

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 August 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 5th December, 2020



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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	Westview Marina		
		AM	MD	PM
29 Jul 2020	Midweek		2	
30 Jul 2020	Midweek			
31 Jul 2020	Midweek			
01 Aug 2020	Weekend			
02 Aug 2020	Weekend			
03 Aug 2020	Weekend		1	
04 Aug 2020	Midweek			
05 Aug 2020	Midweek			
06 Aug 2020	Midweek			
07 Aug 2020	Midweek		3	
08 Aug 2020	Weekend			
09 Aug 2020	Weekend			1
10 Aug 2020	Midweek			
11 Aug 2020	Midweek			
12 Aug 2020	Midweek			
13 Aug 2020	Midweek		2	
14 Aug 2020	Midweek			
15 Aug 2020	Weekend			
16 Aug 2020	Weekend			
17 Aug 2020	Midweek			
18 Aug 2020	Midweek	1		
19 Aug 2020	Midweek			
20 Aug 2020	Midweek			
21 Aug 2020	Midweek		1	
22 Aug 2020	Weekend			
23 Aug 2020	Weekend		2	
24 Aug 2020	Midweek			4
25 Aug 2020	Midweek		1	
26 Aug 2020	Midweek			
27 Aug 2020	Midweek			
28 Aug 2020	Midweek			
29 Aug 2020	Weekend			
30 Aug 2020	Weekend			
31 Aug 2020	Midweek			
01 Sep 2020	Midweek			
02 Sep 2020	Midweek			
03 Sep 2020	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-2020	Wednesday	choppy	2				2			
30-Jul-2020	Thursday		0							
31-Jul-2020	Friday		8	20						
01-Aug-2020	Saturday		6	14				7	0829	14
02-Aug-2020	Sunday		4	6				9	1010	81
03-Aug-2020	Monday (B.C. Day)	calm/rippled	8	18						
04-Aug-2020	Tuesday		3	8				27	1035	101
05-Aug-2020	Wednesday		6	12				38	0826	75
06-Aug-2020	Thursday		2	2						
07-Aug-2020	Friday	calm/rippled	4	5						
08-Aug-2020	Saturday		1					34	1101	153
09-Aug-2020	Sunday	calm/rippled	2	1						
10-Aug-2020	Monday		0							
11-Aug-2020	Tuesday		0					33	0825	66
12-Aug-2020	Wednesday		7	23						
13-Aug-2020	Thursday	calm/rippled	9	11						
14-Aug-2020	Friday		7	13						
15-Aug-2020	Saturday		2					16	0826	32
16-Aug-2020	Sunday		3	3						
17-Aug-2020	Monday		4	5						
18-Aug-2020	Tuesday	calm/rippled	4	1						
19-Aug-2020	Wednesday		3	3						
20-Aug-2020	Thursday		1		1			4	0922	10
21-Aug-2020	Friday	choppy	2							
22-Aug-2020	Saturday		0							
23-Aug-2020	Sunday	calm/rippled	2	5	1			6	1158	45
24-Aug-2020	Monday	calm/rippled	5	8						
25-Aug-2020	Tuesday	calm/rippled	2	3				11	1001	36
26-Aug-2020	Wednesday		0							
27-Aug-2020	Thursday		0							
28-Aug-2020	Friday		0					4	1157	15
29-Aug-2020	Saturday		0							
30-Aug-2020	Sunday		0					5	0917	14
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	calm/rippled	59	94	1			20*		51*
	Totals	calm/rippled	28	47	1			13*		57*

* 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	51	20	1020	1.5930	0.0170			1625	17		
Weekend	57	11	627	1.6790	0.0360			1053	23		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	226	88	747		37
2016	August	414	1017	88		199
2017	August	576	488	29		141
2018	August	992	1949	1372		29
2019	August	1312	1106	88		58
2020	August	1961	1261	2		64
5-Yr Avg	August	704	930	465		93

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	16	56%
iRec Anglers	1026	66%

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

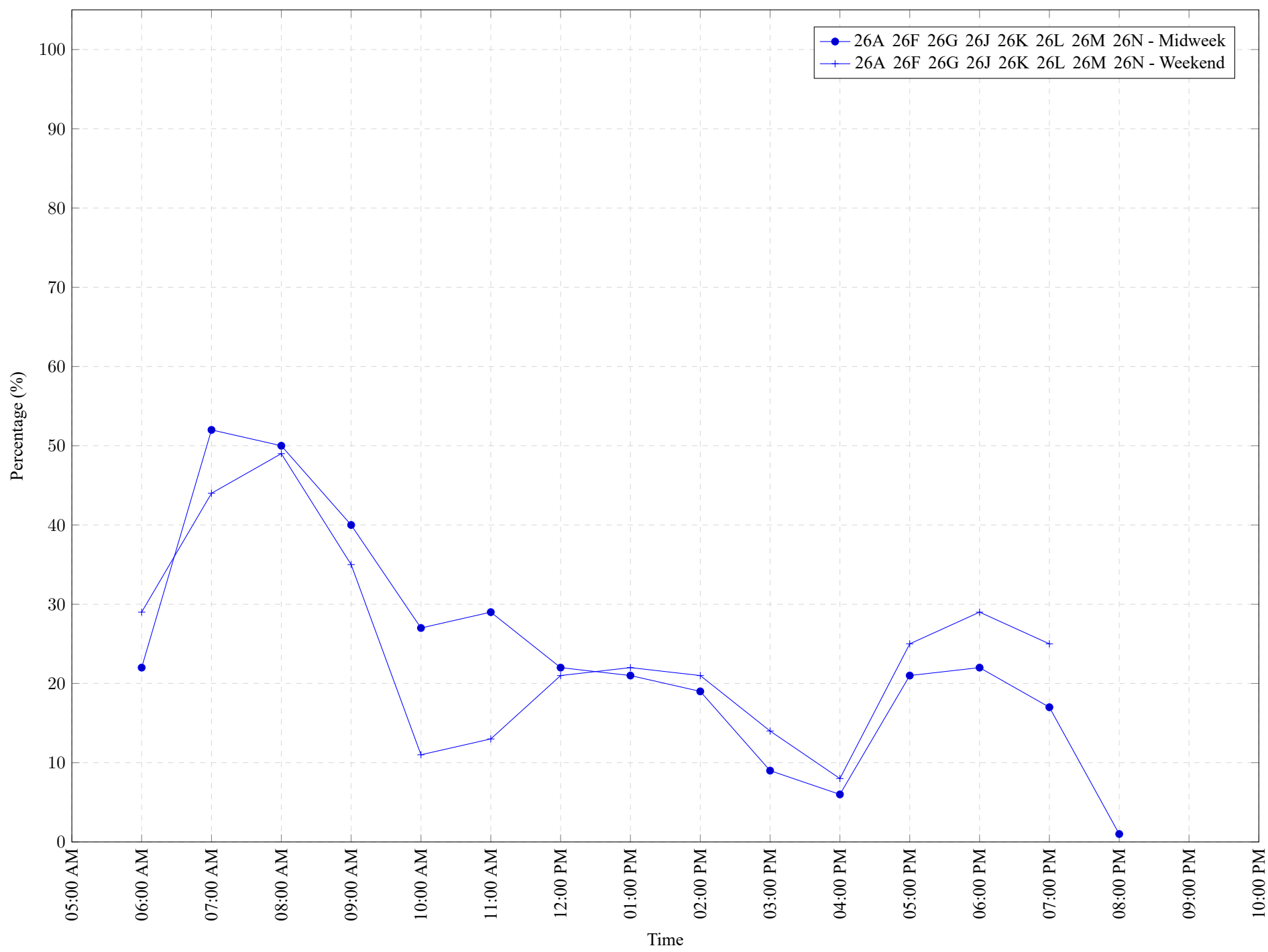


Table 7: Proportion of each day's fishing by hour.

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	26F	26G	26J	26K	26L	26M	26N	Midweek	22%	52%	50%	40%	27%	29%	22%	21%	19%	9%	6%	21%	22%	17%	1%	0%	0%
26A	26F	26G	26J	26K	26L	26M	26N	Weekend	29%	44%	49%	35%	11%	13%	21%	22%	21%	14%	8%	25%	29%	25%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina
29 Jul 2020	Midweek	choppy
30 Jul 2020	Midweek	
31 Jul 2020	Midweek	
01 Aug 2020	Weekend	
02 Aug 2020	Weekend	
03 Aug 2020	Weekend	calm/rippled
04 Aug 2020	Midweek	
05 Aug 2020	Midweek	
06 Aug 2020	Midweek	
07 Aug 2020	Midweek	calm/rippled
08 Aug 2020	Weekend	
09 Aug 2020	Weekend	calm/rippled
10 Aug 2020	Midweek	
11 Aug 2020	Midweek	
12 Aug 2020	Midweek	
13 Aug 2020	Midweek	calm/rippled
14 Aug 2020	Midweek	
15 Aug 2020	Weekend	
16 Aug 2020	Weekend	
17 Aug 2020	Midweek	
18 Aug 2020	Midweek	calm/rippled
19 Aug 2020	Midweek	
20 Aug 2020	Midweek	
21 Aug 2020	Midweek	choppy
22 Aug 2020	Weekend	
23 Aug 2020	Weekend	calm/rippled
24 Aug 2020	Midweek	calm/rippled
25 Aug 2020	Midweek	calm/rippled
26 Aug 2020	Midweek	
27 Aug 2020	Midweek	
28 Aug 2020	Midweek	
29 Aug 2020	Weekend	
30 Aug 2020	Weekend	
31 Aug 2020	Midweek	
01 Sep 2020	Midweek	
02 Sep 2020	Midweek	
03 Sep 2020	Midweek	