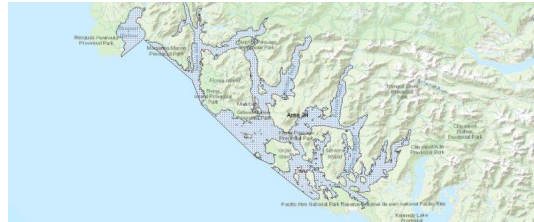


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 September 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	Method Marine		Tofino Resort and Marina
		AM	MD	MD
29 Aug 2019	Midweek			
30 Aug 2019	Midweek			13
31 Aug 2019	Weekend	1		
01 Sep 2019	Weekend			
02 Sep 2019	Weekend			
03 Sep 2019	Midweek			6
04 Sep 2019	Midweek		1	
05 Sep 2019	Midweek			
06 Sep 2019	Midweek			8
07 Sep 2019	Weekend			4
08 Sep 2019	Weekend			
09 Sep 2019	Midweek			
10 Sep 2019	Midweek			
11 Sep 2019	Midweek			
12 Sep 2019	Midweek			6
13 Sep 2019	Midweek			
14 Sep 2019	Weekend			9
15 Sep 2019	Weekend			
16 Sep 2019	Midweek			
17 Sep 2019	Midweek			
18 Sep 2019	Midweek			
19 Sep 2019	Midweek			
20 Sep 2019	Midweek			
21 Sep 2019	Weekend			
22 Sep 2019	Weekend			
23 Sep 2019	Midweek			
24 Sep 2019	Midweek			
25 Sep 2019	Midweek			
26 Sep 2019	Midweek			
27 Sep 2019	Midweek			
28 Sep 2019	Weekend			
29 Sep 2019	Weekend			
30 Sep 2019	Midweek			
01 Oct 2019	Midweek			
02 Oct 2019	Midweek			
03 Oct 2019	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
29-Aug-2019	Thursday		0					3	1039	3
30-Aug-2019	Friday	choppy	13	6	20					
31-Aug-2019	Saturday	choppy	1		3			0	1048	0
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday	calm/rippled	6	1	13					
04-Sep-2019	Wednesday	calm/rippled	1							
05-Sep-2019	Thursday		0							
06-Sep-2019	Friday	calm/rippled	8		19					
07-Sep-2019	Saturday	calm/rippled	4		10			9	1055	11
08-Sep-2019	Sunday		0							
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0					4	1031	4
12-Sep-2019	Thursday	large swells	6		4					
13-Sep-2019	Friday		0							
14-Sep-2019	Saturday	choppy	9	1	15					
15-Sep-2019	Sunday		0							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0					5	1001	6
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0					2	0906	3
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0							
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0							
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0							
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals	choppy	21	1	36			5*		5*
	Totals	choppy	13	1	25			6*		7*

* 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	7	10	70	0.0770	1.9230			5	135		
Midweek	5	20	100	0.0480	1.7140			5	171		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	3	1	9		2
2015	September	79	2	103		5
2016	September	100	50	117		2
2017	September	253	226	263		
2018	September	322	86	205		
2019	September	126	14	125		0
5-Yr Avg	September	151	73	139		3

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	2	2%	50%	46	18%	2%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	86	85%
iRec Anglers	393	33%
iRec Responses	17	6%

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

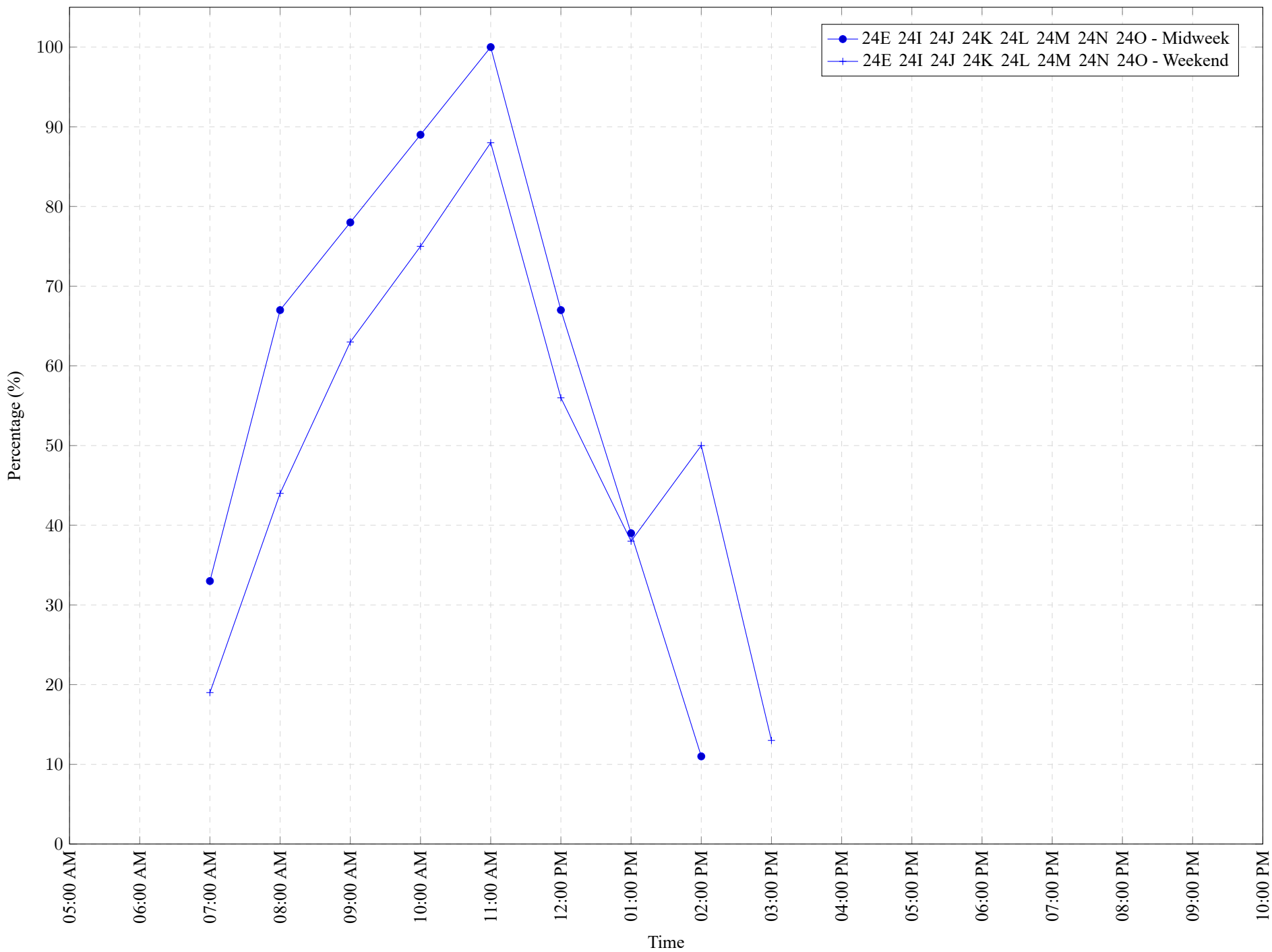


Table 7: Proportion of each day’s fishing by hour.

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
24E	24I	24J	24K	24L	24M	24N	24O	Midweek	0%	33%	67%	78%	89%	100%	67%	39%	11%	0%	0%	0%	0%	0%	0%	0%	0%
24E	24I	24J	24K	24L	24M	24N	24O	Weekend	0%	19%	44%	63%	75%	88%	56%	38%	50%	13%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Method Marine	Tofino Resort and Marina
29 Aug 2019	Midweek		
30 Aug 2019	Midweek		choppy
31 Aug 2019	Weekend	choppy	
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		calm/rippled
04 Sep 2019	Midweek	calm/rippled	
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		calm/rippled
07 Sep 2019	Weekend		calm/rippled
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		large swells
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		choppy
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		