

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 29 September 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.

		Bucaneer	Cates Park Boat Ramp	Crofton Ramp	Gibson's Marina		Lady- smith	McDonald Beach		Planetarium		Porteau Cove	Rocky Point Public Boat Launch		Sewell's East		Sidney (Tulista Park Ramp) PM	Squamish Boat Launch		Thunder- bird Marina
Date	Day Type	PM	PM	PM	AM	PM	AM	AM	PM	AM	PM	AM	AM	PM	AM	PM	PM	AM	PM	PM
29 Aug 2024	Midweek																			
30 Aug 2024	Midweek																			
31 Aug 2024	Weekend					4														
01 Sep 2024	Weekend				8		2	13										3		
02 Sep 2024	Weekend					13			38											
03 Sep 2024	Midweek										3							1		3
04 Sep 2024	Midweek																			
05 Sep 2024	Midweek							13												
06 Sep 2024	Midweek											1								
07 Sep 2024	Weekend														4					
08 Sep 2024	Weekend	1		4									2							
09 Sep 2024	Midweek																			
10 Sep 2024	Midweek																	4		
11 Sep 2024	Midweek			1							2									
12 Sep 2024	Midweek														5					
13 Sep 2024	Midweek																			
14 Sep 2024	Weekend		1										2				1			
15 Sep 2024	Weekend									4										5
16 Sep 2024	Midweek																			
17 Sep 2024	Midweek																			
18 Sep 2024	Midweek				3															
19 Sep 2024	Midweek																			
20 Sep 2024	Midweek		5																	
21 Sep 2024	Weekend							10			3									
22 Sep 2024	Weekend																			
23 Sep 2024	Midweek					4														
24 Sep 2024	Midweek								5							4				
25 Sep 2024	Midweek																			1
26 Sep 2024	Midweek																			
27 Sep 2024	Midweek																			
28 Sep 2024	Weekend																			
29 Sep 2024	Weekend																			
30 Sep 2024	Midweek							9												
01 Oct 2024	Midweek																			
02 Oct 2024	Midweek																			
03 Oct 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-Aug-2024	Thursday		0							
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday	calm/rippled	4	1	2			13	1240	20
01-Sep-2024	Sunday	choppy	26	70	2					
02-Sep-2024	Monday (Labour Day)	calm/rippled	56	129	23			428	1228	649
03-Sep-2024	Tuesday	calm/rippled	5	11						
04-Sep-2024	Wednesday	choppy	4	13				107	1219	171
05-Sep-2024	Thursday	choppy	14	27	6					
06-Sep-2024	Friday	calm/rippled	2	3						
07-Sep-2024	Saturday	choppy	4	1	3					
08-Sep-2024	Sunday	calm/rippled	9	15	2			412	1221	622
09-Sep-2024	Monday		0							
10-Sep-2024	Tuesday	calm/rippled	4	5						
11-Sep-2024	Wednesday	calm/rippled	3	1						
12-Sep-2024	Thursday	choppy	5	17	3					
13-Sep-2024	Friday		0					116	1220	184
14-Sep-2024	Saturday	choppy	4	4				192	1221	292
15-Sep-2024	Sunday	choppy	9	22	5					
16-Sep-2024	Monday		0					18	1219	29
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday	choppy	3	1	1					
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday	choppy	5	2	2					
21-Sep-2024	Saturday	calm/rippled	10	35	3					
22-Sep-2024	Sunday	choppy	3	18				117	1213	177
23-Sep-2024	Monday	calm/rippled	4		2			0	1202	0
24-Sep-2024	Tuesday	calm/rippled	9	5	4			203	1236	374
25-Sep-2024	Wednesday	choppy	1	4	1					
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0							
28-Sep-2024	Saturday		0							
29-Sep-2024	Sunday		0							
30-Sep-2024	Monday	calm/rippled	9	6	6					
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	68	95	25			89*		152*
	Totals	choppy	121	294	38			287*		435*

* 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
Weekend	435	10	4350	2.43	0.314			10571	1366		
Midweek	152	20	3040	1.397	0.368			4247	1119		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	4017	2674	251		0
2020	September	5803	3042	498	0	0
2021	September	2925	433	110	0	0
2022	September	7037	7869	1618	739	0
2023	September	6181	8021	1599	0	0
2024	September	7440	15715	2610	0	0
5-Yr Avg	September	5193	4408	815	185	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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	189	4%
iRec Anglers	12272	12%

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

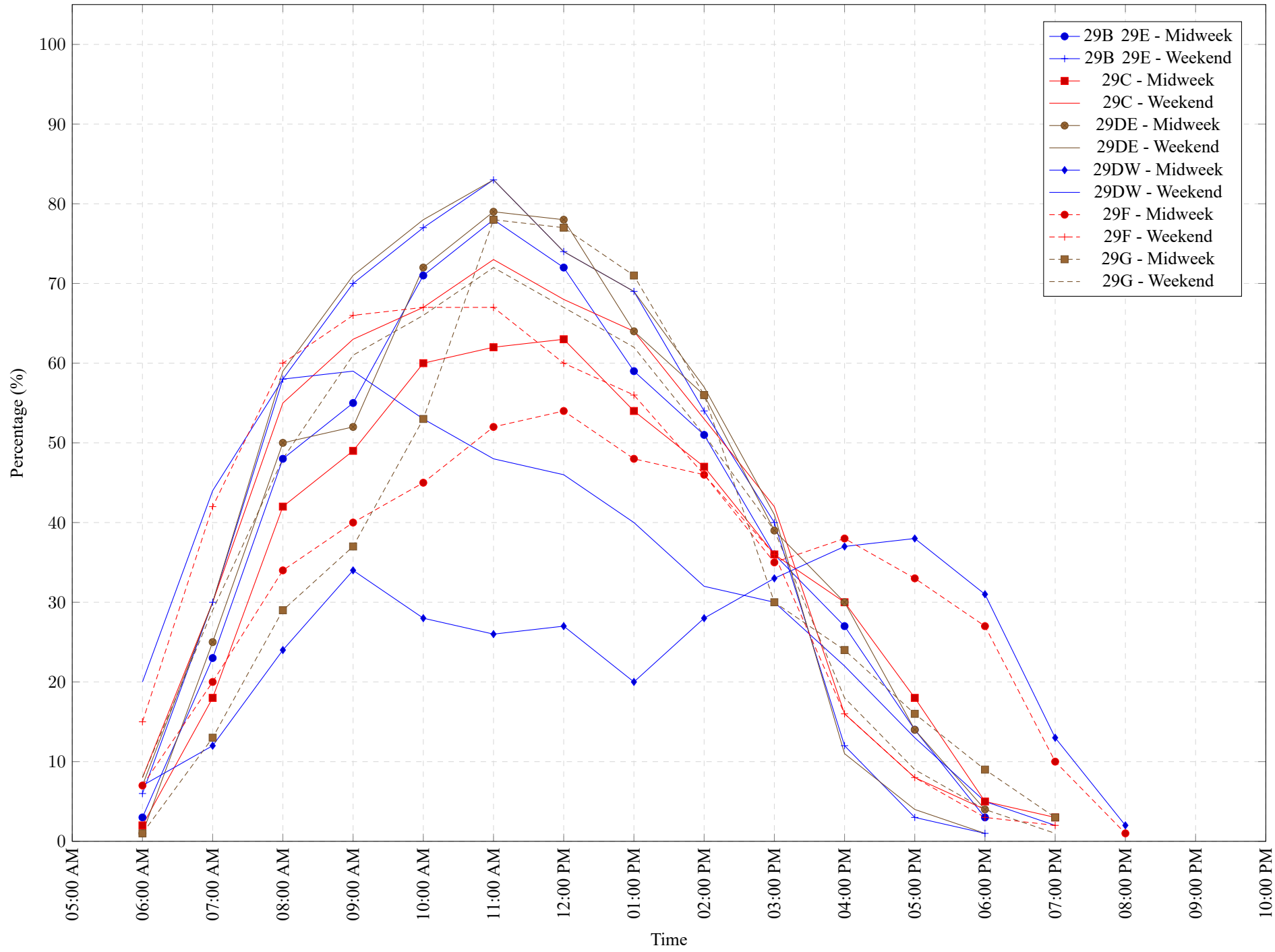


Table 7: Proportion of each day's fishing by hour.

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	3%	23%	48%	55%	71%	78%	72%	59%	51%	36%	27%	14%	3%	0%	0%	0%	0%
29B 29E	Weekend	6%	30%	58%	70%	77%	83%	74%	69%	54%	40%	12%	3%	1%	0%	0%	0%	0%
29C	Midweek	2%	18%	42%	49%	60%	62%	63%	54%	47%	36%	30%	18%	5%	3%	0%	0%	0%
29C	Weekend	8%	30%	55%	63%	67%	73%	68%	64%	53%	42%	16%	8%	4%	0%	0%	0%	0%
29DE	Midweek	1%	25%	50%	52%	72%	79%	78%	64%	56%	39%	30%	14%	4%	0%	0%	0%	0%
29DE	Weekend	7%	30%	59%	71%	78%	83%	74%	69%	57%	41%	11%	4%	1%	0%	0%	0%	0%
29DW	Midweek	7%	12%	24%	34%	28%	26%	27%	20%	28%	33%	37%	38%	31%	13%	2%	0%	0%
29DW	Weekend	20%	44%	58%	59%	53%	48%	46%	40%	32%	30%	22%	13%	5%	2%	0%	0%	0%
29F	Midweek	7%	20%	34%	40%	45%	52%	54%	48%	46%	35%	38%	33%	27%	10%	1%	0%	0%
29F	Weekend	15%	42%	60%	66%	67%	67%	60%	56%	46%	36%	16%	8%	3%	2%	0%	0%	0%
29G	Midweek	1%	13%	29%	37%	53%	78%	77%	71%	56%	30%	24%	16%	9%	3%	0%	0%	0%
29G	Weekend	8%	29%	48%	61%	66%	72%	67%	62%	51%	39%	18%	9%	4%	1%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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