

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 29 July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 11th September, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Bucaneer	Cates Park Boat Ramp	Crofton Ramp	Gibson's Marina		Madeira	McDonald Beach		Planetarium		Porteau Cove	Rocky Point Public Boat Launch		Sewell's East		Thunder- bird Marina
Date	Day Type	AM	PM	PM	AM	PM	PM	AM	PM	AM	PM	AM	AM	PM	AM	PM	AM
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				
04 Jul 2024	Midweek										1						
05 Jul 2024	Midweek															1	
06 Jul 2024	Weekend																
07 Jul 2024	Weekend									9							
08 Jul 2024	Midweek																
09 Jul 2024	Midweek																
10 Jul 2024	Midweek																
11 Jul 2024	Midweek							1									
12 Jul 2024	Midweek																
13 Jul 2024	Weekend																
14 Jul 2024	Weekend							9									1
15 Jul 2024	Midweek													4			
16 Jul 2024	Midweek															4	
17 Jul 2024	Midweek										1						
18 Jul 2024	Midweek					2											
19 Jul 2024	Midweek													1			
20 Jul 2024	Weekend	1															
21 Jul 2024	Weekend																
22 Jul 2024	Midweek			1													
23 Jul 2024	Midweek								4								
24 Jul 2024	Midweek		2														
25 Jul 2024	Midweek																
26 Jul 2024	Midweek														3		
27 Jul 2024	Weekend					14			5		2						
28 Jul 2024	Weekend																
29 Jul 2024	Midweek																
30 Jul 2024	Midweek							3									
31 Jul 2024	Midweek											1					
01 Aug 2024	Midweek																
02 Aug 2024	Midweek																1
03 Aug 2024	Weekend																

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-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	125
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	choppy	6		1					
04-Jul-2024	Thursday	choppy	1		1			3	1216	6
05-Jul-2024	Friday	calm/rippled	1		3					
06-Jul-2024	Saturday		0					10	1246	20
07-Jul-2024	Sunday	calm/rippled	9		20					
08-Jul-2024	Monday		0							
09-Jul-2024	Tuesday		0							
10-Jul-2024	Wednesday		0							
11-Jul-2024	Thursday	frequent whitecaps	1		1					
12-Jul-2024	Friday		0					4	1227	7
13-Jul-2024	Saturday		0							
14-Jul-2024	Sunday	choppy	10	1	24			45	1245	93
15-Jul-2024	Monday	calm/rippled	4	2	9			63	1315	114
16-Jul-2024	Tuesday	calm/rippled	4		7					
17-Jul-2024	Wednesday	calm/rippled	1		4					
18-Jul-2024	Thursday	calm/rippled	2		3			15	1214	27
19-Jul-2024	Friday	calm/rippled	1		5					
20-Jul-2024	Saturday	calm/rippled	1					139	1209	275
21-Jul-2024	Sunday		0					64	1206	123
22-Jul-2024	Monday	choppy	1							
23-Jul-2024	Tuesday	choppy	4		4			30	1220	54
24-Jul-2024	Wednesday	calm/rippled	2							
25-Jul-2024	Thursday		0							
26-Jul-2024	Friday	calm/rippled	3		11			32	1216	55
27-Jul-2024	Saturday	calm/rippled	21	2	11			106	1213	210
28-Jul-2024	Sunday		0							
29-Jul-2024	Monday		0							
30-Jul-2024	Tuesday	calm/rippled	3							
31-Jul-2024	Wednesday	calm/rippled	1		3					
01-Aug-2024	Thursday		0							
02-Aug-2024	Friday	calm/rippled	1		1			81	1220	154
03-Aug-2024	Saturday		0					101	1232	204
	Totals	calm/rippled	35	2	52			25*		44*
	Totals	calm/rippled	42	3	61			72*		141*

* 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	44	22	968	0.057	1.486			55	1438		
Weekend	141	9	1269	0.071	1.452			90	1843		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	1744	242	190		0
2020	July	1864	128	433		0
2021	July	1416	247	157	0	0
2022	July	1338	460	13		0
2023	July	2845	271	4839	36	0
2024	July	2238	104	3343		0
5-Yr Avg	July	1841	270	1126	18	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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	77	9%

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

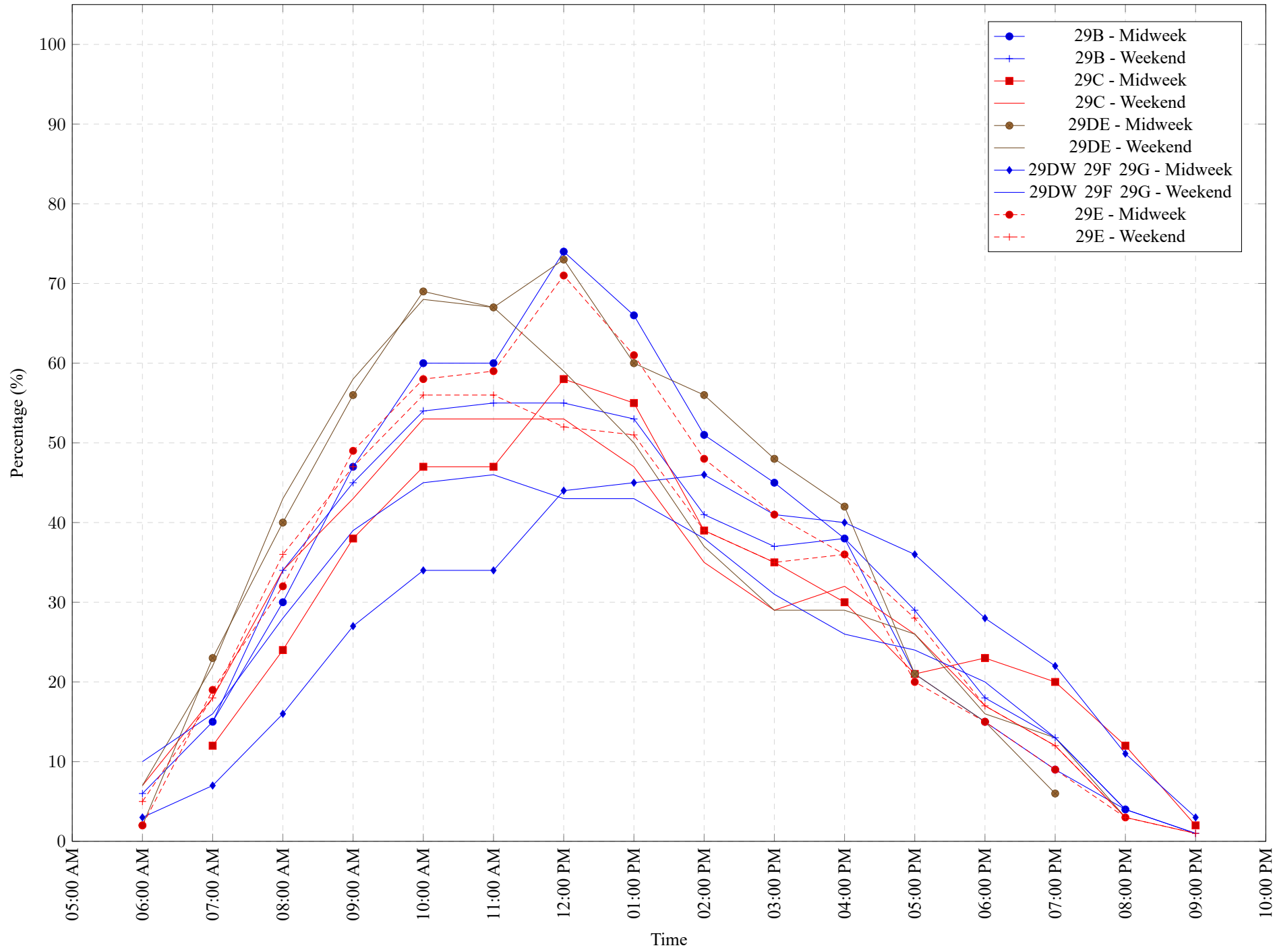


Table 7: Proportion of each day's fishing by hour.

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	0%	15%	30%	47%	60%	60%	74%	66%	51%	45%	38%	21%	15%	9%	4%	0%	0%
29B	Weekend	6%	15%	34%	45%	54%	55%	55%	53%	41%	37%	38%	29%	18%	13%	4%	1%	0%
29C	Midweek	0%	12%	24%	38%	47%	47%	58%	55%	39%	35%	30%	21%	23%	20%	12%	2%	0%
29C	Weekend	7%	18%	34%	43%	53%	53%	53%	47%	35%	29%	32%	26%	17%	12%	3%	1%	0%
29DE	Midweek	2%	23%	40%	56%	69%	67%	73%	60%	56%	48%	42%	21%	15%	6%	0%	0%	0%
29DE	Weekend	7%	22%	43%	58%	68%	67%	59%	50%	37%	29%	29%	26%	16%	13%	3%	0%	0%
29DW 29F 29G	Midweek	3%	7%	16%	27%	34%	34%	44%	45%	46%	41%	40%	36%	28%	22%	11%	3%	0%
29DW 29F 29G	Weekend	10%	16%	28%	39%	45%	46%	43%	43%	38%	31%	26%	24%	20%	13%	4%	1%	0%
29E	Midweek	2%	19%	32%	49%	58%	59%	71%	61%	48%	41%	36%	20%	15%	9%	3%	0%	0%
29E	Weekend	5%	18%	36%	47%	56%	56%	52%	51%	39%	35%	36%	28%	17%	12%	3%	1%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bucaneer	Cates Park Boat Ramp	Crofton Ramp	Gibson's Marina	Madeira	McDonald Beach	Planetarium	Porteau Cove	Rocky Point Public Boat Launch	Sewell's East	Thunderbird Marina
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		
04 Jul 2024	Midweek							choppy				
05 Jul 2024	Midweek										calm/rippled	
06 Jul 2024	Weekend											
07 Jul 2024	Weekend							calm/rippled				
08 Jul 2024	Midweek											
09 Jul 2024	Midweek											
10 Jul 2024	Midweek											
11 Jul 2024	Midweek						frequent whitecaps					
12 Jul 2024	Midweek											
13 Jul 2024	Weekend											
14 Jul 2024	Weekend						choppy					calm/rippled
15 Jul 2024	Midweek									calm/rippled		
16 Jul 2024	Midweek										calm/rippled	
17 Jul 2024	Midweek							calm/rippled				
18 Jul 2024	Midweek				calm/rippled							
19 Jul 2024	Midweek									calm/rippled		
20 Jul 2024	Weekend	calm/rippled										
21 Jul 2024	Weekend											
22 Jul 2024	Midweek			choppy								
23 Jul 2024	Midweek						choppy					
24 Jul 2024	Midweek		calm/rippled									
25 Jul 2024	Midweek											
26 Jul 2024	Midweek										calm/rippled	
27 Jul 2024	Weekend				calm/rippled		calm/rippled		choppy			
28 Jul 2024	Weekend											
29 Jul 2024	Midweek											
30 Jul 2024	Midweek						calm/rippled					
31 Jul 2024	Midweek								calm/rippled			
01 Aug 2024	Midweek											
02 Aug 2024	Midweek											calm/rippled
03 Aug 2024	Weekend											