

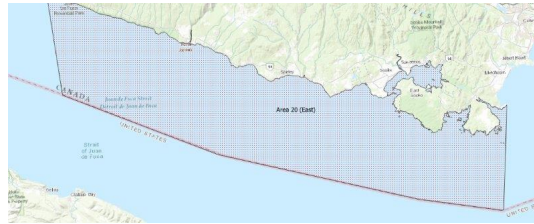
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 20 (East) October 2019



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



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

Date	Day Type	Flem- ming PM	Jock's Dock (Crab Shack)		Pedder Bay	
			AM	PM	AM	PM
28 Sep 2019	Weekend			12		
29 Sep 2019	Weekend				5	
30 Sep 2019	Midweek					
01 Oct 2019	Midweek					
02 Oct 2019	Midweek			7		
03 Oct 2019	Midweek					
04 Oct 2019	Midweek					
05 Oct 2019	Weekend				15	
06 Oct 2019	Weekend	2	15			
07 Oct 2019	Midweek			3		
08 Oct 2019	Midweek					
09 Oct 2019	Midweek					
10 Oct 2019	Midweek					13
11 Oct 2019	Midweek					
12 Oct 2019	Weekend					
13 Oct 2019	Weekend			11		
14 Oct 2019	Weekend					
15 Oct 2019	Midweek					
16 Oct 2019	Midweek		4			
17 Oct 2019	Midweek					
18 Oct 2019	Midweek					
19 Oct 2019	Weekend					4
20 Oct 2019	Weekend			1		
21 Oct 2019	Midweek					
22 Oct 2019	Midweek		1			
23 Oct 2019	Midweek					
24 Oct 2019	Midweek					
25 Oct 2019	Midweek					
26 Oct 2019	Weekend					
27 Oct 2019	Weekend					
28 Oct 2019	Midweek					
29 Oct 2019	Midweek					
30 Oct 2019	Midweek					
31 Oct 2019	Midweek					
01 Nov 2019	Midweek					
02 Nov 2019	Weekend					
03 Nov 2019	Weekend					

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-Sep-2019	Saturday	choppy	12		5					
29-Sep-2019	Sunday	choppy	5		2					
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday	choppy	7	1	1		1			
03-Oct-2019	Thursday		0							
04-Oct-2019	Friday		0							
05-Oct-2019	Saturday	calm/rippled	15	1	39					
06-Oct-2019	Sunday	choppy	17		39			118	1129	177
07-Oct-2019	Monday	calm/rippled	3		7					
08-Oct-2019	Tuesday		0							
09-Oct-2019	Wednesday		0							
10-Oct-2019	Thursday	frequent whitecaps	13		5					
11-Oct-2019	Friday		0					47	1119	67
12-Oct-2019	Saturday		0					111	1119	167
13-Oct-2019	Sunday	calm/rippled	11		1					
14-Oct-2019	Monday (Thanksgiving)		0							
15-Oct-2019	Tuesday		0							
16-Oct-2019	Wednesday	choppy	4							
17-Oct-2019	Thursday		0					7	1119	10
18-Oct-2019	Friday		0							
19-Oct-2019	Saturday	frequent whitecaps	4							
20-Oct-2019	Sunday	frequent whitecaps	2		4			13	1126	20
21-Oct-2019	Monday		0							
22-Oct-2019	Tuesday	frequent whitecaps	1							
23-Oct-2019	Wednesday		0							
24-Oct-2019	Thursday		0							
25-Oct-2019	Friday		0							
26-Oct-2019	Saturday		0							
27-Oct-2019	Sunday		0							
28-Oct-2019	Monday		0							
29-Oct-2019	Tuesday		0					1	1117	1
30-Oct-2019	Wednesday		0							
31-Oct-2019	Thursday		0							
01-Nov-2019	Friday		0							
02-Nov-2019	Saturday		0							
03-Nov-2019	Sunday		0							
	Totals	choppy	28	1	13		1	18*		26*
	Totals	choppy	49	1	83			81*		121*

\* 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	26	22	572	0.0360	0.4640		0.0360	21	265		21
Weekend	121	9	1089	0.02	1.6940			22	1845		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	October	2485	44	7671	12	
2015	October	1985	72	2776		27
2017	October	1001	161	943		
2018	October	2684	542	2267		
2019	October	1655	48	2242		24
5-Yr Avg	October	2039	205	3414	12	27

**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	927	42%	6%	835	48%	7%	58
Chinook	0	0%		0	0%		16

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	76	5%
iRec Anglers	2286	17%
iRec Responses	50	6%

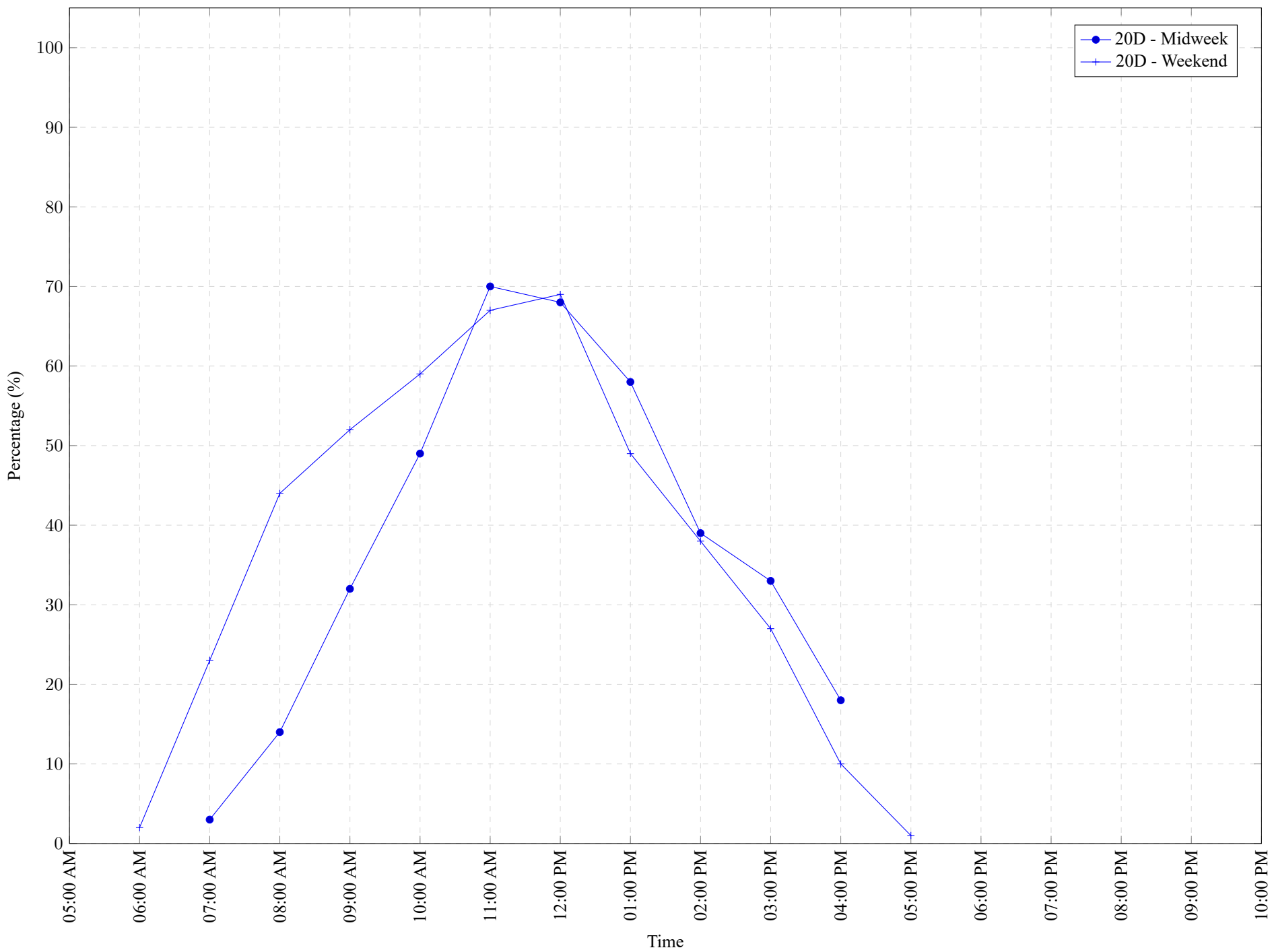
*Figure 1: Proportion of each day's fishing by hour.*

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
20D	Midweek	0%	3%	14%	32%	49%	70%	68%	58%	39%	33%	18%	0%	0%	0%	0%	0%	0%
20D	Weekend	2%	23%	44%	52%	59%	67%	69%	49%	38%	27%	10%	1%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Flemming	Jock's Dock (Crab Shack)	Pedder Bay
28 Sep 2019	Weekend		choppy	
29 Sep 2019	Weekend			choppy
30 Sep 2019	Midweek			
01 Oct 2019	Midweek			
02 Oct 2019	Midweek		choppy	
03 Oct 2019	Midweek			
04 Oct 2019	Midweek			
05 Oct 2019	Weekend			calm/rippled
06 Oct 2019	Weekend	calm/rippled	choppy	
07 Oct 2019	Midweek		calm/rippled	
08 Oct 2019	Midweek			
09 Oct 2019	Midweek			
10 Oct 2019	Midweek			frequent whitecaps
11 Oct 2019	Midweek			
12 Oct 2019	Weekend			
13 Oct 2019	Weekend		calm/rippled	
14 Oct 2019	Weekend			
15 Oct 2019	Midweek			
16 Oct 2019	Midweek		choppy	
17 Oct 2019	Midweek			
18 Oct 2019	Midweek			
19 Oct 2019	Weekend			frequent whitecaps
20 Oct 2019	Weekend		frequent whitecaps	
21 Oct 2019	Midweek			
22 Oct 2019	Midweek		frequent whitecaps	
23 Oct 2019	Midweek			
24 Oct 2019	Midweek			
25 Oct 2019	Midweek			
26 Oct 2019	Weekend			
27 Oct 2019	Weekend			
28 Oct 2019	Midweek			
29 Oct 2019	Midweek			
30 Oct 2019	Midweek			
31 Oct 2019	Midweek			
01 Nov 2019	Midweek			
02 Nov 2019	Weekend			
03 Nov 2019	Weekend			