

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 September 2020



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th February, 2021



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Tofino Resort and Marina	
		AM	MD
29 Aug 2020	Weekend		20
30 Aug 2020	Weekend		
31 Aug 2020	Midweek		
01 Sep 2020	Midweek		
02 Sep 2020	Midweek		16
03 Sep 2020	Midweek		
04 Sep 2020	Midweek		
05 Sep 2020	Weekend		11
06 Sep 2020	Weekend		
07 Sep 2020	Weekend	2	
08 Sep 2020	Midweek		
09 Sep 2020	Midweek		
10 Sep 2020	Midweek		
11 Sep 2020	Midweek		11
12 Sep 2020	Weekend		
13 Sep 2020	Weekend	4	
14 Sep 2020	Midweek		
15 Sep 2020	Midweek		
16 Sep 2020	Midweek		
17 Sep 2020	Midweek		
18 Sep 2020	Midweek		
19 Sep 2020	Weekend		
20 Sep 2020	Weekend		
21 Sep 2020	Midweek		
22 Sep 2020	Midweek		
23 Sep 2020	Midweek		
24 Sep 2020	Midweek		
25 Sep 2020	Midweek		
26 Sep 2020	Weekend		
27 Sep 2020	Weekend		
28 Sep 2020	Midweek		
29 Sep 2020	Midweek		
30 Sep 2020	Midweek		
01 Oct 2020	Midweek		
02 Oct 2020	Midweek		
03 Oct 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
29-Aug-2020	Saturday	frequent whitecaps	20	4	8			19	1110	24
30-Aug-2020	Sunday		0							
31-Aug-2020	Monday		0					9	0954	12
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday	choppy	16	4	3		2			
03-Sep-2020	Thursday		0					9	1133	9
04-Sep-2020	Friday		0							
05-Sep-2020	Saturday	calm/rippled	11	2				13	1137	16
06-Sep-2020	Sunday		0							
07-Sep-2020	Monday (Labour Day)	choppy	2	1	1					
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday		0							
10-Sep-2020	Thursday		0					1	1040	1
11-Sep-2020	Friday	calm/rippled	11		3		2			
12-Sep-2020	Saturday		0							
13-Sep-2020	Sunday	calm/rippled	4		5					
14-Sep-2020	Monday		0							
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0							
17-Sep-2020	Thursday		0					6	1017	6
18-Sep-2020	Friday		0							
19-Sep-2020	Saturday		0							
20-Sep-2020	Sunday		0							
21-Sep-2020	Monday		0					5	1122	5
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday		0					17	1122	20
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday		0							
29-Sep-2020	Tuesday		0							
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday		0							
03-Oct-2020	Saturday		0							
	Totals	choppy	27	4	6		4	5*		5*
	Totals	calm/rippled	17	3	6			15*		18*

* 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	18	9	162	0.1760	0.3530			29	57		
Midweek	5	21	105	0.1480	0.2220		0.1480	16	23		16

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2020	September	146	33	28		10
5-Yr Avg	September	176	76	163		2

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
Chinook	5	15%	20%	11	35%	9%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	45	98%
iRec Anglers	615	44%

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

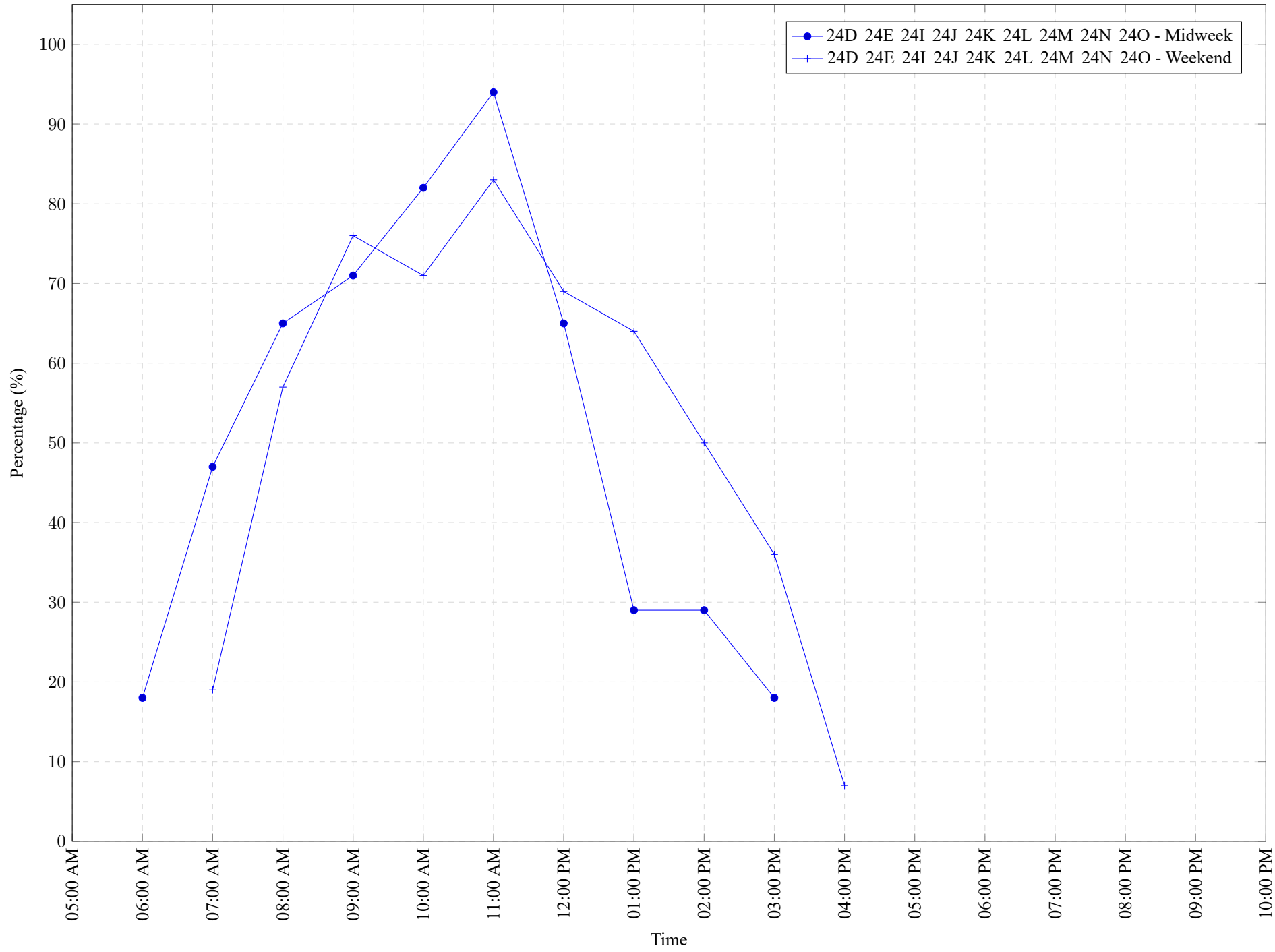


Table 7: Proportion of each day’s fishing by hour.

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
24D	24E	24I	24J	24K	24L	24M	24N	24O		Midweek	18%	47%	65%	71%	82%	94%	65%	29%	29%	18%	0%	0%	0%	0%	0%	0%	0%
24D	24E	24I	24J	24K	24L	24M	24N	24O		Weekend	0%	19%	57%	76%	71%	83%	69%	64%	50%	36%	7%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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