

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 29 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 18th August, 2024



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Canada

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Canada



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

		Gibson's Marina		Madeira	McDonald Beach		Planetarium		Rocky Point Public Boat Launch		Squamish Boat Launch	Thunderbird Marina	
Date	Day Type	AM	PM	PM	AM	PM	AM	PM	AM	PM	PM	AM	PM
29 May 2024	Midweek												
30 May 2024	Midweek												
31 May 2024	Midweek												
01 Jun 2024	Weekend					3		1					
02 Jun 2024	Weekend												
03 Jun 2024	Midweek												
04 Jun 2024	Midweek												
05 Jun 2024	Midweek							1					
06 Jun 2024	Midweek												
07 Jun 2024	Midweek												
08 Jun 2024	Weekend					11					1		
09 Jun 2024	Weekend							3				1	
10 Jun 2024	Midweek												
11 Jun 2024	Midweek												
12 Jun 2024	Midweek												
13 Jun 2024	Midweek												1
14 Jun 2024	Midweek												
15 Jun 2024	Weekend												
16 Jun 2024	Weekend	5											
17 Jun 2024	Midweek												
18 Jun 2024	Midweek												1
19 Jun 2024	Midweek		5										
20 Jun 2024	Midweek												1
21 Jun 2024	Midweek												
22 Jun 2024	Weekend					2		3					
23 Jun 2024	Weekend									2			
24 Jun 2024	Midweek									1			
25 Jun 2024	Midweek											1	
26 Jun 2024	Midweek		2										
27 Jun 2024	Midweek												
28 Jun 2024	Midweek												
29 Jun 2024	Weekend												
30 Jun 2024	Weekend					4							
01 Jul 2024	Weekend											1	
02 Jul 2024	Midweek												
03 Jul 2024	Midweek	4		1					1				

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-2024	Wednesday		0							
30-May-2024	Thursday		1					5	1221	13
31-May-2024	Friday		0							
01-Jun-2024	Saturday	calm/rippled	5		1			29	1325	58
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday	calm/rippled	1							
06-Jun-2024	Thursday		2							
07-Jun-2024	Friday		0					5	1328	13
08-Jun-2024	Saturday	calm/rippled	14	1						
09-Jun-2024	Sunday	calm/rippled	4					55	1319	115
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday		0							
13-Jun-2024	Thursday	calm/rippled	1							
14-Jun-2024	Friday		0							
15-Jun-2024	Saturday		0					33	1244	71
16-Jun-2024	Sunday	calm/rippled	5							
17-Jun-2024	Monday		0					20	1312	51
18-Jun-2024	Tuesday	calm/rippled	2		2					
19-Jun-2024	Wednesday	calm/rippled	6		4					
20-Jun-2024	Thursday	calm/rippled	2		1			4	1313	12
21-Jun-2024	Friday		3		1					
22-Jun-2024	Saturday	calm/rippled	5		1			23	1312	46
23-Jun-2024	Sunday	calm/rippled	2		2					
24-Jun-2024	Monday	calm/rippled	1		3			33	1317	85
25-Jun-2024	Tuesday	calm/rippled	2		2					
26-Jun-2024	Wednesday	calm/rippled	2		2					
27-Jun-2024	Thursday		1		2					
28-Jun-2024	Friday		0							
29-Jun-2024	Saturday		1							
30-Jun-2024	Sunday	calm/rippled	6		9					
01-Jul-2024	Monday (Canada Day)	calm/rippled	1		6			65	1210	127
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	choppy	6		1					
	Totals	calm/rippled	23		17			16*		40*
	Totals	calm/rippled	42	1	13			35*		73*

* 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	40	20	800		0.739				591		
Weekend	73	10	730	0.024	0.31			18	226		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	1023	8	94		0
2020	June	1741	4	86		4
2021	June	1207	0	0		0
2022	June	736	0	32		0
2023	June	1361	1	2083		0
2024	June	1552	13	1367		0
5-Yr Avg	June	1214	3	459		1

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	49	4%
iRec Anglers	1790	16%

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

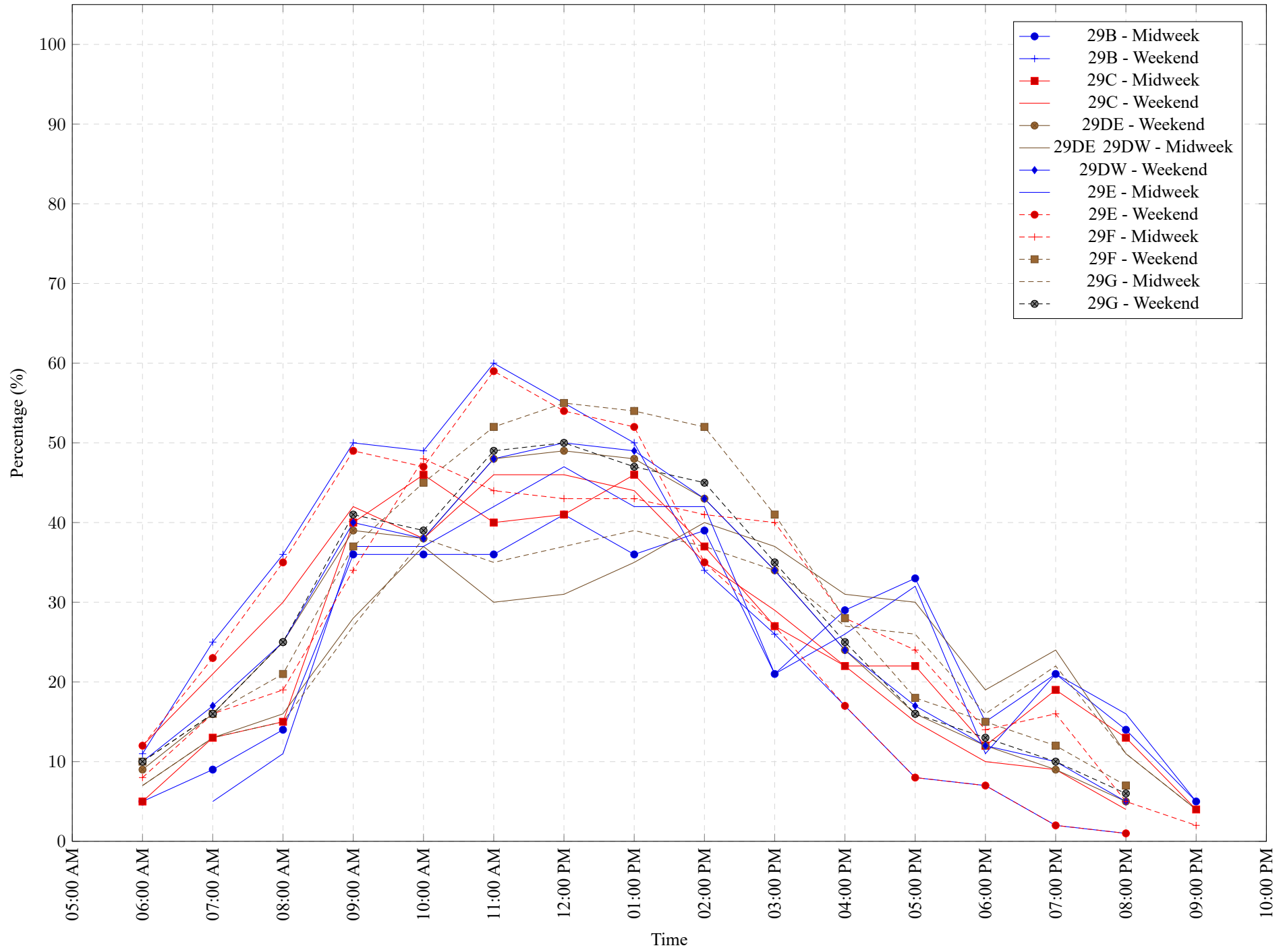


Table 7: Proportion of each day's fishing by hour.

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	5%	9%	14%	36%	36%	36%	41%	36%	39%	21%	29%	33%	15%	21%	14%	5%	0%
29B	Weekend	11%	25%	36%	50%	49%	60%	55%	50%	34%	26%	17%	8%	7%	2%	1%	0%	0%
29C	Midweek	5%	13%	15%	40%	46%	40%	41%	46%	37%	27%	22%	22%	12%	19%	13%	4%	0%
29C	Weekend	12%	21%	30%	42%	38%	46%	46%	44%	35%	29%	22%	15%	10%	9%	4%	0%	0%
29DE	Weekend	9%	16%	25%	39%	38%	48%	49%	48%	43%	34%	24%	16%	12%	9%	5%	0%	0%
29DE 29DW	Midweek	7%	13%	16%	28%	37%	30%	31%	35%	40%	37%	31%	30%	19%	24%	11%	4%	0%
29DW	Weekend	10%	17%	25%	40%	38%	48%	50%	49%	43%	34%	24%	17%	12%	10%	5%	0%	0%
29E	Midweek	0%	5%	11%	37%	37%	42%	47%	42%	42%	21%	26%	32%	11%	21%	16%	5%	0%
29E	Weekend	12%	23%	35%	49%	47%	59%	54%	52%	35%	27%	17%	8%	7%	2%	1%	0%	0%
29F	Midweek	8%	16%	19%	34%	48%	44%	43%	43%	41%	40%	28%	24%	14%	16%	5%	2%	0%
29F	Weekend	10%	16%	21%	37%	45%	52%	55%	54%	52%	41%	28%	18%	15%	12%	7%	0%	0%
29G	Midweek	7%	13%	15%	27%	38%	35%	37%	39%	37%	34%	27%	26%	16%	22%	11%	4%	0%
29G	Weekend	10%	16%	25%	41%	39%	49%	50%	47%	45%	35%	25%	16%	13%	10%	6%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Gibson's Marina	Madeira	McDonald Beach	Planetarium	Rocky Point Public Boat Launch	Squamish Boat Launch	Thunderbird Marina
29 May 2024	Midweek							
30 May 2024	Midweek							
31 May 2024	Midweek							
01 Jun 2024	Weekend			calm/rippled	choppy			
02 Jun 2024	Weekend							
03 Jun 2024	Midweek							
04 Jun 2024	Midweek							
05 Jun 2024	Midweek				calm/rippled			
06 Jun 2024	Midweek							
07 Jun 2024	Midweek							
08 Jun 2024	Weekend			calm/rippled			calm/rippled	
09 Jun 2024	Weekend				calm/rippled			calm/rippled
10 Jun 2024	Midweek							
11 Jun 2024	Midweek							
12 Jun 2024	Midweek							
13 Jun 2024	Midweek							calm/rippled
14 Jun 2024	Midweek							
15 Jun 2024	Weekend							
16 Jun 2024	Weekend	calm/rippled						
17 Jun 2024	Midweek							
18 Jun 2024	Midweek							calm/rippled
19 Jun 2024	Midweek	calm/rippled						
20 Jun 2024	Midweek							calm/rippled
21 Jun 2024	Midweek							
22 Jun 2024	Weekend			calm/rippled	calm/rippled			
23 Jun 2024	Weekend					calm/rippled		
24 Jun 2024	Midweek					calm/rippled		
25 Jun 2024	Midweek							calm/rippled
26 Jun 2024	Midweek	calm/rippled						
27 Jun 2024	Midweek							
28 Jun 2024	Midweek							
29 Jun 2024	Weekend							
30 Jun 2024	Weekend			calm/rippled				
01 Jul 2024	Weekend							calm/rippled
02 Jul 2024	Midweek							
03 Jul 2024	Midweek	choppy	calm/rippled			choppy		