

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 10 August 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th January, 2024



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Canada

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Canada



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

Date	Day Type	Bear Cove PM	Quarterdeck Marina	
			AM	PM
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			
04 Aug 2023	Midweek			
05 Aug 2023	Weekend			4
06 Aug 2023	Weekend			
07 Aug 2023	Weekend			
08 Aug 2023	Midweek			
09 Aug 2023	Midweek			
10 Aug 2023	Midweek			
11 Aug 2023	Midweek			
12 Aug 2023	Weekend	1		
13 Aug 2023	Weekend			2
14 Aug 2023	Midweek		1	
15 Aug 2023	Midweek			
16 Aug 2023	Midweek			
17 Aug 2023	Midweek			
18 Aug 2023	Midweek			
19 Aug 2023	Weekend			
20 Aug 2023	Weekend			
21 Aug 2023	Midweek			4
22 Aug 2023	Midweek			
23 Aug 2023	Midweek			
24 Aug 2023	Midweek			
25 Aug 2023	Midweek			
26 Aug 2023	Weekend			
27 Aug 2023	Weekend			
28 Aug 2023	Midweek			2
29 Aug 2023	Midweek		1	
30 Aug 2023	Midweek			
31 Aug 2023	Midweek			
01 Sep 2023	Midweek			
02 Sep 2023	Weekend			
03 Sep 2023	Weekend			

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-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							
04-Aug-2023	Friday		0							
05-Aug-2023	Saturday	choppy	4	9	3		2			
06-Aug-2023	Sunday		0							
07-Aug-2023	Monday (B.C. Day)		0							
08-Aug-2023	Tuesday		0							
09-Aug-2023	Wednesday		0							
10-Aug-2023	Thursday		0							
11-Aug-2023	Friday		1				1			
12-Aug-2023	Saturday	choppy	1	3	3					
13-Aug-2023	Sunday	choppy	3				9			
14-Aug-2023	Monday	choppy	1	1						
15-Aug-2023	Tuesday		0							
16-Aug-2023	Wednesday		0					0	0932	0
17-Aug-2023	Thursday		0							
18-Aug-2023	Friday		0							
19-Aug-2023	Saturday		0							
20-Aug-2023	Sunday		0					0	0928	0
21-Aug-2023	Monday	calm/rippled	4	8	6		2			
22-Aug-2023	Tuesday		0							
23-Aug-2023	Wednesday		0							
24-Aug-2023	Thursday		0					13	0927	18
25-Aug-2023	Friday		0							
26-Aug-2023	Saturday		0							
27-Aug-2023	Sunday		0					0	0925	0
28-Aug-2023	Monday	calm/rippled	3	1			14			
29-Aug-2023	Tuesday	calm/rippled	2	6	4		2			
30-Aug-2023	Wednesday		0							
31-Aug-2023	Thursday		0							
01-Sep-2023	Friday		0							
02-Sep-2023	Saturday		0							
03-Sep-2023	Sunday		0							
	Totals	calm/rippled	13	16	10		22	7*		9*
	Totals	choppy	8	12	6		11	0*		0*

* 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	9	22	198	1.231	0.769		1.692	244	152		335
Weekend	0	9	0	1.5	0.75		1.375	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	August	322	206	127		191

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	15	60%
iRec Anglers	189	52%

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

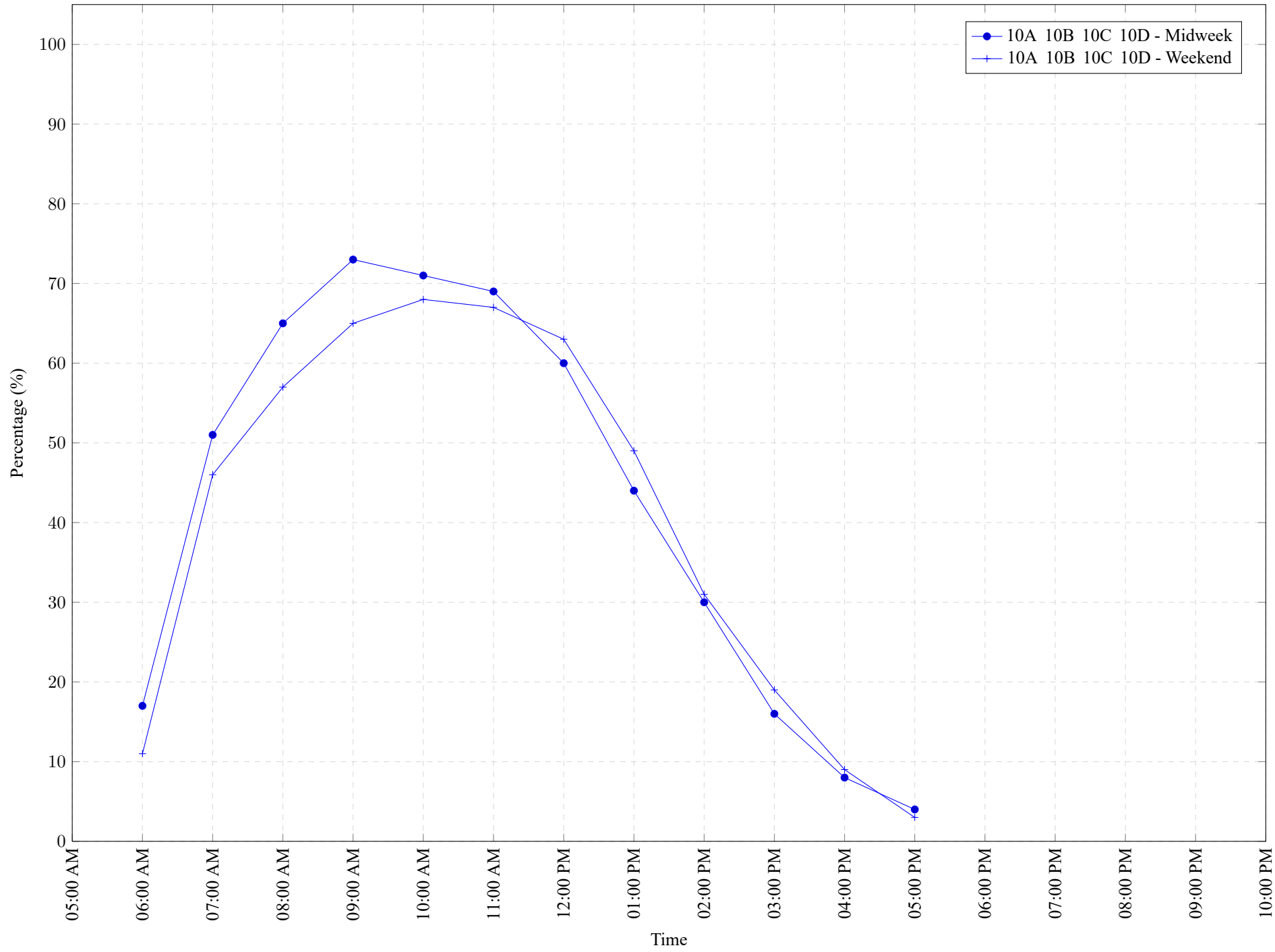


Table 7: Proportion of each day’s fishing by hour.

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
10A	10B	10C	10D	Midweek	17%	51%	65%	73%	71%	69%	60%	44%	30%	16%	8%	4%	0%	0%	0%	0%	0%
10A	10B	10C	10D	Weekend	11%	46%	57%	65%	68%	67%	63%	49%	31%	19%	9%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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