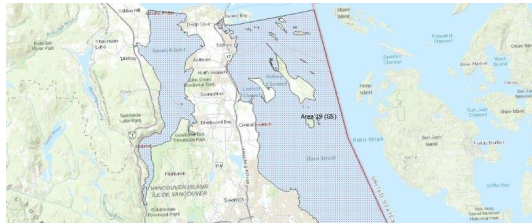


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) March 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 3rd February, 2022



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	Mill Bay	Sidney	
		MD	MD	MD	PM
26 Feb 2021	Midweek				
27 Feb 2021	Weekend				
28 Feb 2021	Weekend				
01 Mar 2021	Midweek		1		
02 Mar 2021	Midweek				
03 Mar 2021	Midweek				
04 Mar 2021	Midweek				
05 Mar 2021	Midweek				
06 Mar 2021	Weekend			5	
07 Mar 2021	Weekend				
08 Mar 2021	Midweek				
09 Mar 2021	Midweek				
10 Mar 2021	Midweek		3		
11 Mar 2021	Midweek				
12 Mar 2021	Midweek			11	
13 Mar 2021	Weekend	3			
14 Mar 2021	Weekend			1	
15 Mar 2021	Midweek				
16 Mar 2021	Midweek				
17 Mar 2021	Midweek				
18 Mar 2021	Midweek				
19 Mar 2021	Midweek				
20 Mar 2021	Weekend	3	4		
21 Mar 2021	Weekend				
22 Mar 2021	Midweek				
23 Mar 2021	Midweek				
24 Mar 2021	Midweek				
25 Mar 2021	Midweek		1		
26 Mar 2021	Midweek				
27 Mar 2021	Weekend				
28 Mar 2021	Weekend				
29 Mar 2021	Midweek				
30 Mar 2021	Midweek				
31 Mar 2021	Midweek				
01 Apr 2021	Midweek				
02 Apr 2021	Weekend				
03 Apr 2021	Weekend				3

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
26-Feb-2021	Friday		0							
27-Feb-2021	Saturday		0							
28-Feb-2021	Sunday		0							
01-Mar-2021	Monday	calm/rippled	1	2				6	1129	10
02-Mar-2021	Tuesday		0							
03-Mar-2021	Wednesday		2	1						
04-Mar-2021	Thursday		0							
05-Mar-2021	Friday		0							
06-Mar-2021	Saturday	frequent whitecaps	5				1			
07-Mar-2021	Sunday		0							
08-Mar-2021	Monday		2	2						
09-Mar-2021	Tuesday		0							
10-Mar-2021	Wednesday	choppy	4					10	1125	19
11-Mar-2021	Thursday		0							
12-Mar-2021	Friday	calm/rippled	11	2			1			
13-Mar-2021	Saturday	calm/rippled	3				2			
14-Mar-2021	Sunday	choppy	1	1				9	1129	11
15-Mar-2021	Monday		1	2						
16-Mar-2021	Tuesday		3							
17-Mar-2021	Wednesday		0							
18-Mar-2021	Thursday		0							
19-Mar-2021	Friday		0							
20-Mar-2021	Saturday	choppy	7							
21-Mar-2021	Sunday		0					0	1137	0
22-Mar-2021	Monday		1							
23-Mar-2021	Tuesday		0							
24-Mar-2021	Wednesday		0							
25-Mar-2021	Thursday	calm/rippled	1	1						
26-Mar-2021	Friday		0							
27-Mar-2021	Saturday		2					23	1127	29
28-Mar-2021	Sunday		0							
29-Mar-2021	Monday		1							
30-Mar-2021	Tuesday		0					8	1130	14
31-Mar-2021	Wednesday		1	1						
01-Apr-2021	Thursday		0							
02-Apr-2021	Friday (Good Friday)		0					5	1029	7
03-Apr-2021	Saturday	choppy	3							
	Totals	calm/rippled	28	11			1	8*		14*
	Totals	choppy	18	1			3	11*		13*

* 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	14	23	322	0.393			0.036	127			12
Weekend	13	8	104	0.056			0.167	6			17

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	March	341	10			65
2017	March	190	25			7
2018	March	415	69			
2021	March	488	102			48
5-Yr Avg	March	315	35			36

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
Chinook	79	77%	1%	3	6%	33%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	43	2%
iRec Anglers	198	5%

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

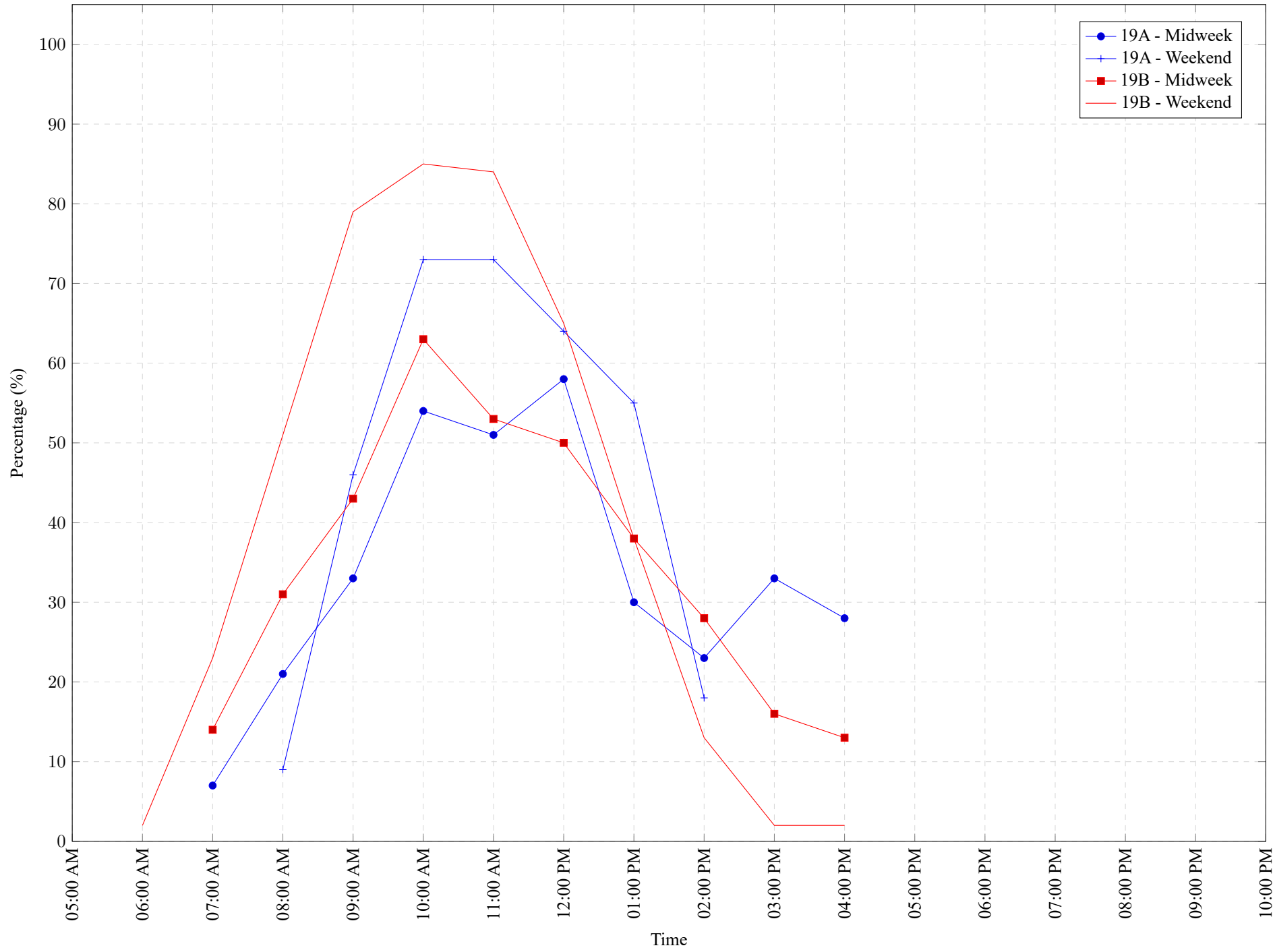


Table 7: Proportion of each day's fishing by hour.

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
19A	Midweek	0%	7%	21%	33%	54%	51%	58%	30%	23%	33%	28%	0%	0%	0%	0%	0%	0%
19A	Weekend	0%	0%	9%	46%	73%	73%	64%	55%	18%	0%	0%	0%	0%	0%	0%	0%	0%
19B	Midweek	0%	14%	31%	43%	63%	53%	50%	38%	28%	16%	13%	0%	0%	0%	0%	0%	0%
19B	Weekend	2%	23%	51%	79%	85%	84%	65%	38%	13%	2%	2%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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