

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 27 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 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.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp	
		AM	AM	AM	PM
29 Jul 2024	Midweek				
30 Jul 2024	Midweek				
31 Jul 2024	Midweek			8	
01 Aug 2024	Midweek			10	
02 Aug 2024	Midweek				5
03 Aug 2024	Weekend			15	
04 Aug 2024	Weekend			5	
05 Aug 2024	Weekend				
06 Aug 2024	Midweek				
07 Aug 2024	Midweek				
08 Aug 2024	Midweek				
09 Aug 2024	Midweek				
10 Aug 2024	Weekend			10	
11 Aug 2024	Weekend				10
12 Aug 2024	Midweek				
13 Aug 2024	Midweek				
14 Aug 2024	Midweek		10	7	
15 Aug 2024	Midweek				8
16 Aug 2024	Midweek			6	
17 Aug 2024	Weekend				10
18 Aug 2024	Weekend			5	
19 Aug 2024	Midweek				
20 Aug 2024	Midweek				
21 Aug 2024	Midweek	9		3	
22 Aug 2024	Midweek		14		4
23 Aug 2024	Midweek			3	
24 Aug 2024	Weekend	17			
25 Aug 2024	Weekend				1
26 Aug 2024	Midweek			2	
27 Aug 2024	Midweek				
28 Aug 2024	Midweek				7
29 Aug 2024	Midweek			2	
30 Aug 2024	Midweek			3	
31 Aug 2024	Weekend				
01 Sep 2024	Weekend				
02 Sep 2024	Weekend				
03 Sep 2024	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-Jul-2024	Monday		1	3	4					
30-Jul-2024	Tuesday		1							
31-Jul-2024	Wednesday	choppy	12	21	26		2	34	0909	49
01-Aug-2024	Thursday	frequent whitecaps	15	14	32		2			
02-Aug-2024	Friday	choppy	9	13	17		4			
03-Aug-2024	Saturday	choppy	18	23	34		11	44	0901	65
04-Aug-2024	Sunday	choppy	6	7	14		3			
05-Aug-2024	Monday (B.C. Day)		0							
06-Aug-2024	Tuesday		3		1		4			
07-Aug-2024	Wednesday		3	3	4		3			
08-Aug-2024	Thursday		0							
09-Aug-2024	Friday		0							
10-Aug-2024	Saturday	choppy	10	5	33		1			
11-Aug-2024	Sunday	choppy	10	21	45					
12-Aug-2024	Monday		0							
13-Aug-2024	Tuesday		0							
14-Aug-2024	Wednesday	calm/rippled	18	9	15		3			
15-Aug-2024	Thursday	choppy	8	3	14			21	0912	32
16-Aug-2024	Friday	calm/rippled	6	2	3		8			
17-Aug-2024	Saturday	choppy	10	14	27		3			
18-Aug-2024	Sunday	frequent whitecaps	5	4	4					
19-Aug-2024	Monday		0							
20-Aug-2024	Tuesday		0							
21-Aug-2024	Wednesday	choppy	12	2	20			21	0859	41
22-Aug-2024	Thursday	calm/rippled	18	5	37			38	1143	54
23-Aug-2024	Friday	calm/rippled	3	2						
24-Aug-2024	Saturday	calm/rippled	17	2	15		1	11	0931	16
25-Aug-2024	Sunday	frequent whitecaps	1							
26-Aug-2024	Monday	frequent whitecaps	2	1						
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday	choppy	7	2	25					
29-Aug-2024	Thursday	choppy	2		1		1			
30-Aug-2024	Friday	choppy	3		2		1			
31-Aug-2024	Saturday		0							
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0							
03-Sep-2024	Tuesday		0							
	Totals	choppy	109	56	171		26	27*		42*
	Totals	choppy	77	76	172		19	28*		41*

* 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	42	21	882	0.514	1.569		0.239	453	1384		211
Weekend	41	10	410	0.987	2.234		0.247	405	916		101

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	1414	851	1866		92
2020	August	1572	296	1053		159
2021	August	1255	651	637		114
2022	August	1310	746	1609		82
2023	August	1465	514	1997		228
2024	August	1200	532	1880		253
5-Yr Avg	August	1403	612	1432		135

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	177	16%
iRec Anglers	4746	24%

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

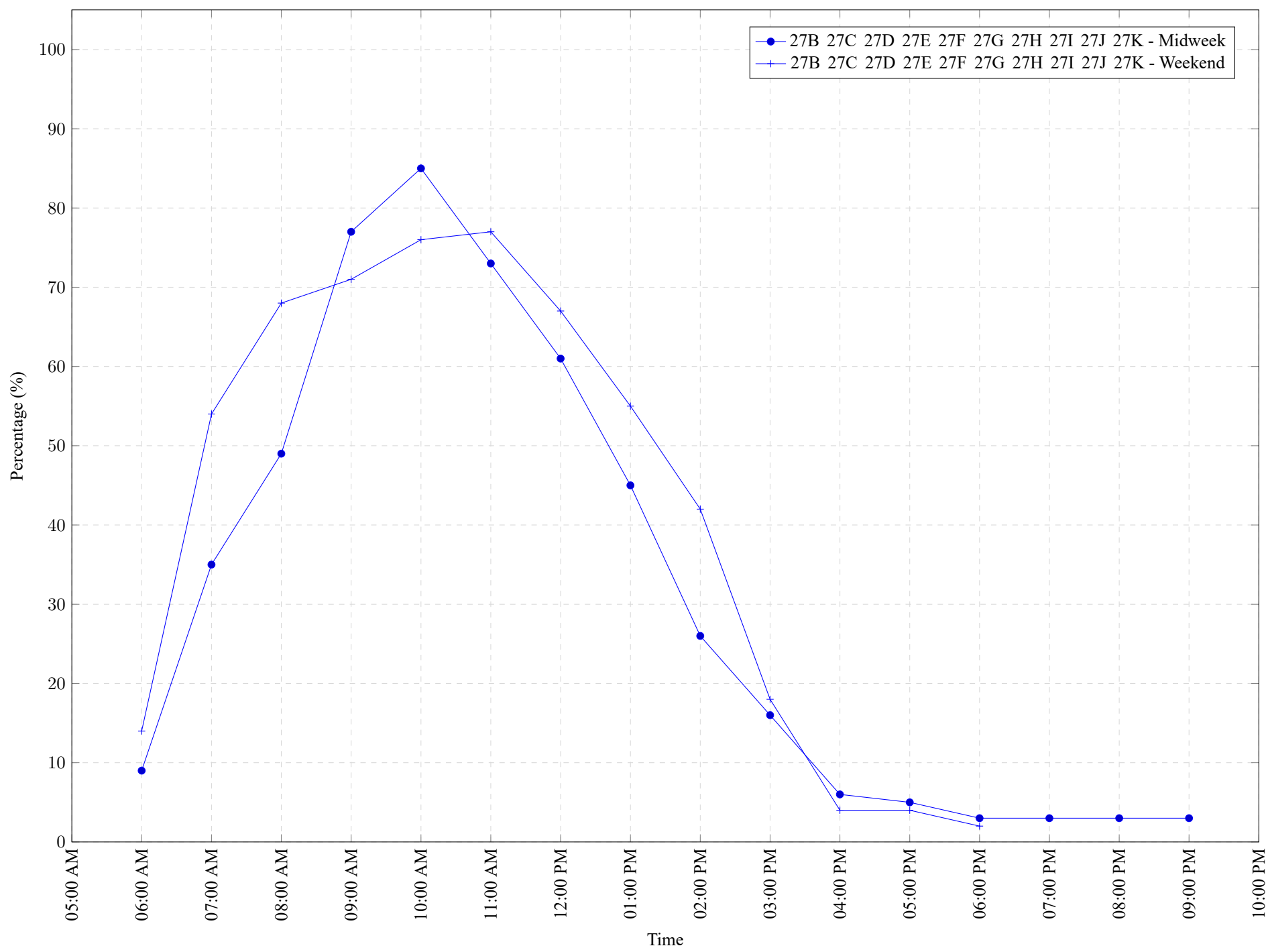


Table 7: Proportion of each day's fishing by hour.

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
27B	27C	27D	27E	27F	27G	27H	27I	27J	27K	Midweek	9%	35%	49%	77%	85%	73%	61%	45%	26%	16%	6%	5%	3%	3%	3%	3%	0%
27B	27C	27D	27E	27F	27G	27H	27I	27J	27K	Weekend	14%	54%	68%	71%	76%	77%	67%	55%	42%	18%	4%	4%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp
29 Jul 2024	Midweek			
30 Jul 2024	Midweek			
31 Jul 2024	Midweek			choppy
01 Aug 2024	Midweek			frequent whitecaps
02 Aug 2024	Midweek			choppy
03 Aug 2024	Weekend			choppy
04 Aug 2024	Weekend			choppy
05 Aug 2024	Weekend			
06 Aug 2024	Midweek			
07 Aug 2024	Midweek			
08 Aug 2024	Midweek			
09 Aug 2024	Midweek			
10 Aug 2024	Weekend			choppy
11 Aug 2024	Weekend			choppy
12 Aug 2024	Midweek			
13 Aug 2024	Midweek			
14 Aug 2024	Midweek		calm/rippled	choppy
15 Aug 2024	Midweek			choppy
16 Aug 2024	Midweek			calm/rippled
17 Aug 2024	Weekend			choppy
18 Aug 2024	Weekend			frequent whitecaps
19 Aug 2024	Midweek			
20 Aug 2024	Midweek			
21 Aug 2024	Midweek	calm/rippled		choppy
22 Aug 2024	Midweek		calm/rippled	choppy
23 Aug 2024	Midweek			calm/rippled
24 Aug 2024	Weekend	calm/rippled		
25 Aug 2024	Weekend			frequent whitecaps
26 Aug 2024	Midweek			frequent whitecaps
27 Aug 2024	Midweek			
28 Aug 2024	Midweek			choppy
29 Aug 2024	Midweek			choppy
30 Aug 2024	Midweek			choppy
31 Aug 2024	Weekend			
01 Sep 2024	Weekend			
02 Sep 2024	Weekend			
03 Sep 2024	Midweek			