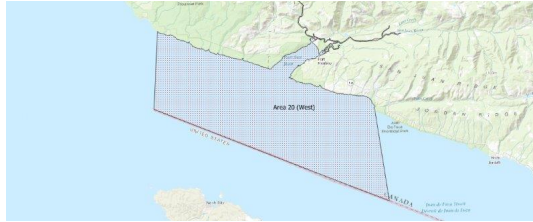


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (West) June 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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Canada



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

Date	Day Type	Jock's Dock (Crab Shack)	Pacific Gateway Marina	Port Renfrew Marina	
		PM	MD	MD	PM
29 May 2019	Midweek	1			
30 May 2019	Midweek				
31 May 2019	Midweek				
01 Jun 2019	Weekend			14	
02 Jun 2019	Weekend		3		
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek				
06 Jun 2019	Midweek				
07 Jun 2019	Midweek			7	
08 Jun 2019	Weekend		6		
09 Jun 2019	Weekend				2
10 Jun 2019	Midweek				
11 Jun 2019	Midweek				
12 Jun 2019	Midweek				
13 Jun 2019	Midweek				
14 Jun 2019	Midweek			9	
15 Jun 2019	Weekend		9		
16 Jun 2019	Weekend			6	
17 Jun 2019	Midweek				
18 Jun 2019	Midweek				
19 Jun 2019	Midweek				
20 Jun 2019	Midweek				
21 Jun 2019	Midweek				
22 Jun 2019	Weekend				
23 Jun 2019	Weekend			9	
24 Jun 2019	Midweek				
25 Jun 2019	Midweek			2	
26 Jun 2019	Midweek		1		
27 Jun 2019	Midweek			2	
28 Jun 2019	Midweek		2		
29 Jun 2019	Weekend			18	
30 Jun 2019	Weekend		1		
01 Jul 2019	Weekend				
02 Jul 2019	Midweek				
03 Jul 2019	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-May-2019	Wednesday		0							
30-May-2019	Thursday	frequent whitecaps	1							
31-May-2019	Friday		0							
01-Jun-2019	Saturday	choppy	14							
02-Jun-2019	Sunday	frequent whitecaps	3					5	0937	6
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0					0	0832	0
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday	calm/rippled	7							
08-Jun-2019	Saturday	calm/rippled	6				2	6	0839	7
09-Jun-2019	Sunday	calm/rippled	2							
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday		0					8	0829	9
13-Jun-2019	Thursday		0							
14-Jun-2019	Friday	calm/rippled	9		1					
15-Jun-2019	Saturday	calm/rippled	9							
16-Jun-2019	Sunday	choppy	6		1					
17-Jun-2019	Monday		0							
18-Jun-2019	Tuesday		0					3	0833	3
19-Jun-2019	Wednesday		0							
20-Jun-2019	Thursday		0							
21-Jun-2019	Friday		0							
22-Jun-2019	Saturday		0					19	1007	22
23-Jun-2019	Sunday	choppy	9							
24-Jun-2019	Monday		0					6	0840	7
25-Jun-2019	Tuesday	choppy	2							
26-Jun-2019	Wednesday	calm/rippled	1							
27-Jun-2019	Thursday	choppy	2							
28-Jun-2019	Friday	choppy	2				3			
29-Jun-2019	Saturday	calm/rippled	18		2					
30-Jun-2019	Sunday	choppy	1							
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0							
	Totals	choppy	23		1		3	4*		5*
	Totals	choppy	68		3		2	10*		12*

* 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	12	10	120		0.0440		0.0290		5		3
Midweek	5	20	100		0.0430		0.13		4		13

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	962	524	11		75
2015	June	777	623	40		29
2016	June	730	351	32		46
2017	June	415	240			
2018	June	622	659	9		4
2019	June	237	0	19		46
5-Yr Avg	June	701	479	23		39

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	567	100%	11%	186	85%	32%	60
Chinook	2	100%	100%	0	0%		2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	139	5%
iRec Anglers	1575	23%
iRec Responses	55	5%

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

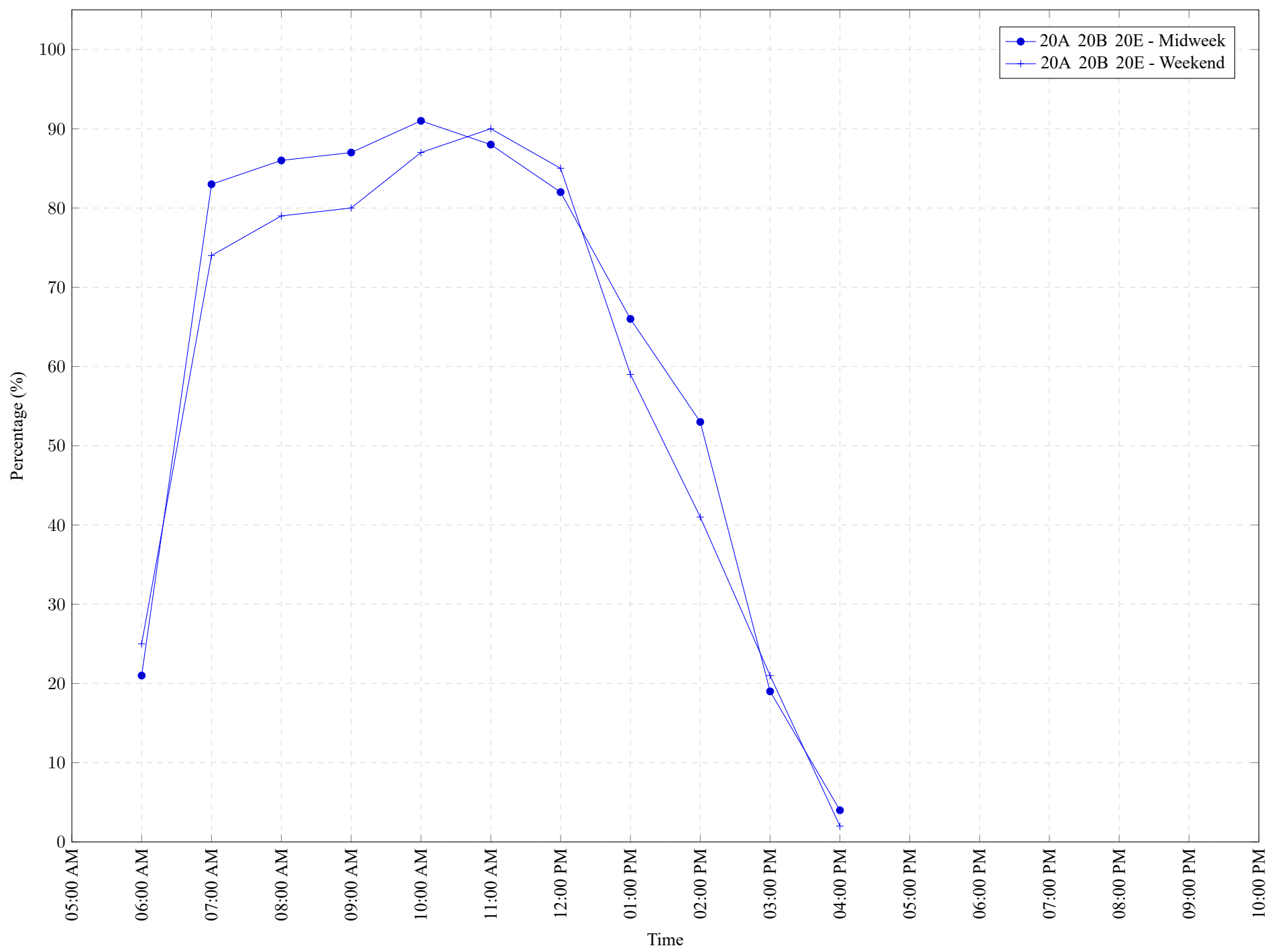


Table 7: Proportion of each day’s fishing by hour.

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
20A	20B	20E	Midweek	21%	83%	86%	87%	91%	88%	82%	66%	53%	19%	4%	0%	0%	0%	0%	0%	0%
20A	20B	20E	Weekend	25%	74%	79%	80%	87%	90%	85%	59%	41%	21%	2%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Jock's Dock (Crab Shack)	Pacific Gateway Marina	Port Renfrew Marina
29 May 2019	Midweek	frequent whitecaps		
30 May 2019	Midweek			
31 May 2019	Midweek			
01 Jun 2019	Weekend			choppy
02 Jun 2019	Weekend		frequent whitecaps	
03 Jun 2019	Midweek			
04 Jun 2019	Midweek			
05 Jun 2019	Midweek			
06 Jun 2019	Midweek			
07 Jun 2019	Midweek			calm/rippled
08 Jun 2019	Weekend		calm/rippled	
09 Jun 2019	Weekend			calm/rippled
10 Jun 2019	Midweek			
11 Jun 2019	Midweek			
12 Jun 2019	Midweek			
13 Jun 2019	Midweek			
14 Jun 2019	Midweek			calm/rippled
15 Jun 2019	Weekend		calm/rippled	
16 Jun 2019	Weekend			choppy
17 Jun 2019	Midweek			
18 Jun 2019	Midweek			
19 Jun 2019	Midweek			
20 Jun 2019	Midweek			
21 Jun 2019	Midweek			
22 Jun 2019	Weekend			
23 Jun 2019	Weekend			choppy
24 Jun 2019	Midweek			
25 Jun 2019	Midweek			choppy
26 Jun 2019	Midweek		calm/rippled	
27 Jun 2019	Midweek			choppy
28 Jun 2019	Midweek		choppy	
29 Jun 2019	Weekend			calm/rippled
30 Jun 2019	Weekend		choppy	
01 Jul 2019	Weekend			
02 Jul 2019	Midweek			
03 Jul 2019	Midweek			