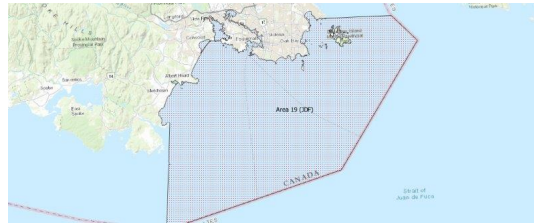


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) October 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 2nd February, 2021



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	Cattle Point		Flemming		Pedder Bay		Sidney PM
		AM	PM	AM	PM	AM	PM	
28 Sep 2020	Midweek						2	
29 Sep 2020	Midweek				5			
30 Sep 2020	Midweek							
01 Oct 2020	Midweek							
02 Oct 2020	Midweek				22			
03 Oct 2020	Weekend		6					
04 Oct 2020	Weekend	5						
05 Oct 2020	Midweek		5					
06 Oct 2020	Midweek					2		
07 Oct 2020	Midweek							
08 Oct 2020	Midweek				3			
09 Oct 2020	Midweek						3	
10 Oct 2020	Weekend				6			
11 Oct 2020	Weekend							
12 Oct 2020	Weekend							
13 Oct 2020	Midweek							
14 Oct 2020	Midweek							
15 Oct 2020	Midweek	4						
16 Oct 2020	Midweek							
17 Oct 2020	Weekend		12	12				
18 Oct 2020	Weekend					1		
19 Oct 2020	Midweek				1			
20 Oct 2020	Midweek						2	
21 Oct 2020	Midweek							
22 Oct 2020	Midweek			5				
23 Oct 2020	Midweek							
24 Oct 2020	Weekend							
25 Oct 2020	Weekend				6			
26 Oct 2020	Midweek		3					
27 Oct 2020	Midweek							
28 Oct 2020	Midweek			1				
29 Oct 2020	Midweek							
30 Oct 2020	Midweek							
31 Oct 2020	Weekend						7	1
01 Nov 2020	Weekend							
02 Nov 2020	Midweek							
03 Nov 2020	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
28-Sep-2020	Monday	calm/rippled	2							
29-Sep-2020	Tuesday	calm/rippled	5	1	6		2			
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday	calm/rippled	22	1	10		1			
03-Oct-2020	Saturday	choppy	6	6						
04-Oct-2020	Sunday	calm/rippled	5					50	1255	75
05-Oct-2020	Monday	calm/rippled	5	1						
06-Oct-2020	Tuesday	calm/rippled	2		1					
07-Oct-2020	Wednesday		0							
08-Oct-2020	Thursday	choppy	3		3					
09-Oct-2020	Friday	calm/rippled	3					32	1257	46
10-Oct-2020	Saturday	choppy	6		2		1			
11-Oct-2020	Sunday		0					5	1311	8
12-Oct-2020	Monday (Thanksgiving)		0							
13-Oct-2020	Tuesday		0							
14-Oct-2020	Wednesday		0					1	1242	1
15-Oct-2020	Thursday	calm/rippled	4	1	1					
16-Oct-2020	Friday		0							
17-Oct-2020	Saturday	calm/rippled	24	4	2		1			
18-Oct-2020	Sunday	choppy	1							
19-Oct-2020	Monday	frequent whitecaps	1							
20-Oct-2020	Tuesday	calm/rippled	2							
21-Oct-2020	Wednesday		0							
22-Oct-2020	Thursday	calm/rippled	5	4				21	1254	31
23-Oct-2020	Friday		0							
24-Oct-2020	Saturday		0					0	1249	0
25-Oct-2020	Sunday	choppy	6							
26-Oct-2020	Monday	calm/rippled	3	1						
27-Oct-2020	Tuesday		0							
28-Oct-2020	Wednesday	calm/rippled	1							
29-Oct-2020	Thursday		0							
30-Oct-2020	Friday		0							
31-Oct-2020	Saturday	calm/rippled	8	1			2			
01-Nov-2020	Sunday		0							
02-Nov-2020	Monday		0							
03-Nov-2020	Tuesday		0							
	Totals	calm/rippled	51	8	15		1	18*		26*
	Totals	choppy	56	11	4		4	18*		28*

* 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	26	21	546	0.1570	0.2940		0.02	86	161		11
Weekend	28	10	280	0.1960	0.0710		0.0710	55	20		20

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	October	814	3	190		132
2017	October	282	211	36		
2018	October	1507	661	62		9
2019	October	469	63	168		0
2020	October	920	133	291		49
5-Yr Avg	October	768	235	114		47

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	107	0%
iRec Anglers	763	10%

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

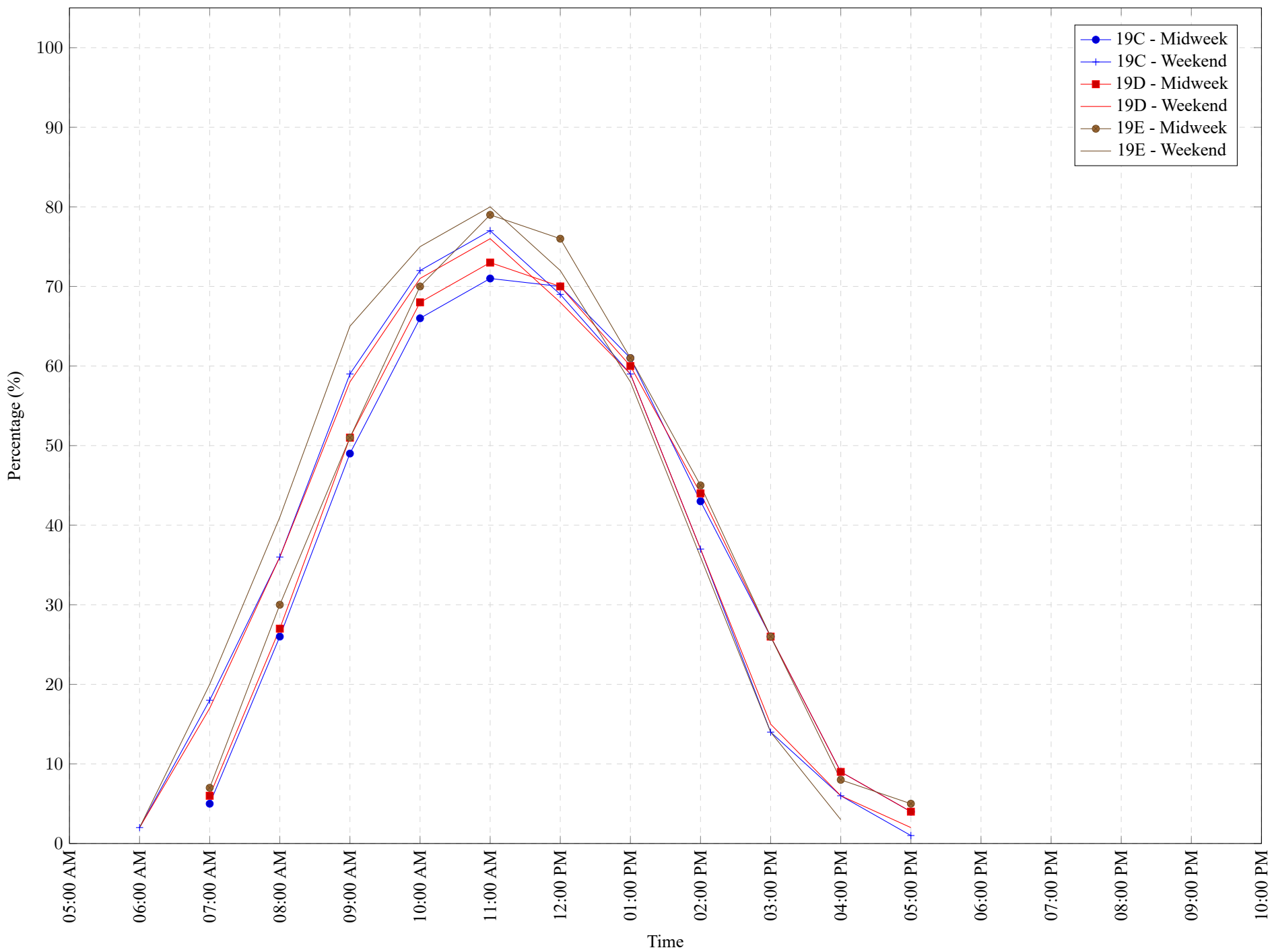


Table 7: Proportion of each day's fishing by hour.

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	0%	5%	26%	49%	66%	71%	70%	61%	43%	26%	9%	4%	0%	0%	0%	0%	0%
19C	Weekend	2%	18%	36%	59%	72%	77%	69%	59%	37%	14%	6%	1%	0%	0%	0%	0%	0%
19D	Midweek	0%	6%	27%	51%	68%	73%	70%	60%	44%	26%	9%	4%	0%	0%	0%	0%	0%
19D	Weekend	2%	17%	36%	58%	71%	76%	68%	59%	37%	15%	6%	2%	0%	0%	0%	0%	0%
19E	Midweek	0%	7%	30%	51%	70%	79%	76%	61%	45%	26%	8%	5%	0%	0%	0%	0%	0%
19E	Weekend	2%	20%	41%	65%	75%	80%	72%	58%	36%	14%	3%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Flemming	Pedder Bay	Sidney
28 Sep 2020	Midweek			calm/rippled	
29 Sep 2020	Midweek		calm/rippled		
30 Sep 2020	Midweek				
01 Oct 2020	Midweek				
02 Oct 2020	Midweek		calm/rippled		
03 Oct 2020	Weekend	choppy			
04 Oct 2020	Weekend	calm/rippled			
05 Oct 2020	Midweek	calm/rippled			
06 Oct 2020	Midweek			calm/rippled	
07 Oct 2020	Midweek				
08 Oct 2020	Midweek		choppy		
09 Oct 2020	Midweek			calm/rippled	
10 Oct 2020	Weekend		choppy		
11 Oct 2020	Weekend				
12 Oct 2020	Weekend				
13 Oct 2020	Midweek				
14 Oct 2020	Midweek				
15 Oct 2020	Midweek	calm/rippled			
16 Oct 2020	Midweek				
17 Oct 2020	Weekend	calm/rippled	choppy		
18 Oct 2020	Weekend			choppy	
19 Oct 2020	Midweek		frequent whitecaps		
20 Oct 2020	Midweek			calm/rippled	
21 Oct 2020	Midweek				
22 Oct 2020	Midweek		calm/rippled		
23 Oct 2020	Midweek				
24 Oct 2020	Weekend				
25 Oct 2020	Weekend		choppy		
26 Oct 2020	Midweek	calm/rippled			
27 Oct 2020	Midweek				
28 Oct 2020	Midweek		calm/rippled		
29 Oct 2020	Midweek				
30 Oct 2020	Midweek				
31 Oct 2020	Weekend			calm/rippled	calm/rippled
01 Nov 2020	Weekend				
02 Nov 2020	Midweek				
03 Nov 2020	Midweek				