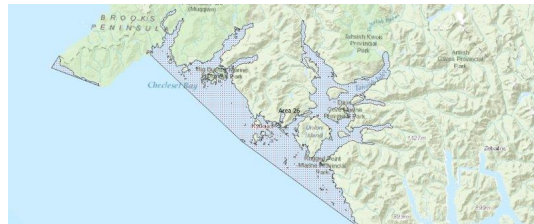


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 July 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
		MD	PM	AM	MD
28 Jun 2022	Midweek				
29 Jun 2022	Midweek	2			
30 Jun 2022	Midweek				
01 Jul 2022	Weekend				
02 Jul 2022	Weekend	2			
03 Jul 2022	Weekend				
04 Jul 2022	Midweek	1			2
05 Jul 2022	Midweek	1			3
06 Jul 2022	Midweek				
07 Jul 2022	Midweek				
08 Jul 2022	Midweek	4			2
09 Jul 2022	Weekend	3			4
10 Jul 2022	Weekend	2			
11 Jul 2022	Midweek		3		
12 Jul 2022	Midweek				
13 Jul 2022	Midweek				
14 Jul 2022	Midweek	1			
15 Jul 2022	Midweek		2		
16 Jul 2022	Weekend	4			
17 Jul 2022	Weekend				4
18 Jul 2022	Midweek				
19 Jul 2022	Midweek	6			
20 Jul 2022	Midweek	3			
21 Jul 2022	Midweek	6			
22 Jul 2022	Midweek				
23 Jul 2022	Weekend				
24 Jul 2022	Weekend				
25 Jul 2022	Midweek	2			
26 Jul 2022	Midweek				
27 Jul 2022	Midweek				
28 Jul 2022	Midweek				
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				

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-2022	Tuesday		7	20	3		1			
29-Jun-2022	Wednesday	calm/rippled	11	19	1		4			
30-Jun-2022	Thursday		11	10	1		3			
01-Jul-2022	Friday (Canada Day)		7	20	11		1			
02-Jul-2022	Saturday	choppy	15	33	13		1			
03-Jul-2022	Sunday		19	56	27					
04-Jul-2022	Monday	calm/rippled	18	58	11		2			
05-Jul-2022	Tuesday	calm/rippled	26	58	9		3			
06-Jul-2022	Wednesday		7	17	11			13	1044	28
07-Jul-2022	Thursday		12	20	11		2			
08-Jul-2022	Friday	calm/rippled	18	42	15					
09-Jul-2022	Saturday	calm/rippled	17	42	3			26	1115	54
10-Jul-2022	Sunday	choppy	15	28	5		4			
11-Jul-2022	Monday	choppy	18	22	8		4			
12-Jul-2022	Tuesday		32	40	39		1			
13-Jul-2022	Wednesday		27	64	57			18	1031	38
14-Jul-2022	Thursday	calm/rippled	30	40	35		2			
15-Jul-2022	Friday	frequent whitecaps	23	40	14					
16-Jul-2022	Saturday	calm/rippled	22	47	24		1			
17-Jul-2022	Sunday	calm/rippled	23	73	28		3	17	1050	35
18-Jul-2022	Monday		24	51	27		4			
19-Jul-2022	Tuesday	calm/rippled	12	33	28					
20-Jul-2022	Wednesday	choppy	16	32	32		2			
21-Jul-2022	Thursday	calm/rippled	20	40	24			0	1031	0
22-Jul-2022	Friday		4	14	3					
23-Jul-2022	Saturday		7	20	12			27	1020	55
24-Jul-2022	Sunday		11	23	7					
25-Jul-2022	Monday	calm/rippled	4	14	8					
26-Jul-2022	Tuesday		11	28	7					
27-Jul-2022	Wednesday		14	34	16			8	1110	18
28-Jul-2022	Thursday		11	23	18		1			
29-Jul-2022	Friday		15	40	20					
30-Jul-2022	Saturday	calm/rippled	27	68	38			46	1023	94
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	45
03-Aug-2022	Wednesday		2	4	4					
	Totals	calm/rippled	342	710	393		21	10*		21*
	Totals	calm/rippled	182	470	197		11	29*		60*

* 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	21	20	420	2.076	1.149		0.061	872	483		26
Weekend	60	11	660	2.582	1.082		0.06	1704	714		40

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	July	1095	1756	86		185
2018	July	1487	1929	642		201
2019	July	1199	1914	33		31
2020	July	1537	1714	4		62
2021	July	1284	2416	163		45
2022	July	1244	2811	1344		50
5-Yr Avg	July	1320	1946	186		105

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	92	7%	45%	381	28%	11%	41
Chinook	431	15%	41%	393	16%	45%	176

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	3334	74%

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

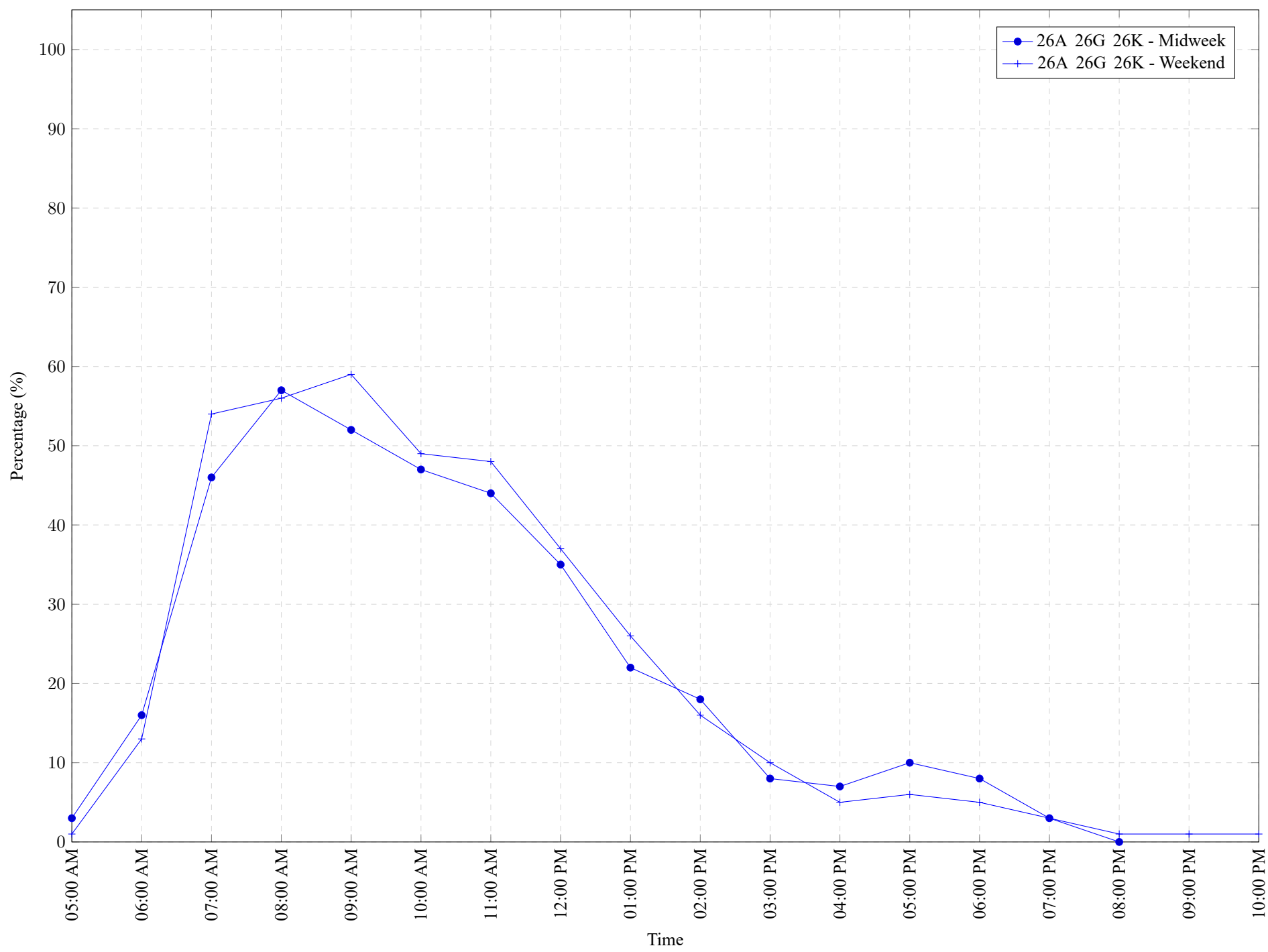


Table 7: Proportion of each day's fishing by hour.

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	16%	46%	57%	52%	47%	44%	35%	22%	18%	8%	7%	10%	8%	3%	0%	0%	0%
26A	26G	26K	Weekend	13%	54%	56%	59%	49%	48%	37%	26%	16%	10%	5%	6%	5%	3%	1%	1%	1%

Table 8: Daily Fishing Conditions.

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