

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 28 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.

Date	Day Type	Cates Park Boat Ramp		Gibson's Marina		McDonald Beach		Planetarium		Porteau Cove		Rocky Point Public Boat Launch		Sewell's East		Squamish Boat Launch		Thunder-bird Marina
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM
28 Jun 2024	Midweek																	
29 Jun 2024	Weekend	5														1		
30 Jun 2024	Weekend					2												
01 Jul 2024	Weekend																	1
02 Jul 2024	Midweek																	
03 Jul 2024	Midweek			1														
04 Jul 2024	Midweek							1										
05 Jul 2024	Midweek													1				
06 Jul 2024	Weekend		10															
07 Jul 2024	Weekend							4										
08 Jul 2024	Midweek																	
09 Jul 2024	Midweek																	
10 Jul 2024	Midweek																1	
11 Jul 2024	Midweek																	
12 Jul 2024	Midweek																	
13 Jul 2024	Weekend				2													
14 Jul 2024	Weekend																	
15 Jul 2024	Midweek											1		1				
16 Jul 2024	Midweek									1				1				
17 Jul 2024	Midweek							2										
18 Jul 2024	Midweek																	
19 Jul 2024	Midweek											3						
20 Jul 2024	Weekend																	
21 Jul 2024	Weekend	4								1								
22 Jul 2024	Midweek																	
23 Jul 2024	Midweek						1											
24 Jul 2024	Midweek		2															
25 Jul 2024	Midweek																	
26 Jul 2024	Midweek													1				
27 Jul 2024	Weekend				2		2			1								
28 Jul 2024	Weekend							3									1	
29 Jul 2024	Midweek																	
30 Jul 2024	Midweek																	
31 Jul 2024	Midweek									4		1						
01 Aug 2024	Midweek					1												
02 Aug 2024	Midweek																	
03 Aug 2024	Weekend	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
28-Jun-2024	Friday		0							
29-Jun-2024	Saturday	calm/rippled	6							
30-Jun-2024	Sunday	calm/rippled	2							
01-Jul-2024	Monday (Canada Day)	calm/rippled	2					16	1221	31
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	choppy	1							
04-Jul-2024	Thursday	choppy	1					18	1230	25
05-Jul-2024	Friday	calm/rippled	1							
06-Jul-2024	Saturday	calm/rippled	10		2			37	1257	75
07-Jul-2024	Sunday	calm/rippled	4							
08-Jul-2024	Monday		0							
09-Jul-2024	Tuesday		0							
10-Jul-2024	Wednesday	choppy	1							
11-Jul-2024	Thursday		0							
12-Jul-2024	Friday		0					18	1241	25
13-Jul-2024	Saturday	frequent whitecaps	2							
14-Jul-2024	Sunday		0					30	1256	60
15-Jul-2024	Monday	calm/rippled	1					13	1330	22
16-Jul-2024	Tuesday	calm/rippled	2		1					
17-Jul-2024	Wednesday	calm/rippled	2		1					
18-Jul-2024	Thursday		0					10	1229	14
19-Jul-2024	Friday	calm/rippled	3							
20-Jul-2024	Saturday		0					53	1222	100
21-Jul-2024	Sunday	calm/rippled	4					55	1217	103
22-Jul-2024	Monday	choppy	1							
23-Jul-2024	Tuesday	choppy	1					12	1235	16
24-Jul-2024	Wednesday	calm/rippled	2							
25-Jul-2024	Thursday		0							
26-Jul-2024	Friday	calm/rippled	1					17	1230	23
27-Jul-2024	Saturday	calm/rippled	5					41	1225	77
28-Jul-2024	Sunday	choppy	4							
29-Jul-2024	Monday		0							
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday	calm/rippled	5							
01-Aug-2024	Thursday	choppy	1	1						
02-Aug-2024	Friday		0					39	1235	53
03-Aug-2024	Saturday	calm/rippled	1					51	1249	98
	Totals	calm/rippled	22		2			15*		21*
	Totals	calm/rippled	31		2			39*		74*

* 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	21	22	462		0.091				42		
Weekend	74	9	666		0.065				43		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	939	90	108		0
2020	July	813	0	151		0
2021	July	708	23	82		0
2022	July	737	21	17		0
2023	July	900	0	898		0
2024	July	1186	77	1780		0
5-Yr Avg	July	819	27	251		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
Coho	1727	97%	0%		%		2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	53	6%

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

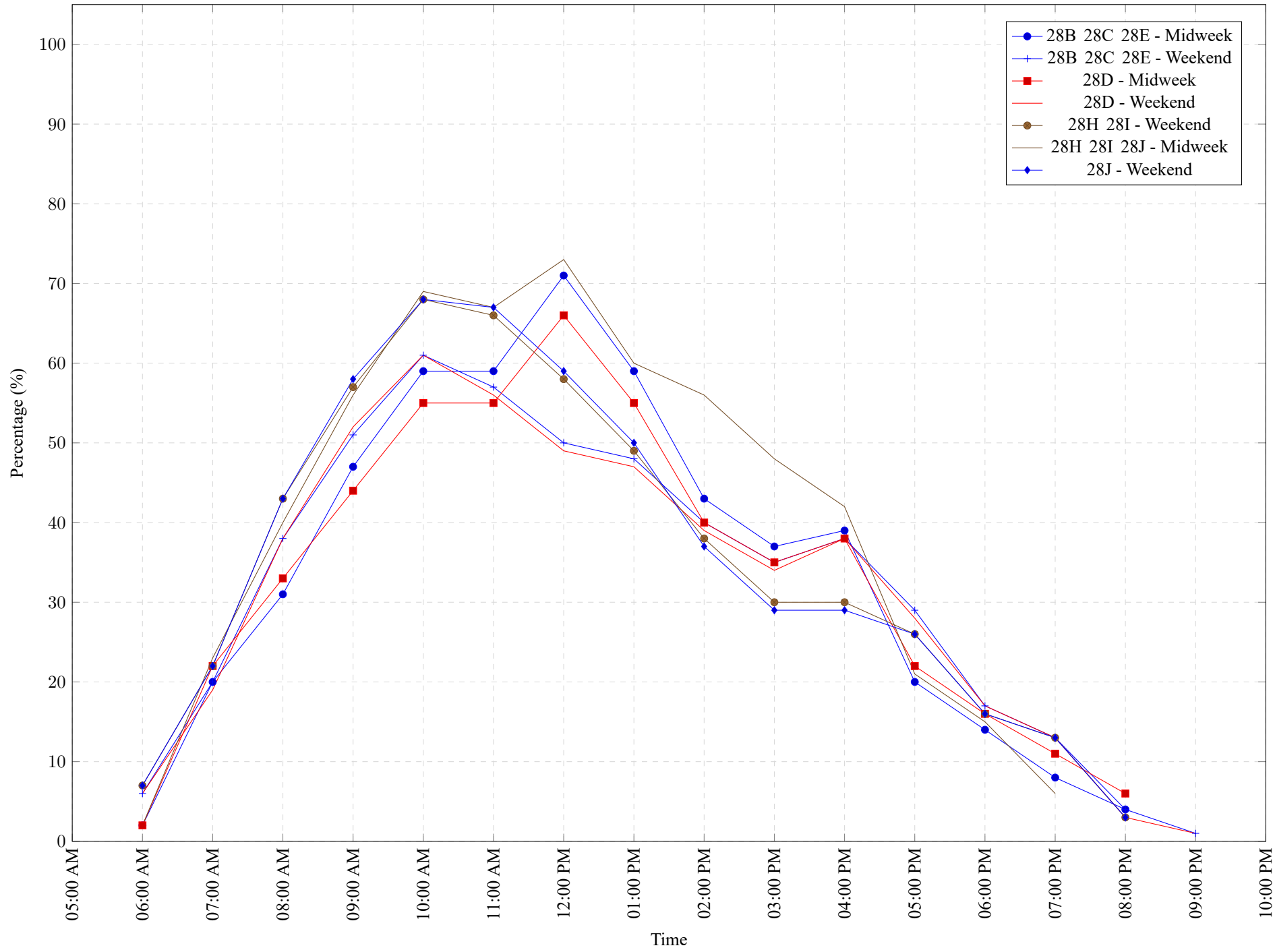


Table 7: Proportion of each day's fishing by hour.

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
28B	28C	28E	Midweek	2%	20%	31%	47%	59%	59%	71%	59%	43%	37%	39%	20%	14%	8%	4%	0%	0%
28B	28C	28E	Weekend	6%	20%	38%	51%	61%	57%	50%	48%	40%	35%	38%	29%	17%	13%	4%	1%	0%
28D			Midweek	2%	22%	33%	44%	55%	55%	66%	55%	40%	35%	38%	22%	16%	11%	6%	0%	0%
28D			Weekend	6%	19%	38%	52%	61%	56%	49%	47%	39%	34%	38%	28%	17%	13%	3%	1%	0%
28H	28I		Weekend	7%	22%	43%	57%	68%	66%	58%	49%	38%	30%	30%	26%	16%	13%	3%	0%	0%
28H	28I	28J	Midweek	2%	23%	40%	56%	69%	67%	73%	60%	56%	48%	42%	21%	15%	6%	0%	0%	0%
28J			Weekend	7%	22%	43%	58%	68%	67%	59%	50%	37%	29%	29%	26%	16%	13%	3%	0%	0%

Table 8: Daily Fishing Conditions.

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