

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 10 July 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 21st January, 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	Quarterdeck Marina	
		AM	PM
28 Jun 2023	Midweek		
29 Jun 2023	Midweek		
30 Jun 2023	Midweek		2
01 Jul 2023	Weekend		
02 Jul 2023	Weekend		
03 Jul 2023	Weekend		
04 Jul 2023	Midweek		
05 Jul 2023	Midweek		
06 Jul 2023	Midweek		
07 Jul 2023	Midweek		3
08 Jul 2023	Weekend		
09 Jul 2023	Weekend	1	
10 Jul 2023	Midweek		
11 Jul 2023	Midweek		
12 Jul 2023	Midweek		1
13 Jul 2023	Midweek		
14 Jul 2023	Midweek	2	
15 Jul 2023	Weekend		2
16 Jul 2023	Weekend		
17 Jul 2023	Midweek		
18 Jul 2023	Midweek		
19 Jul 2023	Midweek		
20 Jul 2023	Midweek		
21 Jul 2023	Midweek		1
22 Jul 2023	Weekend		
23 Jul 2023	Weekend		
24 Jul 2023	Midweek		
25 Jul 2023	Midweek		
26 Jul 2023	Midweek		
27 Jul 2023	Midweek		
28 Jul 2023	Midweek		
29 Jul 2023	Weekend		3
30 Jul 2023	Weekend	1	
31 Jul 2023	Midweek		
01 Aug 2023	Midweek		
02 Aug 2023	Midweek		
03 Aug 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-Jun-2023	Wednesday		3				2			
29-Jun-2023	Thursday		0							
30-Jun-2023	Friday	choppy	2	6						
01-Jul-2023	Saturday		0							
02-Jul-2023	Sunday		0							
03-Jul-2023	Monday (Canada Day)		0							
04-Jul-2023	Tuesday		0							
05-Jul-2023	Wednesday		1				1			
06-Jul-2023	Thursday		2	2	1					
07-Jul-2023	Friday	choppy	6				15			
08-Jul-2023	Saturday		0							
09-Jul-2023	Sunday	calm/rippled	5				6			
10-Jul-2023	Monday		0					0	1019	0
11-Jul-2023	Tuesday		0							
12-Jul-2023	Wednesday	choppy	1	6	1					
13-Jul-2023	Thursday		0							
14-Jul-2023	Friday	calm/rippled	3				3			
15-Jul-2023	Saturday	calm/rippled	2							
16-Jul-2023	Sunday		1				2	1	1059	2
17-Jul-2023	Monday		0							
18-Jul-2023	Tuesday		2				2			
19-Jul-2023	Wednesday		0							
20-Jul-2023	Thursday		2				2			
21-Jul-2023	Friday	calm/rippled	2				2			
22-Jul-2023	Saturday		1				1	1	1019	1
23-Jul-2023	Sunday		2				1			
24-Jul-2023	Monday		0							
25-Jul-2023	Tuesday		0							
26-Jul-2023	Wednesday		1				1			
27-Jul-2023	Thursday		0							
28-Jul-2023	Friday		0							
29-Jul-2023	Saturday	calm/rippled	3	1						
30-Jul-2023	Sunday	calm/rippled	1	3	5		1	0	0920	0
31-Jul-2023	Monday		0							
01-Aug-2023	Tuesday		1				2			
02-Aug-2023	Wednesday		1				1			
03-Aug-2023	Thursday		0							
	Totals	choppy	20	8	2		26	0*		0*
	Totals	calm/rippled	15	4	5		11	1*		1*

* 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	1	11	11	0.267	0.333		0.733	3	4		8
Midweek	0	20	0	0.4	0.1		1.3	0	0		0

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2023	July	7	4	3		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	18	88%
iRec Anglers	187	93%

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

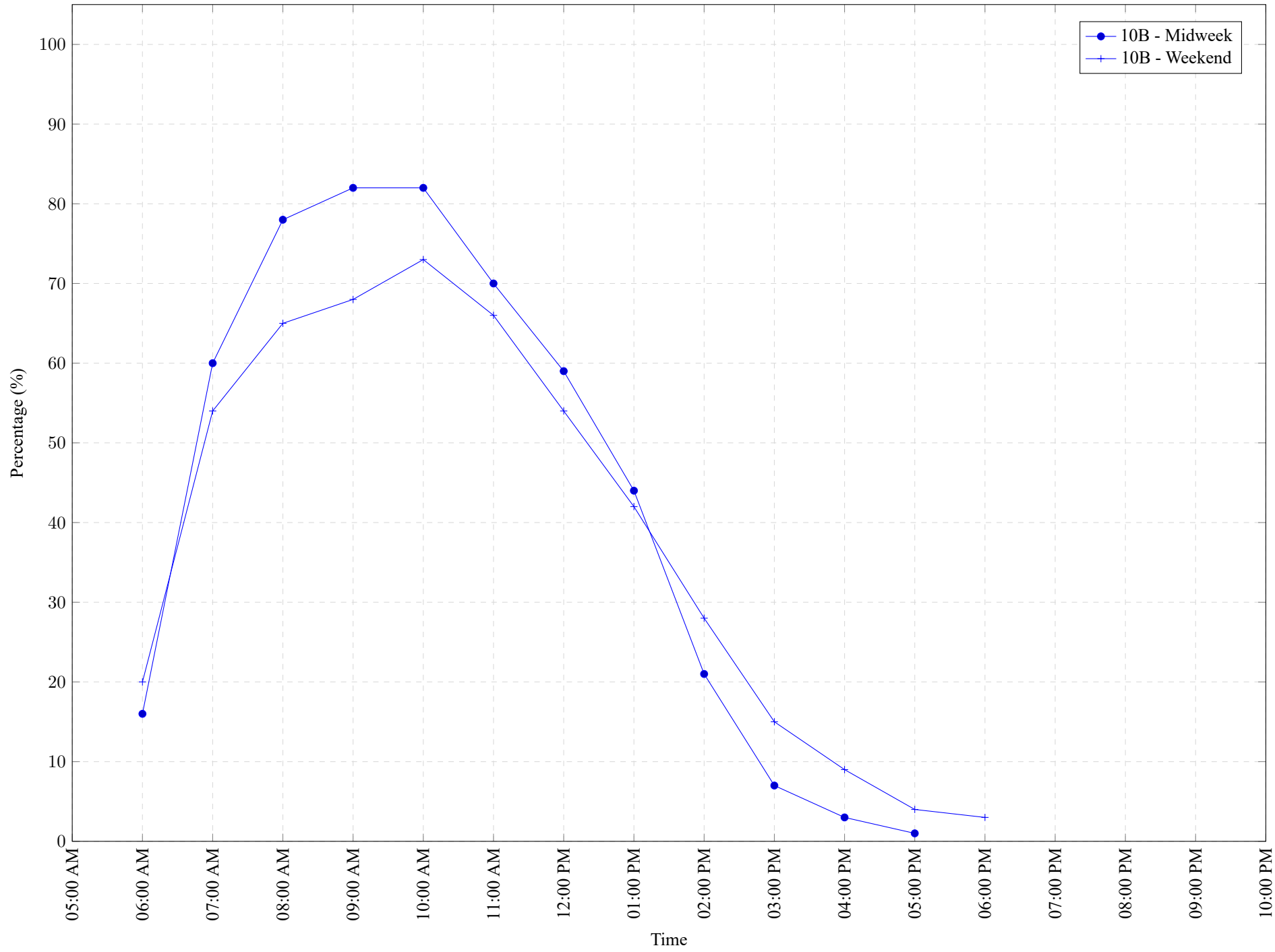


Table 7: Proportion of each day's fishing by hour.

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
10B	Midweek	16%	60%	78%	82%	82%	70%	59%	44%	21%	7%	3%	1%	0%	0%	0%	0%	0%
10B	Weekend	20%	54%	65%	68%	73%	66%	54%	42%	28%	15%	9%	4%	3%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Quarterdeck Marina
28 Jun 2023	Midweek	
29 Jun 2023	Midweek	
30 Jun 2023	Midweek	choppy
01 Jul 2023	Weekend	
02 Jul 2023	Weekend	
03 Jul 2023	Weekend	
04 Jul 2023	Midweek	
05 Jul 2023	Midweek	
06 Jul 2023	Midweek	
07 Jul 2023	Midweek	choppy
08 Jul 2023	Weekend	
09 Jul 2023	Weekend	calm/rippled
10 Jul 2023	Midweek	
11 Jul 2023	Midweek	
12 Jul 2023	Midweek	choppy
13 Jul 2023	Midweek	
14 Jul 2023	Midweek	calm/rippled
15 Jul 2023	Weekend	calm/rippled
16 Jul 2023	Weekend	
17 Jul 2023	Midweek	
18 Jul 2023	Midweek	
19 Jul 2023	Midweek	
20 Jul 2023	Midweek	
21 Jul 2023	Midweek	calm/rippled
22 Jul 2023	Weekend	
23 Jul 2023	Weekend	
24 Jul 2023	Midweek	
25 Jul 2023	Midweek	
26 Jul 2023	Midweek	
27 Jul 2023	Midweek	
28 Jul 2023	Midweek	
29 Jul 2023	Weekend	calm/rippled
30 Jul 2023	Weekend	calm/rippled
31 Jul 2023	Midweek	
01 Aug 2023	Midweek	
02 Aug 2023	Midweek	
03 Aug 2023	Midweek	