

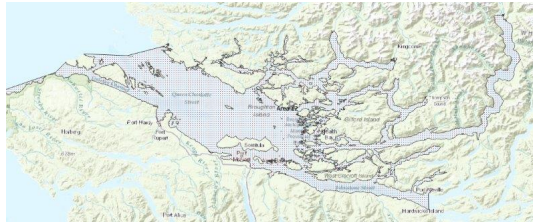
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 12 July 2020



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Saturday 13<sup>th</sup> 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	Alder Bay Campsite		Bear Cove		Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Jun 2020	Weekend								5		5
29 Jun 2020	Midweek				3						
30 Jun 2020	Midweek				1						
01 Jul 2020	Weekend										
02 Jul 2020	Midweek										3
03 Jul 2020	Midweek						3	5			
04 Jul 2020	Weekend				12	10					
05 Jul 2020	Weekend				12					7	
06 Jul 2020	Midweek								6		
07 Jul 2020	Midweek				3						
08 Jul 2020	Midweek										
09 Jul 2020	Midweek						12				
10 Jul 2020	Midweek										7
11 Jul 2020	Weekend								7		4
12 Jul 2020	Weekend								5		4
13 Jul 2020	Midweek			10							
14 Jul 2020	Midweek				10				12		
15 Jul 2020	Midweek									12	
16 Jul 2020	Midweek	13									
17 Jul 2020	Midweek		20	16							
18 Jul 2020	Weekend			21			18				
19 Jul 2020	Weekend				13			10		17	
20 Jul 2020	Midweek							9			
21 Jul 2020	Midweek			24							
22 Jul 2020	Midweek					8					
23 Jul 2020	Midweek									16	
24 Jul 2020	Midweek		20						7		
25 Jul 2020	Weekend				28		20				
26 Jul 2020	Weekend							9		19	
27 Jul 2020	Midweek			28							
28 Jul 2020	Midweek							8			
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			

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
28-Jun-2020	Sunday	choppy	10							
29-Jun-2020	Monday	choppy	3					22	1101	33
30-Jun-2020	Tuesday	frequent whitecaps	1							
01-Jul-2020	Wednesday (Canada Day)		0							
02-Jul-2020	Thursday	calm/rippled	3							
03-Jul-2020	Friday	choppy	8							
04-Jul-2020	Saturday	calm/rippled	22		5		15	46	0846	78
05-Jul-2020	Sunday	calm/rippled	19	1	12					
06-Jul-2020	Monday	calm/rippled	6	1	4					
07-Jul-2020	Tuesday	choppy	3					39	1006	57
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday	choppy	12				1			
10-Jul-2020	Friday	choppy	7		1					
11-Jul-2020	Saturday	calm/rippled	11		3		3			
12-Jul-2020	Sunday	choppy	9		4					
13-Jul-2020	Monday	calm/rippled	10	2	6		4	51	1010	73
14-Jul-2020	Tuesday	calm/rippled	22		14					
15-Jul-2020	Wednesday	calm/rippled	12	17	6		4			
16-Jul-2020	Thursday	choppy	13	7	4		1			
17-Jul-2020	Friday	frequent whitecaps	36	6	16					
18-Jul-2020	Saturday	choppy	39	7	20		4	126	0945	169
19-Jul-2020	Sunday	choppy	40	12	34		1			
20-Jul-2020	Monday	calm/rippled	9	2	11					
21-Jul-2020	Tuesday	choppy	24	3	16		1			
22-Jul-2020	Wednesday	choppy	8		1		1			
23-Jul-2020	Thursday	choppy	16	2	11		2			
24-Jul-2020	Friday	calm/rippled	27	4	23					
25-Jul-2020	Saturday	calm/rippled	48	13	34		3	80	0947	108
26-Jul-2020	Sunday	calm/rippled	28	9	21		1			
27-Jul-2020	Monday	choppy	28	13	23		1			
28-Jul-2020	Tuesday	choppy	8	5			3	57	1126	89
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	186
02-Aug-2020	Sunday	frequent whitecaps	28	14	8					
03-Aug-2020	Monday (B.C. Day)	calm/rippled	11	4	7					
	Totals	choppy	353	88	199		30	49*		73*
	Totals	calm/rippled	216	42	133		27	84*		118*

\* 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	73	22	1606	0.2490	0.5640		0.0850	400	906		137
Weekend	118	9	1062	0.1940	0.6160		0.1250	206	654		133

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	4830	4378	3728		1560
2016	July	5507	1674	2629	33	568
2017	July	4406	2834	3267	5	337
2018	July	5679	4205	2701	7	254
2019	July	3845	1274	1484	3	181
2020	July	2728	960	1183	0	515
5-Yr Avg	July	4853	2873	2762	12	580

**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	123	10%	24%	563	36%	5%	29
Chinook	92	11%	41%	192	18%	20%	38

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	649	6%
iRec Anglers	5933	7%

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

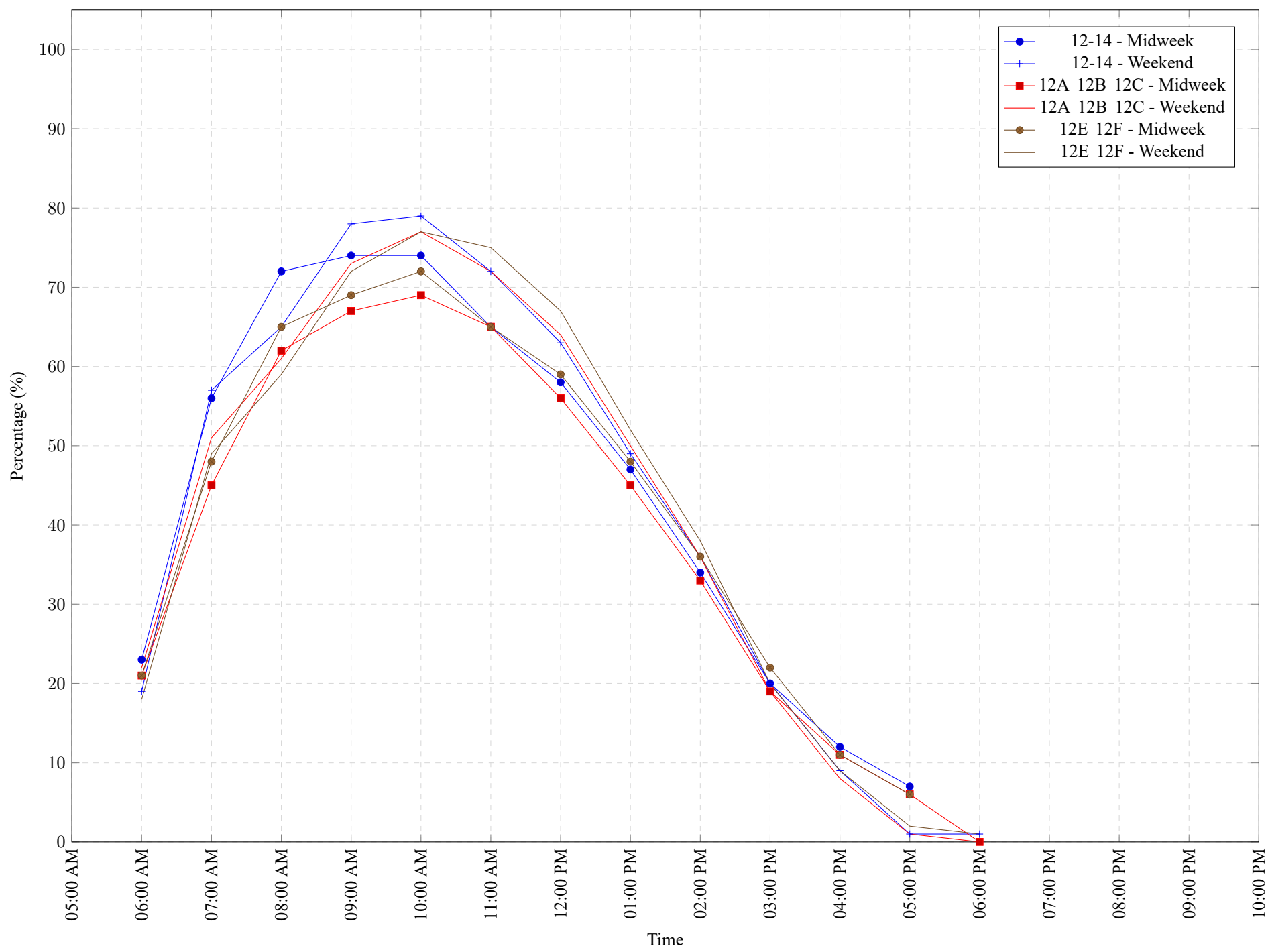


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
12-14	Midweek	23%	56%	72%	74%	74%	65%	58%	47%	34%	20%	12%	7%	0%	0%	0%	0%	0%
12-14	Weekend	19%	57%	65%	78%	79%	72%	63%	49%	36%	20%	9%	1%	1%	0%	0%	0%	0%
12A 12B 12C	Midweek	21%	45%	62%	67%	69%	65%	56%	45%	33%	19%	11%	6%	0%	0%	0%	0%	0%
12A 12B 12C	Weekend	22%	51%	61%	73%	77%	72%	64%	50%	36%	19%	8%	1%	0%	0%	0%	0%	0%
12E 12F	Midweek	21%	48%	65%	69%	72%	65%	59%	48%	36%	22%	11%	6%	0%	0%	0%	0%	0%
12E 12F	Weekend	18%	49%	59%	72%	77%	75%	67%	52%	38%	20%	9%	2%	1%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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