

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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Canada

Pêches et Océans
Canada



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

Date	Day Type	Westview Marina		Zeballos
		MD	PM	AM
29 May 2021	Weekend			
30 May 2021	Weekend			
31 May 2021	Midweek			
01 Jun 2021	Midweek			
02 Jun 2021	Midweek			
03 Jun 2021	Midweek			
04 Jun 2021	Midweek			
05 Jun 2021	Weekend			
06 Jun 2021	Weekend			
07 Jun 2021	Midweek			
08 Jun 2021	Midweek			
09 Jun 2021	Midweek			
10 Jun 2021	Midweek			
11 Jun 2021	Midweek			
12 Jun 2021	Weekend			
13 Jun 2021	Weekend			
14 Jun 2021	Midweek			
15 Jun 2021	Midweek			
16 Jun 2021	Midweek			
17 Jun 2021	Midweek		1	
18 Jun 2021	Midweek			
19 Jun 2021	Weekend			1
20 Jun 2021	Weekend			
21 Jun 2021	Midweek			
22 Jun 2021	Midweek			
23 Jun 2021	Midweek			
24 Jun 2021	Midweek		1	
25 Jun 2021	Midweek		1	
26 Jun 2021	Weekend	1		
27 Jun 2021	Weekend	3		
28 Jun 2021	Midweek			
29 Jun 2021	Midweek			
30 Jun 2021	Midweek			
01 Jul 2021	Weekend		1	
02 Jul 2021	Midweek			
03 Jul 2021	Weekend		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
29-May-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday		0							
05-Jun-2021	Saturday		0							
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		0							
09-Jun-2021	Wednesday		0							
10-Jun-2021	Thursday		0							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday		0							
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday		0							
15-Jun-2021	Tuesday		0					1	1031	2
16-Jun-2021	Wednesday		0							
17-Jun-2021	Thursday	calm/rippled	2	1						
18-Jun-2021	Friday		7	7	3					
19-Jun-2021	Saturday	calm/rippled	3	5	1		2			
20-Jun-2021	Sunday		5	15	11		1			
21-Jun-2021	Monday		5	15	3					
22-Jun-2021	Tuesday		4	12	6		1			
23-Jun-2021	Wednesday		2		2					
24-Jun-2021	Thursday	calm/rippled	8	10	12					
25-Jun-2021	Friday	calm/rippled	4	11	4					
26-Jun-2021	Saturday	calm/rippled	8	31	1			12	1020	25
27-Jun-2021	Sunday	calm/rippled	13	29	2					
28-Jun-2021	Monday		9	17						
29-Jun-2021	Tuesday		9	23	1					
30-Jun-2021	Wednesday		11	25	1			12	0944	23
01-Jul-2021	Thursday (Canada Day)	choppy	12	26						
02-Jul-2021	Friday		15	44						
03-Jul-2021	Saturday	calm/rippled	12	23	1					
	Totals	calm/rippled	61	121	32		1	7*		13*
	Totals	calm/rippled	29	80	15		3	12*		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
Weekend	25	8	200	2.759	0.517		0.103	552	103		21
Midweek	13	22	286	1.984	0.525		0.016	567	150		5

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	53	90			4
2017	June	308	383			25
2018	June	686	1128	129		55
2019	June	347	875	130		24
2020	June	307	95	13		36
2021	June	947	2025	558	0	288
5-Yr Avg	June	340	514	91		29

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	74	44%	4%	62	49%	5%	3
Chinook	160	21%	29%	134	30%	34%	46

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	697	43%

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

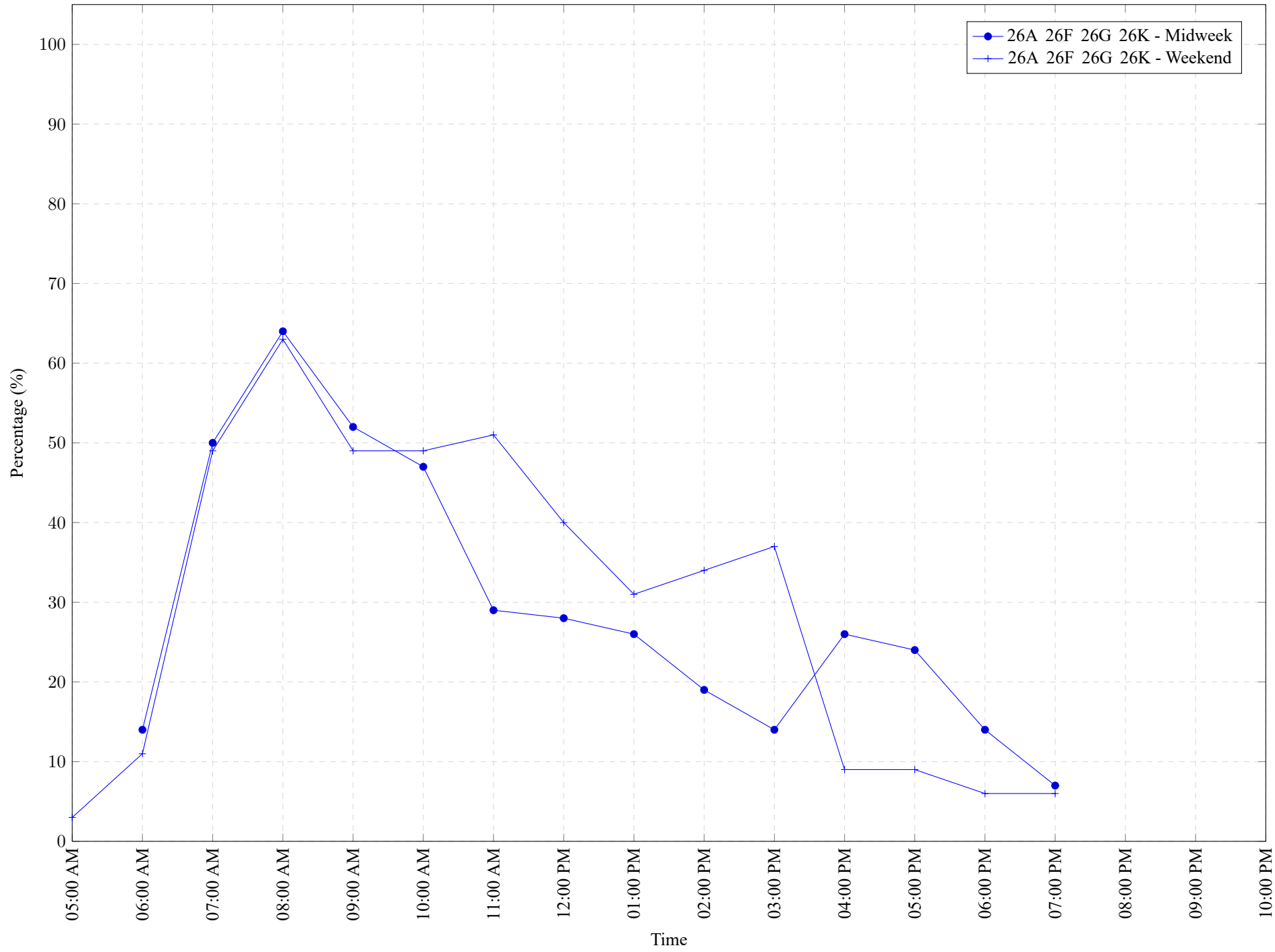


Table 7: Proportion of each day's fishing by hour.

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	26K	Midweek	14%	50%	64%	52%	47%	29%	28%	26%	19%	14%	26%	24%	14%	7%	0%	0%	0%
26A	26F	26G	26K	Weekend	11%	49%	63%	49%	49%	51%	40%	31%	34%	37%	9%	9%	6%	6%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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