

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 August 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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

Date	Day Type	Moutcha Bay Resort MD	Westview Marina		
			AM	MD	PM
29 Jul 2021	Midweek				
30 Jul 2021	Midweek				
31 Jul 2021	Weekend				
01 Aug 2021	Weekend				
02 Aug 2021	Weekend				4
03 Aug 2021	Midweek			2	
04 Aug 2021	Midweek			2	
05 Aug 2021	Midweek				
06 Aug 2021	Midweek				
07 Aug 2021	Weekend				
08 Aug 2021	Weekend				1
09 Aug 2021	Midweek				4
10 Aug 2021	Midweek			5	
11 Aug 2021	Midweek			1	
12 Aug 2021	Midweek				
13 Aug 2021	Midweek			4	
14 Aug 2021	Weekend				3
15 Aug 2021	Weekend		2		
16 Aug 2021	Midweek				
17 Aug 2021	Midweek				
18 Aug 2021	Midweek				
19 Aug 2021	Midweek				2
20 Aug 2021	Midweek				4
21 Aug 2021	Weekend	4		7	
22 Aug 2021	Weekend				
23 Aug 2021	Midweek				
24 Aug 2021	Midweek			2	
25 Aug 2021	Midweek				2
26 Aug 2021	Midweek				
27 Aug 2021	Midweek			6	
28 Aug 2021	Weekend			7	
29 Aug 2021	Weekend				
30 Aug 2021	Midweek			3	
31 Aug 2021	Midweek				4
01 Sep 2021	Midweek				
02 Sep 2021	Midweek				
03 Sep 2021	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-Jul-2021	Thursday		17	41	11					
30-Jul-2021	Friday		15	44	7		2			
31-Jul-2021	Saturday		13	33	13					
01-Aug-2021	Sunday		12	33	5					
02-Aug-2021	Monday (B.C. Day)	calm/rippled	22	40	8		1			
03-Aug-2021	Tuesday	choppy	16	31	7			19	1033	41
04-Aug-2021	Wednesday	choppy	11	25	6					
05-Aug-2021	Thursday		14	26	2		1			
06-Aug-2021	Friday		9	16						
07-Aug-2021	Saturday		8	19	3					
08-Aug-2021	Sunday	calm/rippled	14	31	8		1	27	1014	45
09-Aug-2021	Monday	calm/rippled	12	28	7					
10-Aug-2021	Tuesday	choppy	13	36	5			18	1015	34
11-Aug-2021	Wednesday	frequent whitecaps	15	33	9		5			
12-Aug-2021	Thursday		12	18	3		5			
13-Aug-2021	Friday	calm/rippled	12	21	8					
14-Aug-2021	Saturday	calm/rippled	14	50	9					
15-Aug-2021	Sunday	calm/rippled	12	27	10					
16-Aug-2021	Monday		15	43	4					
17-Aug-2021	Tuesday		14	51	6			32	0954	60
18-Aug-2021	Wednesday		6	18	4					
19-Aug-2021	Thursday	frequent whitecaps	9	29	5					
20-Aug-2021	Friday	calm/rippled	13	34	5		2			
21-Aug-2021	Saturday	choppy	23	74	6		1	0	1002	0
22-Aug-2021	Sunday		7	12	2					
23-Aug-2021	Monday		9	13	3		2			
24-Aug-2021	Tuesday	calm/rippled	11	31	1		1			
25-Aug-2021	Wednesday	calm/rippled	5	10	1					
26-Aug-2021	Thursday		10	19	4		9			
27-Aug-2021	Friday	calm/rippled	15	40	13		2			
28-Aug-2021	Saturday	calm/rippled	18	48	10					
29-Aug-2021	Sunday		9	18	1		4	18	1006	30
30-Aug-2021	Monday	calm/rippled	12	28	5					
31-Aug-2021	Tuesday	calm/rippled	9	13	13					
01-Sep-2021	Wednesday		0							
02-Sep-2021	Thursday		0							
03-Sep-2021	Friday		0							
	Totals	choppy	242	563	111		27	23*		45*
	Totals	calm/rippled	139	352	62		7	15*		25*

* 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	45	21	945	2.326	0.459		0.112	2198	434		106
Weekend	25	10	250	2.532	0.446		0.05	633	112		13

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	August	311	1017	88		181
2017	August	458	488	29		141
2018	August	853	1916	1311		29
2019	August	1103	1097	88		58
2020	August	1155	1261	2		16
2021	August	1135	2397	396		61
5-Yr Avg	August	776	1156	304		85

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
Coho	72	18%	38%	348	52%	8%	27
Chinook	80	3%	105%	817	30%	10%	84

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	3838	57%

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

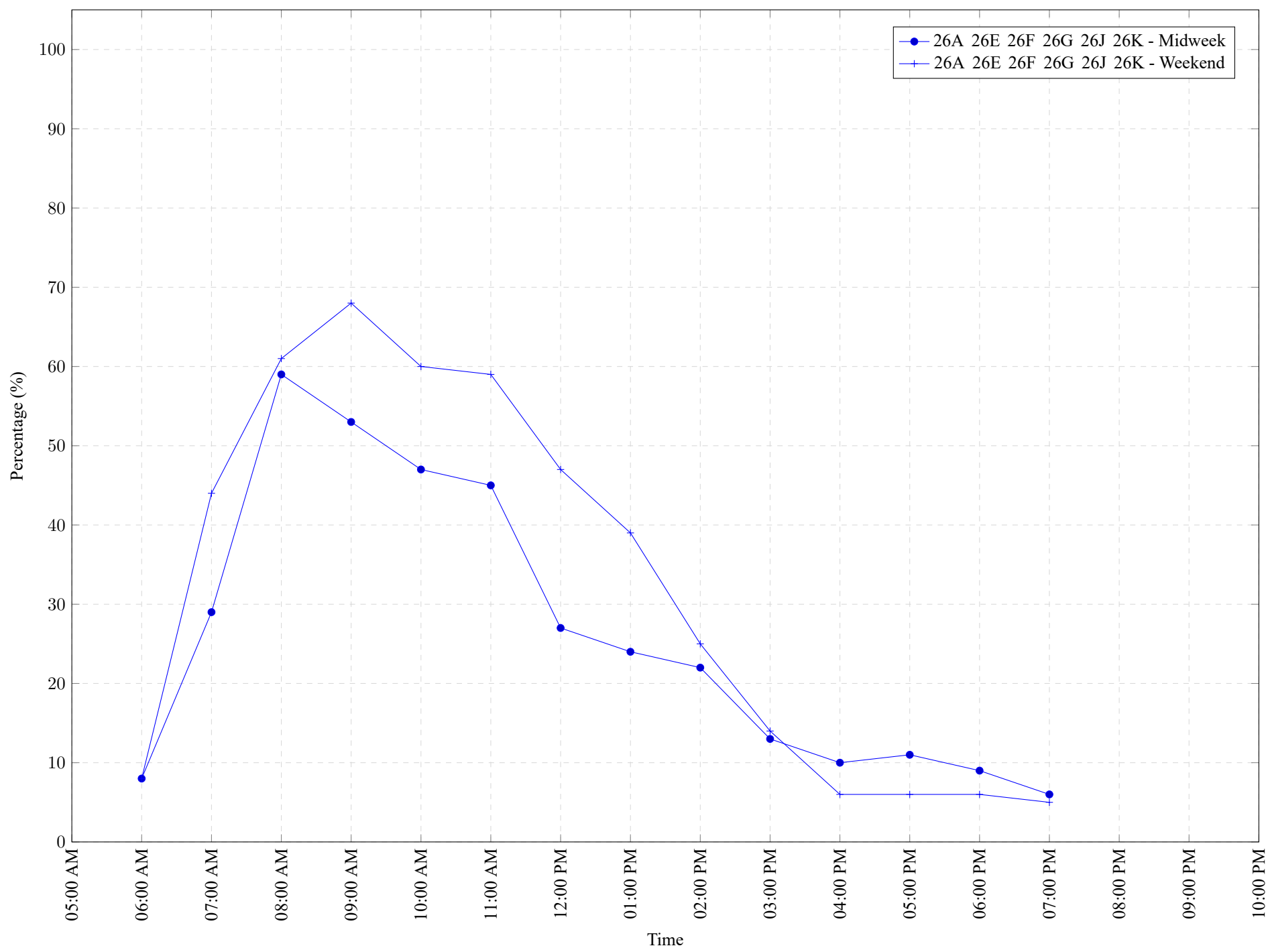


Table 7: Proportion of each day's fishing by hour.

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
26A	26E	26F	26G	26J	26K		Midweek	8%	29%	59%	53%	47%	45%	27%	24%	22%	13%	10%	11%	9%	6%	0%	0%	0%
26A	26E	26F	26G	26J	26K		Weekend	8%	44%	61%	68%	60%	59%	47%	39%	25%	14%	6%	6%	6%	5%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Moutcha Bay Resort	Westview Marina
29 Jul 2021	Midweek		
30 Jul 2021	Midweek		
31 Jul 2021	Weekend		
01 Aug 2021	Weekend		
02 Aug 2021	Weekend		calm/rippled
03 Aug 2021	Midweek		choppy
04 Aug 2021	Midweek		choppy
05 Aug 2021	Midweek		
06 Aug 2021	Midweek		
07 Aug 2021	Weekend		
08 Aug 2021	Weekend		calm/rippled
09 Aug 2021	Midweek		calm/rippled
10 Aug 2021	Midweek		choppy
11 Aug 2021	Midweek		frequent whitecaps
12 Aug 2021	Midweek		
13 Aug 2021	Midweek		calm/rippled
14 Aug 2021	Weekend		calm/rippled
15 Aug 2021	Weekend		calm/rippled
16 Aug 2021	Midweek		
17 Aug 2021	Midweek		
18 Aug 2021	Midweek		
19 Aug 2021	Midweek		frequent whitecaps
20 Aug 2021	Midweek		calm/rippled
21 Aug 2021	Weekend	frequent whitecaps	choppy
22 Aug 2021	Weekend		
23 Aug 2021	Midweek		
24 Aug 2021	Midweek		calm/rippled
25 Aug 2021	Midweek		calm/rippled
26 Aug 2021	Midweek		
27 Aug 2021	Midweek		calm/rippled
28 Aug 2021	Weekend		calm/rippled
29 Aug 2021	Weekend		
30 Aug 2021	Midweek		calm/rippled
31 Aug 2021	Midweek		calm/rippled
01 Sep 2021	Midweek		
02 Sep 2021	Midweek		
03 Sep 2021	Midweek		