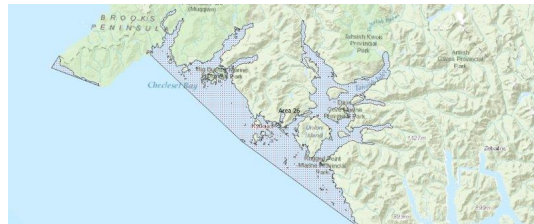


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 July 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th January, 2024



Fisheries and Oceans
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
		AM	MD	PM	
28 Jun 2023	Midweek				
29 Jun 2023	Midweek		1		
30 Jun 2023	Midweek				
01 Jul 2023	Weekend		1		
02 Jul 2023	Weekend				
03 Jul 2023	Weekend				
04 Jul 2023	Midweek				
05 Jul 2023	Midweek		1		
06 Jul 2023	Midweek	1			
07 Jul 2023	Midweek		1		
08 Jul 2023	Weekend				
09 Jul 2023	Weekend			1	
10 Jul 2023	Midweek				1
11 Jul 2023	Midweek				
12 Jul 2023	Midweek			3	
13 Jul 2023	Midweek		1		
14 Jul 2023	Midweek				
15 Jul 2023	Weekend				
16 Jul 2023	Weekend				
17 Jul 2023	Midweek				
18 Jul 2023	Midweek		1		
19 Jul 2023	Midweek			1	
20 Jul 2023	Midweek		2		
21 Jul 2023	Midweek				
22 Jul 2023	Weekend				
23 Jul 2023	Weekend				
24 Jul 2023	Midweek				
25 Jul 2023	Midweek		2		
26 Jul 2023	Midweek		1		
27 Jul 2023	Midweek				
28 Jul 2023	Midweek		3		
29 Jul 2023	Weekend		4		
30 Jul 2023	Weekend			3	
31 Jul 2023	Midweek				
01 Aug 2023	Midweek		1		
02 Aug 2023	Midweek		2		
03 Aug 2023	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-Jun-2023	Wednesday		9	17			2			
29-Jun-2023	Thursday	calm/rippled	8	19						
30-Jun-2023	Friday		8	46			2			
01-Jul-2023	Saturday	choppy	9	16	1		1			
02-Jul-2023	Sunday		6	9						
03-Jul-2023	Monday (Canada Day)		6	16	2					
04-Jul-2023	Tuesday		6	12						
05-Jul-2023	Wednesday	calm/rippled	6	12				16	1002	35
06-Jul-2023	Thursday	choppy	14	27			1			
07-Jul-2023	Friday	choppy	14	34			1			
08-Jul-2023	Saturday		8	11						
09-Jul-2023	Sunday	choppy	15	23	4			4	1112	19
10-Jul-2023	Monday	calm/rippled	15	23			3			
11-Jul-2023	Tuesday		18	52	1					
12-Jul-2023	Wednesday	frequent whitecaps	17	39			1	6	1011	13
13-Jul-2023	Thursday	choppy	21	49						
14-Jul-2023	Friday		2	9	1					
15-Jul-2023	Saturday		7	7	6			12	1013	40
16-Jul-2023	Sunday		5	9	6					
17-Jul-2023	Monday		4	11	4			11	1019	24
18-Jul-2023	Tuesday	choppy	2	5						
19-Jul-2023	Wednesday	choppy	3	7			4			
20-Jul-2023	Thursday	choppy	26	36	18					
21-Jul-2023	Friday		9	17						
22-Jul-2023	Saturday		16	49	1		1			
23-Jul-2023	Sunday		13	19	1		2	8	1009	27
24-Jul-2023	Monday		14	20	4					
25-Jul-2023	Tuesday	choppy	10	18						
26-Jul-2023	Wednesday	calm/rippled	4	5				8	1012	18
27-Jul-2023	Thursday		8	13			5			
28-Jul-2023	Friday	calm/rippled	7	12						
29-Jul-2023	Saturday	calm/rippled	8	10	6			9	1008	30
30-Jul-2023	Sunday	calm/rippled	9	23	10					
31-Jul-2023	Monday		6	12	2		5			
01-Aug-2023	Tuesday	calm/rippled	11	28	10		6			
02-Aug-2023	Wednesday	calm/rippled	8	14	4					
03-Aug-2023	Thursday		8	13	10		5	14	1138	34
	Totals	choppy	206	413	30		20	10*		23*
	Totals	choppy	102	192	37		4	8*		29*

* 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	29	11	319	1.882	0.363		0.039	600	116		12
Midweek	23	20	460	2.005	0.146		0.097	922	67		45

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	July	1487	1929	642		201
2019	July	1199	1914	33		31
2020	July	1537	1714	19		62
2021	July	1284	2416	163		45
2022	July	1244	2811	1344		50
2023	July	900	1554	156		58
5-Yr Avg	July	1350	2157	440		78

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	25	16%	28%	456	61%	2%	7
Chinook	258	17%	39%	762	29%	13%	100

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	3575	50%

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

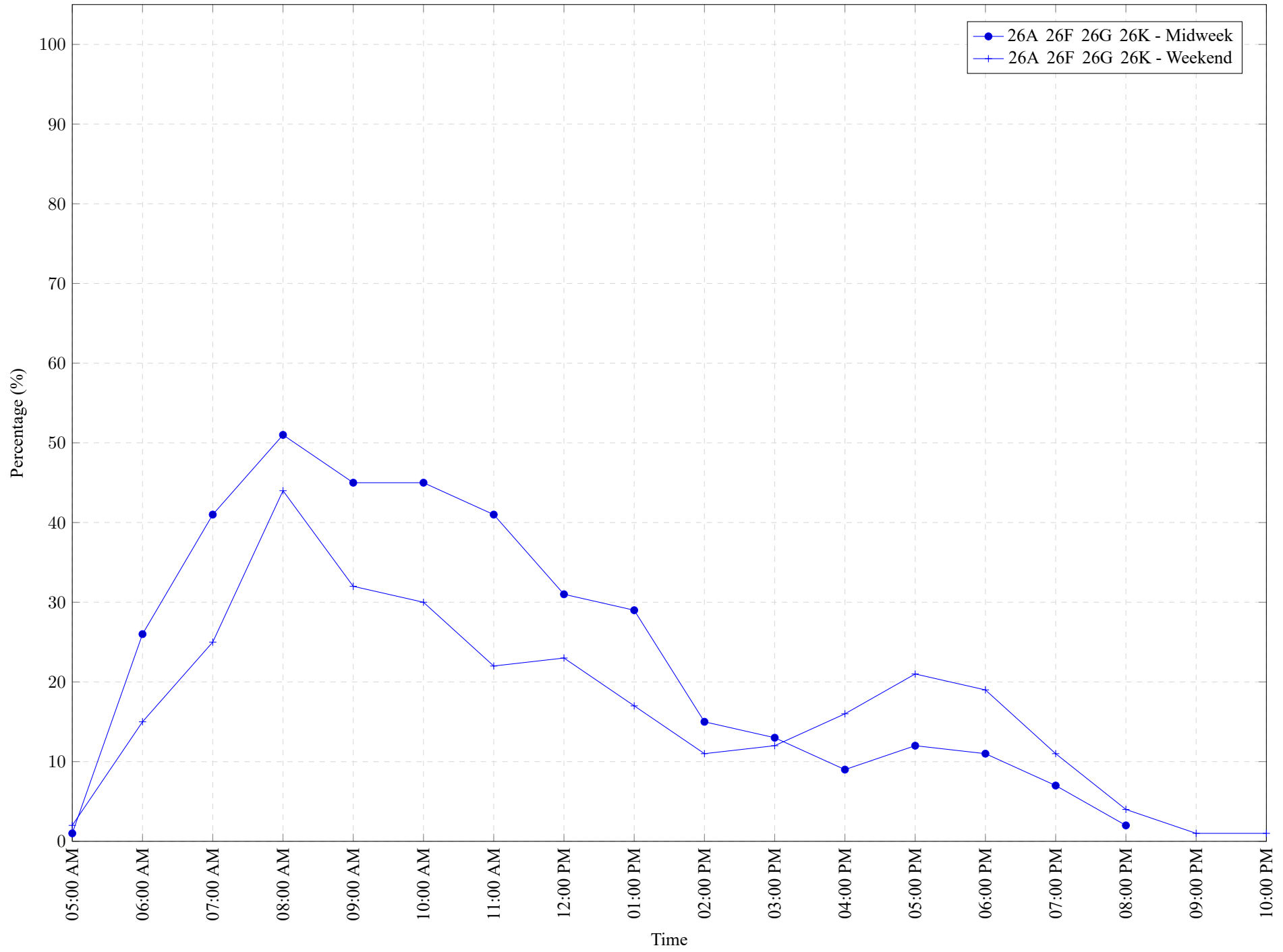


Table 7: Proportion of each day's fishing by hour.

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	26%	41%	51%	45%	45%	41%	31%	29%	15%	13%	9%	12%	11%	7%	2%	0%	0%
26A	26F	26G	26K	Weekend	15%	25%	44%	32%	30%	22%	23%	17%	11%	12%	16%	21%	19%	11%	4%	1%	1%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina	Zeballos
28 Jun 2023	Midweek	calm/rippled	
29 Jun 2023	Midweek		
30 Jun 2023	Midweek		
01 Jul 2023	Weekend	choppy	
02 Jul 2023	Weekend		
03 Jul 2023	Weekend		
04 Jul 2023	Midweek		
05 Jul 2023	Midweek	calm/rippled	
06 Jul 2023	Midweek	choppy	
07 Jul 2023	Midweek	choppy	
08 Jul 2023	Weekend		
09 Jul 2023	Weekend	choppy	
10 Jul 2023	Midweek		calm/rippled
11 Jul 2023	Midweek		
12 Jul 2023	Midweek	frequent whitecaps	
13 Jul 2023	Midweek	choppy	
14 Jul 2023	Midweek		
15 Jul 2023	Weekend		
16 Jul 2023	Weekend		
17 Jul 2023	Midweek		
18 Jul 2023	Midweek	choppy	
19 Jul 2023	Midweek	choppy	
20 Jul 2023	Midweek	choppy	
21 Jul 2023	Midweek		
22 Jul 2023	Weekend		
23 Jul 2023	Weekend		
24 Jul 2023	Midweek		
25 Jul 2023	Midweek	choppy	
26 Jul 2023	Midweek	calm/rippled	
27 Jul 2023	Midweek		
28 Jul 2023	Midweek	calm/rippled	
29 Jul 2023	Weekend	calm/rippled	
30 Jul 2023	Weekend	calm/rippled	
31 Jul 2023	Midweek		
01 Aug 2023	Midweek	calm/rippled	
02 Aug 2023	Midweek	calm/rippled	
03 Aug 2023	Midweek		