

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 28 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	McDonald Beach		Planetarium		Sewell's West PM	Thunderbird Marina	
		AM	PM	AM	PM		AM	PM
29 May 2019	Midweek							
30 May 2019	Midweek							
31 May 2019	Midweek							
01 Jun 2019	Weekend							
02 Jun 2019	Weekend							
03 Jun 2019	Midweek							
04 Jun 2019	Midweek							
05 Jun 2019	Midweek							
06 Jun 2019	Midweek							
07 Jun 2019	Midweek							
08 Jun 2019	Weekend							
09 Jun 2019	Weekend	3						
10 Jun 2019	Midweek							
11 Jun 2019	Midweek							
12 Jun 2019	Midweek				5			
13 Jun 2019	Midweek							
14 Jun 2019	Midweek							
15 Jun 2019	Weekend			5				
16 Jun 2019	Weekend						3	
17 Jun 2019	Midweek							1
18 Jun 2019	Midweek							
19 Jun 2019	Midweek							
20 Jun 2019	Midweek							
21 Jun 2019	Midweek							
22 Jun 2019	Weekend					1		
23 Jun 2019	Weekend		2					
24 Jun 2019	Midweek							
25 Jun 2019	Midweek							
26 Jun 2019	Midweek		1					
27 Jun 2019	Midweek							
28 Jun 2019	Midweek				1			
29 Jun 2019	Weekend		7					
30 Jun 2019	Weekend				4			
01 Jul 2019	Weekend							
02 Jul 2019	Midweek							
03 Jul 2019	Midweek				2			

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		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		0							
02-Jun-2019	Sunday		1					22	1256	25
03-Jun-2019	Monday		1							
04-Jun-2019	Tuesday		0							
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday		0					7	1103	12
08-Jun-2019	Saturday		2							
09-Jun-2019	Sunday	calm/rippled	3					27	1300	32
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		1							
12-Jun-2019	Wednesday	choppy	5							
13-Jun-2019	Thursday		0					5	1255	8
14-Jun-2019	Friday		1							
15-Jun-2019	Saturday	calm/rippled	5							
16-Jun-2019	Sunday	calm/rippled	3							
17-Jun-2019	Monday	calm/rippled	1							
18-Jun-2019	Tuesday		2							
19-Jun-2019	Wednesday		0					1	1301	2
20-Jun-2019	Thursday		0							
21-Jun-2019	Friday		0							
22-Jun-2019	Saturday	choppy	1					21	1259	26
23-Jun-2019	Sunday	calm/rippled	2							
24-Jun-2019	Monday		0							
25-Jun-2019	Tuesday		0							
26-Jun-2019	Wednesday	choppy	1					6	1251	11
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday	choppy	1							
29-Jun-2019	Saturday	calm/rippled	7					21	1309	26
30-Jun-2019	Sunday	choppy	7							
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday	calm/rippled	2							
	Totals	choppy	13					5*		8*
	Totals	calm/rippled	31					23*		27*

* 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	27	10	270								
Midweek	8	20	160								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	903		182		
2015	June	1926	242	42		
2016	June	1985	550	255		
2017	June	886	235			
2018	June	437	30	23		
2019	June	441	0	0		0
5-Yr Avg	June	1227	264	126		

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	0	0%		36	100%	39%	14

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	44	8%
iRec Anglers	1578	18%
iRec Responses	44	0%

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

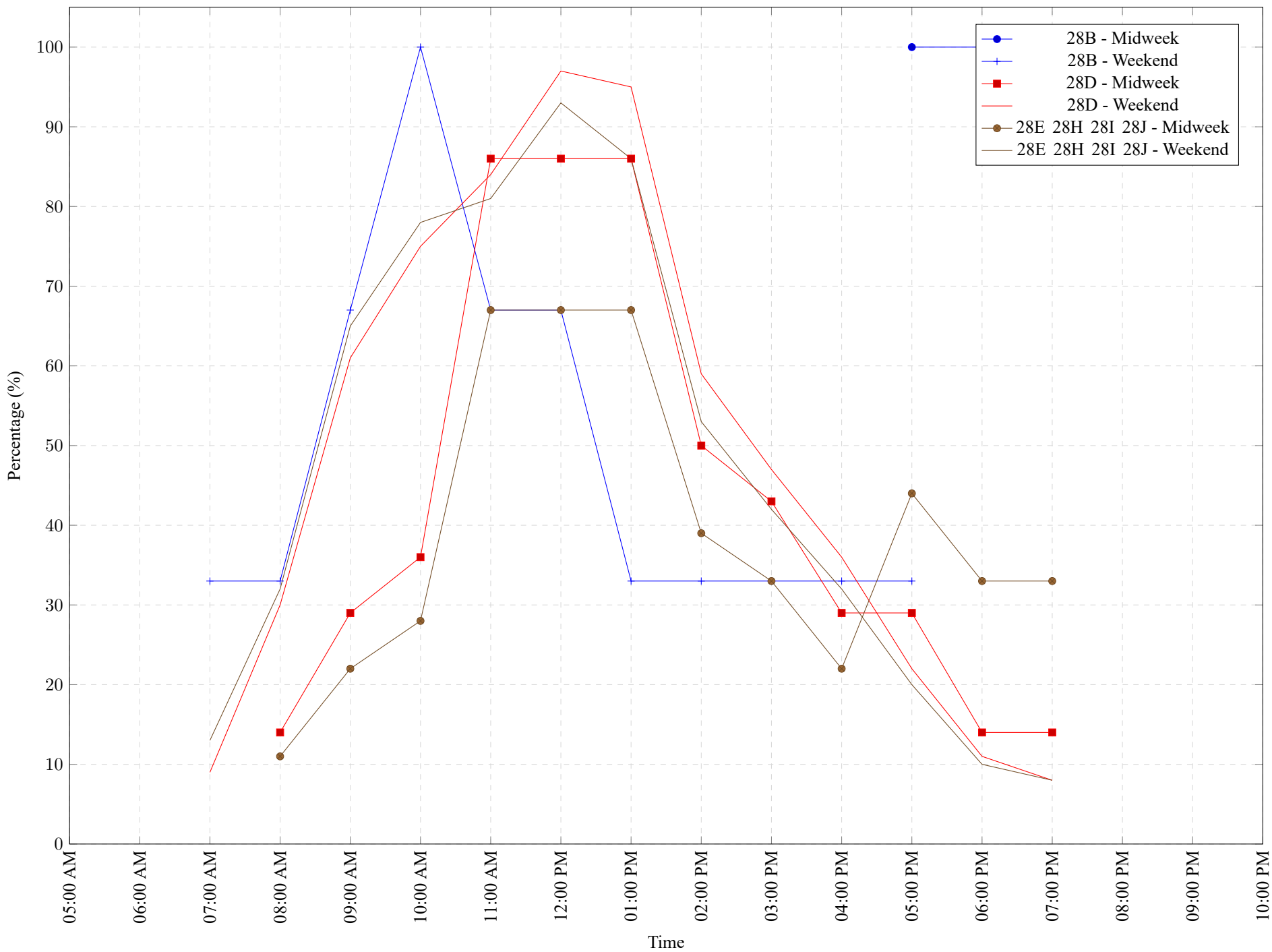


Table 7: Proportion of each day's fishing by hour.

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
28B	Midweek	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%
28B	Weekend	0%	33%	33%	67%	100%	67%	67%	33%	33%	33%	33%	33%	0%	0%	0%	0%	0%
28D	Midweek	0%	0%	14%	29%	36%	86%	86%	86%	50%	43%	29%	29%	14%	14%	0%	0%	0%
28D	Weekend	0%	9%	30%	61%	75%	84%	97%	95%	59%	47%	36%	22%	11%	8%	0%	0%	0%
28E 28H 28I 28J	Midweek	0%	0%	11%	22%	28%	67%	67%	67%	39%	33%	22%	44%	33%	33%	0%	0%	0%
28E 28H 28I 28J	Weekend	0%	13%	32%	65%	78%	81%	93%	86%	53%	42%	32%	20%	10%	8%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	McDonald Beach	Planetarium	Sewell's West	Thunderbird Marina
29 May 2019	Midweek				
30 May 2019	Midweek				
31 May 2019	Midweek				
01 Jun 2019	Weekend				
02 Jun 2019	Weekend				
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek				
06 Jun 2019	Midweek				
07 Jun 2019	Midweek				
08 Jun 2019	Weekend				
09 Jun 2019	Weekend	calm/rippled			
10 Jun 2019	Midweek				
11 Jun 2019	Midweek				
12 Jun 2019	Midweek		choppy		
13 Jun 2019	Midweek				
14 Jun 2019	Midweek				
15 Jun 2019	Weekend		calm/rippled		
16 Jun 2019	Weekend				calm/rippled
17 Jun 2019	Midweek				calm/rippled
18 Jun 2019	Midweek				
19 Jun 2019	Midweek				
20 Jun 2019	Midweek				
21 Jun 2019	Midweek				
22 Jun 2019	Weekend			choppy	
23 Jun 2019	Weekend	calm/rippled			
24 Jun 2019	Midweek				
25 Jun 2019	Midweek				
26 Jun 2019	Midweek	choppy			
27 Jun 2019	Midweek				
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		calm/rippled		