

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 24 August 2019



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



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	Fourth Street Dock			Method Marine			Tofino Resort and Marina			Ucluelet Gov Dock MD
		AM	MD	PM	AM	MD	PM	AM	MD	PM	
29 Jul 2019	Midweek										
30 Jul 2019	Midweek										
31 Jul 2019	Midweek										
01 Aug 2019	Midweek				4						
02 Aug 2019	Midweek										
03 Aug 2019	Weekend										1
04 Aug 2019	Weekend								15		
05 Aug 2019	Weekend			8							
06 Aug 2019	Midweek					5					
07 Aug 2019	Midweek								27		
08 Aug 2019	Midweek								25		
09 Aug 2019	Midweek						7				
10 Aug 2019	Weekend							23			
11 Aug 2019	Weekend	3									
12 Aug 2019	Midweek										
13 Aug 2019	Midweek								21		
14 Aug 2019	Midweek				6						
15 Aug 2019	Midweek									21	
16 Aug 2019	Midweek	3									
17 Aug 2019	Weekend										
18 Aug 2019	Weekend					5					
19 Aug 2019	Midweek		9								
20 Aug 2019	Midweek								18		
21 Aug 2019	Midweek										
22 Aug 2019	Midweek										
23 Aug 2019	Midweek							7			
24 Aug 2019	Weekend								14		
25 Aug 2019	Weekend										
26 Aug 2019	Midweek									24	
27 Aug 2019	Midweek										
28 Aug 2019	Midweek			6							
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		

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-2019	Monday		0							
30-Jul-2019	Tuesday		0					26	1031	37
31-Jul-2019	Wednesday		0							
01-Aug-2019	Thursday	calm/rippled	4		8					
02-Aug-2019	Friday		0							
03-Aug-2019	Saturday	calm/rippled	1		3					
04-Aug-2019	Sunday	calm/rippled	15	27	42			25	1030	37
05-Aug-2019	Monday (B.C. Day)	calm/rippled	8		19					
06-Aug-2019	Tuesday	calm/rippled	5		11					
07-Aug-2019	Wednesday	calm/rippled	27	10	46	1	2			
08-Aug-2019	Thursday	calm/rippled	25	26	30			22	1115	37
09-Aug-2019	Friday	calm/rippled	7	9	6					
10-Aug-2019	Saturday	calm/rippled	23	38	31			27	1024	39
11-Aug-2019	Sunday	calm/rippled	3	6	2					
12-Aug-2019	Monday		1	7						
13-Aug-2019	Tuesday	calm/rippled	21	48	49	1				
14-Aug-2019	Wednesday	calm/rippled	6	13	6					
15-Aug-2019	Thursday	calm/rippled	21	38	21		2			
16-Aug-2019	Friday	choppy	3	2	2					
17-Aug-2019	Saturday		0							
18-Aug-2019	Sunday	calm/rippled	5	10	5					
19-Aug-2019	Monday	calm/rippled	9	11	7			26	1125	45
20-Aug-2019	Tuesday	choppy	18	17	5					
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday		0							
23-Aug-2019	Friday	calm/rippled	7	5	19					
24-Aug-2019	Saturday	calm/rippled	14	6	16			13	1147	17
25-Aug-2019	Sunday		0							
26-Aug-2019	Monday	calm/rippled	24	4	45					
27-Aug-2019	Tuesday		0							
28-Aug-2019	Wednesday	calm/rippled	6	4	8					
29-Aug-2019	Thursday		0					3	1039	4
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					
	Totals	calm/rippled	197	200	283	2	4	17*		29*
	Totals	calm/rippled	70	87	121			16*		23*

\* 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	23	10	230	1.2430	1.7290			286	398		
Midweek	29	21	609	1.0150	1.4370	0.01	0.02	618	875	6	12

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	275	91	342	1	15
2015	August	144	72	118		25
2016	August	191	116	145		72
2017	August	478	455	196	20	40
2018	August	1006	1882	558		18
2019	August	1104	1246	707	7	11
5-Yr Avg	August	419	523	272	11	34

**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	79	12%	19%	57	6%	26%	15
Chinook	111	10%	12%	96	20%	14%	13

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	650	78%
iRec Anglers	1454	91%
iRec Responses	48	6%

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

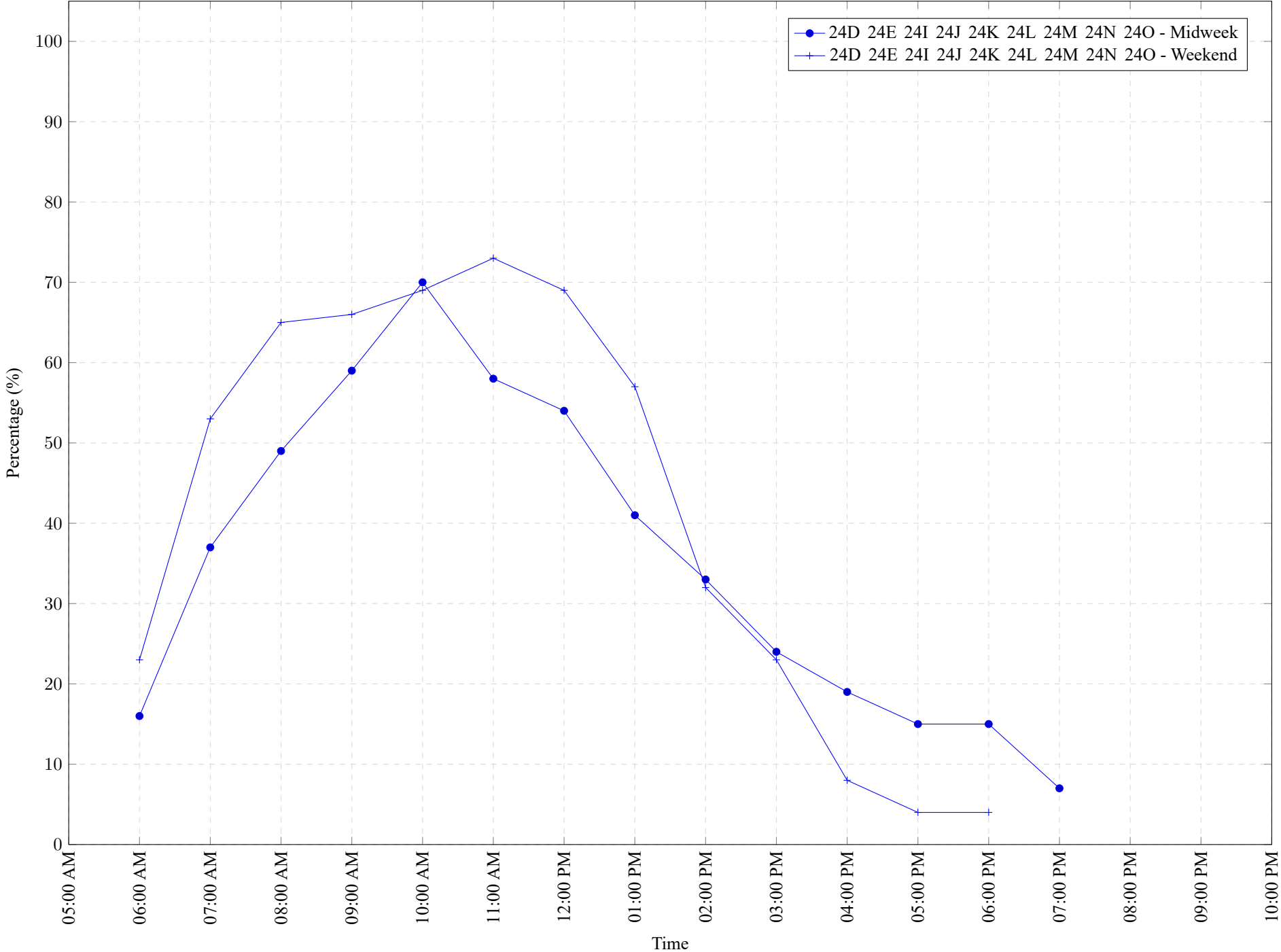


Table 7: Proportion of each day’s fishing by hour.

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
24D	24E	24I	24J	24K	24L	24M	24N	24O		Midweek	16%	37%	49%	59%	70%	58%	54%	41%	33%	24%	19%	15%	15%	7%	0%	0%	0%
24D	24E	24I	24J	24K	24L	24M	24N	24O		Weekend	23%	53%	65%	66%	69%	73%	69%	57%	32%	23%	8%	4%	4%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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