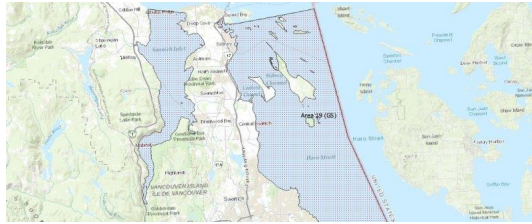


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) July 2014



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 24th November, 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	Cowichan Bay	Sidney	
		PM	AM	PM
28 Jun 2014	Weekend			
29 Jun 2014	Weekend			
30 Jun 2014	Midweek		4	
01 Jul 2014	Weekend			
02 Jul 2014	Midweek			
03 Jul 2014	Midweek			
04 Jul 2014	Midweek		5	
05 Jul 2014	Weekend			
06 Jul 2014	Weekend		5	
07 Jul 2014	Midweek			
08 Jul 2014	Midweek			
09 Jul 2014	Midweek			
10 Jul 2014	Midweek			
11 Jul 2014	Midweek			9
12 Jul 2014	Weekend			
13 Jul 2014	Weekend			
14 Jul 2014	Midweek			
15 Jul 2014	Midweek			
16 Jul 2014	Midweek			
17 Jul 2014	Midweek			
18 Jul 2014	Midweek			
19 Jul 2014	Weekend			
20 Jul 2014	Weekend			
21 Jul 2014	Midweek			
22 Jul 2014	Midweek			
23 Jul 2014	Midweek			
24 Jul 2014	Midweek			
25 Jul 2014	Midweek			
26 Jul 2014	Weekend			
27 Jul 2014	Weekend			14
28 Jul 2014	Midweek			8
29 Jul 2014	Midweek			
30 Jul 2014	Midweek			
31 Jul 2014	Midweek			
01 Aug 2014	Midweek			
02 Aug 2014	Weekend			
03 Aug 2014	Weekend	1		

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-2014	Saturday		0					0	1039	0
29-Jun-2014	Sunday		1					5	1029	10
30-Jun-2014	Monday	calm/rippled	6	3				13	1038	26
01-Jul-2014	Tuesday (Canada Day)		0							
02-Jul-2014	Wednesday		0							
03-Jul-2014	Thursday		0					6	0929	10
04-Jul-2014	Friday	calm/rippled	6							
05-Jul-2014	Saturday		0							
06-Jul-2014	Sunday	calm/rippled	6					6	0938	14
07-Jul-2014	Monday		0							
08-Jul-2014	Tuesday		1					5	0925	8
09-Jul-2014	Wednesday		0							
10-Jul-2014	Thursday		1							
11-Jul-2014	Friday	calm/rippled	9					8	0925	13
12-Jul-2014	Saturday		0					8	0929	19
13-Jul-2014	Sunday		0					11	0926	27
14-Jul-2014	Monday		1							
15-Jul-2014	Tuesday		0							
16-Jul-2014	Wednesday		0							
17-Jul-2014	Thursday		0							
18-Jul-2014	Friday		1							
19-Jul-2014	Saturday		0							
20-Jul-2014	Sunday		2	2				5	0935	12
21-Jul-2014	Monday		1	1				2	0947	3
22-Jul-2014	Tuesday		0							
23-Jul-2014	Wednesday		0							
24-Jul-2014	Thursday		0					1	0921	2
25-Jul-2014	Friday		1	1						
26-Jul-2014	Saturday		0							
27-Jul-2014	Sunday	calm/rippled	15	2				4	0935	10
28-Jul-2014	Monday	calm/rippled	8							
29-Jul-2014	Tuesday		0							
30-Jul-2014	Wednesday		1							
31-Jul-2014	Thursday		0							
01-Aug-2014	Friday		0							
02-Aug-2014	Saturday		0							
03-Aug-2014	Sunday	calm/rippled	1					7	0932	17
	Totals	calm/rippled	30	2				4*		7*
	Totals	calm/rippled	23	4				7*		16*

* 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	16	9	144	0.174				25			
Midweek	7	22	154	0.067				10			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2009	July	376	24			15
2010	July	322	5			
2011	July	237	7			
2012	July	297	25			
2013	July	333	1			8
2014	July	307	6			
5-Yr Avg	July	313	12			12

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	50	3%
iRec Anglers	1292	6%

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

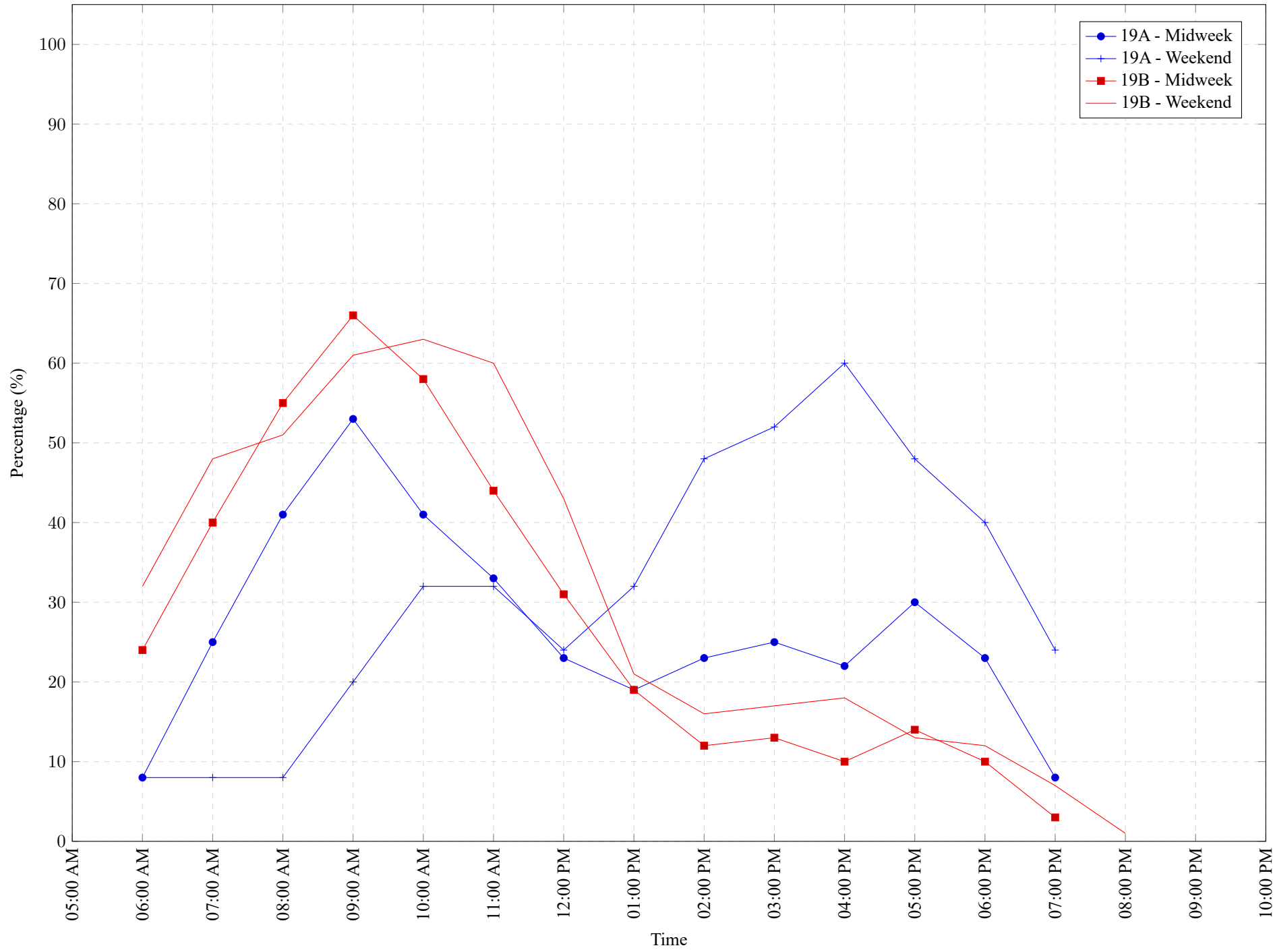


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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
19A	Midweek	8%	25%	41%	53%	41%	33%	23%	19%	23%	25%	22%	30%	23%	8%	0%	0%	0%
19A	Weekend	8%	8%	8%	20%	32%	32%	24%	32%	48%	52%	60%	48%	40%	24%	0%	0%	0%
19B	Midweek	24%	40%	55%	66%	58%	44%	31%	19%	12%	13%	10%	14%	10%	3%	0%	0%	0%
19B	Weekend	32%	48%	51%	61%	63%	60%	43%	21%	16%	17%	18%	13%	12%	7%	1%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cowichan Bay	Sidney
28 Jun 2014	Weekend		
29 Jun 2014	Weekend		
30 Jun 2014	Midweek		calm/rippled
01 Jul 2014	Weekend		
02 Jul 2014	Midweek		
03 Jul 2014	Midweek		
04 Jul 2014	Midweek		calm/rippled
05 Jul 2014	Weekend		
06 Jul 2014	Weekend		calm/rippled
07 Jul 2014	Midweek		
08 Jul 2014	Midweek		
09 Jul 2014	Midweek		
10 Jul 2014	Midweek		
11 Jul 2014	Midweek		calm/rippled
12 Jul 2014	Weekend		
13 Jul 2014	Weekend		
14 Jul 2014	Midweek		
15 Jul 2014	Midweek		
16 Jul 2014	Midweek		
17 Jul 2014	Midweek		
18 Jul 2014	Midweek		
19 Jul 2014	Weekend		
20 Jul 2014	Weekend		
21 Jul 2014	Midweek		
22 Jul 2014	Midweek		
23 Jul 2014	Midweek		
24 Jul 2014	Midweek		
25 Jul 2014	Midweek		
26 Jul 2014	Weekend		
27 Jul 2014	Weekend		calm/rippled
28 Jul 2014	Midweek		calm/rippled
29 Jul 2014	Midweek		
30 Jul 2014	Midweek		
31 Jul 2014	Midweek		
01 Aug 2014	Midweek		
02 Aug 2014	Weekend		
03 Aug 2014	Weekend	calm/rippled	