FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

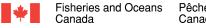
CREEL SURVEY DATA REVIEW PACKAGE

Area 26 August 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Pêches et Océans Canada



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

		Moutcha Bay	Westview	Marina
D-4-	D T	Resort	MD	DM
Date 29 Jul 2019	Day Type	PM	MD 1	PM
	Midweek		1	1
30 Jul 2019	Midweek			1
31 Jul 2019	Midweek			1
01 Aug 2019 02 Aug 2019	Midweek Midweek		3	
02 Aug 2019 03 Aug 2019	Weekend		4	
04 Aug 2019	Weekend		7	
05 Aug 2019	Weekend			
06 Aug 2019	Midweek		1	
07 Aug 2019	Midweek		1	
08 Aug 2019	Midweek		2	
09 Aug 2019	Midweek		2	
10 Aug 2019	Weekend	1	1	
11 Aug 2019	Weekend		1	
12 Aug 2019	Midweek		1	
13 Aug 2019	Midweek			
14 Aug 2019	Midweek			
15 Aug 2019	Midweek			
16 Aug 2019	Midweek			
17 Aug 2019	Weekend		2	
18 Aug 2019	Weekend		1	
19 Aug 2019	Midweek			
20 Aug 2019	Midweek			
21 Aug 2019	Midweek			
22 Aug 2019	Midweek			
23 Aug 2019	Midweek		2	
24 Aug 2019	Weekend		1	
25 Aug 2019	Weekend			
26 Aug 2019	Midweek			
27 Aug 2019	Midweek		1	
28 Aug 2019	Midweek		1	2
29 Aug 2019	Midweek			2
30 Aug 2019	Midweek Weekend			
31 Aug 2019 01 Sep 2019	Weekend			
02 Sep 2019	Weekend			
02 Sep 2019 03 Sep 2019	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
29-Jul-2019	Monday	calm/rippled	5	15						
30-Jul-2019	Tuesday	calm/rippled	10	26	1					
31-Jul-2019	Wednesday	calm/rippled	10	29						
01-Aug-2019	Thursday	**	3	3				11	1154	40
02-Aug-2019	Friday	calm/rippled	8	11	4					
03-Aug-2019	Saturday	calm/rippled	6	6	2		1	28	1018	93
04-Aug-2019	Sunday		3	3						
05-Aug-2019	Monday (B.C.		13	30						
	Day)									
06-Aug-2019	Tuesday	calm/rippled	5	12	1					
07-Aug-2019	Wednesday		4	9	4					
08-Aug-2019	Thursday	calm/rippled	4	8	9					
09-Aug-2019	Friday	calm/rippled	3	7	3					
10-Aug-2019	Saturday	choppy	3	5	1			7	0816	15
11-Aug-2019	Sunday	calm/rippled	2	2						
12-Aug-2019	Monday	calm/rippled	3	8	1					
13-Aug-2019	Tuesday		1	2	4					
14-Aug-2019	Wednesday		2	4	4					
15-Aug-2019	Thursday		7	15	2					
16-Aug-2019	Friday		1	2	6					
17-Aug-2019	Saturday	calm/rippled	4	3	2			23	1035	76
18-Aug-2019	Sunday	choppy	2	3	4					
19-Aug-2019	Monday		3	9	4					
20-Aug-2019	Tuesday		12	21	4					
21-Aug-2019	Wednesday		3	5	4					
22-Aug-2019	Thursday		1	1	4					
23-Aug-2019	Friday	calm/rippled	5	7	4					
24-Aug-2019	Saturday	calm/rippled	2		7			2	0830	4
25-Aug-2019	Sunday		1		2					
26-Aug-2019	Monday		2		4					
27-Aug-2019	Tuesday		1		4			1	0831	2
28-Aug-2019	Wednesday	calm/rippled	2		8					
29-Aug-2019	Thursday	choppy	3		10					
30-Aug-2019	Friday		0						4000	• •
31-Aug-2019	Saturday		0					9	1027	30
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							J.
	Totals	calm/rippled	73	124	84			6*		21*
	Totals	calm/rippled	36	52	18		1	14*		44*

^{*} 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	21	21	441	1.6990	1.1510			749	508				
Weekend	44	10	440	1.4440	0.50		0.0280	635	220		12		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	119	44	22		4
2015	August	226	88	747		37
2016	August	414	1017	88		199
2017	August	576	488	29		141
2018	August	992	1949	1372		29
2019	August	1312	1106	88		58
5-Yr Avg	August	465	717	452		82

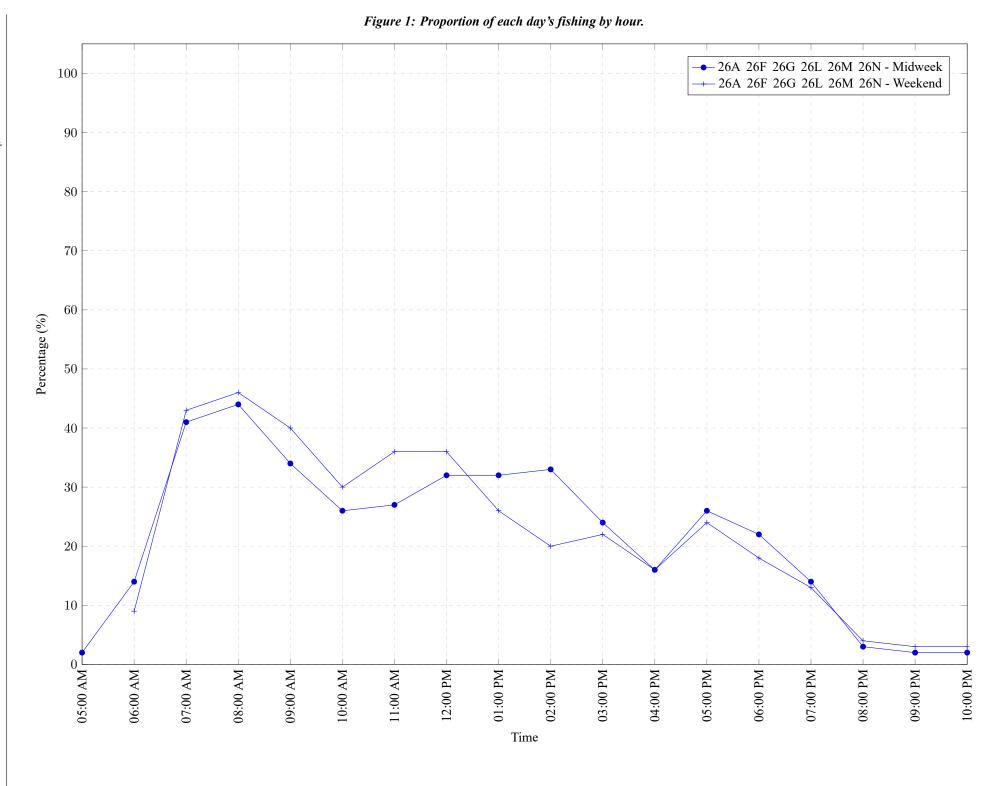
Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch		Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Coho	0	0%	129%	190	13%	6%	12
Chinook	24	2%		113	9%	27%	31

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	25	8%
iRec Anglers	3234	52%
iRec Responses	95	73%

Area 26 August 2019



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

Areas	Day Type	6:00 AM			10:00 AM						
26A 26F 26G 26L 26M 26N 26A 26F 26G 26L 26M 26N	Midweek Weekend			-	26% 30%						

Table 8: Daily Fishing Conditions.

Date	Day Type	Moutcha	Westview
		Bay Resort	Marina
29 Jul 2019	Midweek		calm/rippled
30 Jul 2019	Midweek		calm/rippled
31 Jul 2019	Midweek		calm/rippled
01 Aug 2019	Midweek		
02 Aug 2019	Midweek		calm/rippled
03 Aug 2019	Weekend		calm/rippled
04 Aug 2019	Weekend		
05 Aug 2019	Weekend		
06 Aug 2019	Midweek		calm/rippled
07 Aug 2019	Midweek		
08 Aug 2019	Midweek		calm/rippled
09 Aug 2019	Midweek		calm/rippled
10 Aug 2019	Weekend	frequent	calm/rippled
		whitecaps	
11 Aug 2019	Weekend		calm/rippled
12 Aug 2019	Midweek		calm/rippled
13 Aug 2019	Midweek		
14 Aug 2019	Midweek		
15 Aug 2019	Midweek		
16 Aug 2019	Midweek		
17 Aug 2019	Weekend		calm/rippled
18 Aug 2019	Weekend		choppy
19 Aug 2019	Midweek		
20 Aug 2019	Midweek		
21 Aug 2019	Midweek		
22 Aug 2019	Midweek		1 / 1 1
23 Aug 2019	Midweek		calm/rippled
24 Aug 2019	Weekend		calm/rippled
25 Aug 2019	Weekend		
26 Aug 2019	Midweek		
27 Aug 2019	Midweek		20 lm /mm 1 - 1
28 Aug 2019	Midweek Midweek		calm/rippled
29 Aug 2019	Midweek		choppy
30 Aug 2019 31 Aug 2019	Weekend		
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
02 Sep 2019 03 Sep 2019	Midweek		
03 Sep 2019	MIGWEEK		