FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 July 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020

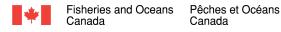




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Comox Mun	Lun	ıd	Pacific Play	Saltery Bay	Westv	view
Date	Day Type	AM	AM	PM	PM	PM	AM	PM
28 Jun 2019	Midweek	11.1	1111	11,1	11.1	1111	121/1	11.1
29 Jun 2019	Weekend		1					
30 Jun 2019	Weekend		-				4	
01 Jul 2019	Weekend						•	
02 Jul 2019	Midweek			1				
03 Jul 2019	Midweek			_				3
04 Jul 2019	Midweek							-
05 Jul 2019	Midweek							
06 Jul 2019	Weekend			3				
07 Jul 2019	Weekend		2					
08 Jul 2019	Midweek							
09 Jul 2019	Midweek							
10 Jul 2019	Midweek							
11 Jul 2019	Midweek							
12 Jul 2019	Midweek							
13 Jul 2019	Weekend						1	
14 Jul 2019	Weekend							
15 Jul 2019	Midweek							
16 Jul 2019	Midweek						14	
17 Jul 2019	Midweek			4				
18 Jul 2019	Midweek							
19 Jul 2019	Midweek							
20 Jul 2019	Weekend					1		
21 Jul 2019	Weekend							27
22 Jul 2019	Midweek							
23 Jul 2019	Midweek				1			
24 Jul 2019	Midweek	1						
25 Jul 2019	Midweek							
26 Jul 2019	Midweek							
27 Jul 2019	Weekend			6				
28 Jul 2019	Weekend					1		
29 Jul 2019	Midweek		5					
30 Jul 2019	Midweek							
31 Jul 2019	Midweek							
01 Aug 2019	Midweek							
02 Aug 2019	Midweek							
03 Aug 2019	Weekend			5				

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	calm/rippled	4					10	1104	31
30-Jun-2019	Sunday	calm/rippled	5							
01-Jul-2019	Monday (Canada		0							
	Day)									
02-Jul-2019	Tuesday	calm/rippled	4							
03-Jul-2019	Wednesday	calm/rippled	4							
04-Jul-2019	Thursday		2					11	1120	23
05-Jul-2019	Friday		1							
06-Jul-2019	Saturday	calm/rippled	3					3	1147	10
07-Jul-2019	Sunday	calm/rippled	2					3	1103	10
08-Jul-2019	Monday		0							
09-Jul-2019	Tuesday		0					11	1113	23
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday		0							
12-Jul-2019	Friday		0							
13-Jul-2019	Saturday	calm/rippled	1							
14-Jul-2019	Sunday		1					10	1117	34
15-Jul-2019	Monday		1	3						
16-Jul-2019	Tuesday	calm/rippled	15	18	1			23	1104	53
17-Jul-2019	Wednesday	frequent	5	7						
		whitecaps								
18-Jul-2019	Thursday		0					18	1110	38
19-Jul-2019	Friday		5	16				31	1103	71
20-Jul-2019	Saturday	calm/rippled	2	3						
21-Jul-2019	Sunday	calm/rippled	29	37	2			44	1106	151
22-Jul-2019	Monday		0							
23-Jul-2019	Tuesday	choppy	1							
24-Jul-2019	Wednesday	calm/rippled	1	4						
25-Jul-2019	Thursday		0					11	1106	23
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday	choppy	6	2				36	1111	123
28-Jul-2019	Sunday	choppy	1							
29-Jul-2019	Monday	calm/rippled	5	1				27	1112	58
30-Jul-2019	Tuesday		0							
31-Jul-2019	Wednesday		1	3						
01-Aug-2019	Thursday		0					5	1028	17
02-Aug-2019	Friday		0					17	1038	56
03-Aug-2019	Saturday	calm/rippled	5	9				28	1012	76
	Totals	calm/rippled	45	52	1			19*		41*
	Totals	calm/rippled	45	42	2			19*		66*

^{*} Average number of boats Observed and Expanded

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

				CPUE					Ret	ained	
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Midweek	41	22	902	1.1560	0.0220			1043	20		
Weekend	66	9	594	0.9330	0.0440			554	26		

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

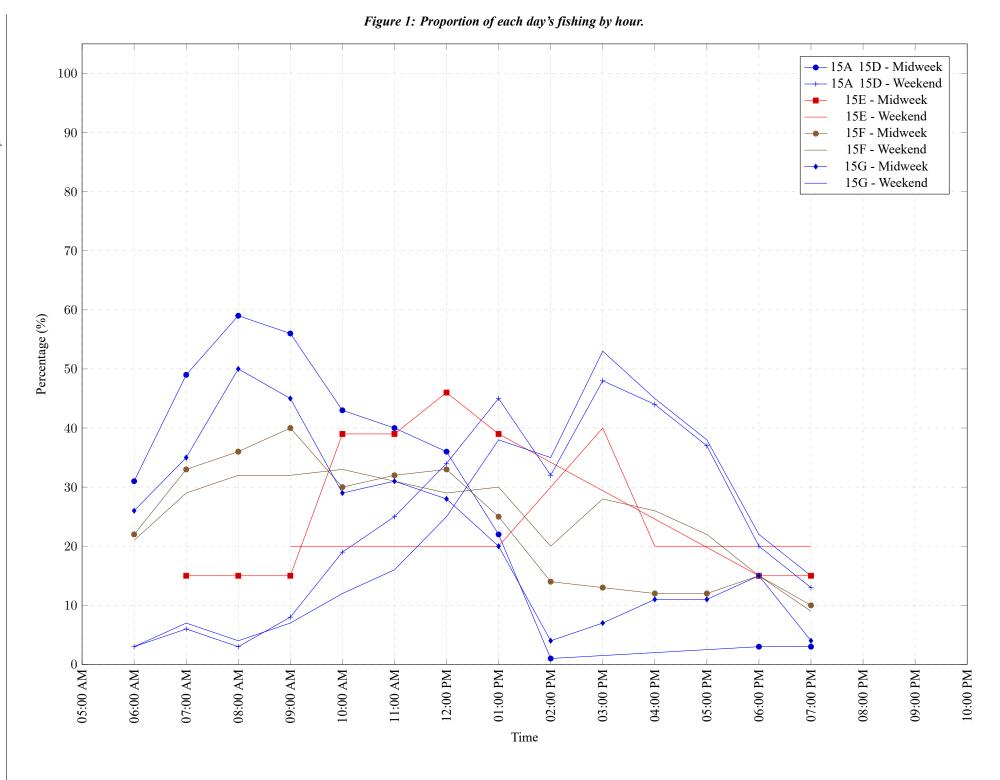
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	1113	270			
2015	July	2130	1470	231		
2016	July	2784	1518	610		
2017	July	3876	863	226		
2018	July	2151	1649	176		
2019	July	1828	1590	68		0
5-Yr Avg	July	2411	1154	311		

Table 5: Sport Head Recovery Review.

Species		Creel l Mark Rate	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Coho	45	100%	2%	0	0%	59%	1
Chinook	345	27%	9%	54	3%		32

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	87	8%
iRec Anglers	4736	6%
iRec Responses	99	1%



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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										
15A 15D	Midweek	31%	49%	59%	56%	43%	40%	36%	22%	1%	0%	0%	0%	3%	3%	0%	0%	0%
15A 15D	Weekend	3%	6%	3%	8%	19%	25%	34%	45%	32%	48%	44%	37%	20%	13%	0%	0%	0%
15E	Midweek	0%	15%	15%	15%	39%	39%	46%	39%	0%	0%	0%	0%	15%	15%	0%	0%	0%
15E	Weekend	0%	0%	0%	20%	20%	0%	0%	20%	0%	40%	20%	20%	20%	20%	0%	0%	0%
15F	Midweek	22%	33%	36%	40%	30%	32%	33%	25%	14%	13%	12%	12%	15%	10%	0%	0%	0%
15F	Weekend	21%	29%	32%	32%	33%	31%	29%	30%	20%	28%	26%	22%	15%	9%	0%	0%	0%
15G	Midweek	26%	35%	50%	45%	29%	31%	28%	20%	4%	7%	11%	11%	15%	4%	0%	0%	0%
15G	Weekend	3%	7%	4%	7%	12%	16%	25%	38%	35%	53%	45%	38%	22%	15%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Comox Mun	Lund	Pacific Play	Saltery Bay	Westview
28 Jun 2019	Midweek			<u> </u>		
29 Jun 2019	Weekend		calm/rippled			
30 Jun 2019	Weekend		canna 1.pp 1.ca			calm/rippled
01 Jul 2019	Weekend					Junio Tippiou
02 Jul 2019	Midweek		calm/rippled			
03 Jul 2019	Midweek		·FF			calm/rippled
04 Jul 2019	Midweek					
05 Jul 2019	Midweek					
06 Jul 2019	Weekend		calm/rippled			
07 Jul 2019	Weekend		calm/rippled			
08 Jul 2019	Midweek		11			
09 Jul 2019	Midweek					
10 Jul 2019	Midweek					
11 Jul 2019	Midweek					
12 Jul 2019	Midweek					
13 Jul 2019	Weekend					calm/rippled
14 Jul 2019	Weekend					**
15 Jul 2019	Midweek					
16 Jul 2019	Midweek					calm/rippled
17 Jul 2019	Midweek		frequent			
			whitecaps			
18 Jul 2019	Midweek					
19 Jul 2019	Midweek					
20 Jul 2019	Weekend				calm/rippled	
21 Jul 2019	Weekend					calm/rippled
22 Jul 2019	Midweek					
23 Jul 2019	Midweek			choppy		
24 Jul 2019	Midweek	calm/rippled				
25 Jul 2019	Midweek					
26 Jul 2019	Midweek					
27 Jul 2019	Weekend		choppy			
28 Jul 2019	Weekend				choppy	
29 Jul 2019	Midweek		calm/rippled			
30 Jul 2019	Midweek					
31 Jul 2019	Midweek					
01 Aug 2019	Midweek					
02 Aug 2019	Midweek					
03 Aug 2019	Weekend		calm/rippled			