FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 July 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020

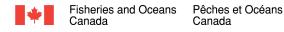




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

			Cowich	an Bay	Sidn	ey
	Date	Day Type	AM	PM	AM	PM
	28 Jun 2019	Midweek				
	29 Jun 2019	Weekend				
	30 Jun 2019	Weekend				1
	01 Jul 2019	Weekend				
ľ	02 Jul 2019	Midweek				
	03 Jul 2019	Midweek				
	04 Jul 2019	Midweek				
	05 Jul 2019	Midweek		2		
	06 Jul 2019	Weekend				2
	07 Jul 2019	Weekend				
	08 Jul 2019	Midweek				
	09 Jul 2019	Midweek				
	10 Jul 2019	Midweek				
	11 Jul 2019	Midweek	2			
	12 Jul 2019	Midweek				
	13 Jul 2019	Weekend				
	14 Jul 2019	Weekend				2
	15 Jul 2019	Midweek				
	16 Jul 2019	Midweek				
	17 Jul 2019	Midweek				
	18 Jul 2019	Midweek				
	19 Jul 2019	Midweek				1
	20 Jul 2019	Weekend		3		
	21 Jul 2019	Weekend	1			
	22 Jul 2019	Midweek				
	23 Jul 2019	Midweek				
	24 Jul 2019	Midweek				
	25 Jul 2019	Midweek				
	26 Jul 2019	Midweek				
	27 Jul 2019	Weekend				
	28 Jul 2019	Weekend				
	29 Jul 2019	Midweek				
	30 Jul 2019	Midweek				
	31 Jul 2019	Midweek				
	01 Aug 2019	Midweek	1		1	
	02 Aug 2019	Midweek				
	03 Aug 2019	Weekend		9		

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-2019	Friday		0							
29-Jun-2019	Saturday		0					18	1129	34
30-Jun-2019	Sunday	calm/rippled	1							
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0							
04-Jul-2019	Thursday		0					3	1017	6
05-Jul-2019	Friday	choppy	2					-		
06-Jul-2019	Saturday	choppy	2					11	1018	22
07-Jul-2019	Sunday	117	0							
08-Jul-2019	Monday		0							
09-Jul-2019	Tuesday		0					5	1017	10
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday	calm/rippled	2							
12-Jul-2019	Friday		0							
13-Jul-2019	Saturday		0					12	1014	24
14-Jul-2019	Sunday	calm/rippled	2					15	1018	29
15-Jul-2019	Monday		0							
16-Jul-2019	Tuesday		0							
17-Jul-2019	Wednesday		0							
18-Jul-2019	Thursday		0					0	1020	0
19-Jul-2019	Friday	calm/rippled	1					6	1011	12
20-Jul-2019	Saturday	calm/rippled	3							
21-Jul-2019	Sunday	calm/rippled	1					10	1022	20
22-Jul-2019	Monday	11	0							
23-Jul-2019	Tuesday		0							
24-Jul-2019	Wednesday		0							
25-Jul-2019	Thursday		0					3	1017	6
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday		0							
28-Jul-2019	Sunday		0					16	1009	31
29-Jul-2019	Monday		0							
30-Jul-2019	Tuesday		0					1	1010	2
31-Jul-2019	Wednesday		0							
01-Aug-2019	Thursday	choppy	2					11	1013	22
02-Aug-2019	Friday	***	0							
03-Aug-2019	Saturday	calm/rippled	9					15	1019	30
	Totals	calm/rippled	5					3*		6*
	Totals	calm/rippled	8					13*		25*

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

				CPUE				Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut	
	Expanded	Days	Estimated									
	Boats		Effort									
Weekend	25	9	225									
Midweek	6	22	132									

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

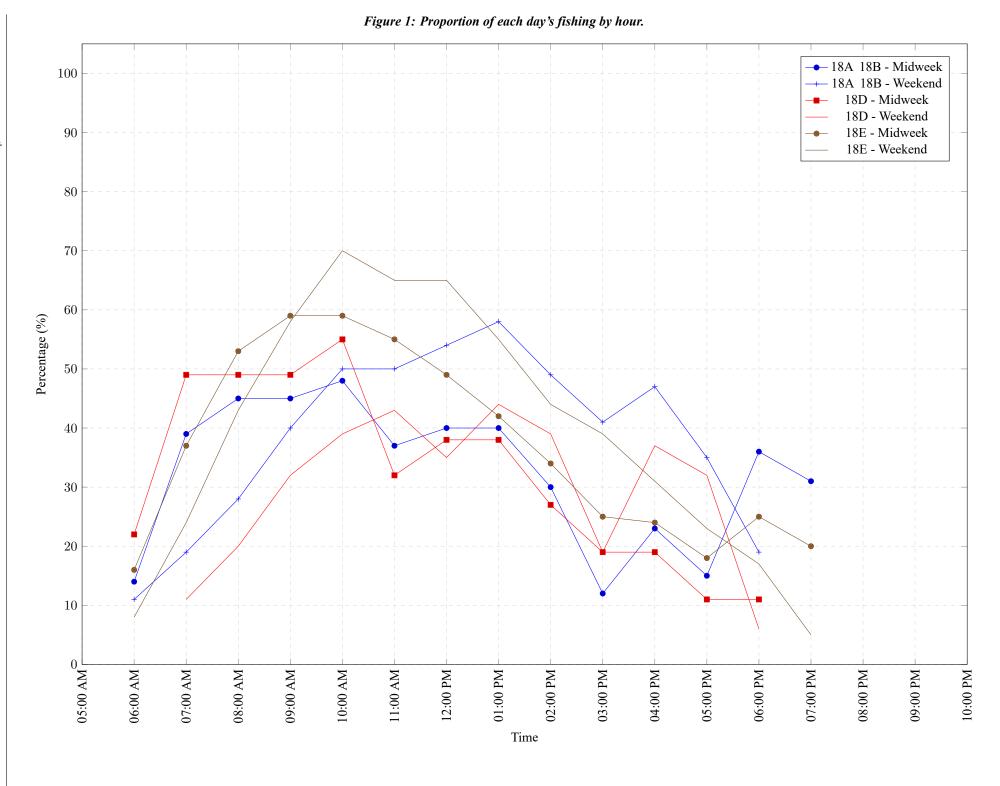
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	8	2		4	
2015	July	3232	593			
2016	July	2019	98	26		
2017	July	1870	280			
2018	July	1055	124	12		
2019	July	358	0			0
5-Yr Avg	July	1637	219	19	4	

Table 5: Sport Head Recovery Review.

Species	Creel Cree	l Creel	iRec iRec	iRec	Sport Head
	Marked Mar	s Submission	Marked Mark	Submission	Recoveries
	Catch Rate	Rate	Catch Rate	Rate	

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	13	0%
iRec Anglers	1334	20%
iRec Responses	39	0%



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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										
18A 18B	Midweek	14%	39%	45%	45%	48%	37%	40%	40%	30%	12%	23%	15%	36%	31%	0%	0%	0%
18A 18B	Weekend	11%	19%	28%	40%	50%	50%	54%	58%	49%	41%	47%	35%	19%	0%	0%	0%	0%
18D	Midweek	22%	49%	49%	49%	55%	32%	38%	38%	27%	19%	19%	11%	11%	0%	0%	0%	0%
18D	Weekend	0%	11%	20%	32%	39%	43%	35%	44%	39%	19%	37%	32%	6%	0%	0%	0%	0%
18E	Midweek	16%	37%	53%	59%	59%	55%	49%	42%	34%	25%	24%	18%	25%	20%	0%	0%	0%
18E	Weekend	8%	24%	43%	58%	70%	65%	65%	55%	44%	39%	31%	23%	17%	5%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cowichan	Sidney
		Bay	
28 Jun 2019	Midweek		
29 Jun 2019	Weekend		
30 Jun 2019	Weekend		calm/rippled
01 Jul 2019	Weekend		11
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		
04 Jul 2019	Midweek		
05 Jul 2019	Midweek	choppy	
06 Jul 2019	Weekend	117	choppy
07 Jul 2019	Weekend		
08 Jul 2019	Midweek		
09 Jul 2019	Midweek		
10 Jul 2019	Midweek		
11 Jul 2019	Midweek	calm/rippled	
12 Jul 2019	Midweek	11	
13 Jul 2019	Weekend		
14 Jul 2019	Weekend		calm/rippled
15 Jul 2019	Midweek		11
16 Jul 2019	Midweek		
17 Jul 2019	Midweek		
18 Jul 2019	Midweek		
19 Jul 2019	Midweek		calm/rippled
20 Jul 2019	Weekend	calm/rippled	
21 Jul 2019	Weekend	calm/rippled	
22 Jul 2019	Midweek		
23 Jul 2019	Midweek		
24 Jul 2019	Midweek		
25 Jul 2019	Midweek		
26 Jul 2019	Midweek		
27 Jul 2019	Weekend		
28 Jul 2019	Weekend		
29 Jul 2019	Midweek		
30 Jul 2019	Midweek		
31 Jul 2019	Midweek		
01 Aug 2019	Midweek	choppy	choppy
02 Aug 2019	Midweek		
03 Aug 2019	Weekend	calm/rippled	