

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 August 2017



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	Island West	
		MD	PM
29 Jul 2017	Weekend		
30 Jul 2017	Weekend		
31 Jul 2017	Midweek		1
01 Aug 2017	Midweek		
02 Aug 2017	Midweek		
03 Aug 2017	Midweek		
04 Aug 2017	Midweek		
05 Aug 2017	Weekend		
06 Aug 2017	Weekend		
07 Aug 2017	Weekend		
08 Aug 2017	Midweek		
09 Aug 2017	Midweek	1	
10 Aug 2017	Midweek		
11 Aug 2017	Midweek		
12 Aug 2017	Weekend		
13 Aug 2017	Weekend		
14 Aug 2017	Midweek		
15 Aug 2017	Midweek		
16 Aug 2017	Midweek		
17 Aug 2017	Midweek		
18 Aug 2017	Midweek		
19 Aug 2017	Weekend		
20 Aug 2017	Weekend		
21 Aug 2017	Midweek		
22 Aug 2017	Midweek		
23 Aug 2017	Midweek		
24 Aug 2017	Midweek		
25 Aug 2017	Midweek		
26 Aug 2017	Weekend		
27 Aug 2017	Weekend		
28 Aug 2017	Midweek		
29 Aug 2017	Midweek		
30 Aug 2017	Midweek		
31 Aug 2017	Midweek		
01 Sep 2017	Midweek		
02 Sep 2017	Weekend		
03 Sep 2017	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
29-Jul-2017	Saturday	choppy	1	1	3			11	1008	22
30-Jul-2017	Sunday		5	4	2		2			
31-Jul-2017	Monday		4		1		1			
01-Aug-2017	Tuesday		1	1						
02-Aug-2017	Wednesday		0					3	1024	4
03-Aug-2017	Thursday		0							
04-Aug-2017	Friday		3	2						
05-Aug-2017	Saturday		0							
06-Aug-2017	Sunday		3				2			
07-Aug-2017	Monday (B.C. Day)		8	4	6					
08-Aug-2017	Tuesday	calm/rippled	1							
09-Aug-2017	Wednesday		1	2						
10-Aug-2017	Thursday		0							
11-Aug-2017	Friday		3	9						
12-Aug-2017	Saturday		5	14						
13-Aug-2017	Sunday		1	1				4	1015	8
14-Aug-2017	Monday		2	9			1			
15-Aug-2017	Tuesday		1	1						
16-Aug-2017	Wednesday		3	3						
17-Aug-2017	Thursday		4	2	5			14	1024	20
18-Aug-2017	Friday		4		4					
19-Aug-2017	Saturday		2	2				13	1223	26
20-Aug-2017	Sunday		2	5	4					
21-Aug-2017	Monday		6	21	1					
22-Aug-2017	Tuesday		6	27			5			
23-Aug-2017	Wednesday		8	29	4		1			
24-Aug-2017	Thursday		4	5	6					
25-Aug-2017	Friday		9	26	2		3	6	1031	9
26-Aug-2017	Saturday		0					10	1037	20
27-Aug-2017	Sunday		1		3					
28-Aug-2017	Monday		3	2	4					
29-Aug-2017	Tuesday		1		1					
30-Aug-2017	Wednesday		0							
31-Aug-2017	Thursday		2		1					
01-Sep-2017	Friday		1		2					
02-Sep-2017	Saturday		3	6	1		3	2	1005	4
03-Sep-2017	Sunday		0							
	Totals	calm/rippled	62	139	28		10	8*		11*
	Totals		22	26	13		2	9*		18*

* 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	11	22	242	2.242	0.452		0.161	543	109		39
Weekend	18	9	162	1.182	0.591		0.091	191	96		15

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2012	August	653	80	1108		24
2013	August	564	209	3335		29
2014	August	275	91	342	1	15
2015	August	144	72	118		25
2016	August	191	116	145		72
2017	August	425	359	159		28
5-Yr Avg	August	365	114	1010	1	33

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	4%	33%	0	0%		2
Chinook	47	13%	4%	607	48%	0%	2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1931	42%
iRec Responses	43	14%

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

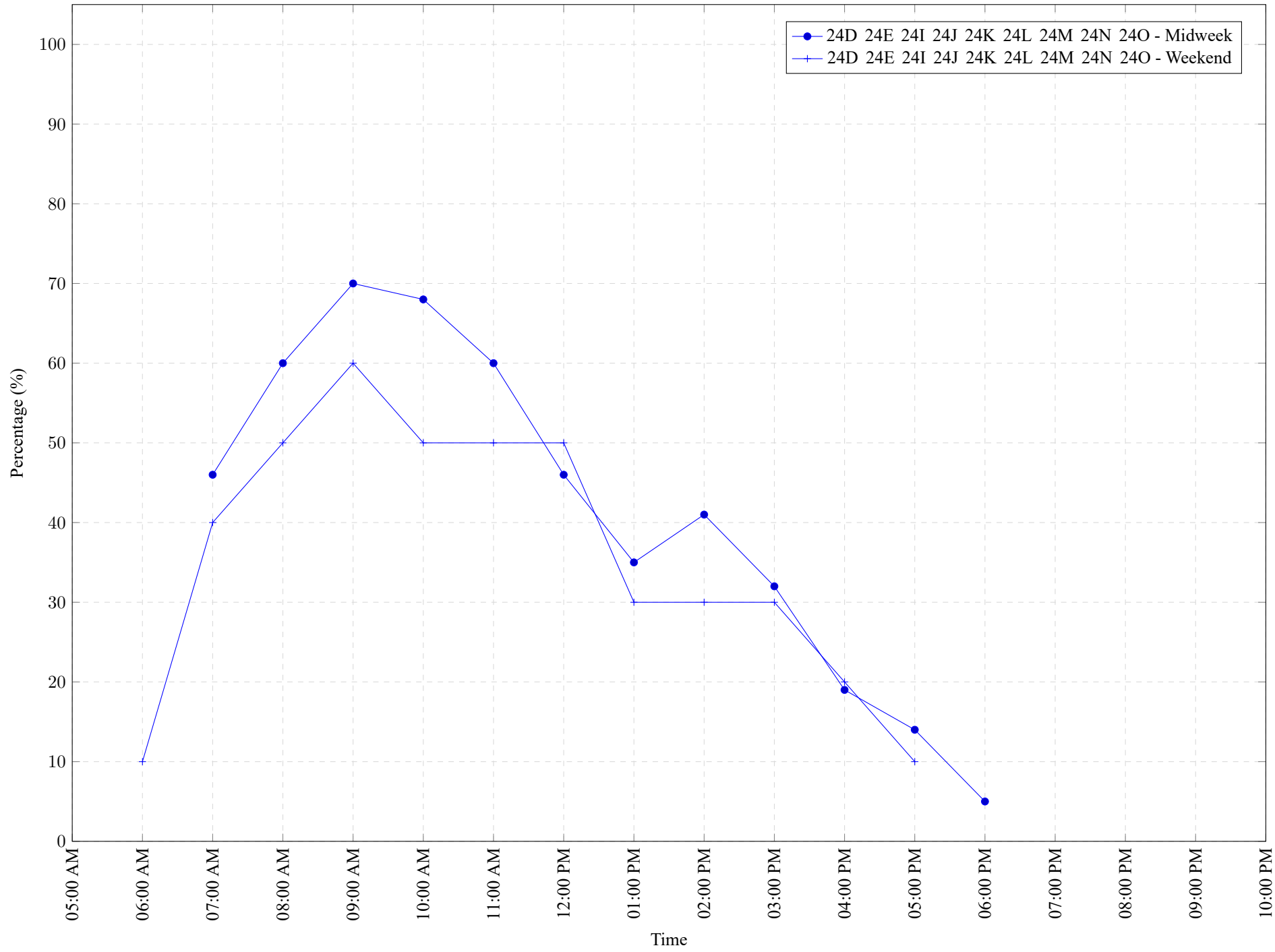


Table 7: Proportion of each day's fishing by hour.

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
24D	24E	24I	24J	24K	24L	24M	24N	24O		Midweek	0%	46%	60%	70%	68%	60%	46%	35%	41%	32%	19%	14%	5%	0%	0%	0%	0%
24D	24E	24I	24J	24K	24L	24M	24N	24O		Weekend	10%	40%	50%	60%	50%	50%	50%	30%	30%	30%	20%	10%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Island West
29 Jul 2017	Weekend	choppy
30 Jul 2017	Weekend	
31 Jul 2017	Midweek	
01 Aug 2017	Midweek	
02 Aug 2017	Midweek	
03 Aug 2017	Midweek	
04 Aug 2017	Midweek	
05 Aug 2017	Weekend	
06 Aug 2017	Weekend	
07 Aug 2017	Weekend	calm/rippled
08 Aug 2017	Midweek	
09 Aug 2017	Midweek	
10 Aug 2017	Midweek	
11 Aug 2017	Midweek	
12 Aug 2017	Weekend	
13 Aug 2017	Weekend	
14 Aug 2017	Midweek	
15 Aug 2017	Midweek	
16 Aug 2017	Midweek	
17 Aug 2017	Midweek	
18 Aug 2017	Midweek	
19 Aug 2017	Weekend	
20 Aug 2017	Weekend	
21 Aug 2017	Midweek	
22 Aug 2017	Midweek	
23 Aug 2017	Midweek	
24 Aug 2017	Midweek	
25 Aug 2017	Midweek	
26 Aug 2017	Weekend	
27 Aug 2017	Weekend	
28 Aug 2017	Midweek	
29 Aug 2017	Midweek	
30 Aug 2017	Midweek	
31 Aug 2017	Midweek	
01 Sep 2017	Midweek	
02 Sep 2017	Weekend	
03 Sep 2017	Weekend	