

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) May 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 5th February, 2022



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

Date	Day Type	Cattle Point		Flemming		Pedder Bay	
		AM	PM	AM	PM	AM	PM
28 Apr 2021	Midweek	4					
29 Apr 2021	Midweek						
30 Apr 2021	Midweek						
01 May 2021	Weekend						
02 May 2021	Weekend						
03 May 2021	Midweek				1		
04 May 2021	Midweek		3				
05 May 2021	Midweek						10
06 May 2021	Midweek						
07 May 2021	Midweek						
08 May 2021	Weekend		4		8		
09 May 2021	Weekend	10					
10 May 2021	Midweek	4					
11 May 2021	Midweek			4			
12 May 2021	Midweek						
13 May 2021	Midweek						
14 May 2021	Midweek						
15 May 2021	Weekend						
16 May 2021	Weekend			10			
17 May 2021	Midweek						
18 May 2021	Midweek						
19 May 2021	Midweek						
20 May 2021	Midweek						
21 May 2021	Midweek	13					
22 May 2021	Weekend	16				15	
23 May 2021	Weekend			1			
24 May 2021	Weekend						6
25 May 2021	Midweek			1		1	
26 May 2021	Midweek			2			
27 May 2021	Midweek						1
28 May 2021	Midweek						
29 May 2021	Weekend		9		3		
30 May 2021	Weekend						2
31 May 2021	Midweek						
01 Jun 2021	Midweek						
02 Jun 2021	Midweek						
03 Jun 2021	Midweek		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-Apr-2021	Wednesday		0							
29-Apr-2021	Thursday	calm/rippled	4							
30-Apr-2021	Friday		0							
01-May-2021	Saturday		0					2	1048	3
02-May-2021	Sunday		1							
03-May-2021	Monday	calm/rippled	1							
04-May-2021	Tuesday	choppy	3				1			
05-May-2021	Wednesday	calm/rippled	10				15	49	1056	78
06-May-2021	Thursday		0							
07-May-2021	Friday		0							
08-May-2021	Saturday	choppy	12				9			
09-May-2021	Sunday	calm/rippled	10					49	1053	82
10-May-2021	Monday	calm/rippled	4							
11-May-2021	Tuesday	calm/rippled	4				1			
12-May-2021	Wednesday		0							
13-May-2021	Thursday		0					11	1030	17
14-May-2021	Friday		0							
15-May-2021	Saturday		0							
16-May-2021	Sunday	calm/rippled	11							
17-May-2021	Monday		0							
18-May-2021	Tuesday		0							
19-May-2021	Wednesday		0							
20-May-2021	Thursday		0							
21-May-2021	Friday	calm/rippled	13				3	72	1050	116
22-May-2021	Saturday	choppy	31				1			
23-May-2021	Sunday	frequent whitecaps	1							
24-May-2021	Monday (Victoria Day)	choppy	6							
25-May-2021	Tuesday	calm/rippled	2							
26-May-2021	Wednesday	choppy	2							
27-May-2021	Thursday	frequent whitecaps	1							
28-May-2021	Friday		0							
29-May-2021	Saturday	calm/rippled	12							
30-May-2021	Sunday	calm/rippled	2							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0					40	1111	55
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday	frequent whitecaps	1							
	Totals	calm/rippled	40				20	44*		70*
	Totals	choppy	86				10	26*		43*

* 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	70	20	1400				0.5				700
Weekend	43	11	473				0.116				55

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	May	2883	691			447
2017	May	1267	252			427
2018	May	1854	999			76
2019	May	1907	0			33
2020	May	1439				257
2021	May	1623	0			956
5-Yr Avg	May	1870	486			248

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	124	1%
iRec Anglers	1709	4%

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

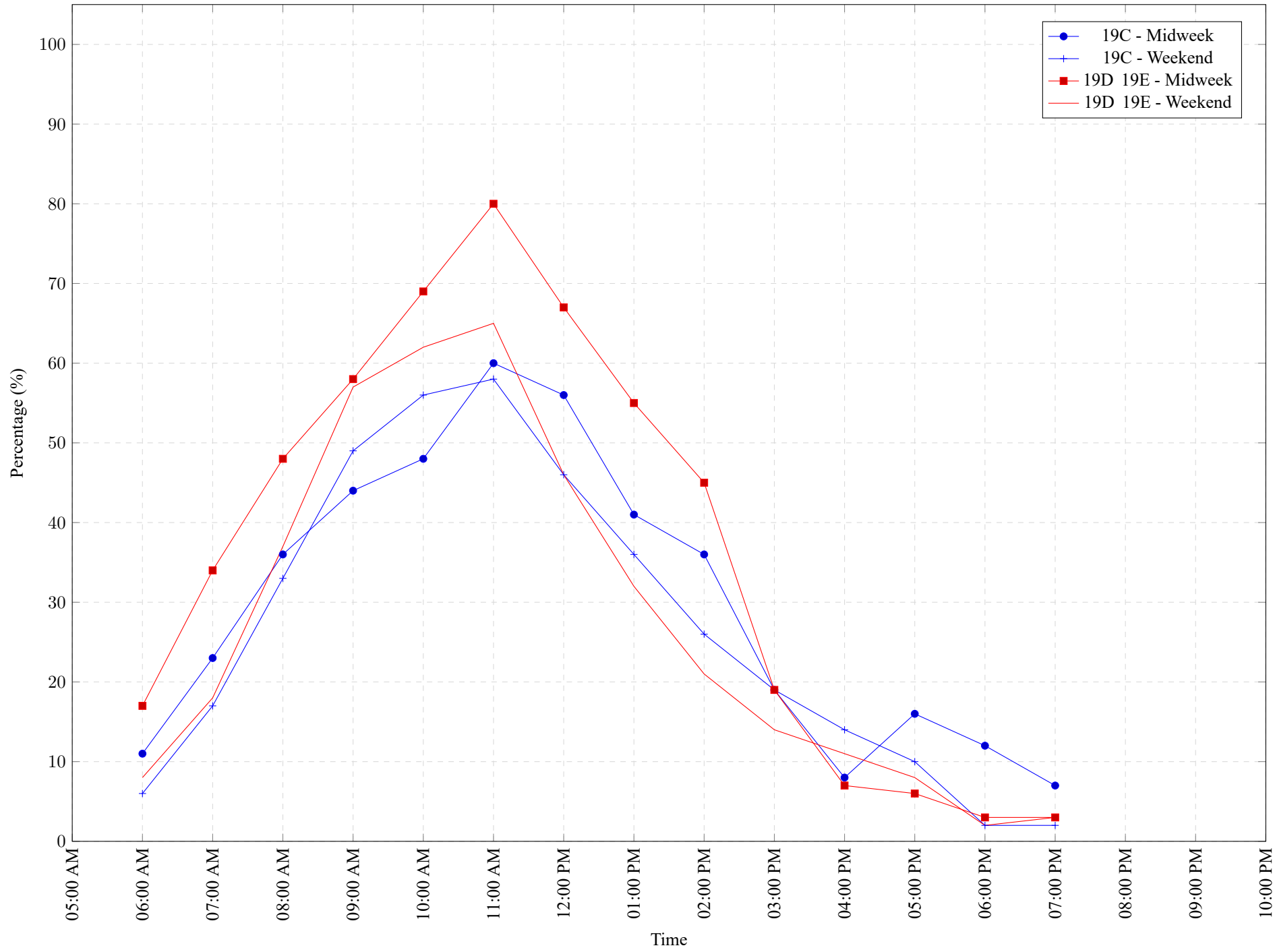


Table 7: Proportion of each day's fishing by hour.

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	11%	23%	36%	44%	48%	60%	56%	41%	36%	19%	8%	16%	12%	7%	0%	0%	0%
19C	Weekend	6%	17%	33%	49%	56%	58%	46%	36%	26%	19%	14%	10%	2%	2%	0%	0%	0%
19D 19E	Midweek	17%	34%	48%	58%	69%	80%	67%	55%	45%	19%	7%	6%	3%	3%	0%	0%	0%
19D 19E	Weekend	8%	18%	37%	57%	62%	65%	46%	32%	21%	14%	11%	8%	2%	3%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Flemming	Pedder Bay
28 Apr 2021	Midweek	calm/rippled		
29 Apr 2021	Midweek			
30 Apr 2021	Midweek			
01 May 2021	Weekend			
02 May 2021	Weekend			
03 May 2021	Midweek			
04 May 2021	Midweek	choppy	calm/rippled	
05 May 2021	Midweek			calm/rippled
06 May 2021	Midweek			
07 May 2021	Midweek			
08 May 2021	Weekend	choppy	choppy	
09 May 2021	Weekend	calm/rippled		
10 May 2021	Midweek	calm/rippled		
11 May 2021	Midweek		calm/rippled	
12 May 2021	Midweek			
13 May 2021	Midweek			
14 May 2021	Midweek			
15 May 2021	Weekend			
16 May 2021	Weekend		calm/rippled	
17 May 2021	Midweek			
18 May 2021	Midweek			
19 May 2021	Midweek			
20 May 2021	Midweek			
21 May 2021	Midweek	calm/rippled		
22 May 2021	Weekend	calm/rippled		frequent whitecaps
23 May 2021	Weekend		frequent whitecaps	
24 May 2021	Weekend			choppy
25 May 2021	Midweek		choppy	calm/rippled
26 May 2021	Midweek		choppy	
27 May 2021	Midweek			frequent whitecaps
28 May 2021	Midweek			
29 May 2021	Weekend	calm/rippled	choppy	
30 May 2021	Weekend			calm/rippled
31 May 2021	Midweek			
01 Jun 2021	Midweek			
02 Jun 2021	Midweek			
03 Jun 2021	Midweek	frequent whitecaps		