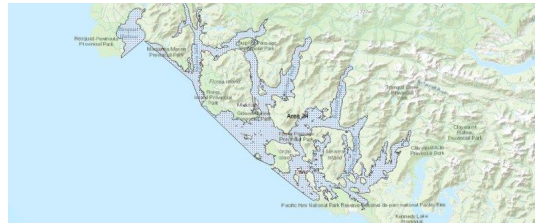


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th 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
		AM	MD	MD	AM	MD	PM	MD
29 May 2019	Midweek							
30 May 2019	Midweek							
31 May 2019	Midweek							
01 Jun 2019	Weekend							
02 Jun 2019	Weekend							
03 Jun 2019	Midweek							
04 Jun 2019	Midweek							
05 Jun 2019	Midweek						5	
06 Jun 2019	Midweek							
07 Jun 2019	Midweek					3		
08 Jun 2019	Weekend							1
09 Jun 2019	Weekend						3	
10 Jun 2019	Midweek							
11 Jun 2019	Midweek							
12 Jun 2019	Midweek					12		
13 Jun 2019	Midweek							
14 Jun 2019	Midweek				3			1
15 Jun 2019	Weekend					16		
16 Jun 2019	Weekend							
17 Jun 2019	Midweek						8	
18 Jun 2019	Midweek							
19 Jun 2019	Midweek							
20 Jun 2019	Midweek					16		
21 Jun 2019	Midweek	1						
22 Jun 2019	Weekend					22		
23 Jun 2019	Weekend							
24 Jun 2019	Midweek							
25 Jun 2019	Midweek							
26 Jun 2019	Midweek							
27 Jun 2019	Midweek							
28 Jun 2019	Midweek					10		
29 Jun 2019	Weekend				6			
30 Jun 2019	Weekend							
01 Jul 2019	Weekend					14		
02 Jul 2019	Midweek			2				
03 Jul 2019	Midweek		3					

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-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		0							
02-Jun-2019	Sunday		0					6	1122	11
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0					0	1024	0
05-Jun-2019	Wednesday	calm/rippled	5							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday	calm/rippled	3							
08-Jun-2019	Saturday	choppy	1				2	4	1030	8
09-Jun-2019	Sunday	calm/rippled	3	3	1					
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday	calm/rippled	12	10	1		1	1	1023	1
13-Jun-2019	Thursday		0							
14-Jun-2019	Friday	calm/rippled	4	1			3			
15-Jun-2019	Saturday	calm/rippled	16	2			4	3	0850	8
16-Jun-2019	Sunday		0							
17-Jun-2019	Monday	calm/rippled	8	10			2			
18-Jun-2019	Tuesday		0					7	1033	8
19-Jun-2019	Wednesday		0							
20-Jun-2019	Thursday	calm/rippled	16	10	1		1			
21-Jun-2019	Friday	calm/rippled	1							
22-Jun-2019	Saturday	calm/rippled	23	24	4			19	1140	36
23-Jun-2019	Sunday		1	1						
24-Jun-2019	Monday		2	2				9	1032	11
25-Jun-2019	Tuesday		1	2						
26-Jun-2019	Wednesday		0							
27-Jun-2019	Thursday		1	1						
28-Jun-2019	Friday	calm/rippled	10	17						
29-Jun-2019	Saturday	calm/rippled	7	20	6			17	1014	38
30-Jun-2019	Sunday		1	7	2					
01-Jul-2019	Monday (Canada Day)	calm/rippled	15	17	2					
02-Jul-2019	Tuesday	calm/rippled	3	4	3					
03-Jul-2019	Wednesday	calm/rippled	6	5	2			4	0928	5
	Totals	calm/rippled	63	53	2		7	4*		5*
	Totals	calm/rippled	52	57	13		6	10*		20*

* 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	5	20	100	0.8410	0.0320		0.1110	84	3		11
Weekend	20	10	200	1.0960	0.25		0.1150	219	50		23

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	305	897	418		61
2015	June	136	278	28		23
2016	June	176	162	19		54
2017	June	479	808	98		64
2018	June	343	436	38		35
2019	June	327	324	33		32
5-Yr Avg	June	288	516	120		47

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	154	48%	13%	68	61%	29%	20

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	182	89%
iRec Anglers	146	76%
iRec Responses	7	0%

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

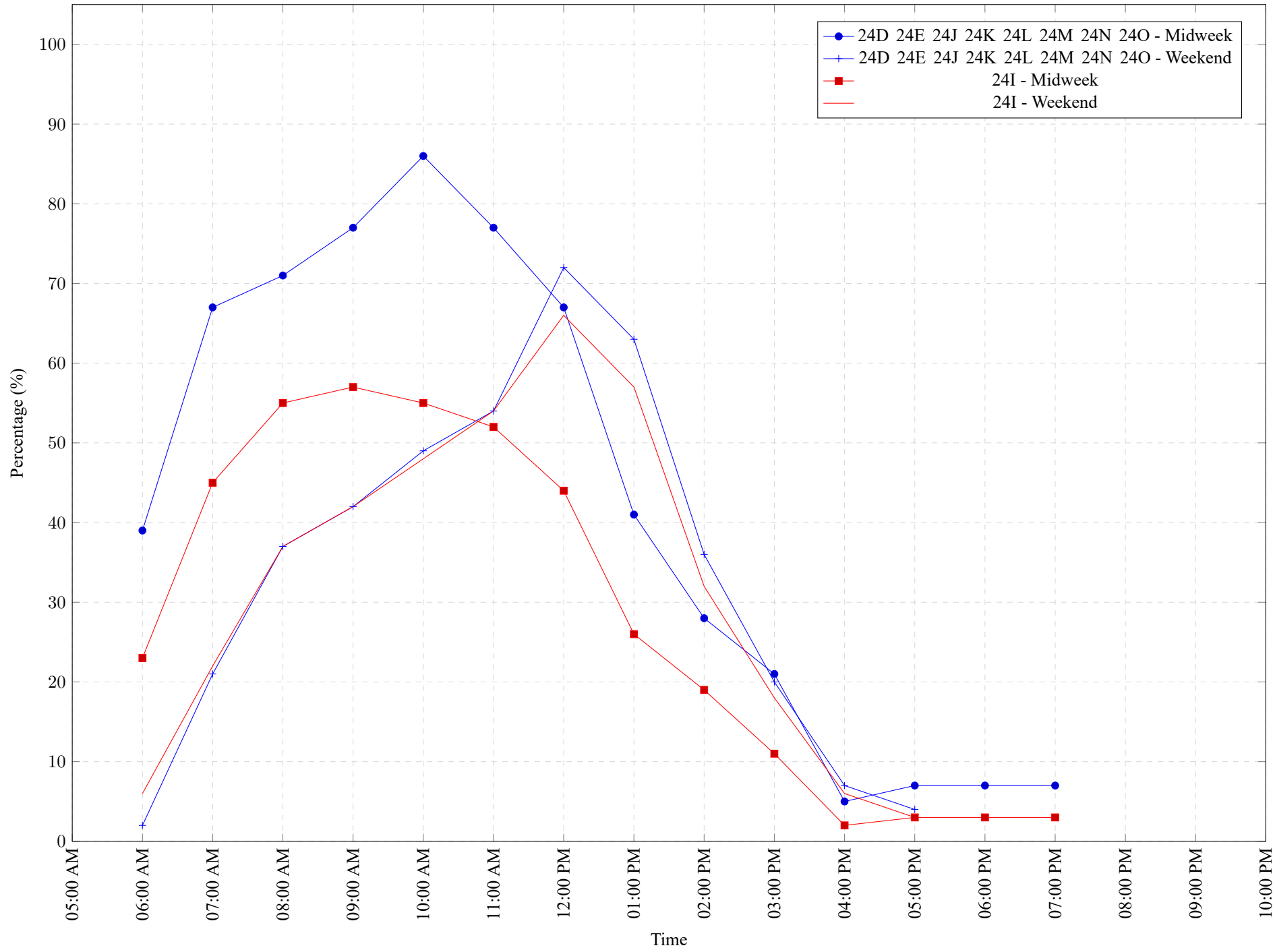


Table 7: Proportion of each day's fishing by hour.

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	24J	24K	24L	24M	24N	24O	Midweek	39%	67%	71%	77%	86%	77%	67%	41%	28%	21%	5%	7%	7%	7%	0%	0%	0%
24D	24E	24J	24K	24L	24M	24N	24O	Weekend	2%	21%	37%	42%	49%	54%	72%	63%	36%	20%	7%	4%	0%	0%	0%	0%	0%
24I								Midweek	23%	45%	55%	57%	55%	52%	44%	26%	19%	11%	2%	3%	3%	3%	0%	0%	0%
24I								Weekend	6%	22%	37%	42%	48%	54%	66%	57%	32%	18%	6%	3%	0%	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 May 2019	Midweek				
30 May 2019	Midweek				
31 May 2019	Midweek				
01 Jun 2019	Weekend				
02 Jun 2019	Weekend				
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek			calm/rippled	
06 Jun 2019	Midweek				
07 Jun 2019	Midweek			calm/rippled	
08 Jun 2019	Weekend				choppy
09 Jun 2019	Weekend			calm/rippled	
10 Jun 2019	Midweek				
11 Jun 2019	Midweek				
12 Jun 2019	Midweek			calm/rippled	
13 Jun 2019	Midweek				
14 Jun 2019	Midweek			calm/rippled	choppy
15 Jun 2019	Weekend			calm/rippled	
16 Jun 2019	Weekend				
17 Jun 2019	Midweek			calm/rippled	
18 Jun 2019	Midweek				
19 Jun 2019	Midweek				
20 Jun 2019	Midweek			calm/rippled	
21 Jun 2019	Midweek	calm/rippled			
22 Jun 2019	Weekend			calm/rippled	
23 Jun 2019	Weekend				
24 Jun 2019	Midweek				
25 Jun 2019	Midweek				
26 Jun 2019	Midweek				
27 Jun 2019	Midweek				
28 Jun 2019	Midweek			calm/rippled	
29 Jun 2019	Weekend			calm/rippled	
30 Jun 2019	Weekend				
01 Jul 2019	Weekend			calm/rippled	
02 Jul 2019	Midweek		calm/rippled		
03 Jul 2019	Midweek	calm/rippled			