

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 28 April 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 7th February, 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	Gibson's Marina	Porteau Cove	Thunder- bird Marina
		AM	PM	AM
29 Mar 2023	Midweek			
30 Mar 2023	Midweek			
31 Mar 2023	Midweek			
01 Apr 2023	Weekend			
02 Apr 2023	Weekend	1		1
03 Apr 2023	Midweek			
04 Apr 2023	Midweek			
05 Apr 2023	Midweek			
06 Apr 2023	Midweek			
07 Apr 2023	Weekend		6	
08 Apr 2023	Weekend			
09 Apr 2023	Weekend			
10 Apr 2023	Midweek			
11 Apr 2023	Midweek		1	
12 Apr 2023	Midweek			
13 Apr 2023	Midweek			
14 Apr 2023	Midweek			
15 Apr 2023	Weekend			
16 Apr 2023	Weekend			
17 Apr 2023	Midweek			
18 Apr 2023	Midweek			1
19 Apr 2023	Midweek			
20 Apr 2023	Midweek			
21 Apr 2023	Midweek			
22 Apr 2023	Weekend			
23 Apr 2023	Weekend			
24 Apr 2023	Midweek			
25 Apr 2023	Midweek			
26 Apr 2023	Midweek			
27 Apr 2023	Midweek			
28 Apr 2023	Midweek			
29 Apr 2023	Weekend			
30 Apr 2023	Weekend			
01 May 2023	Midweek			
02 May 2023	Midweek	1		1
03 May 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
29-Mar-2023	Wednesday		0							
30-Mar-2023	Thursday		3	4						
31-Mar-2023	Friday		0							
01-Apr-2023	Saturday		0							
02-Apr-2023	Sunday	calm/rippled	2					6	1225	8
03-Apr-2023	Monday		0							
04-Apr-2023	Tuesday		1							
05-Apr-2023	Wednesday		1					8	1206	29
06-Apr-2023	Thursday		0							
07-Apr-2023	Friday (Good Friday)	calm/rippled	7					16	1153	25
08-Apr-2023	Saturday		0							
09-Apr-2023	Sunday		0							
10-Apr-2023	Monday		2							
11-Apr-2023	Tuesday	choppy	1							
12-Apr-2023	Wednesday		0							
13-Apr-2023	Thursday		0							
14-Apr-2023	Friday		3					11	1205	38
15-Apr-2023	Saturday		0							
16-Apr-2023	Sunday		0							
17-Apr-2023	Monday		1							
18-Apr-2023	Tuesday	choppy	1							
19-Apr-2023	Wednesday		5							
20-Apr-2023	Thursday		2							
21-Apr-2023	Friday		1					5	1210	20
22-Apr-2023	Saturday		4							
23-Apr-2023	Sunday		2							
24-Apr-2023	Monday		0							
25-Apr-2023	Tuesday		1							
26-Apr-2023	Wednesday		0							
27-Apr-2023	Thursday		0							
28-Apr-2023	Friday		2							
29-Apr-2023	Saturday		5					26	1253	37
30-Apr-2023	Sunday		2							
01-May-2023	Monday		3							
02-May-2023	Tuesday	choppy	3							
03-May-2023	Wednesday		1							
	Totals	choppy	21					8*		29*
	Totals	calm/rippled	22					16*		23*

* 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	23	11	253								
Midweek	29	19	551								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	1229	2			0
2023	April	879	0			0
5-Yr Avg	April	1229	2			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	43	4%
iRec Anglers	383	33%

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

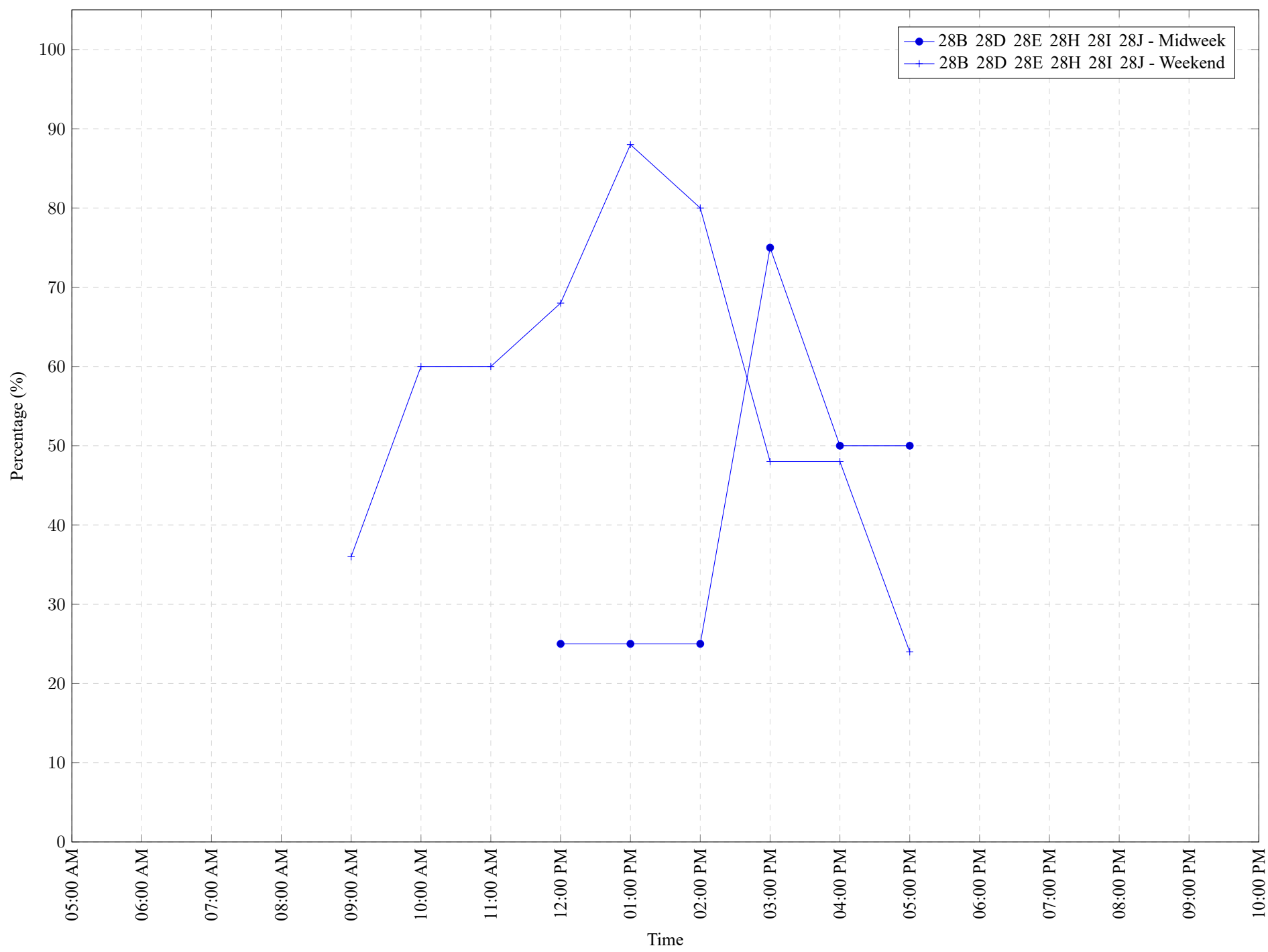


Table 7: Proportion of each day's fishing by hour.

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	28D	28E	28H	28I	28J	Midweek	0%	0%	0%	0%	0%	0%	25%	25%	25%	75%	50%	50%	0%	0%	0%	0%	0%
28B	28D	28E	28H	28I	28J	Weekend	0%	0%	0%	36%	60%	60%	68%	88%	80%	48%	48%	24%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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