

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 25 September 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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

Date	Day Type	Cougar Creek		Westview Marina	
		AM	MD	MD	PM
29 Aug 2019	Midweek		6		11
30 Aug 2019	Midweek	3			
31 Aug 2019	Weekend			14	
01 Sep 2019	Weekend				
02 Sep 2019	Weekend				
03 Sep 2019	Midweek				
04 Sep 2019	Midweek				
05 Sep 2019	Midweek				
06 Sep 2019	Midweek				
07 Sep 2019	Weekend				
08 Sep 2019	Weekend				
09 Sep 2019	Midweek				
10 Sep 2019	Midweek				
11 Sep 2019	Midweek				
12 Sep 2019	Midweek				
13 Sep 2019	Midweek				
14 Sep 2019	Weekend				
15 Sep 2019	Weekend				
16 Sep 2019	Midweek				
17 Sep 2019	Midweek				
18 Sep 2019	Midweek				
19 Sep 2019	Midweek				
20 Sep 2019	Midweek				
21 Sep 2019	Weekend				
22 Sep 2019	Weekend				
23 Sep 2019	Midweek				
24 Sep 2019	Midweek				
25 Sep 2019	Midweek				
26 Sep 2019	Midweek				
27 Sep 2019	Midweek				
28 Sep 2019	Weekend				
29 Sep 2019	Weekend				
30 Sep 2019	Midweek				
01 Oct 2019	Midweek				
02 Oct 2019	Midweek				
03 Oct 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-Aug-2019	Thursday	choppy	18	14	9		9			
30-Aug-2019	Friday	calm/rippled	3	8	1					
31-Aug-2019	Saturday	calm/rippled	14	6	6					
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
04-Sep-2019	Wednesday		0							
05-Sep-2019	Thursday		0							
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday		0							
08-Sep-2019	Sunday		0							
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0							
12-Sep-2019	Thursday		0							
13-Sep-2019	Friday		0							
14-Sep-2019	Saturday		0							
15-Sep-2019	Sunday		0							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0							
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0							
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0							
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0							
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0							
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals							*		*
	Totals							*		*

* 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		20									
Weekend		10									

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	218	65	148		7
2015	September	207	63	84		5
2016	September	322	77	95		17
2017	September	704	208	731		58
2018	September	778	282	1043		
2019	September	896	325	294		32
5-Yr Avg	September	446	139	420		22

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
Coho	61	21%	5%	72	19%	4%	3
Chinook	66	20%	2%	87	22%	1%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	2020	11%
iRec Responses	45	29%

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

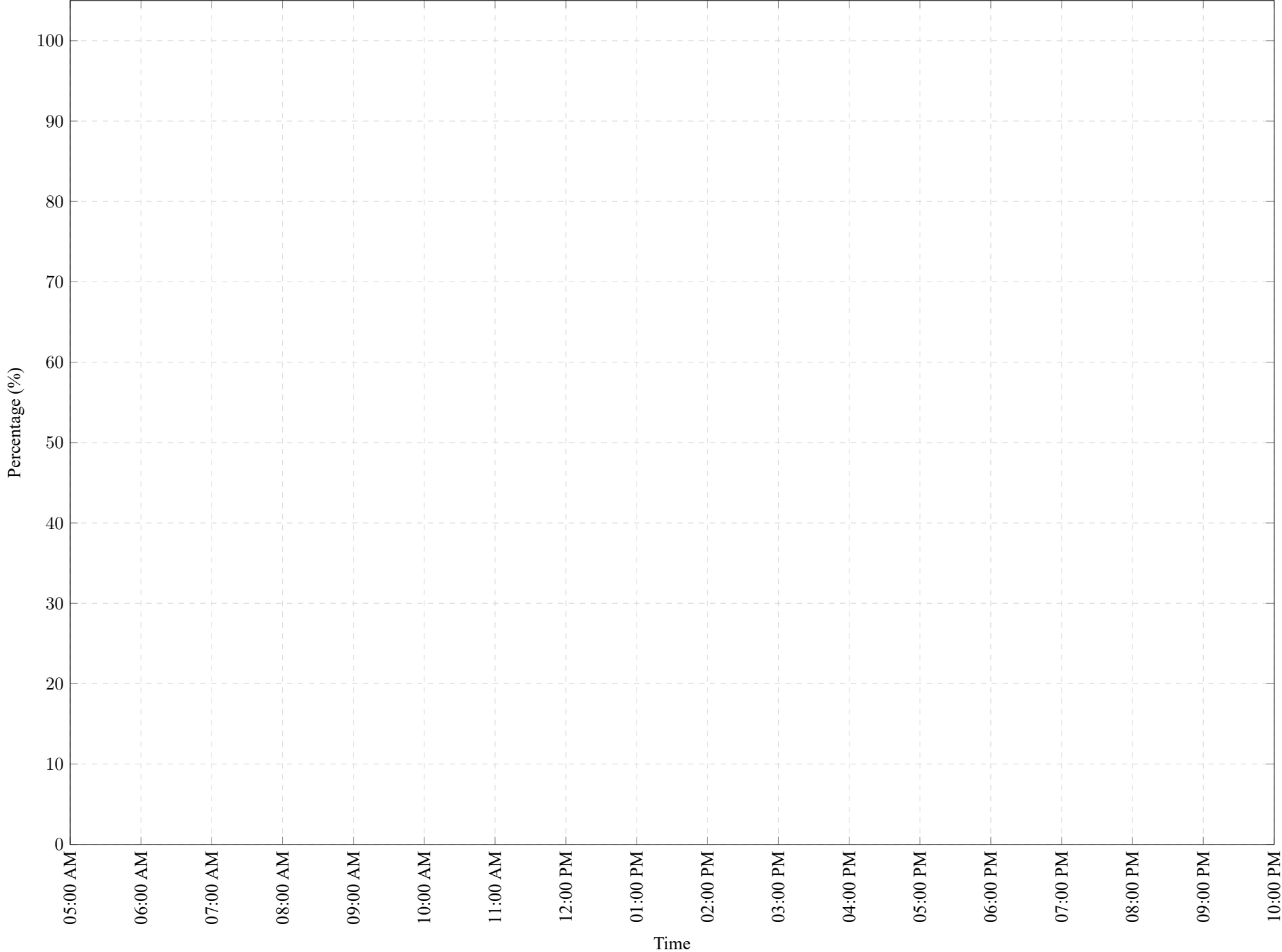


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Westview Marina
29 Aug 2019	Midweek	frequent whitecaps	choppy
30 Aug 2019	Midweek	calm/rippled	
31 Aug 2019	Weekend		calm/rippled
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		
04 Sep 2019	Midweek		
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		
07 Sep 2019	Weekend		
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		