30-May-2023	Tuesday		4							
31-May-2023	Wednesday		2							
01-Jun-2023	Thursday		0							
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday	frequent whitecaps	2					18	1039	37
04-Jun-2023	Sunday	frequent whitecaps	2							
05-Jun-2023	Monday		0					8	1032	16
06-Jun-2023	Tuesday	calm/rippled	3							
07-Jun-2023	Wednesday		0							
08-Jun-2023	Thursday		0					0	1040	0
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday	calm/rippled	2							
11-Jun-2023	Sunday		0					98	1042	203
12-Jun-2023	Monday	calm/rippled	20				5			
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday		0							
15-Jun-2023	Thursday	frequent whitecaps	1					10	1039	20
16-Jun-2023	Friday	frequent whitecaps	1							
17-Jun-2023	Saturday		0					2	1038	4
18-Jun-2023	Sunday	frequent whitecaps	1							
19-Jun-2023	Monday		0							
20-Jun-2023	Tuesday		0							
21-Jun-2023	Wednesday		0							
22-Jun-2023	Thursday	calm/rippled	3							
23-Jun-2023	Friday	choppy	2							
24-Jun-2023	Saturday		0					5	1046	10
25-Jun-2023	Sunday	choppy	18				7			
26-Jun-2023	Monday	choppy	1							
27-Jun-2023	Tuesday		0							
28-Jun-2023	Wednesday		0							
29-Jun-2023	Thursday	frequent whitecaps	1							
30-Jun-2023	Friday		0					4	1002	8
01-Jul-2023	Saturday	frequent whitecaps	1					2	1022	4
02-Jul-2023	Sunday	calm/rippled	7					24	0954	57
03-Jul-2023	Monday (Canada Day)	calm/rippled	12							
	Totals	choppy	32				5	6*		11*
	Totals	choppy	25				7	31*		64*

\* 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	64	8	512				0.28				143
Midweek	11	22	242				0.156				38

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	2391	266	1		68
2019	June	982	0			225
2020	June	1042		46		112
2021	June	849	0			387
2022	June	599	0			109
2023	June	706	0	0		240
5-Yr Avg	June	1173	67	24		180

**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	57	0%
iRec Anglers	1622	23%

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

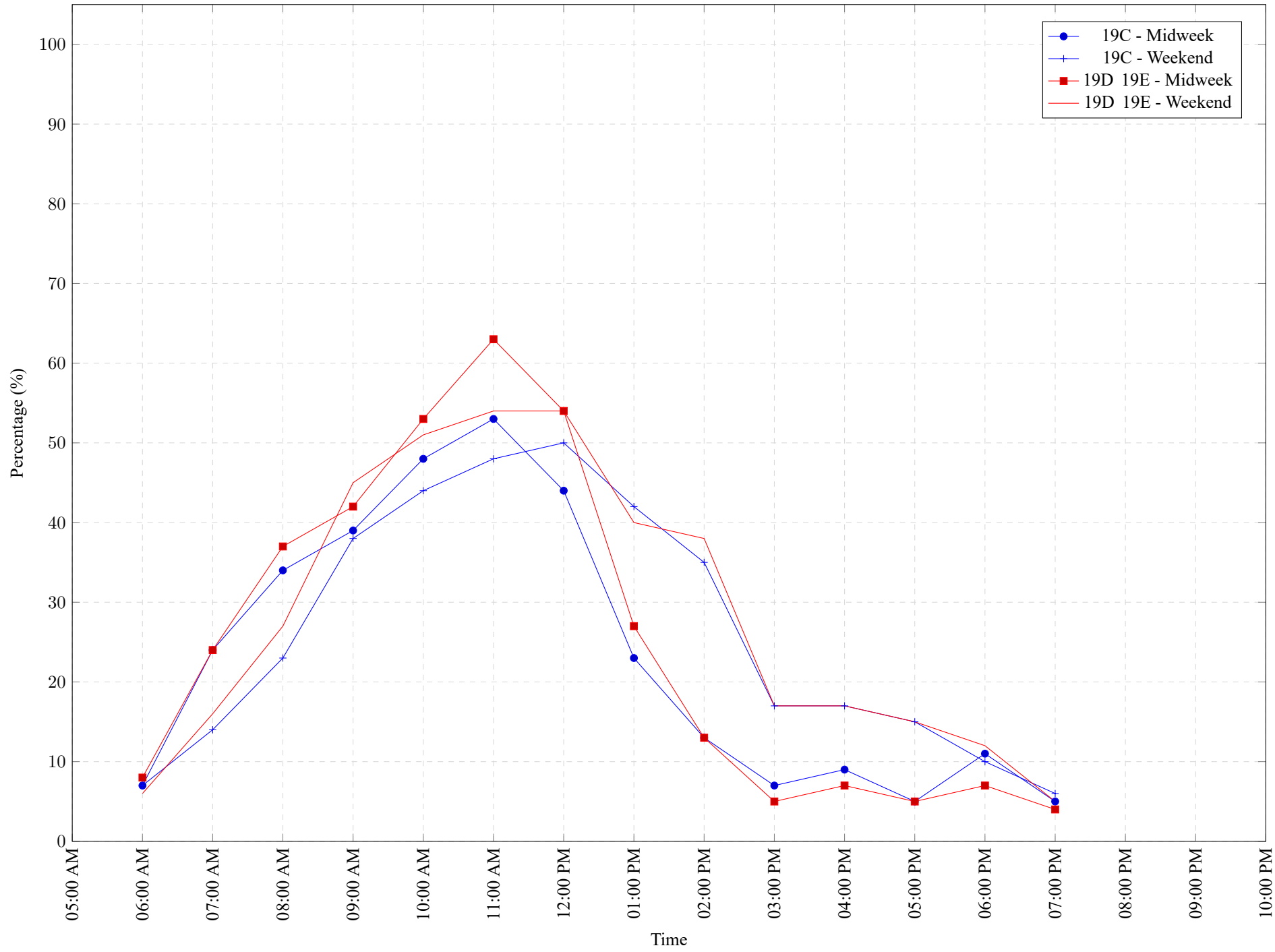


Table 7: Proportion of each day's fishing by hour.

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	7%	24%	34%	39%	48%	53%	44%	23%	13%	7%	9%	5%	11%	5%	0%	0%	0%
19C	Weekend	7%	14%	23%	38%	44%	48%	50%	42%	35%	17%	17%	15%	10%	6%	0%	0%	0%
19D 19E	Midweek	8%	24%	37%	42%	53%	63%	54%	27%	13%	5%	7%	5%	7%	4%	0%	0%	0%
19D 19E	Weekend	6%	16%	27%	45%	51%	54%	54%	40%	38%	17%	17%	15%	12%	5%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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