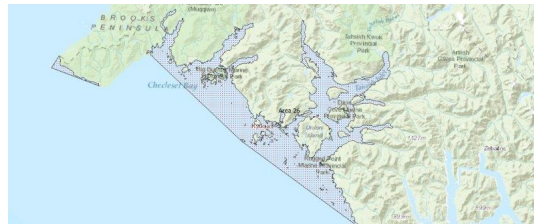


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 August 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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			Winter Harbour Ramp	Zeballos
		AM	MD	PM	AM	MD
29 Jul 2022	Midweek					
30 Jul 2022	Weekend			8		
31 Jul 2022	Weekend		5		1	
01 Aug 2022	Weekend			4		
02 Aug 2022	Midweek		1			2
03 Aug 2022	Midweek					
04 Aug 2022	Midweek					
05 Aug 2022	Midweek					3
06 Aug 2022	Weekend					
07 Aug 2022	Weekend			4		2
08 Aug 2022	Midweek			3		
09 Aug 2022	Midweek		3			1
10 Aug 2022	Midweek		3			
11 Aug 2022	Midweek					
12 Aug 2022	Midweek					
13 Aug 2022	Weekend			5		
14 Aug 2022	Weekend	1				3
15 Aug 2022	Midweek					
16 Aug 2022	Midweek					
17 Aug 2022	Midweek			5		
18 Aug 2022	Midweek			4		
19 Aug 2022	Midweek			4		7
20 Aug 2022	Weekend			4		
21 Aug 2022	Weekend					
22 Aug 2022	Midweek					
23 Aug 2022	Midweek		5			1
24 Aug 2022	Midweek					
25 Aug 2022	Midweek					
26 Aug 2022	Midweek			6		
27 Aug 2022	Weekend		5			
28 Aug 2022	Weekend					
29 Aug 2022	Midweek					
30 Aug 2022	Midweek					
31 Aug 2022	Midweek					
01 Sep 2022	Midweek					
02 Sep 2022	Midweek		1			
03 Sep 2022	Weekend					

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-2022	Friday		15	40	20					
30-Jul-2022	Saturday	calm/rippled	27	68	38			46	1023	85
31-Jul-2022	Sunday	calm/rippled	19	60	29		1			
01-Aug-2022	Monday (B.C. Day)	calm/rippled	32	57	49					
02-Aug-2022	Tuesday	calm/rippled	5	15	9			21	1049	43
03-Aug-2022	Wednesday		2	4	4					
04-Aug-2022	Thursday		4	14	6					
05-Aug-2022	Friday	calm/rippled	16	25	6					
06-Aug-2022	Saturday		4	5	12			32	1135	58
07-Aug-2022	Sunday	calm/rippled	10	32	2					
08-Aug-2022	Monday	calm/rippled	8	30	18					
09-Aug-2022	Tuesday	calm/rippled	14	52	19		1			
10-Aug-2022	Wednesday	frequent whitecaps	23	52	28		1			
11-Aug-2022	Thursday		21	56	42			33	1212	77
12-Aug-2022	Friday		11	36	15		1			
13-Aug-2022	Saturday	calm/rippled	20	50	35		5			
14-Aug-2022	Sunday	calm/rippled	23	53	39					
15-Aug-2022	Monday		13	29	14					
16-Aug-2022	Tuesday		10	25	18					
17-Aug-2022	Wednesday	calm/rippled	7	20	12			23	1143	53
18-Aug-2022	Thursday	calm/rippled	5	18	4		2			
19-Aug-2022	Friday	calm/rippled	15	47	20					
20-Aug-2022	Saturday	calm/rippled	7	17	16					
21-Aug-2022	Sunday		2	2	5			4	1148	7
22-Aug-2022	Monday		3	4	4					
23-Aug-2022	Tuesday	calm/rippled	37	93	69					
24-Aug-2022	Wednesday		27	57	29			30	1022	61
25-Aug-2022	Thursday		39	60	44		4			
26-Aug-2022	Friday	calm/rippled	38	58	60					
27-Aug-2022	Saturday	calm/rippled	27	51	34		1			
28-Aug-2022	Sunday		9	8	21			12	1038	22
29-Aug-2022	Monday		0							
30-Aug-2022	Tuesday		9	14	10					
31-Aug-2022	Wednesday		0							
01-Sep-2022	Thursday		0							
02-Sep-2022	Friday	calm/rippled	1	2	1					
03-Sep-2022	Saturday		0							
	Totals	calm/rippled	307	709	431		9	27*		59*
	Totals	calm/rippled	134	275	213		6	16*		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
Midweek	59	22	1298	2.309	1.404		0.029	2997	1822		38
Weekend	29	9	261	2.052	1.59		0.045	536	415		12

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2022	August	1893	3198	2022		129
5-Yr Avg	August	941	1432	365		61

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	200	10%	29%	393	20%	15%	58
Chinook	262	8%	40%	443	15%	24%	105

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	3990	69%

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

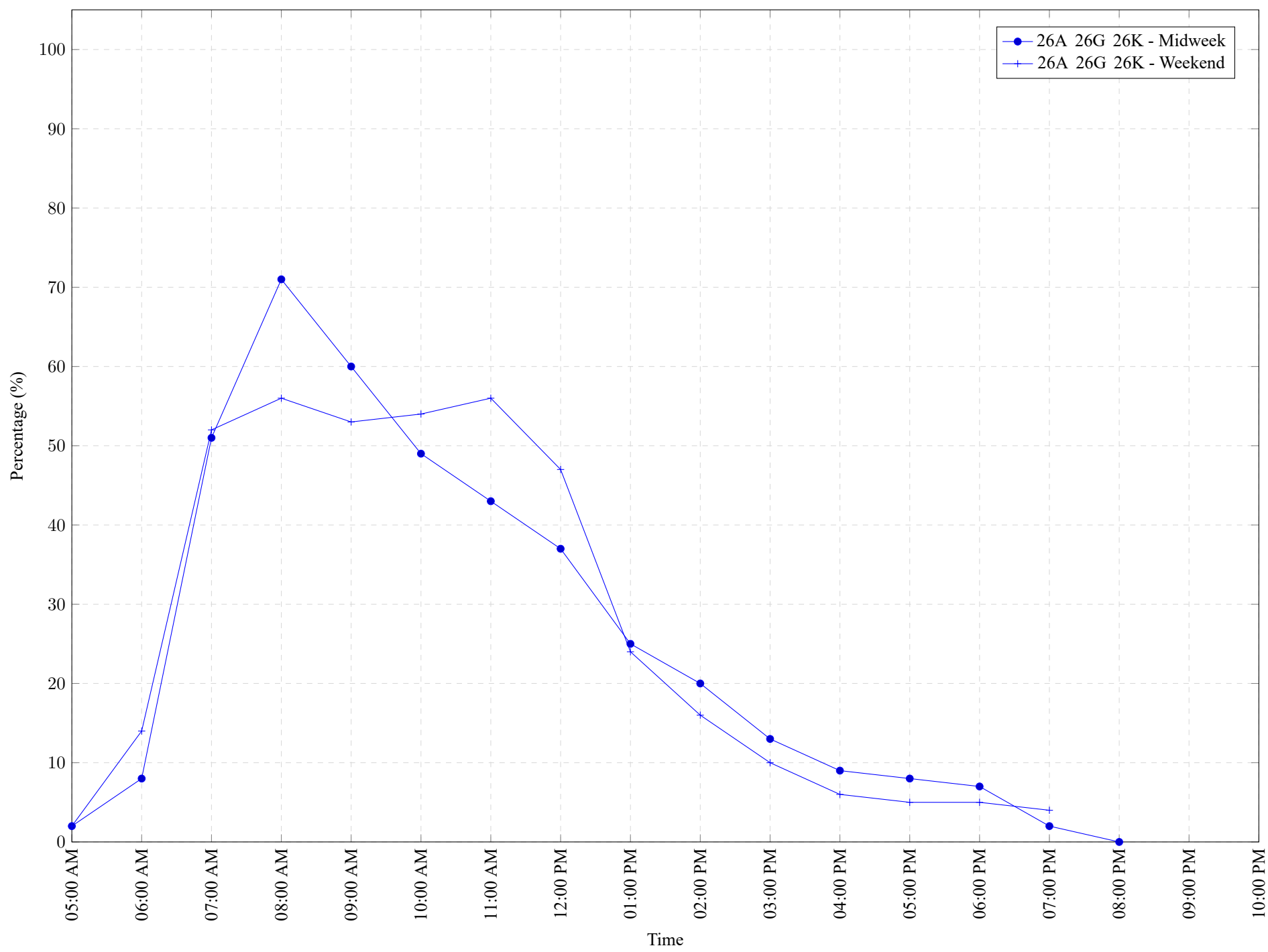


Table 7: Proportion of each day's fishing by hour.

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	26G	26K	Midweek	8%	51%	71%	60%	49%	43%	37%	25%	20%	13%	9%	8%	7%	2%	0%	0%	0%
26A	26G	26K	Weekend	14%	52%	56%	53%	54%	56%	47%	24%	16%	10%	6%	5%	5%	4%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina	Winter Harbour Ramp	Zeballos
29 Jul 2022	Midweek			
30 Jul 2022	Weekend	calm/rippled		
31 Jul 2022	Weekend	calm/rippled	choppy	
01 Aug 2022	Weekend	calm/rippled		
02 Aug 2022	Midweek	calm/rippled		calm/rippled
03 Aug 2022	Midweek			
04 Aug 2022	Midweek			
05 Aug 2022	Midweek			calm/rippled
06 Aug 2022	Weekend			
07 Aug 2022	Weekend	calm/rippled		calm/rippled
08 Aug 2022	Midweek	calm/rippled		
09 Aug 2022	Midweek	calm/rippled		calm/rippled
10 Aug 2022	Midweek	frequent whitecaps		
11 Aug 2022	Midweek			
12 Aug 2022	Midweek			
13 Aug 2022	Weekend	calm/rippled		
14 Aug 2022	Weekend	calm/rippled		calm/rippled
15 Aug 2022	Midweek			
16 Aug 2022	Midweek			
17 Aug 2022	Midweek	calm/rippled		
18 Aug 2022	Midweek	calm/rippled		
19 Aug 2022	Midweek	calm/rippled		calm/rippled
20 Aug 2022	Weekend	calm/rippled		
21 Aug 2022	Weekend			
22 Aug 2022	Midweek			
23 Aug 2022	Midweek	calm/rippled		calm/rippled
24 Aug 2022	Midweek			
25 Aug 2022	Midweek			
26 Aug 2022	Midweek	calm/rippled		
27 Aug 2022	Weekend	calm/rippled		
28 Aug 2022	Weekend			
29 Aug 2022	Midweek			
30 Aug 2022	Midweek			
31 Aug 2022	Midweek			
01 Sep 2022	Midweek			
02 Sep 2022	Midweek	calm/rippled		
03 Sep 2022	Weekend			