

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

---

## Area 29 September 2019



*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



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

Date	Day Type	Gibson's	Lady-smith	McDonald Beach		Planetarium		Thunder-bird Marina
		PM	AM	AM	PM	AM	PM	PM
29 Aug 2019	Midweek							
30 Aug 2019	Midweek		1					1
31 Aug 2019	Weekend						14	
01 Sep 2019	Weekend				44			
02 Sep 2019	Weekend							
03 Sep 2019	Midweek							
04 Sep 2019	Midweek					5		
05 Sep 2019	Midweek	1						
06 Sep 2019	Midweek							
07 Sep 2019	Weekend							
08 Sep 2019	Weekend						3	
09 Sep 2019	Midweek							
10 Sep 2019	Midweek							
11 Sep 2019	Midweek				4			
12 Sep 2019	Midweek							
13 Sep 2019	Midweek							2
14 Sep 2019	Weekend			3				
15 Sep 2019	Weekend							
16 Sep 2019	Midweek							
17 Sep 2019	Midweek							
18 Sep 2019	Midweek							
19 Sep 2019	Midweek							
20 Sep 2019	Midweek				8			
21 Sep 2019	Weekend	4						1
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		0							
30-Aug-2019	Friday	choppy	5	13				153	1142	219
31-Aug-2019	Saturday	calm/rippled	17	18	3					
01-Sep-2019	Sunday	calm/rippled	44	46	2			306	1241	472
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
04-Sep-2019	Wednesday	choppy	6	9	1					
05-Sep-2019	Thursday	calm/rippled	2	5				31	1252	55
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday		1	4						
08-Sep-2019	Sunday	choppy	3					118	1224	183
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday	choppy	4	1						
12-Sep-2019	Thursday		0					29	1239	45
13-Sep-2019	Friday	calm/rippled	2							
14-Sep-2019	Saturday	frequent whitecaps	3	1				19	1211	30
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	calm/rippled	8	5	1			128	1243	189
21-Sep-2019	Saturday	choppy	5	4	2			125	1143	199
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0					8	1237	12
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	calm/rippled	22	20	2			49*		75*
	Totals	choppy	56	55	4			142*		221*

\* 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	221	10	2210	0.9820	0.0710			2170	157		
Midweek	75	20	1500	0.9090	0.0910			1364	137		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	5205	517	182	15136	
2015	September	2111	2088	52		
2016	September	3556	1374	407		
2017	September	5028	3056	133		
2018	September	9577	415	579	20815	
2019	September	4017	2674	251		0
5-Yr Avg	September	5095	1490	271	17976	

**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	169	67%	1%		%		1
Chinook	113	4%	13%	71	3%	21%	15

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	78	3%
iRec Anglers	4899	18%
iRec Responses	103	5%

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

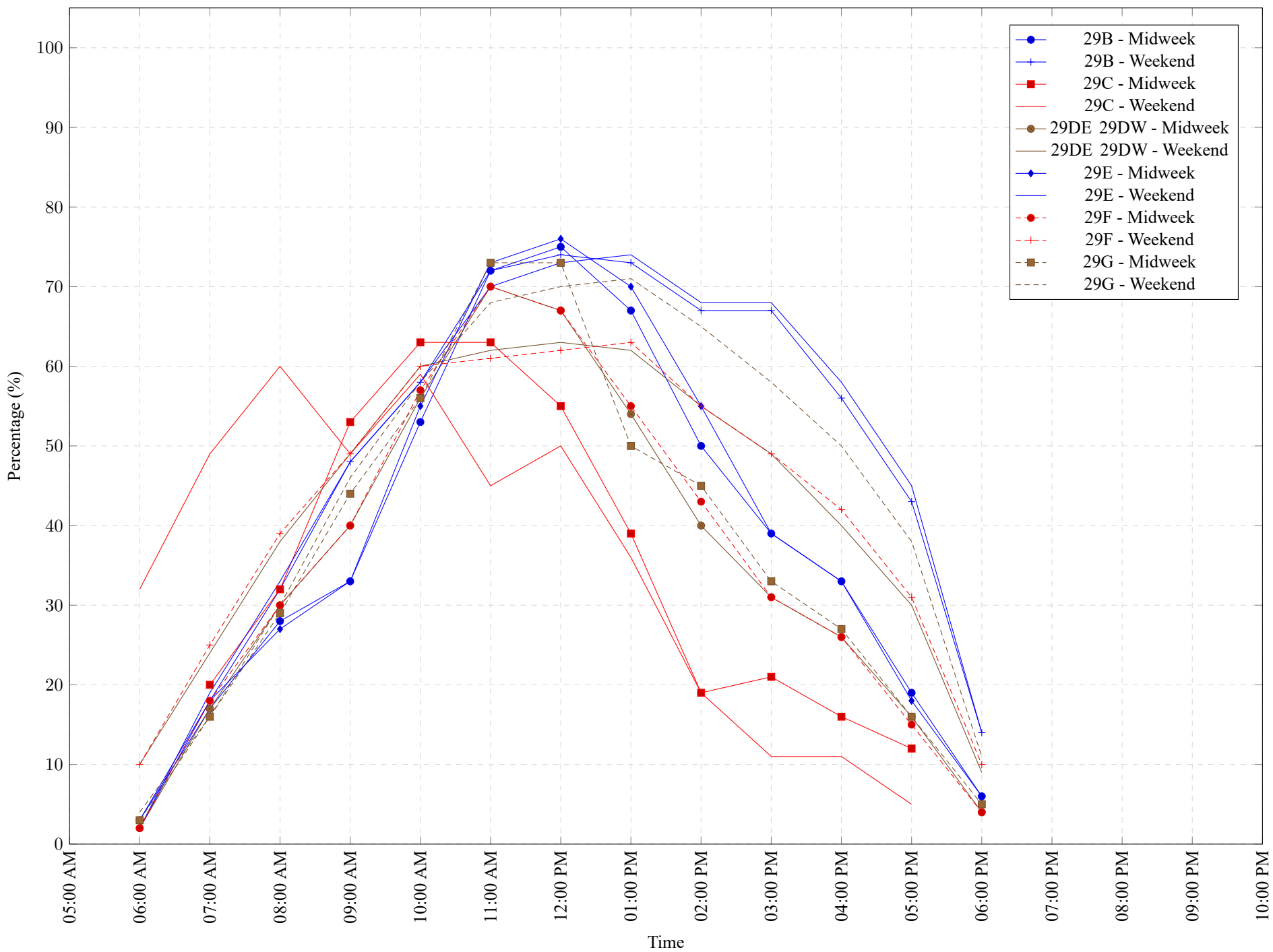


Table 7: Proportion of each day's fishing by hour.

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
29B	Midweek	3%	17%	28%	33%	53%	72%	75%	67%	50%	39%	33%	19%	6%	0%	0%	0%	0%
29B	Weekend	2%	18%	32%	48%	58%	72%	74%	73%	67%	67%	56%	43%	14%	0%	0%	0%	0%
29C	Midweek	0%	20%	32%	53%	63%	63%	55%	39%	19%	21%	16%	12%	0%	0%	0%	0%	0%
29C	Weekend	32%	49%	60%	49%	59%	45%	50%	36%	19%	11%	11%	5%	0%	0%	0%	0%	0%
29DE 29DW	Midweek	2%	17%	30%	40%	56%	70%	67%	54%	40%	31%	26%	16%	4%	0%	0%	0%	0%
29DE 29DW	Weekend	10%	24%	38%	49%	60%	62%	63%	62%	55%	49%	40%	30%	9%	0%	0%	0%	0%
29E	Midweek	3%	18%	27%	33%	55%	73%	76%	70%	55%	39%	33%	18%	6%	0%	0%	0%	0%
29E	Weekend	2%	19%	33%	48%	58%	70%	73%	74%	68%	68%	58%	45%	14%	0%	0%	0%	0%
29F	Midweek	2%	18%	30%	40%	57%	70%	67%	55%	43%	31%	26%	15%	4%	0%	0%	0%	0%
29F	Weekend	10%	25%	39%	49%	60%	61%	62%	63%	55%	49%	42%	31%	10%	0%	0%	0%	0%
29G	Midweek	3%	16%	29%	44%	56%	73%	73%	50%	45%	33%	27%	16%	5%	0%	0%	0%	0%
29G	Weekend	4%	16%	30%	46%	58%	68%	70%	71%	65%	58%	50%	38%	11%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Gibson's	Ladysmith	McDonald Beach	Planetarium	Thunderbird Marina
29 Aug 2019	Midweek					
30 Aug 2019	Midweek		choppy			choppy
31 Aug 2019	Weekend				calm/rippled	
01 Sep 2019	Weekend			calm/rippled		
02 Sep 2019	Weekend					
03 Sep 2019	Midweek					
04 Sep 2019	Midweek				choppy	
05 Sep 2019	Midweek	calm/rippled				
06 Sep 2019	Midweek					
07 Sep 2019	Weekend					
08 Sep 2019	Weekend				choppy	
09 Sep 2019	Midweek					
10 Sep 2019	Midweek					
11 Sep 2019	Midweek			choppy		
12 Sep 2019	Midweek					
13 Sep 2019	Midweek					calm/rippled
14 Sep 2019	Weekend			frequent whitecaps		
15 Sep 2019	Weekend					
16 Sep 2019	Midweek					
17 Sep 2019	Midweek					
18 Sep 2019	Midweek					
19 Sep 2019	Midweek					
20 Sep 2019	Midweek			calm/rippled		
21 Sep 2019	Weekend	choppy				calm/rippled
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					