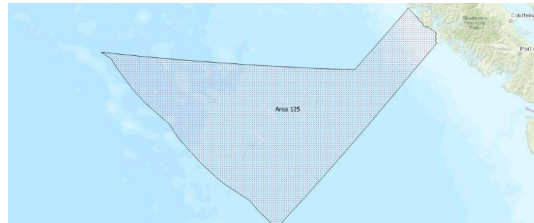


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'your catch counts' features the text in a bold, blue, sans-serif font. To the right of the word 'catch' is a stylized blue icon of a person holding a fishing rod, with a fish on the line.

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

Date	Day Type	Cougar Creek	Westview Marina	
		MD	MD	PM
29 May 2019	Midweek			
30 May 2019	Midweek			
31 May 2019	Midweek			
01 Jun 2019	Weekend			
02 Jun 2019	Weekend			
03 Jun 2019	Midweek			
04 Jun 2019	Midweek			
05 Jun 2019	Midweek			
06 Jun 2019	Midweek			
07 Jun 2019	Midweek			
08 Jun 2019	Weekend			
09 Jun 2019	Weekend			
10 Jun 2019	Midweek			
11 Jun 2019	Midweek			
12 Jun 2019	Midweek			
13 Jun 2019	Midweek			
14 Jun 2019	Midweek			
15 Jun 2019	Weekend			
16 Jun 2019	Weekend			
17 Jun 2019	Midweek		1	
18 Jun 2019	Midweek			
19 Jun 2019	Midweek			
20 Jun 2019	Midweek		1	
21 Jun 2019	Midweek			
22 Jun 2019	Weekend			
23 Jun 2019	Weekend			
24 Jun 2019	Midweek			1
25 Jun 2019	Midweek			
26 Jun 2019	Midweek			
27 Jun 2019	Midweek			
28 Jun 2019	Midweek			
29 Jun 2019	Weekend			
30 Jun 2019	Weekend		1	
01 Jul 2019	Weekend			
02 Jul 2019	Midweek		1	
03 Jul 2019	Midweek	3		

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-May-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		0							
02-Jun-2019	Sunday		0							
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0							
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday		0							
08-Jun-2019	Saturday		0							
09-Jun-2019	Sunday		1				2			
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		1				2			
12-Jun-2019	Wednesday		0							
13-Jun-2019	Thursday		0							
14-Jun-2019	Friday		0							
15-Jun-2019	Saturday		0							
16-Jun-2019	Sunday		1				12	1	0840	2
17-Jun-2019	Monday	choppy	1				1			
18-Jun-2019	Tuesday		0							
19-Jun-2019	Wednesday		0					2	0817	6
20-Jun-2019	Thursday	calm/rippled	1	3						
21-Jun-2019	Friday		0							
22-Jun-2019	Saturday		0					7	0743	12
23-Jun-2019	Sunday		2				16			
24-Jun-2019	Monday	calm/rippled	1				1	0	1033	0
25-Jun-2019	Tuesday		0					6	0827	14
26-Jun-2019	Wednesday		0							
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday		0							
29-Jun-2019	Saturday		0							
30-Jun-2019	Sunday	calm/rippled	4				12	15	0813	25
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday	calm/rippled	1				4			
03-Jul-2019	Wednesday	frequent whitecaps	4	2				10	0834	23
	Totals	calm/rippled	4	3			4	3*		7*
	Totals	calm/rippled	8				42	8*		13*

* 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
Weekend	13	10	130				5.25				683
Midweek	7	20	140	0.75			1	105			140

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	742	1600	7		420
2017	June	512	669	70		228
2018	June	617	658	255		309
2019	June	167	23			100
5-Yr Avg	June	624	976	111		319

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		%		59	37%	24%	14
Chinook	7	30%	729%	117	27%	44%	51

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	68	38%
iRec Anglers	997	55%
iRec Responses	43	72%

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

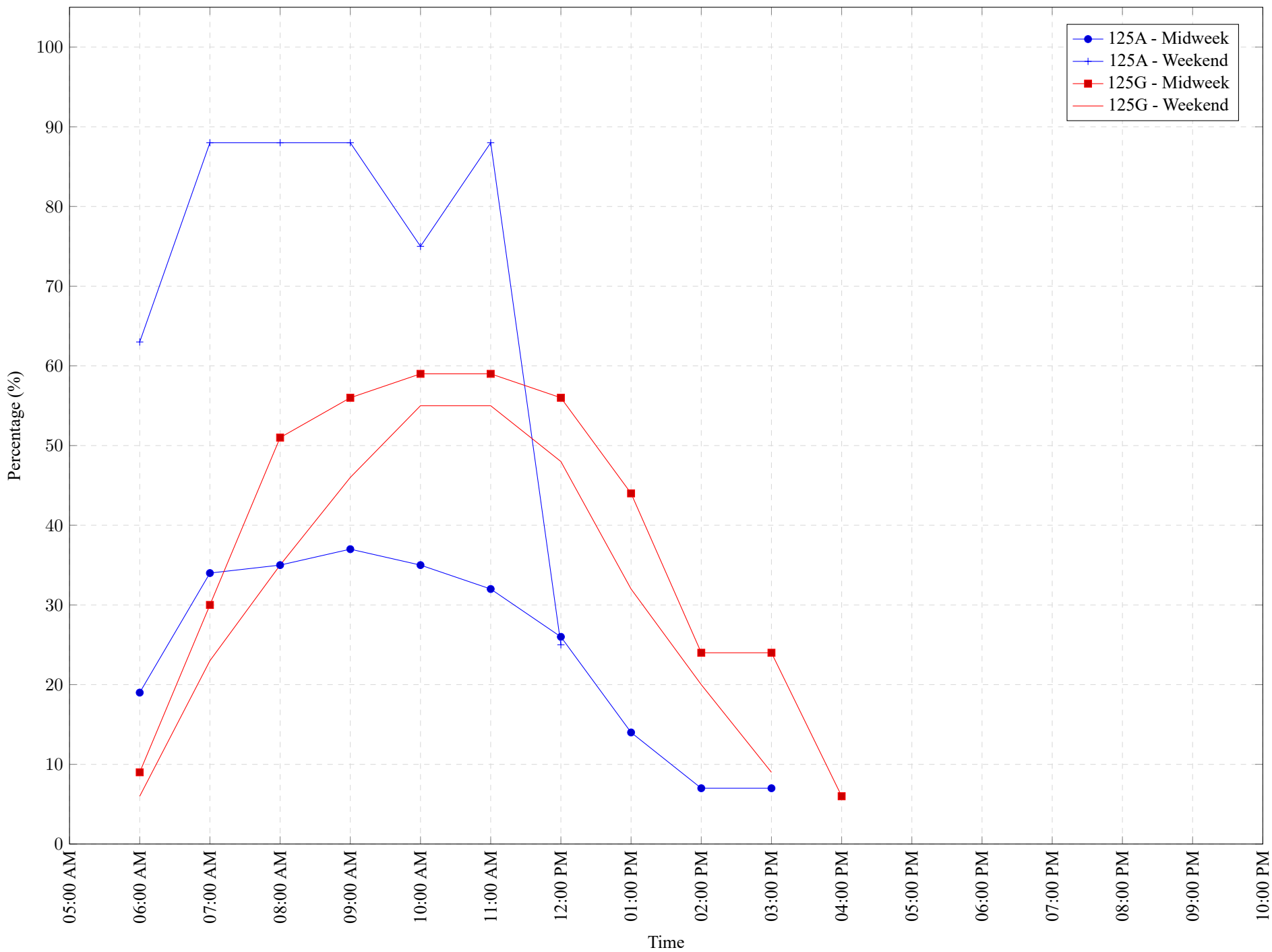


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
125A	Midweek	19%	34%	35%	37%	35%	32%	26%	14%	7%	7%	0%	0%	0%	0%	0%	0%	0%
125A	Weekend	63%	88%	88%	88%	75%	88%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
125G	Midweek	9%	30%	51%	56%	59%	59%	56%	44%	24%	24%	6%	0%	0%	0%	0%	0%	0%
125G	Weekend	6%	23%	35%	46%	55%	55%	48%	32%	20%	9%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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