

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 27 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	Coal Harbour Ramp	Port Alice		Winter Harbour Ramp	
		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					
04 Jun 2016	Weekend					
05 Jun 2016	Weekend					
06 Jun 2016	Midweek					
07 Jun 2016	Midweek					
08 Jun 2016	Midweek					
09 Jun 2016	Midweek					
10 Jun 2016	Midweek					
11 Jun 2016	Weekend					
12 Jun 2016	Weekend					
13 Jun 2016	Midweek					
14 Jun 2016	Midweek					
15 Jun 2016	Midweek					
16 Jun 2016	Midweek		1			
17 Jun 2016	Midweek					8
18 Jun 2016	Weekend					8
19 Jun 2016	Weekend			7	3	
20 Jun 2016	Midweek					6
21 Jun 2016	Midweek					
22 Jun 2016	Midweek					
23 Jun 2016	Midweek					4
24 Jun 2016	Midweek				1	
25 Jun 2016	Weekend	5			5	
26 Jun 2016	Weekend		3			10
27 Jun 2016	Midweek			5	10	
28 Jun 2016	Midweek					
29 Jun 2016	Midweek					
30 Jun 2016	Midweek		5		5	
01 Jul 2016	Weekend				6	
02 Jul 2016	Weekend				8	
03 Jul 2016	Weekend			6		

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		0							
30-May-2016	Monday		0							
31-May-2016	Tuesday		0							
01-Jun-2016	Wednesday		0							
02-Jun-2016	Thursday		0							
03-Jun-2016	Friday		0							
04-Jun-2016	Saturday		0							
05-Jun-2016	Sunday		0							
06-Jun-2016	Monday		0							
07-Jun-2016	Tuesday		0							
08-Jun-2016	Wednesday		0							
09-Jun-2016	Thursday		1							
10-Jun-2016	Friday		2	1						
11-Jun-2016	Saturday		1	4			1			
12-Jun-2016	Sunday		1	3			1			
13-Jun-2016	Monday		2	3						
14-Jun-2016	Tuesday		1	2			2	16	0924	20
15-Jun-2016	Wednesday		1	3			1			
16-Jun-2016	Thursday	calm/rippled	3	3						
17-Jun-2016	Friday	calm/rippled	9	10	1		4			
18-Jun-2016	Saturday	calm/rippled	9	9			6			
19-Jun-2016	Sunday	calm/rippled	10	18	1		5	20	0913	26
20-Jun-2016	Monday	choppy	7	12			1			
21-Jun-2016	Tuesday		1				4			
22-Jun-2016	Wednesday		0					2	0929	2
23-Jun-2016	Thursday	choppy	5	2			9			
24-Jun-2016	Friday	choppy	4	6						
25-Jun-2016	Saturday	choppy	11	9			4			
26-Jun-2016	Sunday	calm/rippled	16	15	1		6	22	1024	27
27-Jun-2016	Monday	calm/rippled	17	27	1		8			
28-Jun-2016	Tuesday		1	4						
29-Jun-2016	Wednesday		1	4			3	15	0914	19
30-Jun-2016	Thursday	calm/rippled	14	52	3		15			
01-Jul-2016	Friday (Canada Day)	frequent whitecaps	9	14			2			
02-Jul-2016	Saturday	frequent whitecaps	10	4			4	18	0917	22
03-Jul-2016	Sunday	choppy	10	1			8			
	Totals	calm/rippled	69	129	5		47	11*		14*
	Totals	calm/rippled	48	58	2		23	21*		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
Midweek	14	22	308	1.87	0.072		0.681	576	22		210
Weekend	27	8	216	1.208	0.042		0.479	261	9		103

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2011	June	326	432	700		159
2012	June	308	286	416		155
2013	June	253	286	651		70
2014	June	356	448	199		34
2015	June	282	367	572		72
2016	June	696	756	39		433
5-Yr Avg	June	305	364	508		98

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	6	15%	33%		%		2
Chinook	118	16%	39%	302	40%	15%	46

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	98	8%
iRec Anglers	1916	7%
iRec Responses	53	9%

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

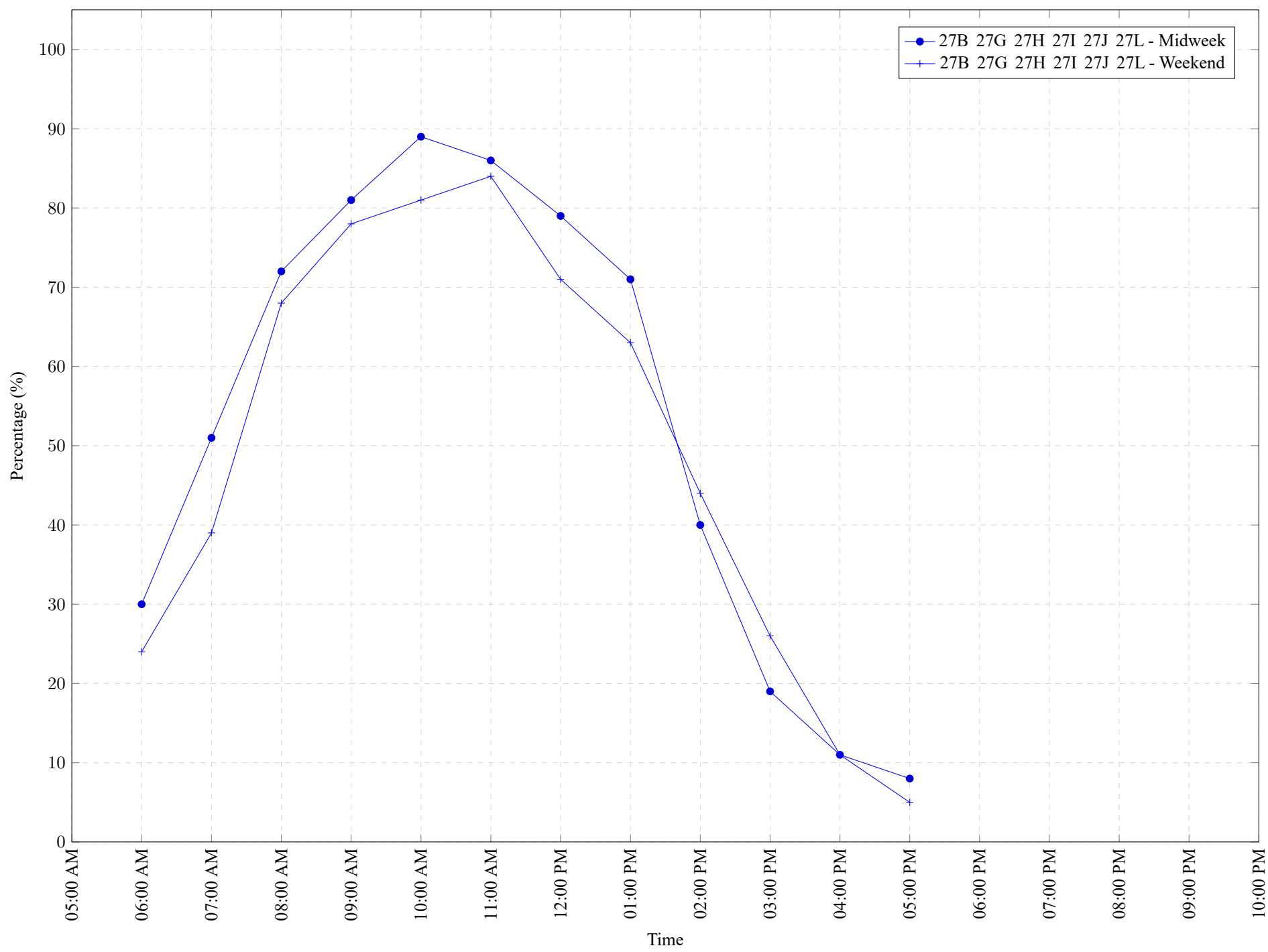


Table 7: Proportion of each day's fishing by hour.

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
27B	27G	27H	27I	27J	27L	Midweek	30%	51%	72%	81%	89%	86%	79%	71%	40%	19%	11%	8%	0%	0%	0%	0%	0%
27B	27G	27H	27I	27J	27L	Weekend	24%	39%	68%	78%	81%	84%	71%	63%	44%	26%	11%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp
29 May 2016	Weekend			
30 May 2016	Midweek			
31 May 2016	Midweek			
01 Jun 2016	Midweek			
02 Jun 2016	Midweek			
03 Jun 2016	Midweek			
04 Jun 2016	Weekend			
05 Jun 2016	Weekend			
06 Jun 2016	Midweek			
07 Jun 2016	Midweek			
08 Jun 2016	Midweek			
09 Jun 2016	Midweek			
10 Jun 2016	Midweek			
11 Jun 2016	Weekend			
12 Jun 2016	Weekend			
13 Jun 2016	Midweek			
14 Jun 2016	Midweek			
15 Jun 2016	Midweek			
16 Jun 2016	Midweek		calm/rippled	
17 Jun 2016	Midweek			calm/rippled
18 Jun 2016	Weekend			calm/rippled
19 Jun 2016	Weekend		calm/rippled	calm/rippled
20 Jun 2016	Midweek			choppy
21 Jun 2016	Midweek			
22 Jun 2016	Midweek			
23 Jun 2016	Midweek			choppy
24 Jun 2016	Midweek			choppy
25 Jun 2016	Weekend	calm/rippled		choppy
26 Jun 2016	Weekend		calm/rippled	choppy
27 Jun 2016	Midweek		calm/rippled	choppy
28 Jun 2016	Midweek			
29 Jun 2016	Midweek			
30 Jun 2016	Midweek		calm/rippled	calm/rippled
01 Jul 2016	Weekend			frequent whitecaps
02 Jul 2016	Weekend			frequent whitecaps
03 Jul 2016	Weekend		choppy	