

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 28 October 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 10th February, 2024



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

Date	Day Type	Gibson's Marina PM	McDon- ald Beach PM	Planetarium		Porteau Cove		Sewell's East PM	Thunderbird Marina	
				AM	PM	AM	PM		AM	PM
28 Sep 2023	Midweek									
29 Sep 2023	Midweek							3		
30 Sep 2023	Weekend	5								1
01 Oct 2023	Weekend						5			
02 Oct 2023	Midweek									
03 Oct 2023	Midweek							2		
04 Oct 2023	Midweek									
05 Oct 2023	Midweek									
06 Oct 2023	Midweek									
07 Oct 2023	Weekend				6			2		
08 Oct 2023	Weekend									
09 Oct 2023	Weekend									
10 Oct 2023	Midweek									
11 Oct 2023	Midweek									
12 Oct 2023	Midweek									
13 Oct 2023	Midweek			1						
14 Oct 2023	Weekend					1				
15 Oct 2023	Weekend									
16 Oct 2023	Midweek									
17 Oct 2023	Midweek					1				
18 Oct 2023	Midweek									
19 Oct 2023	Midweek								1	
20 Oct 2023	Midweek									
21 Oct 2023	Weekend									
22 Oct 2023	Weekend									
23 Oct 2023	Midweek									
24 Oct 2023	Midweek									
25 Oct 2023	Midweek									
26 Oct 2023	Midweek									
27 Oct 2023	Midweek							2		
28 Oct 2023	Weekend		3							
29 Oct 2023	Weekend									2
30 Oct 2023	Midweek									
31 Oct 2023	Midweek								1	
01 Nov 2023	Midweek									
02 Nov 2023	Midweek									
03 Nov 2023	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
28-Sep-2023	Thursday		1					7	1210	8
29-Sep-2023	Friday	choppy	7	2						
30-Sep-2023	Saturday	choppy	9	6						
01-Oct-2023	Sunday	calm/rippled	7	4				47	1221	69
02-Oct-2023	Monday		3	2						
03-Oct-2023	Tuesday	choppy	2	2						
04-Oct-2023	Wednesday		4	2				12	1231	15
05-Oct-2023	Thursday		4	2						
06-Oct-2023	Friday		1							
07-Oct-2023	Saturday	calm/rippled	11	1						
08-Oct-2023	Sunday	calm/rippled	2		2					
09-Oct-2023	Monday (Thanksgiving)		0							
10-Oct-2023	Tuesday		0							
11-Oct-2023	Wednesday		2	3						
12-Oct-2023	Thursday		0					12	1200	14
13-Oct-2023	Friday	calm/rippled	2	1						
14-Oct-2023	Saturday	calm/rippled	3					9	1230	12
15-Oct-2023	Sunday		0							
16-Oct-2023	Monday		0							
17-Oct-2023	Tuesday	calm/rippled	2	1				4	1226	5
18-Oct-2023	Wednesday		0							
19-Oct-2023	Thursday	calm/rippled	2	2						
20-Oct-2023	Friday		0							
21-Oct-2023	Saturday		4	10				15	1214	21
22-Oct-2023	Sunday		3	1						
23-Oct-2023	Monday		1	1						
24-Oct-2023	Tuesday		1							
25-Oct-2023	Wednesday		0							
26-Oct-2023	Thursday		4	1						
27-Oct-2023	Friday	calm/rippled	2							
28-Oct-2023	Saturday	calm/rippled	4	2						
29-Oct-2023	Sunday	calm/rippled	4	5						
30-Oct-2023	Monday		3	1						
31-Oct-2023	Tuesday	calm/rippled	2	4						
01-Nov-2023	Wednesday		4							
02-Nov-2023	Thursday		0							
03-Nov-2023	Friday		1	1						
	Totals	calm/rippled	35	22				9*		11*
	Totals	calm/rippled	38	23	2			24*		34*

* 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	34	10	340	0.605	0.053			206	18		
Midweek	11	21	231	0.629				145			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	October	590	83	46		0
2023	October	677	204	133		0
5-Yr Avg	October	590	83	46		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
Chinook	103	50%	20%	55	24%	38%	21

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	68	30%
iRec Anglers	1738	21%

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

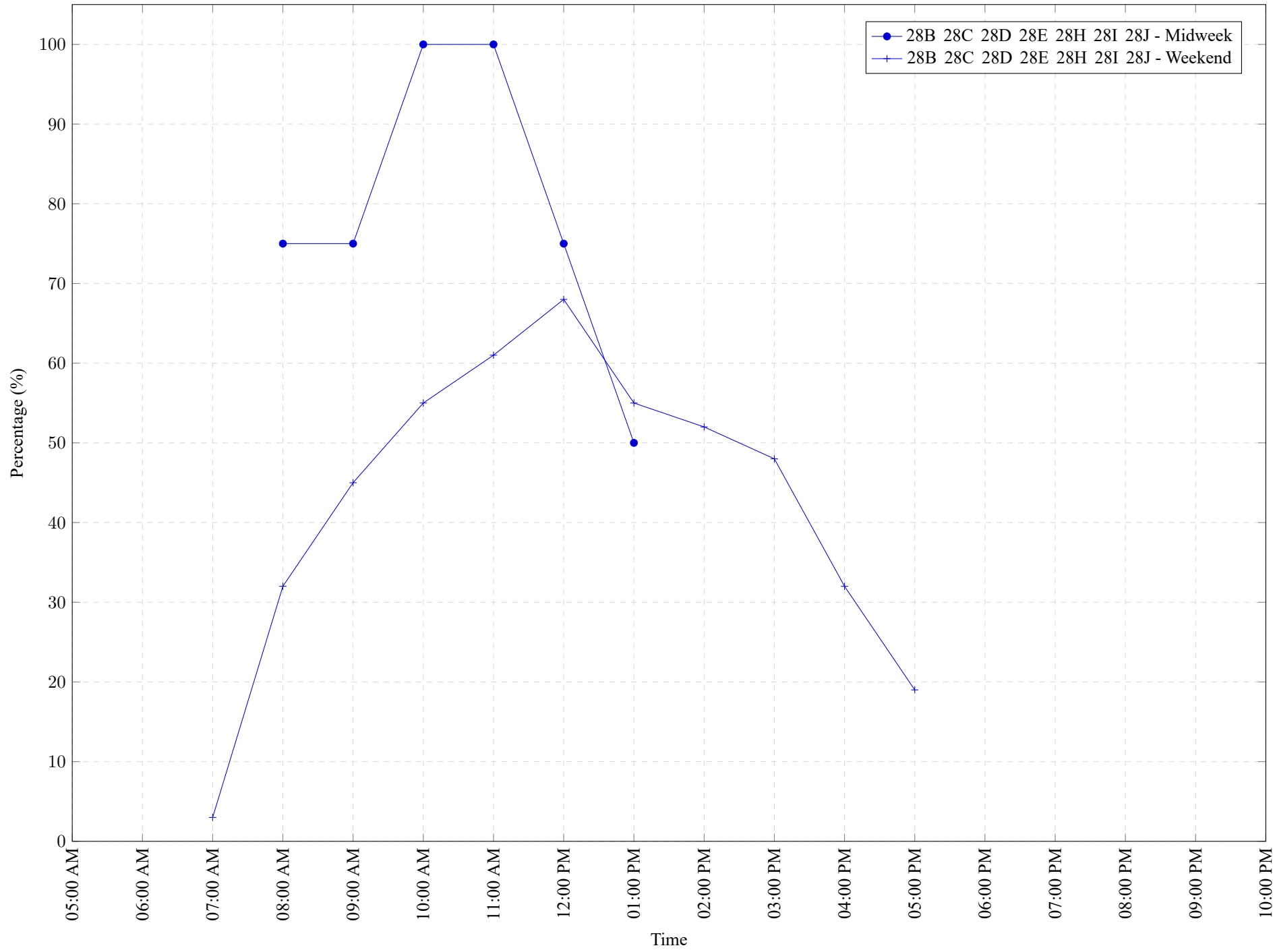


Table 7: Proportion of each day's fishing by hour.

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	28D	28E	28H	28I	28J	Midweek	0%	0%	75%	75%	100%	100%	75%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%
28B	28C	28D	28E	28H	28I	28J	Weekend	0%	3%	32%	45%	55%	61%	68%	55%	52%	48%	32%	19%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Gibson's Marina	McDonald Beach	Planetarium	Porteau Cove	Sewell's East	Thunderbird Marina
28 Sep 2023	Midweek						
29 Sep 2023	Midweek					choppy	
30 Sep 2023	Weekend	choppy					choppy
01 Oct 2023	Weekend				calm/rippled		
02 Oct 2023	Midweek						
03 Oct 2023	Midweek					choppy	
04 Oct 2023	Midweek						
05 Oct 2023	Midweek						
06 Oct 2023	Midweek						
07 Oct 2023	Weekend			calm/rippled			
08 Oct 2023	Weekend					calm/rippled	
09 Oct 2023	Weekend						
10 Oct 2023	Midweek						
11 Oct 2023	Midweek						
12 Oct 2023	Midweek						
13 Oct 2023	Midweek			calm/rippled			
14 Oct 2023	Weekend				calm/rippled		
15 Oct 2023	Weekend						
16 Oct 2023	Midweek						
17 Oct 2023	Midweek				calm/rippled		
18 Oct 2023	Midweek						
19 Oct 2023	Midweek						calm/rippled
20 Oct 2023	Midweek						
21 Oct 2023	Weekend						
22 Oct 2023	Weekend						
23 Oct 2023	Midweek						
24 Oct 2023	Midweek						
25 Oct 2023	Midweek						
26 Oct 2023	Midweek						
27 Oct 2023	Midweek					calm/rippled	
28 Oct 2023	Weekend		calm/rippled				
29 Oct 2023	Weekend						calm/rippled
30 Oct 2023	Midweek						
31 Oct 2023	Midweek						calm/rippled
01 Nov 2023	Midweek						
02 Nov 2023	Midweek						
03 Nov 2023	Midweek						