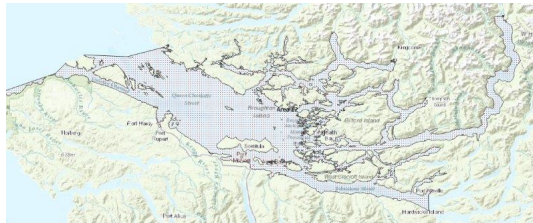


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2016



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 17th June, 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
29 May 2016	Weekend										
30 May 2016	Midweek										
31 May 2016	Midweek										
01 Jun 2016	Midweek										
02 Jun 2016	Midweek										
03 Jun 2016	Midweek					2			4		
04 Jun 2016	Weekend						21		10		
05 Jun 2016	Weekend							14		6	
06 Jun 2016	Midweek										
07 Jun 2016	Midweek										
08 Jun 2016	Midweek	4			4						
09 Jun 2016	Midweek			7						4	
10 Jun 2016	Midweek	7		6							
11 Jun 2016	Weekend				12		19				
12 Jun 2016	Weekend			16					4		17
13 Jun 2016	Midweek								4		
14 Jun 2016	Midweek							6			
15 Jun 2016	Midweek		5	6							
16 Jun 2016	Midweek						10				
17 Jun 2016	Midweek			14	9						27
18 Jun 2016	Weekend			25	12	15					
19 Jun 2016	Weekend	10		18							
20 Jun 2016	Midweek							9			
21 Jun 2016	Midweek								7		
22 Jun 2016	Midweek			3						12	
23 Jun 2016	Midweek		6								
24 Jun 2016	Midweek							8		18	
25 Jun 2016	Weekend						21	19			
26 Jun 2016	Weekend	7							14		
27 Jun 2016	Midweek				12						
28 Jun 2016	Midweek			12				10			
29 Jun 2016	Midweek	5			9						
30 Jun 2016	Midweek					15					
01 Jul 2016	Weekend			17							22
02 Jul 2016	Weekend			7			25				
03 Jul 2016	Weekend							29		29	

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-2016	Sunday		1				1			
30-May-2016	Monday		3	2						
31-May-2016	Tuesday		1							
01-Jun-2016	Wednesday		1				3			
02-Jun-2016	Thursday		2				3			
03-Jun-2016	Friday	choppy	6	2						
04-Jun-2016	Saturday	calm/rippled	31	10			3			
05-Jun-2016	Sunday	calm/rippled	20	7			2	59	1004	93
06-Jun-2016	Monday		1	1						
07-Jun-2016	Tuesday		4	3			2			
08-Jun-2016	Wednesday	calm/rippled	9	1	2		3			
09-Jun-2016	Thursday	calm/rippled	11		2					
10-Jun-2016	Friday	choppy	13	5						
11-Jun-2016	Saturday	choppy	32	6	1		6	59	1006	94
12-Jun-2016	Sunday	choppy	39	11	3		10			
13-Jun-2016	Monday	calm/rippled	7	7			1			
14-Jun-2016	Tuesday	calm/rippled	7	8			4			
15-Jun-2016	Wednesday	choppy	13	5			7			
16-Jun-2016	Thursday	calm/rippled	10	5						
17-Jun-2016	Friday	calm/rippled	52	20	3		14			
18-Jun-2016	Saturday	choppy	56	22	3		8			
19-Jun-2016	Sunday	calm/rippled	31	8	1		5			
20-Jun-2016	Monday	choppy	11	6	1		14	50	1008	70
21-Jun-2016	Tuesday	choppy	7	2			1			
22-Jun-2016	Wednesday	calm/rippled	15	17	1		3			
23-Jun-2016	Thursday	calm/rippled	6				3			
24-Jun-2016	Friday	calm/rippled	27	11			6			
25-Jun-2016	Saturday	calm/rippled	41	30	2		9			
26-Jun-2016	Sunday	choppy	22	6	1		5			
27-Jun-2016	Monday	frequent whitecaps	12	7	2					
28-Jun-2016	Tuesday	calm/rippled	25	13	1	1	9	93	1014	128
29-Jun-2016	Wednesday	calm/rippled	17	12	3		7			
30-Jun-2016	Thursday	calm/rippled	20	7	1		8			
01-Jul-2016	Friday (Canada Day)	choppy	40	14	11		7	87	1007	138
02-Jul-2016	Saturday	calm/rippled	34	15	1		4			
03-Jul-2016	Sunday	calm/rippled	63	44	7		14			
	Totals	calm/rippled	276	132	16	1	88	72*		99*
	Totals	choppy	272	100	11		48	59*		94*

* 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	99	22	2178	0.478	0.058	0.004	0.319	1041	126	9	695
Weekend	94	8	752	0.368	0.04		0.176	277	30		132

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2011	June	1824	429	11		429
2012	June	1946	776	212		790
2013	June	916	445	314		267
2014	June	2181	1647	326		948
2015	June	1690	1296	139		664
2016	June	2847	1137	140	6	736
5-Yr Avg	June	1711	919	200		620

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	48	34%	4%	78	55%	3%	2
Chinook	155	14%	16%	436	23%	6%	25

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	548	5%
iRec Anglers	3970	13%
iRec Responses	129	16%

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

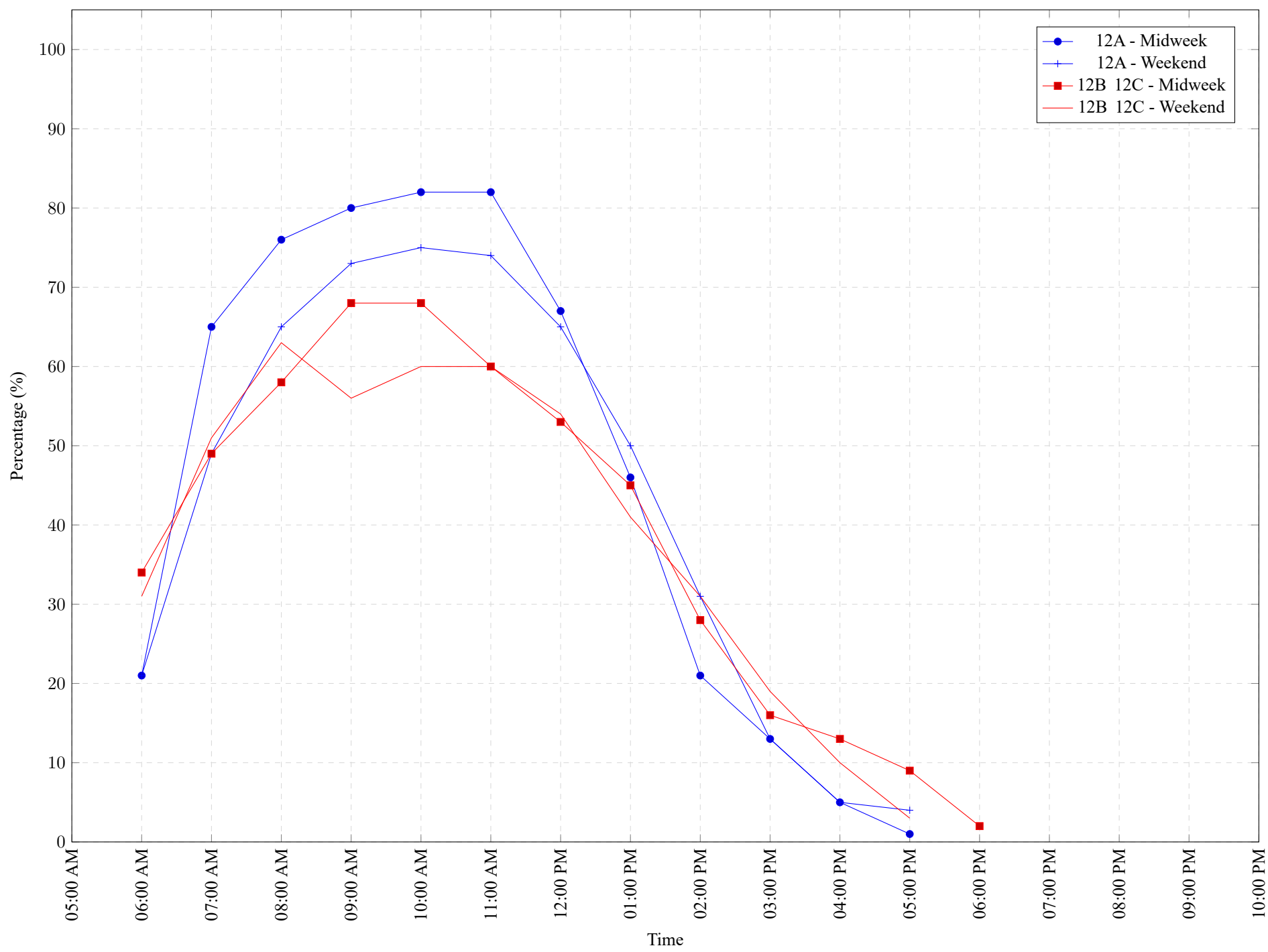


Table 7: Proportion of each day's fishing by hour.

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
12A	Midweek	21%	65%	76%	80%	82%	82%	67%	46%	21%	13%	5%	1%	0%	0%	0%	0%	0%
12A	Weekend	21%	49%	65%	73%	75%	74%	65%	50%	31%	13%	5%	4%	0%	0%	0%	0%	0%
12B 12C	Midweek	34%	49%	58%	68%	68%	60%	53%	45%	28%	16%	13%	9%	2%	0%	0%	0%	0%
12B 12C	Weekend	31%	51%	63%	56%	60%	60%	54%	41%	31%	19%	10%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 May 2016	Weekend					
30 May 2016	Midweek					
31 May 2016	Midweek					
01 Jun 2016	Midweek					
02 Jun 2016	Midweek					
03 Jun 2016	Midweek			frequent whitecaps	calm/rippled	
04 Jun 2016	Weekend			calm/rippled	calm/rippled	
05 Jun 2016	Weekend				calm/rippled	calm/rippled
06 Jun 2016	Midweek					
07 Jun 2016	Midweek					
08 Jun 2016	Midweek	calm/rippled	calm/rippled			
09 Jun 2016	Midweek		calm/rippled			calm/rippled
10 Jun 2016	Midweek	calm/rippled	choppy			
11 Jun 2016	Weekend		calm/rippled	choppy		
12 Jun 2016	Weekend		choppy		calm/rippled	choppy
13 Jun 2016	Midweek				calm/rippled	
14 Jun 2016	Midweek				calm/rippled	
15 Jun 2016	Midweek	choppy	calm/rippled			
16 Jun 2016	Midweek			calm/rippled		
17 Jun 2016	Midweek		calm/rippled			calm/rippled
18 Jun 2016	Weekend		choppy	calm/rippled		
19 Jun 2016	Weekend	calm/rippled	calm/rippled			
20 Jun 2016	Midweek				choppy	
21 Jun 2016	Midweek				choppy	
22 Jun 2016	Midweek		calm/rippled			calm/rippled
23 Jun 2016	Midweek	calm/rippled				
24 Jun 2016	Midweek				calm/rippled	calm/rippled
25 Jun 2016	Weekend			calm/rippled	calm/rippled	
26 Jun 2016	Weekend	calm/rippled			choppy	
27 Jun 2016	Midweek		frequent whitecaps			
28 Jun 2016	Midweek		calm/rippled		choppy	
29 Jun 2016	Midweek	calm/rippled	calm/rippled			
30 Jun 2016	Midweek			calm/rippled		
01 Jul 2016	Weekend		calm/rippled			choppy
02 Jul 2016	Weekend		choppy	calm/rippled		
03 Jul 2016	Weekend				calm/rippled	calm/rippled