

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (East) May 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th July, 2024



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

Date	Day Type	Becher Bay		Pedder Bay		Prestige Hotel Ramp		Sooke Harbour Marina	
		AM	PM	AM	PM	AM	PM	AM	PM
28 Apr 2024	Weekend					2			
29 Apr 2024	Midweek								
30 Apr 2024	Midweek			1					
01 May 2024	Midweek								
02 May 2024	Midweek			4					
03 May 2024	Midweek								
04 May 2024	Weekend								10
05 May 2024	Weekend								
06 May 2024	Midweek								
07 May 2024	Midweek								
08 May 2024	Midweek					2			
09 May 2024	Midweek							4	
10 May 2024	Midweek				14				
11 May 2024	Weekend					10			
12 May 2024	Weekend								
13 May 2024	Midweek						2		
14 May 2024	Midweek								
15 May 2024	Midweek								
16 May 2024	Midweek								
17 May 2024	Midweek								
18 May 2024	Weekend						1		
19 May 2024	Weekend								
20 May 2024	Weekend			11					
21 May 2024	Midweek								
22 May 2024	Midweek							1	
23 May 2024	Midweek								
24 May 2024	Midweek								
25 May 2024	Weekend				2				
26 May 2024	Weekend	3							
27 May 2024	Midweek		5	3					
28 May 2024	Midweek								
29 May 2024	Midweek								
30 May 2024	Midweek								
31 May 2024	Midweek								
01 Jun 2024	Weekend						7	2	
02 Jun 2024	Weekend								
03 Jun 2024	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-Apr-2024	Sunday	choppy	2	1						
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday	frequent whitecaps	2							
01-May-2024	Wednesday		1							
02-May-2024	Thursday	calm/rippled	6					22	1004	35
03-May-2024	Friday		0							
04-May-2024	Saturday	calm/rippled	10				11			
05-May-2024	Sunday		0							
06-May-2024	Monday		0							
07-May-2024	Tuesday		1							
08-May-2024	Wednesday	calm/rippled	3							
09-May-2024	Thursday	choppy	5	1			1			
10-May-2024	Friday	calm/rippled	14					17	1009	27
11-May-2024	Saturday	calm/rippled	10					39	1015	48
12-May-2024	Sunday		0					13	1004	16
13-May-2024	Monday	frequent whitecaps	2							
14-May-2024	Tuesday		1							
15-May-2024	Wednesday		1							
16-May-2024	Thursday		1							
17-May-2024	Friday		0					4	1008	7
18-May-2024	Saturday	frequent whitecaps	1							
19-May-2024	Sunday		0							
20-May-2024	Monday (Victoria Day)	frequent whitecaps	11					31	1023	38
21-May-2024	Tuesday		1							
22-May-2024	Wednesday	calm/rippled	2				2			
23-May-2024	Thursday		1							
24-May-2024	Friday		0							
25-May-2024	Saturday	frequent whitecaps	2					5	0954	6
26-May-2024	Sunday	calm/rippled	3							
27-May-2024	Monday	calm/rippled	8							
28-May-2024	Tuesday		1							
29-May-2024	Wednesday		2							
30-May-2024	Thursday		1					16	0956	25
31-May-2024	Friday		0							
01-Jun-2024	Saturday	calm/rippled	9		1		8	51	1105	66
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
	Totals	calm/rippled	51	1			3	15*		24*
	Totals	choppy	37				11	22*		27*

* 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	27	9	243				0.297				72
Midweek	24	22	528	0.02			0.059	11			31

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	May	885	0			123
2020	May	359				25
2021	May	808	8	0		135
2022	May	1199	0			51
2023	May	998	25			36
2024	May	795	30			109
5-Yr Avg	May	850	8	0		74

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	83	9%
iRec Anglers	243	40%
iRec Anglers	829	26%

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

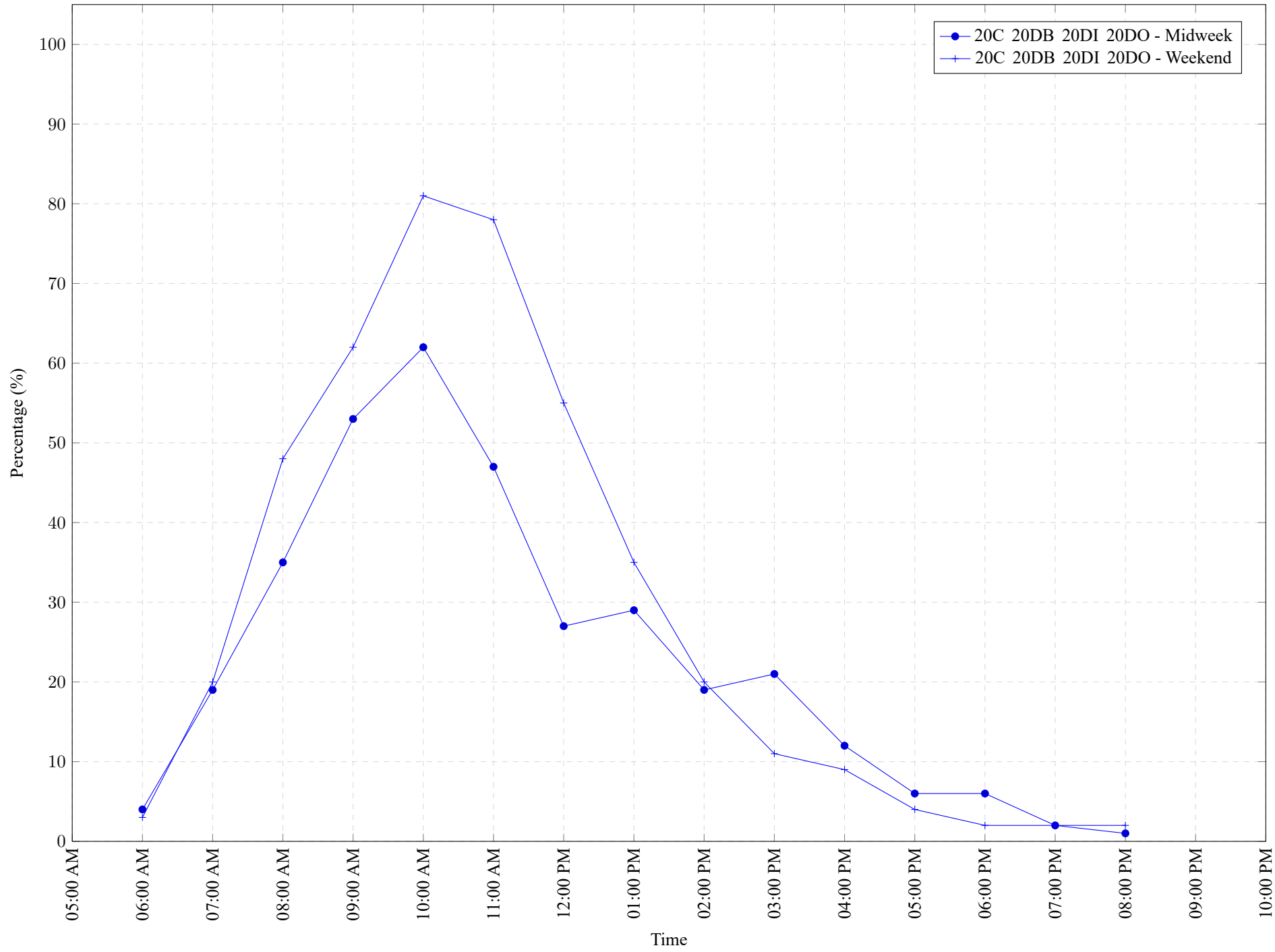


Table 7: Proportion of each day's fishing by hour.

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
20C	20DB	20DI	20DO	Midweek	4%	19%	35%	53%	62%	47%	27%	29%	19%	21%	12%	6%	6%	2%	1%	0%	0%
20C	20DB	20DI	20DO	Weekend	3%	20%	48%	62%	81%	78%	55%	35%	20%	11%	9%	4%	2%	2%	2%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Becher Bay	Pedder Bay	Prestige Hotel Ramp	Sooke Harbour Marina
28 Apr 2024	Weekend			choppy	
29 Apr 2024	Midweek				
30 Apr 2024	Midweek		frequent whitecaps		
01 May 2024	Midweek				
02 May 2024	Midweek		calm/rippled		
03 May 2024	Midweek				
04 May 2024	Weekend				calm/rippled
05 May 2024	Weekend				
06 May 2024	Midweek				
07 May 2024	Midweek				
08 May 2024	Midweek			calm/rippled	
09 May 2024	Midweek				choppy
10 May 2024	Midweek		calm/rippled		
11 May 2024	Weekend			calm/rippled	
12 May 2024	Weekend				
13 May 2024	Midweek			frequent whitecaps	
14 May 2024	Midweek				
15 May 2024	Midweek				
16 May 2024	Midweek				
17 May 2024	Midweek				
18 May 2024	Weekend			frequent whitecaps	
19 May 2024	Weekend				
20 May 2024	Weekend		frequent whitecaps		
21 May 2024	Midweek				
22 May 2024	Midweek				calm/rippled
23 May 2024	Midweek				
24 May 2024	Midweek				
25 May 2024	Weekend		frequent whitecaps		
26 May 2024	Weekend	calm/rippled			
27 May 2024	Midweek	calm/rippled	choppy		
28 May 2024	Midweek				
29 May 2024	Midweek				
30 May 2024	Midweek				
31 May 2024	Midweek				
01 Jun 2024	Weekend			calm/rippled	choppy
02 Jun 2024	Weekend				
03 Jun 2024	Midweek				