

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 June 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th 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	PM	MD
29 May 2023	Midweek			
30 May 2023	Midweek			
31 May 2023	Midweek			
01 Jun 2023	Midweek			
02 Jun 2023	Midweek			
03 Jun 2023	Weekend			
04 Jun 2023	Weekend			
05 Jun 2023	Midweek			
06 Jun 2023	Midweek			
07 Jun 2023	Midweek			
08 Jun 2023	Midweek	1		
09 Jun 2023	Midweek			
10 Jun 2023	Weekend			
11 Jun 2023	Weekend			
12 Jun 2023	Midweek			
13 Jun 2023	Midweek			
14 Jun 2023	Midweek			
15 Jun 2023	Midweek		1	
16 Jun 2023	Midweek			
17 Jun 2023	Weekend			
18 Jun 2023	Weekend			
19 Jun 2023	Midweek			
20 Jun 2023	Midweek			1
21 Jun 2023	Midweek	2		
22 Jun 2023	Midweek		1	
23 Jun 2023	Midweek	2		
24 Jun 2023	Weekend			1
25 Jun 2023	Weekend			
26 Jun 2023	Midweek			
27 Jun 2023	Midweek			
28 Jun 2023	Midweek			
29 Jun 2023	Midweek	1		
30 Jun 2023	Midweek			
01 Jul 2023	Weekend	2		
02 Jul 2023	Weekend			
03 Jul 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-May-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0							
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday		0					1	0945	2
04-Jun-2023	Sunday		0							
05-Jun-2023	Monday		0							
06-Jun-2023	Tuesday		0							
07-Jun-2023	Wednesday		0					2	1003	5
08-Jun-2023	Thursday	frequent whitecaps	1				3			
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday		0							
11-Jun-2023	Sunday		0					3	0929	5
12-Jun-2023	Monday		1							
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday		0					0	1014	0
15-Jun-2023	Thursday	choppy	1							
16-Jun-2023	Friday		1							
17-Jun-2023	Saturday		0					3	1011	6
18-Jun-2023	Sunday		3				2			
19-Jun-2023	Monday		2							
20-Jun-2023	Tuesday	calm/rippled	3	1			2			
21-Jun-2023	Wednesday	calm/rippled	10				12			
22-Jun-2023	Thursday	calm/rippled	14				13	11	1001	22
23-Jun-2023	Friday	calm/rippled	19				16	5	0827	14
24-Jun-2023	Saturday	calm/rippled	5				6			
25-Jun-2023	Sunday		7				12	5	1017	10
26-Jun-2023	Monday		6				10			
27-Jun-2023	Tuesday		3				3			
28-Jun-2023	Wednesday		8				6			
29-Jun-2023	Thursday	calm/rippled	9				13			
30-Jun-2023	Friday		1				2	3	0822	8
01-Jul-2023	Saturday	choppy	8				14			
02-Jul-2023	Sunday		7				5			
03-Jul-2023	Monday (Canada Day)		4				6			
	Totals	calm/rippled	79	1			80	4*		10*
	Totals	calm/rippled	15				20	3*		6*

* 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	6	8	48				1.333				64
Midweek	10	22	220	0.013			1.013	3			223

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	229	49	10		48
2019	June	543	42	2		443
2020	June	14	3			14
2021	June	410	21	0	0	978
2022	June	493	4			395
2023	June	256	2			285
5-Yr Avg	June	338	24	4	0	376

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	326	73%

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

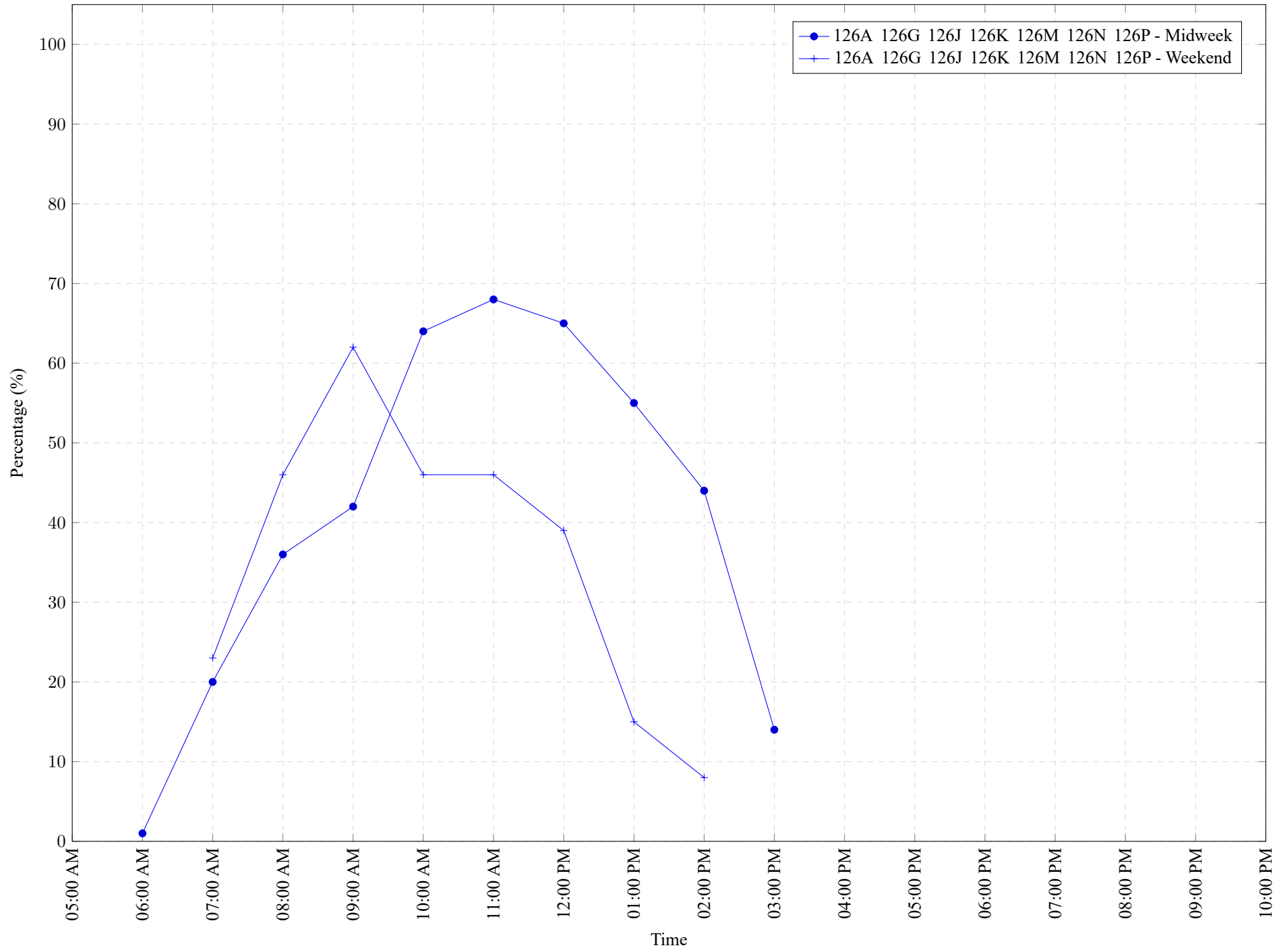


Table 7: Proportion of each day’s fishing by hour.

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	1%	20%	36%	42%	64%	68%	65%	55%	44%	14%	0%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	126M	126N	126P		Weekend	0%	23%	46%	62%	46%	46%	39%	15%	8%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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