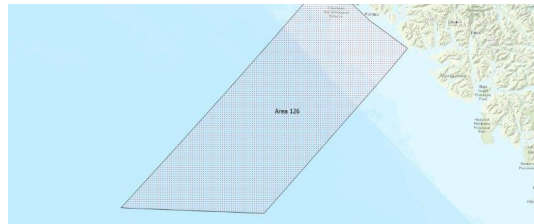


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 August 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th January, 2024



Fisheries and Oceans
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			Winter Harbour Ramp	Zeballos
		AM	MD	PM	PM	MD
29 Jul 2023	Weekend		9			1
30 Jul 2023	Weekend					
31 Jul 2023	Midweek					
01 Aug 2023	Midweek		9			
02 Aug 2023	Midweek		11			
03 Aug 2023	Midweek	1				
04 Aug 2023	Midweek					
05 Aug 2023	Weekend					
06 Aug 2023	Weekend					
07 Aug 2023	Weekend			3		
08 Aug 2023	Midweek					
09 Aug 2023	Midweek		2		1	
10 Aug 2023	Midweek					
11 Aug 2023	Midweek					
12 Aug 2023	Weekend					
13 Aug 2023	Weekend		1			
14 Aug 2023	Midweek					
15 Aug 2023	Midweek					
16 Aug 2023	Midweek					
17 Aug 2023	Midweek					
18 Aug 2023	Midweek					
19 Aug 2023	Weekend					
20 Aug 2023	Weekend					
21 Aug 2023	Midweek					
22 Aug 2023	Midweek					
23 Aug 2023	Midweek					
24 Aug 2023	Midweek			9		
25 Aug 2023	Midweek					
26 Aug 2023	Weekend		10			
27 Aug 2023	Weekend					
28 Aug 2023	Midweek					
29 Aug 2023	Midweek					
30 Aug 2023	Midweek					
31 Aug 2023	Midweek					
01 Sep 2023	Midweek					
02 Sep 2023	Weekend					
03 Sep 2023	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-2023	Saturday	calm/rippled	13	32	7		24	55	1000	79
30-Jul-2023	Sunday		0							
31-Jul-2023	Monday		5	6			5			
01-Aug-2023	Tuesday	calm/rippled	16	33	14		19			
02-Aug-2023	Wednesday	calm/rippled	16	52	1		20			
03-Aug-2023	Thursday	calm/rippled	30	49	6		29	58	1122	69
04-Aug-2023	Friday		18	14	3		15			
05-Aug-2023	Saturday		17	17			10			
06-Aug-2023	Sunday		19	7	2		19			
07-Aug-2023	Monday (B.C. Day)	choppy	17	30			13			
08-Aug-2023	Tuesday		1				3			
09-Aug-2023	Wednesday	calm/rippled	29	46	2		34	24	1002	29
10-Aug-2023	Thursday		16	19			10			
11-Aug-2023	Friday		3	2	1		5			
12-Aug-2023	Saturday		3	2	1		3			
13-Aug-2023	Sunday	choppy	2	9	3		3	21	0947	29
14-Aug-2023	Monday		3				6			
15-Aug-2023	Tuesday		2	6	4					
16-Aug-2023	Wednesday		2	3						
17-Aug-2023	Thursday		4				1			
18-Aug-2023	Friday		8				10			
19-Aug-2023	Saturday		23	32	2		5	17	1205	31
20-Aug-2023	Sunday		11	8	6		2			
21-Aug-2023	Monday		3	4	2		3			
22-Aug-2023	Tuesday		13	21	2		8			
23-Aug-2023	Wednesday		10	8			13			
24-Aug-2023	Thursday	calm/rippled	9	23	3		9			
25-Aug-2023	Friday		0					34	1001	40
26-Aug-2023	Saturday	calm/rippled	12	22	3		6	30	0948	42
27-Aug-2023	Sunday		0							
28-Aug-2023	Monday		0							
29-Aug-2023	Tuesday		0							
30-Aug-2023	Wednesday		0							
31-Aug-2023	Thursday		0							
01-Sep-2023	Friday		0							
02-Sep-2023	Saturday		0							
03-Sep-2023	Sunday		0							
	Totals	calm/rippled	183	280	38		185	39*		46*
	Totals	choppy	104	127	17		61	23*		34*

* 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	34	9	306	1.221	0.163		0.587	374	50		180
Midweek	46	22	1012	1.53	0.208		1.011	1548	210		1023

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	August	1073	1386	632	1	1587
2019	August	1110	1681	11		674
2020	August	1183	274	5		408
2021	August	396	16	10		386
2022	August	1273	59	61		906
2023	August	1215	1532	234		1059
5-Yr Avg	August	1007	683	144	1	792

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	193	82%	9%	488	37%	4%	18
Chinook	138	9%	25%	503	24%	7%	34

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	2587	73%

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

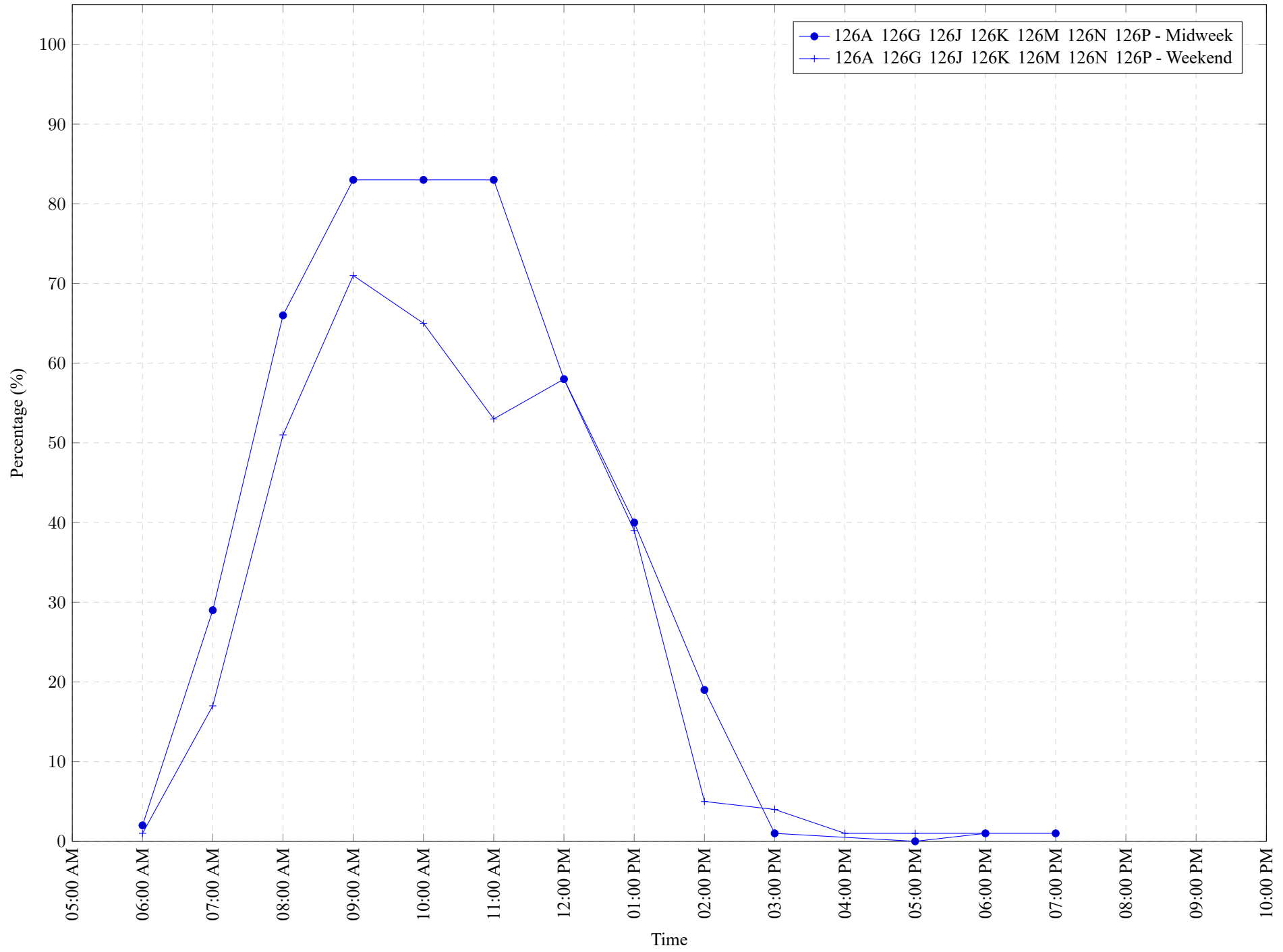


Table 7: Proportion of each day’s fishing by hour.

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
126A	126G	126J	126K	126M	126N	126P	Midweek	2%	29%	66%	83%	83%	83%	58%	40%	19%	1%	0%	0%	1%	1%	0%	0%	0%
126A	126G	126J	126K	126M	126N	126P	Weekend	1%	17%	51%	71%	65%	53%	58%	39%	5%	4%	1%	1%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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