

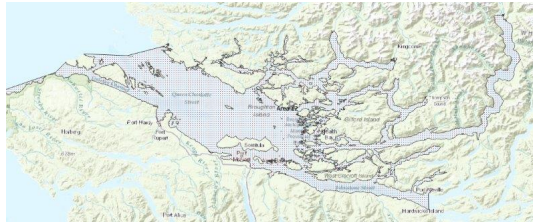
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

---

## Area 12 August 2020



---

*Prepared By:*  
South Coast Salmon Stock Assessment Section

Tuesday 16<sup>th</sup> February, 2021



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



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

Date	Day Type	Alder Bay Campsite		Bear Cove		Discovery Marina South PM	Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM		AM	PM	AM	PM	AM	PM
29 Jul 2020	Midweek							19				
30 Jul 2020	Midweek										31	
31 Jul 2020	Midweek				19							32
01 Aug 2020	Weekend				20						17	
02 Aug 2020	Weekend									6	22	
03 Aug 2020	Weekend									11		
04 Aug 2020	Midweek				16							
05 Aug 2020	Midweek									2		17
06 Aug 2020	Midweek					1	18					
07 Aug 2020	Midweek									8		8
08 Aug 2020	Weekend				17				6			28
09 Aug 2020	Weekend		23		23							
10 Aug 2020	Midweek				11							
11 Aug 2020	Midweek											
12 Aug 2020	Midweek						13					
13 Aug 2020	Midweek											20
14 Aug 2020	Midweek		15							4		
15 Aug 2020	Weekend	15								4		
16 Aug 2020	Weekend						22					
17 Aug 2020	Midweek			12					6			
18 Aug 2020	Midweek									12		
19 Aug 2020	Midweek										18	
20 Aug 2020	Midweek										12	
21 Aug 2020	Midweek		2									
22 Aug 2020	Weekend		19							5		
23 Aug 2020	Weekend			21							14	
24 Aug 2020	Midweek									6		
25 Aug 2020	Midweek				23				4			
26 Aug 2020	Midweek										20	
27 Aug 2020	Midweek	2										
28 Aug 2020	Midweek						10			2		
29 Aug 2020	Weekend						20					
30 Aug 2020	Weekend									7		8
31 Aug 2020	Midweek			7								
01 Sep 2020	Midweek											
02 Sep 2020	Midweek											
03 Sep 2020	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-Jul-2020	Wednesday	calm/rippled	19	2	10		6			
30-Jul-2020	Thursday	calm/rippled	31	10	19					
31-Jul-2020	Friday	calm/rippled	51	14	34		6			
01-Aug-2020	Saturday	calm/rippled	37	8	14		10	143	1031	201
02-Aug-2020	Sunday	frequent whitecaps	28	14	8					
03-Aug-2020	Monday (B.C. Day)	calm/rippled	11	4	7					
04-Aug-2020	Tuesday	calm/rippled	16	9	4		3			
05-Aug-2020	Wednesday	choppy	19	6	2			71	1022	95
06-Aug-2020	Thursday	choppy	19	3	2		11			
07-Aug-2020	Friday	frequent whitecaps	16	2	3					
08-Aug-2020	Saturday	choppy	51	13	15		1			
09-Aug-2020	Sunday	calm/rippled	46	7	11		5			
10-Aug-2020	Monday	choppy	11	4	6					
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday	calm/rippled	13	7	2		5			
13-Aug-2020	Thursday	choppy	20	16	7		4	121	1034	164
14-Aug-2020	Friday	calm/rippled	19	10	7		1			
15-Aug-2020	Saturday	calm/rippled	19	7	2		7	107	0950	161
16-Aug-2020	Sunday	calm/rippled	22	13	5		1			
17-Aug-2020	Monday	calm/rippled	18	5	3		2			
18-Aug-2020	Tuesday	calm/rippled	12	8	1		3			
19-Aug-2020	Wednesday	choppy	18	12	5					
20-Aug-2020	Thursday	choppy	12	4	2					
21-Aug-2020	Friday	frequent whitecaps	2	1	1					
22-Aug-2020	Saturday	choppy	24	4	2		2	94	1107	132
23-Aug-2020	Sunday	calm/rippled	35	13	4		3			
24-Aug-2020	Monday	choppy	6		1		2	64	0940	88
25-Aug-2020	Tuesday	calm/rippled	27	5	5		6			
26-Aug-2020	Wednesday	calm/rippled	20	11	4		1	79	1004	107
27-Aug-2020	Thursday	choppy	2							
28-Aug-2020	Friday	choppy	12	5			5			
29-Aug-2020	Saturday	calm/rippled	20	5	3					
30-Aug-2020	Sunday	frequent whitecaps	15	1	2		3			
31-Aug-2020	Monday	calm/rippled	7		1		6			
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	choppy	269	108	56		49	84*		114*
	Totals	choppy	308	89	73		32	115*		165*

\* 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	114	20	2280	0.4010	0.2080		0.1820	914	474		415
Weekend	165	11	1815	0.2890	0.2370		0.1040	525	430		189

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	5637	3922	3548	13	1515
2016	August	5246	1892	1243	25	457
2017	August	5419	4225	679	67	255
2018	August	5876	2160	376	3646	227
2019	August	5027	2697	367	6	385
2020	August	4199	1400	767		846
5-Yr Avg	August	5441	2979	1243	751	568

**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	238	31%	13%	373	41%	8%	31
Chinook	78	6%	47%	179	9%	21%	37

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	638	7%
iRec Anglers	9980	6%

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

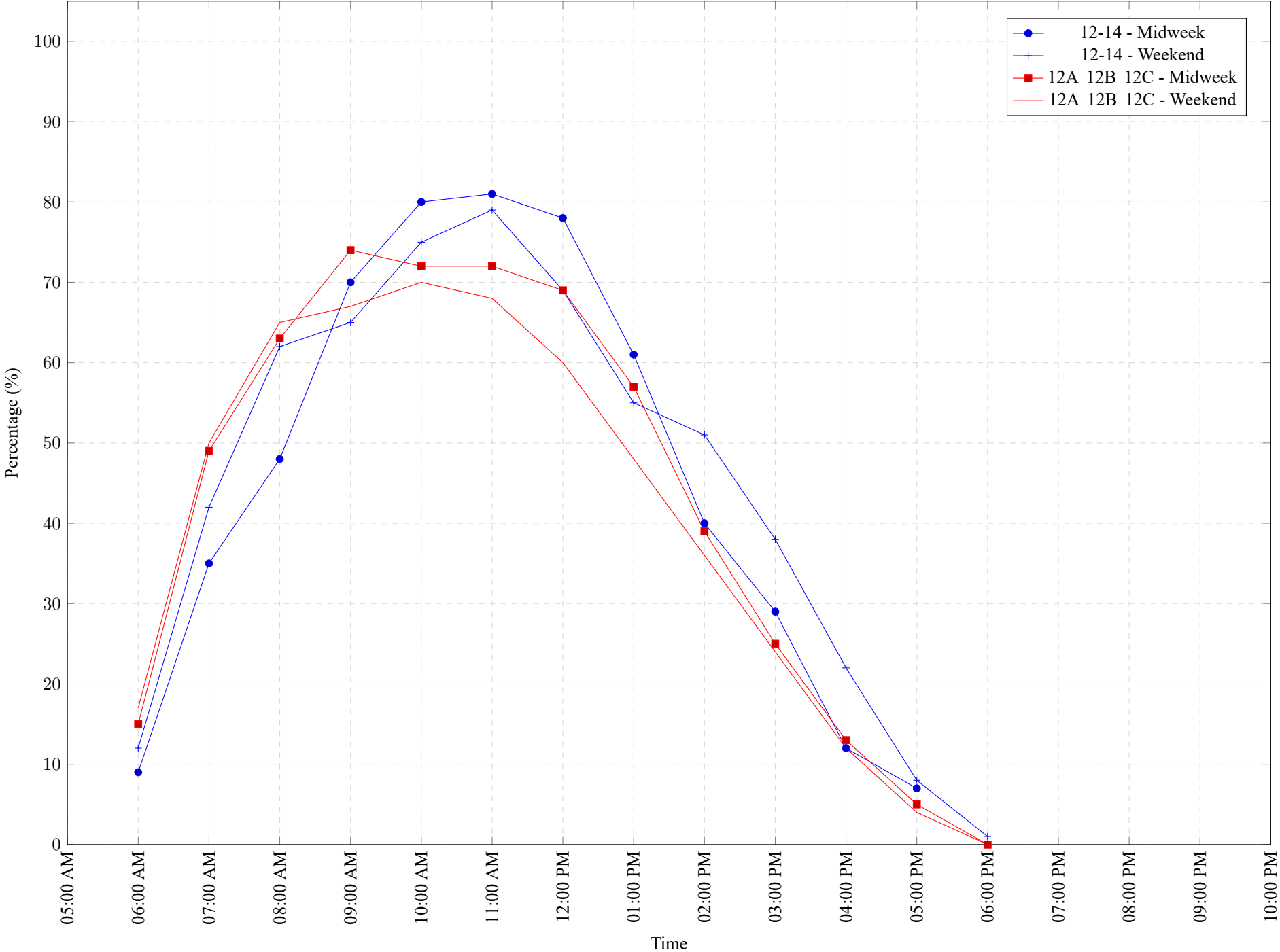


Table 7: Proportion of each day's fishing by hour.

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
12-14			Midweek	9%	35%	48%	70%	80%	81%	78%	61%	40%	29%	12%	7%	0%	0%	0%	0%	0%
12-14			Weekend	12%	42%	62%	65%	75%	79%	69%	55%	51%	38%	22%	8%	1%	0%	0%	0%	0%
12A	12B	12C	Midweek	15%	49%	63%	74%	72%	72%	69%	57%	39%	25%	13%	5%	0%	0%	0%	0%	0%
12A	12B	12C	Weekend	17%	50%	65%	67%	70%	68%	60%	48%	36%	24%	12%	4%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Alder Bay Campsite	Bear Cove	Discovery Marina South	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 Jul 2020	Midweek				calm/rippled		
30 Jul 2020	Midweek						calm/rippled
31 Jul 2020	Midweek		calm/rippled				calm/rippled
01 Aug 2020	Weekend		calm/rippled				calm/rippled
02 Aug 2020	Weekend					choppy	frequent whitecaps
03 Aug 2020	Weekend					calm/rippled	
04 Aug 2020	Midweek		calm/rippled				
05 Aug 2020	Midweek					frequent whitecaps	choppy
06 Aug 2020	Midweek			frequent whitecaps	choppy		
07 Aug 2020	Midweek					choppy	frequent whitecaps
08 Aug 2020	Weekend		choppy			calm/rippled	choppy
09 Aug 2020	Weekend	calm/rippled	calm/rippled				
10 Aug 2020	Midweek		choppy				
11 Aug 2020	Midweek						
12 Aug 2020	Midweek				calm/rippled		
13 Aug 2020	Midweek						choppy
14 Aug 2020	Midweek	calm/rippled				choppy	
15 Aug 2020	Weekend	calm/rippled				calm/rippled	
16 Aug 2020	Weekend				calm/rippled		
17 Aug 2020	Midweek		calm/rippled			calm/rippled	
18 Aug 2020	Midweek					calm/rippled	
19 Aug 2020	Midweek						choppy
20 Aug 2020	Midweek						choppy
21 Aug 2020	Midweek	frequent whitecaps					
22 Aug 2020	Weekend	choppy				calm/rippled	
23 Aug 2020	Weekend		calm/rippled				calm/rippled
24 Aug 2020	Midweek					choppy	
25 Aug 2020	Midweek		calm/rippled			calm/rippled	
26 Aug 2020	Midweek						calm/rippled
27 Aug 2020	Midweek	choppy					
28 Aug 2020	Midweek				choppy	choppy	
29 Aug 2020	Weekend				calm/rippled		
30 Aug 2020	Weekend					frequent whitecaps	frequent whitecaps
31 Aug 2020	Midweek		calm/rippled				
01 Sep 2020	Midweek						
02 Sep 2020	Midweek						
03 Sep 2020	Midweek						