FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 July 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020

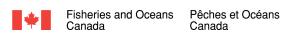




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Eagle Marine (Fuel Dock)	Fourth Street Dock	Met	hod Marine		Tofino R	esort and M	arina	Ucluelet Gov Dock
Date	Day Type	MD	MD	AM	MD	PM	AM	MD	PM	MD
28 Jun 2019	Midweek							10		
29 Jun 2019	Weekend						6			
30 Jun 2019	Weekend									
01 Jul 2019	Weekend							14		
02 Jul 2019	Midweek				2					
03 Jul 2019	Midweek		3							
04 Jul 2019	Midweek							13		
05 Jul 2019	Midweek						4			
06 Jul 2019	Weekend									
07 Jul 2019	Weekend									
08 Jul 2019	Midweek									
09 Jul 2019	Midweek									
10 Jul 2019	Midweek				4					
11 Jul 2019	Midweek								14	
12 Jul 2019	Midweek		1							
13 Jul 2019	Weekend							13		
14 Jul 2019	Weekend					4				
15 Jul 2019	Midweek									
16 Jul 2019	Midweek	1							10	
17 Jul 2019	Midweek							7		
18 Jul 2019	Midweek									
19 Jul 2019	Midweek									
20 Jul 2019	Weekend								22	
21 Jul 2019	Weekend							15		
22 Jul 2019	Midweek									
23 Jul 2019	Midweek								17	
24 Jul 2019	Midweek							22		
25 Jul 2019	Midweek			1						
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			4						
02 Aug 2019	Midweek									
03 Aug 2019	Weekend									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-Jun-2019	Friday	calm/rippled	10	17						
29-Jun-2019	Saturday	calm/rippled	7	20	6			17	1014	24
30-Jun-2019	Sunday		1	7	2					
01-Jul-2019	Monday (Canada Day)	calm/rippled	15	17	2					
02-Jul-2019	Tuesday	calm/rippled	3	4	3					
03-Jul-2019	Wednesday	calm/rippled	6	5	2			4	0928	8
04-Jul-2019	Thursday	calm/rippled	14	26	5		1			
05-Jul-2019	Friday	calm/rippled	4	13	8		2			
06-Jul-2019	Saturday		1	14	2			73	1104	95
07-Jul-2019	Sunday		0							
08-Jul-2019	Monday		0							
09-Jul-2019	Tuesday		1	1				21	1031	36
10-Jul-2019	Wednesday	calm/rippled	4	3	2					
11-Jul-2019	Thursday	calm/rippled	15	10	11					
12-Jul-2019	Friday	calm/rippled	1	3	3					
13-Jul-2019	Saturday	calm/rippled	13	31	29			38	0950	55
14-Jul-2019	Sunday	calm/rippled	4	8	10					
15-Jul-2019	Monday		0							
16-Jul-2019	Tuesday	calm/rippled	14	19	12					
17-Jul-2019	Wednesday	calm/rippled	7	4	5					
18-Jul-2019	Thursday		1	1				18	1031	32
19-Jul-2019	Friday		2	4						
20-Jul-2019	Saturday	calm/rippled	22	15	27			27	1036	35
21-Jul-2019	Sunday	calm/rippled	16	21	30		2			
22-Jul-2019	Monday		0					31	1033	53
23-Jul-2019	Tuesday	calm/rippled	19	14	27		3			
24-Jul-2019	Wednesday	calm/rippled	23	35	42					
25-Jul-2019	Thursday	calm/rippled	1							
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday		3	8	5		2	46	1037	60
28-Jul-2019	Sunday		0							
29-Jul-2019	Monday		0							
30-Jul-2019	Tuesday		0					26	1031	44
31-Jul-2019	Wednesday		0							
01-Aug-2019	Thursday	calm/rippled	4		8					
02-Aug-2019	Friday		0							
03-Aug-2019	Saturday	calm/rippled	1		3					
	Totals	calm/rippled	115	142	120		6	20^*		35*
	Totals	calm/rippled	74	114	105		4	46*		61*

^{*} 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											
Midweek	35	22	770	1.2350	1.0430		0.0520	951	803		40			
Weekend	61	9	549	1.5410	1.4190		0.0540	846	779		30			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	1070	2042	2664		182
2015	July	323	357	230		54
2016	July	552	544	453		21
2017	July	635	813	276		125
2018	July	2403	1873	811		68
2019	July	1280	1440	1738		147
5-Yr Avg	July	997	1126	887		90

Table 5: Sport Head Recovery Review.

Species		Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Coho	338	20%	5%	299	15%	5%	16
Chinook	369	27%	11%	171	14%	24%	41

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	450	73%
iRec Anglers	2522	50%
iRec Responses	79	15%

Figure 1: Proportion of each day's fishing by hour. -- 24D 24E 24I 24J 24K 24L 24M 24N 24O - Midweek 100 24D 24E 24I 24J 24K 24L 24M 24N 24O - Weekend 90 80 70 60 Percentage (%) 50 40 30 20 10 $05.00 \, \mathrm{AM}_{\square}^{0}$ 09:00 AM 05:00 PM 10:00 PM07:00 AM 12:00 PM 02:00 PM 03:00 PM 06:00 AM 04:00 PM 09:00 PM $08:00 \, AM$ $10:00\,\mathrm{AM}$ 11:00 AM 01:00 PM 06:00 PM 07:00 PM 08:00 PM Time

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

Areas	Day Type		8:00 AM	10:00 AM							10:00 PM
24D 24E 24I 24J 24K 24L 24M 24N 24O 24D 24E 24I 24J 24K 24L 24M 24N 24O									0% 0%	0% 0%	0% 0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Eagle Marine (Fuel Dock)	Fourth Street Dock	Method Marine	Tofino Resort and Marina	Ucluelet Gov Dock
28 Jun 2019	Midweek				calm/rippled	
29 Jun 2019	Weekend				calm/rippled	
30 Jun 2019	Weekend				- The state of the	
01 Jul 2019	Weekend				calm/rippled	
02 Jul 2019	Midweek			calm/rippled	camp rippica	
03 Jul 2019	Midweek		calm/rippled	cum rippica		
04 Jul 2019	Midweek		сани прриса		calm/rippled	
05 Jul 2019	Midweek				calm/rippled	
06 Jul 2019	Weekend				санитрргеа	
07 Jul 2019	Weekend					
08 Jul 2019	Midweek					
09 Jul 2019	Midweek					
10 Jul 2019	Midweek			calm/rippled		
11 Jul 2019	Midweek			caminippied	calm/rippled	
12 Jul 2019	Midweek		calm/rippled		cam/rippied	
13 Jul 2019	Weekend		cami/rippicu		calm/rippled	
14 Jul 2019	Weekend			calm/rippled	caminippied	
15 Jul 2019	Midweek			caminippied		
16 Jul 2019	Midweek	calm/rippled			calm/rippled	
17 Jul 2019	Midweek	Callil/Tippled			calm/rippled	
18 Jul 2019	Midweek				cami/rippied	
19 Jul 2019	Midweek					
20 Jul 2019	Weekend				aalma/minmlad	
20 Jul 2019 21 Jul 2019					calm/rippled	
21 Jul 2019 22 Jul 2019	Weekend Midweek				calm/rippled	
	Midweek				1 /	
23 Jul 2019					calm/rippled	
24 Jul 2019	Midweek			1 / 1 1	calm/rippled	
25 Jul 2019	Midweek			calm/rippled		
26 Jul 2019	Midweek					
27 Jul 2019	Weekend					
28 Jul 2019	Weekend					
29 Jul 2019	Midweek					
30 Jul 2019	Midweek					
31 Jul 2019	Midweek			1 / 1 1		
01 Aug 2019	Midweek			calm/rippled		
02 Aug 2019	Midweek					1 / . 1
03 Aug 2019	Weekend					calm/rippled