

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 28 May 2021



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Saturday 5<sup>th</sup> February, 2022



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

Date	Day Type	McDonald Beach		Planetarium		Sewell's West		Thunderbird Marina	
		AM	PM	AM	PM	AM	PM	AM	PM
28 Apr 2021	Midweek								
29 Apr 2021	Midweek								
30 Apr 2021	Midweek								
01 May 2021	Weekend		2						
02 May 2021	Weekend								
03 May 2021	Midweek								
04 May 2021	Midweek								
05 May 2021	Midweek						3		
06 May 2021	Midweek								
07 May 2021	Midweek					3			
08 May 2021	Weekend								2
09 May 2021	Weekend	7							
10 May 2021	Midweek								
11 May 2021	Midweek								
12 May 2021	Midweek								
13 May 2021	Midweek		2						
14 May 2021	Midweek								
15 May 2021	Weekend				5				
16 May 2021	Weekend					3			
17 May 2021	Midweek								
18 May 2021	Midweek								
19 May 2021	Midweek								
20 May 2021	Midweek								
21 May 2021	Midweek								2
22 May 2021	Weekend			6					
23 May 2021	Weekend								
24 May 2021	Weekend								
25 May 2021	Midweek								
26 May 2021	Midweek							1	
27 May 2021	Midweek						1		
28 May 2021	Midweek			1					
29 May 2021	Weekend								5
30 May 2021	Weekend							2	
31 May 2021	Midweek				4				
01 Jun 2021	Midweek							1	
02 Jun 2021	Midweek							1	
03 Jun 2021	Midweek					1			

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-2021	Wednesday		0							
29-Apr-2021	Thursday		0							
30-Apr-2021	Friday		0							
01-May-2021	Saturday	choppy	3					9	1255	11
02-May-2021	Sunday		0							
03-May-2021	Monday		1							
04-May-2021	Tuesday		1							
05-May-2021	Wednesday	calm/rippled	3					8	1258	11
06-May-2021	Thursday		0							
07-May-2021	Friday	calm/rippled	5							
08-May-2021	Saturday	choppy	3							
09-May-2021	Sunday	choppy	9					6	1312	10
10-May-2021	Monday		0							
11-May-2021	Tuesday		1							
12-May-2021	Wednesday		1							
13-May-2021	Thursday	choppy	4					3	1240	3
14-May-2021	Friday		3							
15-May-2021	Saturday	choppy	7							
16-May-2021	Sunday	calm/rippled	5					26	1255	36
17-May-2021	Monday		0							
18-May-2021	Tuesday		0							
19-May-2021	Wednesday		1							
20-May-2021	Thursday		1							
21-May-2021	Friday	calm/rippled	9					12	1252	13
22-May-2021	Saturday	choppy	15							
23-May-2021	Sunday		3							
24-May-2021	Monday (Victoria Day)		0							
25-May-2021	Tuesday		1							
26-May-2021	Wednesday	choppy	3							
27-May-2021	Thursday	choppy	1							
28-May-2021	Friday	frequent whitecaps	2							
29-May-2021	Saturday	calm/rippled	11							
30-May-2021	Sunday	calm/rippled	4							
31-May-2021	Monday	choppy	6							
01-Jun-2021	Tuesday	choppy	6					13	1321	18
02-Jun-2021	Wednesday	calm/rippled	2							
03-Jun-2021	Thursday	calm/rippled	1							
	Totals	choppy	43					8*		9*
	Totals	choppy	60					14*		19*

\* 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	19	11	209								
Midweek	9	20	180								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	May	1465	628	21		71
2017	May	1476	28			
2018	May	1282	598			16
2019	May	633				
2020	May	908				
2021	May	466	1			0
5-Yr Avg	May	1153	418	21		44

**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	102	18%
iRec Anglers	1539	8%

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

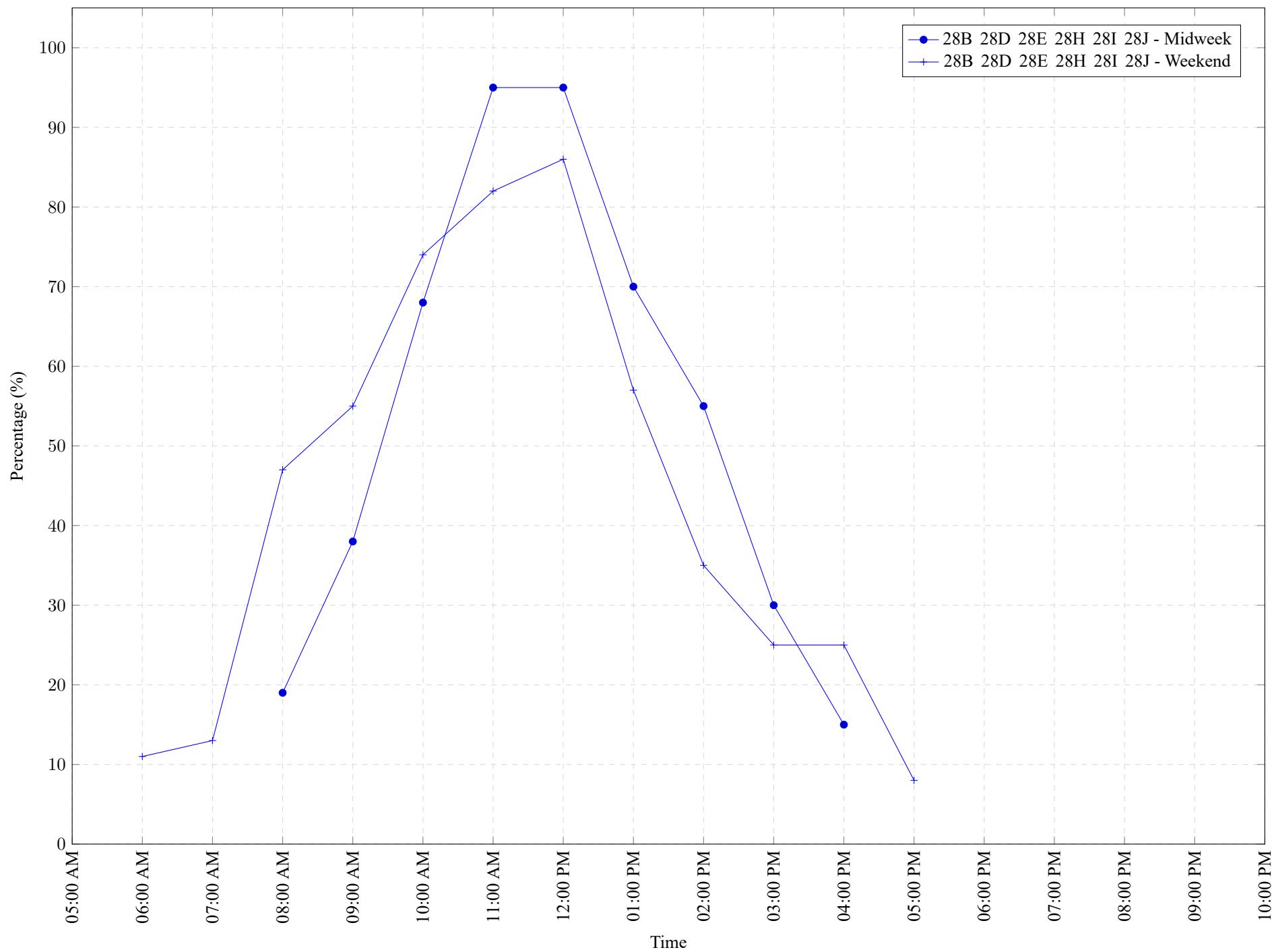


Table 7: Proportion of each day's fishing by hour.

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%	19%	38%	68%	95%	95%	70%	55%	30%	15%	0%	0%	0%	0%	0%	0%
28B	28D	28E	28H	28I	28J		Weekend	11%	13%	47%	55%	74%	82%	86%	57%	35%	25%	25%	8%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	McDonald Beach	Planetarium	Sewell's West	Thunderbird Marina
28 Apr 2021	Midweek				
29 Apr 2021	Midweek				
30 Apr 2021	Midweek				
01 May 2021	Weekend	choppy			
02 May 2021	Weekend				
03 May 2021	Midweek				
04 May 2021	Midweek				
05 May 2021	Midweek			calm/rippled	
06 May 2021	Midweek				
07 May 2021	Midweek			calm/rippled	
08 May 2021	Weekend				choppy
09 May 2021	Weekend	choppy			
10 May 2021	Midweek				
11 May 2021	Midweek				
12 May 2021	Midweek				
13 May 2021	Midweek	choppy			
14 May 2021	Midweek				
15 May 2021	Weekend		choppy		
16 May 2021	Weekend			calm/rippled	
17 May 2021	Midweek				
18 May 2021	Midweek				
19 May 2021	Midweek				
20 May 2021	Midweek				
21 May 2021	Midweek				calm/rippled
22 May 2021	Weekend		choppy		
23 May 2021	Weekend				
24 May 2021	Weekend				
25 May 2021	Midweek				
26 May 2021	Midweek				choppy
27 May 2021	Midweek			choppy	
28 May 2021	Midweek		frequent whitecaps		
29 May 2021	Weekend				calm/rippled
30 May 2021	Weekend				calm/rippled
31 May 2021	Midweek		choppy		
01 Jun 2021	Midweek				choppy
02 Jun 2021	Midweek				calm/rippled
03 Jun 2021	Midweek			calm/rippled	