

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 July 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 5th December, 2020



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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	
		MD	PM
28 Jun 2020	Weekend		
29 Jun 2020	Midweek		
30 Jun 2020	Midweek		
01 Jul 2020	Weekend		
02 Jul 2020	Midweek		
03 Jul 2020	Midweek		
04 Jul 2020	Weekend	4	
05 Jul 2020	Weekend	3	
06 Jul 2020	Midweek		2
07 Jul 2020	Midweek		
08 Jul 2020	Midweek		
09 Jul 2020	Midweek		
10 Jul 2020	Midweek		
11 Jul 2020	Weekend		
12 Jul 2020	Weekend		
13 Jul 2020	Midweek	3	
14 Jul 2020	Midweek		
15 Jul 2020	Midweek		
16 Jul 2020	Midweek	2	
17 Jul 2020	Midweek		1
18 Jul 2020	Weekend		
19 Jul 2020	Weekend		
20 Jul 2020	Midweek		
21 Jul 2020	Midweek		
22 Jul 2020	Midweek		
23 Jul 2020	Midweek		
24 Jul 2020	Midweek	1	
25 Jul 2020	Weekend		
26 Jul 2020	Weekend		6
27 Jul 2020	Midweek	1	
28 Jul 2020	Midweek		
29 Jul 2020	Midweek	3	
30 Jul 2020	Midweek		
31 Jul 2020	Midweek		
01 Aug 2020	Weekend	5	
02 Aug 2020	Weekend		
03 Aug 2020	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
28-Jun-2020	Sunday		0					0	1001	0
29-Jun-2020	Monday		0							
30-Jun-2020	Tuesday		0							
01-Jul-2020	Wednesday (Canada Day)		0							
02-Jul-2020	Thursday		0							
03-Jul-2020	Friday		0							
04-Jul-2020	Saturday	calm/rippled	4				15			
05-Jul-2020	Sunday	choppy	4				15	19	1008	32
06-Jul-2020	Monday	choppy	3				10	14	1001	26
07-Jul-2020	Tuesday		0							
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday		1							
10-Jul-2020	Friday		0							
11-Jul-2020	Saturday		0							
12-Jul-2020	Sunday		0					5	1025	13
13-Jul-2020	Monday	calm/rippled	3				11			
14-Jul-2020	Tuesday		1				1			
15-Jul-2020	Wednesday		1	3						
16-Jul-2020	Thursday	calm/rippled	3	3			4			
17-Jul-2020	Friday	calm/rippled	1				4	5	1014	10
18-Jul-2020	Saturday		0					0	0850	0
19-Jul-2020	Sunday		1	4						
20-Jul-2020	Monday		1				1	6	0952	12
21-Jul-2020	Tuesday		1							
22-Jul-2020	Wednesday		3	10			2			
23-Jul-2020	Thursday		5	16						
24-Jul-2020	Friday	calm/rippled	2				1			
25-Jul-2020	Saturday		0					11	0844	22
26-Jul-2020	Sunday	calm/rippled	6	2			15	8	1050	13
27-Jul-2020	Monday	calm/rippled	1	2				2	0844	6
28-Jul-2020	Tuesday		0							
29-Jul-2020	Wednesday	choppy	3	6	1		5			
30-Jul-2020	Thursday		0							
31-Jul-2020	Friday		2	8						
01-Aug-2020	Saturday	choppy	6	10			4	0	0838	0
02-Aug-2020	Sunday		0					0	0952	0
03-Aug-2020	Monday (B.C. Day)		0							
	Totals	calm/rippled	31	48	1		39	7*		14*
	Totals	calm/rippled	15	6			45	9*		16*

* 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	14	22	308	1.5480	0.0320		1.2580	477	10		387
Weekend	16	9	144	0.40			3	58			432

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	781	2400	141		1121
2016	July	687	2012	36		919
2017	July	1083	3663	196		1841
2018	July	497	1509	142		707
2019	July	1677	644	13		1557
2020	July	324	133	2		491
5-Yr Avg	July	945	2046	106		1229

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
Creel Interivews	26	88%
iRec Anglers	715	44%

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

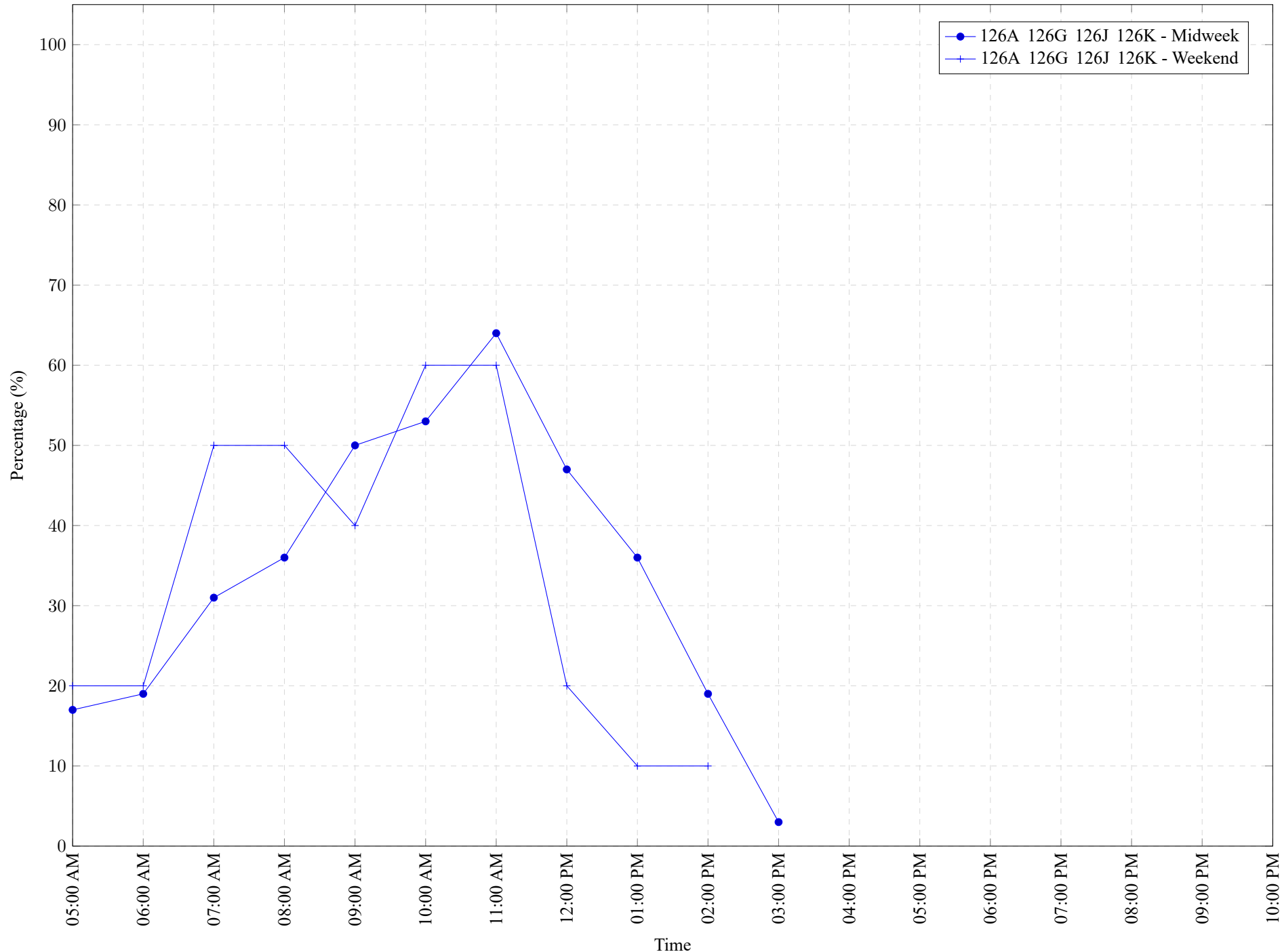


Table 7: Proportion of each day's fishing by hour.

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	Midweek	19%	31%	36%	50%	53%	64%	47%	36%	19%	3%	0%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	Weekend	20%	50%	50%	40%	60%	60%	20%	10%	10%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina
28 Jun 2020	Weekend	
29 Jun 2020	Midweek	
30 Jun 2020	Midweek	
01 Jul 2020	Weekend	
02 Jul 2020	Midweek	
03 Jul 2020	Midweek	
04 Jul 2020	Weekend	calm/rippled
05 Jul 2020	Weekend	choppy
06 Jul 2020	Midweek	choppy
07 Jul 2020	Midweek	
08 Jul 2020	Midweek	
09 Jul 2020	Midweek	
10 Jul 2020	Midweek	
11 Jul 2020	Weekend	
12 Jul 2020	Weekend	
13 Jul 2020	Midweek	calm/rippled
14 Jul 2020	Midweek	
15 Jul 2020	Midweek	
16 Jul 2020	Midweek	calm/rippled
17 Jul 2020	Midweek	calm/rippled
18 Jul 2020	Weekend	
19 Jul 2020	Weekend	
20 Jul 2020	Midweek	
21 Jul 2020	Midweek	
22 Jul 2020	Midweek	
23 Jul 2020	Midweek	
24 Jul 2020	Midweek	calm/rippled
25 Jul 2020	Weekend	
26 Jul 2020	Weekend	calm/rippled
27 Jul 2020	Midweek	calm/rippled
28 Jul 2020	Midweek	
29 Jul 2020	Midweek	choppy
30 Jul 2020	Midweek	
31 Jul 2020	Midweek	
01 Aug 2020	Weekend	choppy
02 Aug 2020	Weekend	
03 Aug 2020	Weekend	