

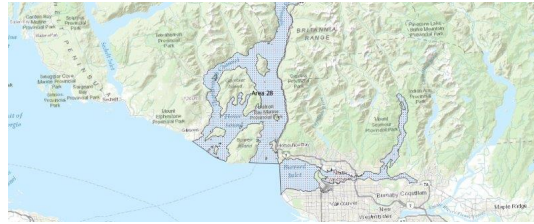
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 28 August 2024



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 10<sup>th</sup> October, 2024



Fisheries and Oceans  
Canada

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Canada



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

		Brechin	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
Date	Day Type	AM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	PM
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						3										
04 Aug 2024	Weekend																		
05 Aug 2024	Weekend																	1	
06 Aug 2024	Midweek							1											
07 Aug 2024	Midweek																		
08 Aug 2024	Midweek			3															
09 Aug 2024	Midweek									3									
10 Aug 2024	Weekend	1	1																
11 Aug 2024	Weekend				3								3				2		
12 Aug 2024	Midweek																		
13 Aug 2024	Midweek					2							1						
14 Aug 2024	Midweek															3			
15 Aug 2024	Midweek														5				
16 Aug 2024	Midweek																		
17 Aug 2024	Weekend										1								
18 Aug 2024	Weekend																		2
19 Aug 2024	Midweek									5									
20 Aug 2024	Midweek											1		2					
21 Aug 2024	Midweek																		
22 Aug 2024	Midweek																1		
23 Aug 2024	Midweek							1											
24 Aug 2024	Weekend																		
25 Aug 2024	Weekend							6										3	
26 Aug 2024	Midweek																		
27 Aug 2024	Midweek																		
28 Aug 2024	Midweek			3															
29 Aug 2024	Midweek																		1
30 Aug 2024	Midweek												7						
31 Aug 2024	Weekend		2			7													
01 Sep 2024	Weekend				3		2										3		
02 Sep 2024	Weekend					6		2											
03 Sep 2024	Midweek																	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-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	83
03-Aug-2024	Saturday	calm/rippled	1					51	1249	77
04-Aug-2024	Sunday	calm/rippled	3							
05-Aug-2024	Monday (B.C. Day)	choppy	1							
06-Aug-2024	Tuesday	choppy	1							
07-Aug-2024	Wednesday		0					21	1159	45
08-Aug-2024	Thursday	calm/rippled	3							
09-Aug-2024	Friday	choppy	3	1						
10-Aug-2024	Saturday	choppy	2		1					
11-Aug-2024	Sunday	choppy	8					42	1330	70
12-Aug-2024	Monday		0							
13-Aug-2024	Tuesday	choppy	3	3						
14-Aug-2024	Wednesday	calm/rippled	3	1	1					
15-Aug-2024	Thursday	calm/rippled	5	1	6					
16-Aug-2024	Friday		0					25	1238	53
17-Aug-2024	Saturday	calm/rippled	1							
18-Aug-2024	Sunday	calm/rippled	2							
19-Aug-2024	Monday	choppy	5		1			29	1231	61
20-Aug-2024	Tuesday	calm/rippled	3							
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday	choppy	1							
23-Aug-2024	Friday	choppy	1							
24-Aug-2024	Saturday		0					24	1228	34
25-Aug-2024	Sunday	choppy	9					70	1229	104
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday	calm/rippled	3					27	1227	57
29-Aug-2024	Thursday	calm/rippled	1		2					
30-Aug-2024	Friday	choppy	7	2	1					
31-Aug-2024	Saturday	calm/rippled	9	1	3			38	1255	60
01-Sep-2024	Sunday	calm/rippled	8	4	2					
02-Sep-2024	Monday (Labour Day)	choppy	8	2	1			26	1243	37
03-Sep-2024	Tuesday	calm/rippled	2							
	Totals	choppy	40	9	11			28*		60*
	Totals	calm/rippled	36	1	4			45*		69*

\* 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	69	10	690	0.028	0.111			19	77		
Midweek	60	21	1260	0.225	0.275			284	347		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	1167	727	0		0
2020	August	1340	171	194		0
2021	August	1754	208	357	0	0
2022	August	1500	141	344		0
2023	August	3997	1791	636		0
2024	August	1936	356	807		0
5-Yr Avg	August	1952	608	306	0	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	76	13%

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

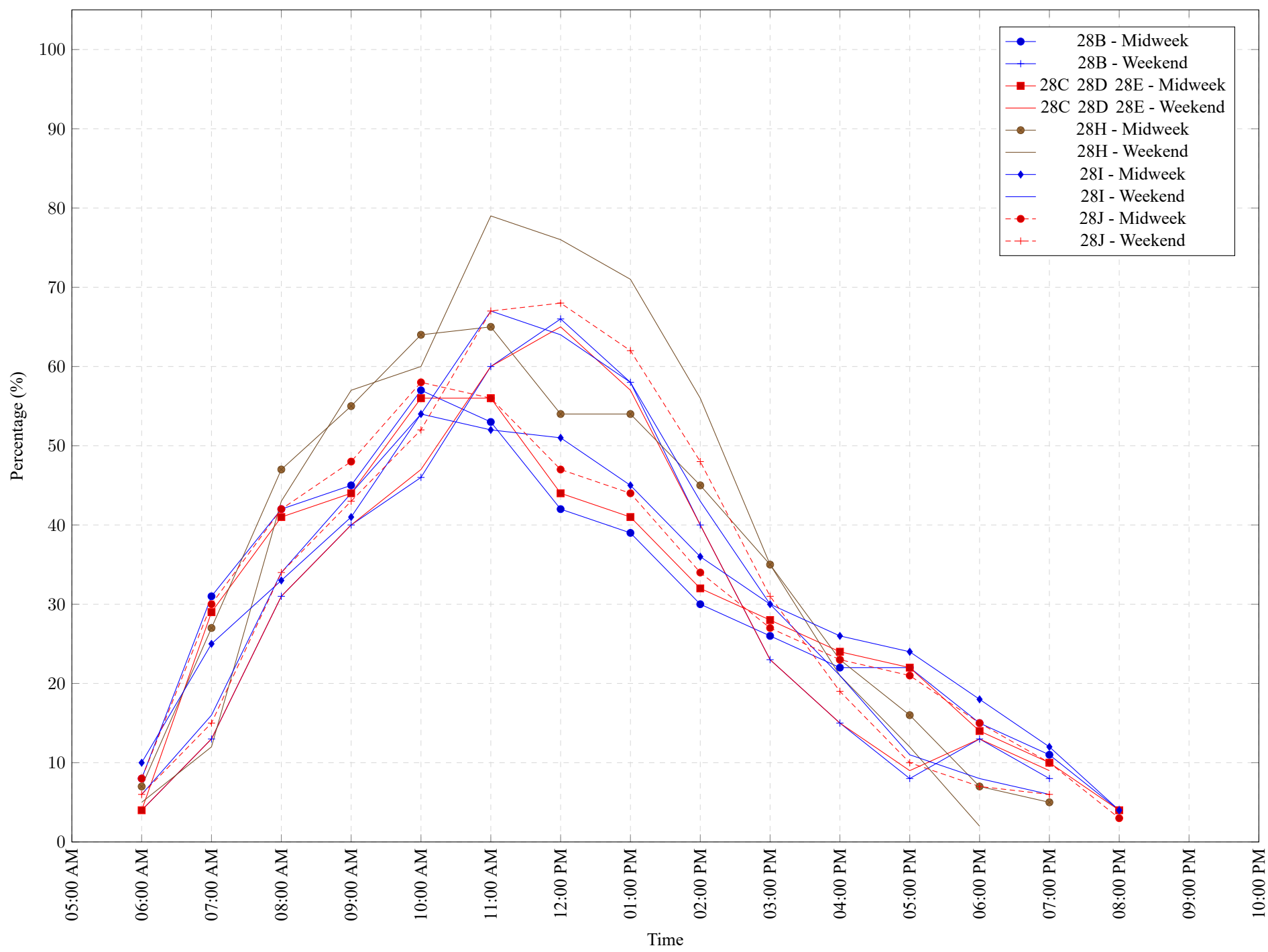


Table 7: Proportion of each day's fishing by hour.

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
28B	Midweek	8%	31%	42%	45%	57%	53%	42%	39%	30%	26%	22%	22%	15%	11%	4%	0%	0%
28B	Weekend	4%	13%	31%	40%	46%	60%	66%	58%	40%	23%	15%	8%	13%	8%	0%	0%	0%
28C 28D 28E	Midweek	4%	29%	41%	44%	56%	56%	44%	41%	32%	28%	24%	22%	14%	10%	4%	0%	0%
28C 28D 28E	Weekend	4%	13%	31%	40%	47%	60%	65%	57%	40%	23%	15%	9%	13%	9%	0%	0%	0%
28H	Midweek	7%	27%	47%	55%	64%	65%	54%	54%	45%	35%	23%	16%	7%	5%	0%	0%	0%
28H	Weekend	5%	12%	43%	57%	60%	79%	76%	71%	56%	35%	21%	12%	2%	0%	0%	0%	0%
28I	Midweek	10%	25%	33%	41%	54%	52%	51%	45%	36%	30%	26%	24%	18%	12%	4%	0%	0%
28I	Weekend	6%	16%	34%	44%	54%	67%	64%	58%	43%	30%	21%	11%	8%	6%	0%	0%	0%
28J	Midweek	8%	30%	42%	48%	58%	56%	47%	44%	34%	27%	23%	21%	15%	10%	3%	0%	0%
28J	Weekend	6%	15%	34%	43%	52%	67%	68%	62%	48%	31%	19%	10%	7%	6%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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