

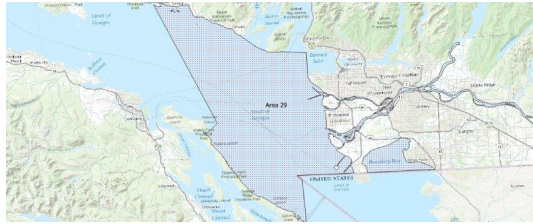
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 29 May 2023



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 8<sup>th</sup> February, 2024



Fisheries and Oceans  
Canada

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Canada



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

Date	Day Type	Brechin	Crofton Ramp	Gibson's Marina	Lady- smith	McDonald Beach		Planetar- ium	Sewell's East
		PM	PM	PM	PM	AM	PM	PM	PM
28 Apr 2023	Midweek								
29 Apr 2023	Weekend								
30 Apr 2023	Weekend								
01 May 2023	Midweek								
02 May 2023	Midweek								
03 May 2023	Midweek								
04 May 2023	Midweek								
05 May 2023	Midweek								
06 May 2023	Weekend								
07 May 2023	Weekend								
08 May 2023	Midweek								
09 May 2023	Midweek								
10 May 2023	Midweek								
11 May 2023	Midweek								
12 May 2023	Midweek				1		1		
13 May 2023	Weekend								
14 May 2023	Weekend	1							1
15 May 2023	Midweek								
16 May 2023	Midweek								
17 May 2023	Midweek								1
18 May 2023	Midweek								
19 May 2023	Midweek					1			
20 May 2023	Weekend								
21 May 2023	Weekend								
22 May 2023	Weekend								
23 May 2023	Midweek								
24 May 2023	Midweek								
25 May 2023	Midweek								
26 May 2023	Midweek								
27 May 2023	Weekend						3		
28 May 2023	Weekend								
29 May 2023	Midweek								
30 May 2023	Midweek								
31 May 2023	Midweek								
01 Jun 2023	Midweek			2				1	
02 Jun 2023	Midweek								
03 Jun 2023	Weekend		2						

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-Apr-2023	Friday		5							
29-Apr-2023	Saturday		4					26	1243	39
30-Apr-2023	Sunday		0							
01-May-2023	Monday		2							
02-May-2023	Tuesday		2							
03-May-2023	Wednesday		0							
04-May-2023	Thursday		5							
05-May-2023	Friday		1					6	1212	20
06-May-2023	Saturday		3					25	1246	36
07-May-2023	Sunday		4							
08-May-2023	Monday		2							
09-May-2023	Tuesday		2							
10-May-2023	Wednesday		2							
11-May-2023	Thursday		1							
12-May-2023	Friday	calm/rippled	7							
13-May-2023	Saturday		4					26	1303	37
14-May-2023	Sunday	choppy	2							
15-May-2023	Monday		0							
16-May-2023	Tuesday		0							
17-May-2023	Wednesday	calm/rippled	2							
18-May-2023	Thursday		0					11	1154	28
19-May-2023	Friday	calm/rippled	6							
20-May-2023	Saturday		7					25	1242	38
21-May-2023	Sunday		5							
22-May-2023	Monday (Victoria Day)		3							
23-May-2023	Tuesday		0					4	1215	13
24-May-2023	Wednesday		1							
25-May-2023	Thursday		1							
26-May-2023	Friday		1							
27-May-2023	Saturday	choppy	8							
28-May-2023	Sunday		5							
29-May-2023	Monday		0							
30-May-2023	Tuesday		1							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday	choppy	3		1					
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday	choppy	6		2			57	1230	84
	Totals	calm/rippled	36					7*		20*
	Totals	choppy	41					25*		37*

\* 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	22	440								
Weekend	37	9	333								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	May	3820	3912			87
2019	May	718	30			
2020	May	1136	17			
2021	May	1518	31	0		1
2022	May	1218	0			0
2023	May	873	9			0
5-Yr Avg	May	1682	798	0		29

**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
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**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	72	38%
iRec Anglers	680	28%

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

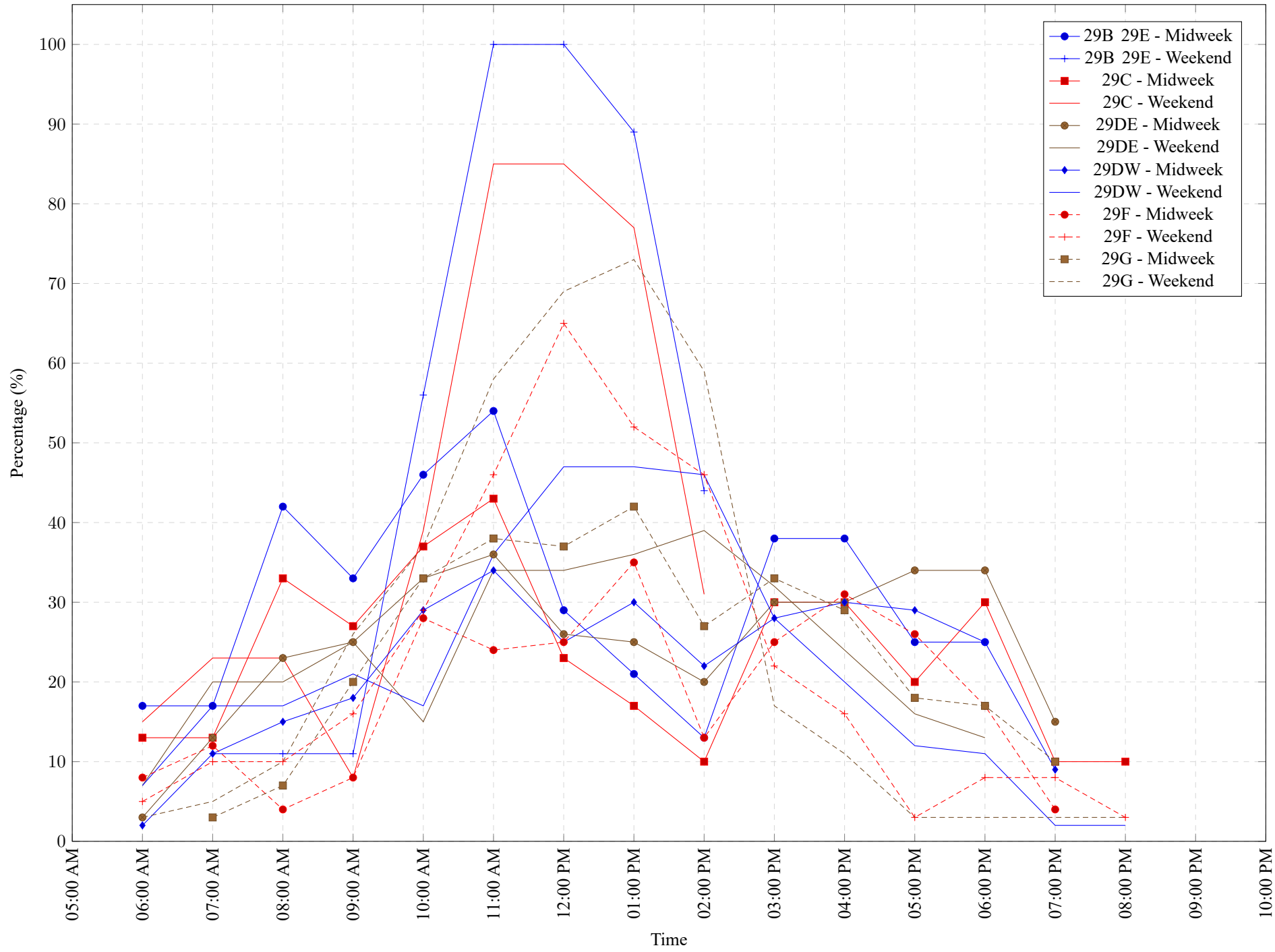


Table 7: Proportion of each day's fishing by hour.

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
29B 29E	Midweek	17%	17%	42%	33%	46%	54%	29%	21%	13%	38%	38%	25%	25%	0%	0%	0%	0%
29B 29E	Weekend	0%	11%	11%	11%	56%	100%	100%	89%	44%	0%	0%	0%	0%	0%	0%	0%	0%
29C	Midweek	13%	13%	33%	27%	37%	43%	23%	17%	10%	30%	30%	20%	30%	10%	10%	0%	0%
29C	Weekend	15%	23%	23%	8%	39%	85%	85%	77%	31%	0%	0%	0%	0%	0%	0%	0%	0%
29DE	Midweek	3%	13%	23%	25%	33%	36%	26%	25%	20%	30%	30%	34%	34%	15%	0%	0%	0%
29DE	Weekend	7%	20%	20%	25%	15%	34%	34%	36%	39%	32%	24%	16%	13%	0%	0%	0%	0%
29DW	Midweek	2%	11%	15%	18%	29%	34%	25%	30%	22%	28%	30%	29%	25%	9%	0%	0%	0%
29DW	Weekend	7%	17%	17%	21%	17%	36%	47%	47%	46%	28%	20%	12%	11%	2%	2%	0%	0%
29F	Midweek	8%	12%	4%	8%	28%	24%	25%	35%	13%	25%	31%	26%	17%	4%	0%	0%	0%
29F	Weekend	5%	10%	10%	16%	29%	46%	65%	52%	46%	22%	16%	3%	8%	8%	3%	0%	0%
29G	Midweek	0%	3%	7%	20%	33%	38%	37%	42%	27%	33%	29%	18%	17%	10%	0%	0%	0%
29G	Weekend	3%	5%	10%	26%	37%	58%	69%	73%	59%	17%	11%	3%	3%	3%	3%	0%	0%

*Table 8: Daily Fishing Conditions.*

Date	Day Type	Brechin	Crofton Ramp	Gibson's Marina	Ladysmith	McDonald Beach	Planetarium	Sewell's East
28 Apr 2023	Midweek							
29 Apr 2023	Weekend							
30 Apr 2023	Weekend							
01 May 2023	Midweek							
02 May 2023	Midweek							
03 May 2023	Midweek							
04 May 2023	Midweek							
05 May 2023	Midweek							
06 May 2023	Weekend							
07 May 2023	Weekend							
08 May 2023	Midweek							
09 May 2023	Midweek							
10 May 2023	Midweek							
11 May 2023	Midweek							
12 May 2023	Midweek				calm/rippled	choppy		
13 May 2023	Weekend							
14 May 2023	Weekend	choppy						calm/rippled
15 May 2023	Midweek							
16 May 2023	Midweek							
17 May 2023	Midweek							calm/rippled
18 May 2023	Midweek							
19 May 2023	Midweek					calm/rippled		
20 May 2023	Weekend							
21 May 2023	Weekend							
22 May 2023	Weekend							
23 May 2023	Midweek							
24 May 2023	Midweek							
25 May 2023	Midweek							
26 May 2023	Midweek							
27 May 2023	Weekend					choppy		
28 May 2023	Weekend							
29 May 2023	Midweek							
30 May 2023	Midweek							
31 May 2023	Midweek							
01 Jun 2023	Midweek			choppy			calm/rippled	
02 Jun 2023	Midweek							
03 Jun 2023	Weekend		choppy					