

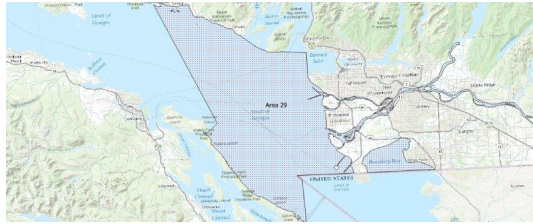
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 29 April 2022



*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> January, 2023



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

Date	Day Type	Gibson's Marina PM	McDon- ald Beach PM	Thunder- bird Marina PM
29 Mar 2022	Midweek			
30 Mar 2022	Midweek			
31 Mar 2022	Midweek			
01 Apr 2022	Midweek	1		
02 Apr 2022	Weekend			
03 Apr 2022	Weekend			
04 Apr 2022	Midweek			
05 Apr 2022	Midweek			
06 Apr 2022	Midweek			
07 Apr 2022	Midweek			
08 Apr 2022	Midweek			
09 Apr 2022	Weekend			
10 Apr 2022	Weekend			
11 Apr 2022	Midweek			
12 Apr 2022	Midweek			
13 Apr 2022	Midweek			
14 Apr 2022	Midweek			
15 Apr 2022	Weekend			
16 Apr 2022	Weekend			
17 Apr 2022	Weekend			
18 Apr 2022	Midweek			
19 Apr 2022	Midweek			
20 Apr 2022	Midweek			
21 Apr 2022	Midweek			
22 Apr 2022	Midweek			
23 Apr 2022	Weekend			
24 Apr 2022	Weekend			
25 Apr 2022	Midweek			
26 Apr 2022	Midweek			
27 Apr 2022	Midweek			
28 Apr 2022	Midweek		1	
29 Apr 2022	Midweek			1
30 Apr 2022	Weekend			
01 May 2022	Weekend			
02 May 2022	Midweek			
03 May 2022	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-Mar-2022	Tuesday		1							
30-Mar-2022	Wednesday		3	1						
31-Mar-2022	Thursday		2	2						
01-Apr-2022	Friday	calm/rippled	1							
02-Apr-2022	Saturday		4					12	1250	102
03-Apr-2022	Sunday		0							
04-Apr-2022	Monday		0							
05-Apr-2022	Tuesday		0					0	1229	0
06-Apr-2022	Wednesday		8							
07-Apr-2022	Thursday		1							
08-Apr-2022	Friday		0							
09-Apr-2022	Saturday		0					4	1228	10
10-Apr-2022	Sunday		0							
11-Apr-2022	Monday		0							
12-Apr-2022	Tuesday		0							
13-Apr-2022	Wednesday		6							
14-Apr-2022	Thursday		3							
15-Apr-2022	Friday (Good Friday)		0					3	1243	28
16-Apr-2022	Saturday		2							
17-Apr-2022	Sunday		1							
18-Apr-2022	Monday		0							
19-Apr-2022	Tuesday		0							
20-Apr-2022	Wednesday		3							
21-Apr-2022	Thursday		0							
22-Apr-2022	Friday		3							
23-Apr-2022	Saturday		0							
24-Apr-2022	Sunday		2							
25-Apr-2022	Monday		0					2	1238	3
26-Apr-2022	Tuesday		0							
27-Apr-2022	Wednesday		3					7	1231	11
28-Apr-2022	Thursday	calm/rippled	3							
29-Apr-2022	Friday	calm/rippled	4							
30-Apr-2022	Saturday		4							
01-May-2022	Sunday		1							
02-May-2022	Monday		0							
03-May-2022	Tuesday		9							
	Totals	calm/rippled	35					3*		5*
	Totals		13					6*		47*

\* 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	5	20	100								
Weekend	47	10	470								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	432	0	0		0

**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
Chinook	0	0%			%		1

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	48	10%
iRec Anglers	202	32%

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

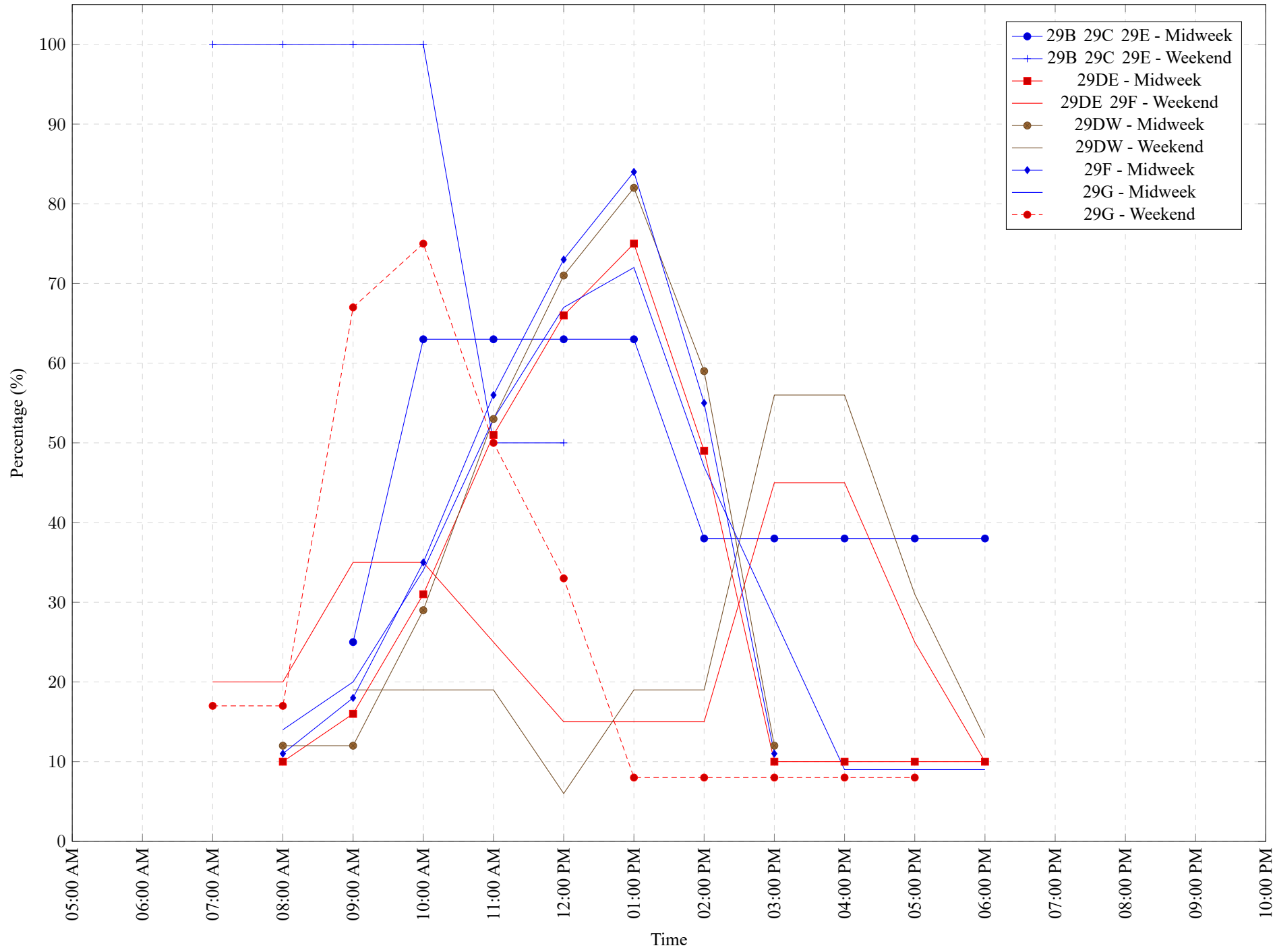


Table 7: Proportion of each day's fishing by hour.

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 29C 29E			Midweek	0%	0%	0%	25%	63%	63%	63%	63%	38%	38%	38%	38%	38%	0%	0%	0%	0%
29B 29C 29E			Weekend	0%	100%	100%	100%	100%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
29DE			Midweek	0%	0%	10%	16%	31%	51%	66%	75%	49%	10%	10%	10%	10%	0%	0%	0%	0%
29DE 29F			Weekend	0%	20%	20%	35%	35%	25%	15%	15%	15%	45%	45%	25%	10%	0%	0%	0%	0%
29DW			Midweek	0%	0%	12%	12%	29%	53%	71%	82%	59%	12%	0%	0%	0%	0%	0%	0%	0%
29DW			Weekend	0%	0%	0%	19%	19%	19%	6%	19%	19%	56%	56%	31%	13%	0%	0%	0%	0%
29F			Midweek	0%	0%	11%	18%	35%	56%	73%	84%	55%	11%	0%	0%	0%	0%	0%	0%	0%
29G			Midweek	0%	0%	14%	20%	34%	53%	67%	72%	47%	28%	9%	9%	9%	0%	0%	0%	0%
29G			Weekend	0%	17%	17%	67%	75%	50%	33%	8%	8%	8%	8%	8%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Gibson's Marina	McDonald Beach	Thunderbird Marina
29 Mar 2022	Midweek			
30 Mar 2022	Midweek			
31 Mar 2022	Midweek			
01 Apr 2022	Midweek	calm/rippled		
02 Apr 2022	Weekend			
03 Apr 2022	Weekend			
04 Apr 2022	Midweek			
05 Apr 2022	Midweek			
06 Apr 2022	Midweek			
07 Apr 2022	Midweek			
08 Apr 2022	Midweek			
09 Apr 2022	Weekend			
10 Apr 2022	Weekend			
11 Apr 2022	Midweek			
12 Apr 2022	Midweek			
13 Apr 2022	Midweek			
14 Apr 2022	Midweek			
15 Apr 2022	Weekend			
16 Apr 2022	Weekend			
17 Apr 2022	Weekend			
18 Apr 2022	Midweek			
19 Apr 2022	Midweek			
20 Apr 2022	Midweek			
21 Apr 2022	Midweek			
22 Apr 2022	Midweek			
23 Apr 2022	Weekend			
24 Apr 2022	Weekend			
25 Apr 2022	Midweek			
26 Apr 2022	Midweek			
27 Apr 2022	Midweek			
28 Apr 2022	Midweek		calm/rippled	
29 Apr 2022	Midweek			calm/rippled
30 Apr 2022	Weekend			
01 May 2022	Weekend			
02 May 2022	Midweek			
03 May 2022	Midweek			