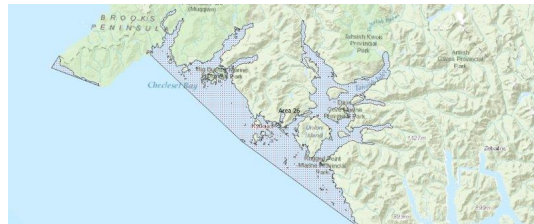


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 July 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	Westview Marina	
		MD	PM
28 Jun 2019	Midweek		
29 Jun 2019	Weekend		
30 Jun 2019	Weekend	1	
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		
04 Jul 2019	Midweek		
05 Jul 2019	Midweek	2	
06 Jul 2019	Weekend		
07 Jul 2019	Weekend		
08 Jul 2019	Midweek		
09 Jul 2019	Midweek		
10 Jul 2019	Midweek		
11 Jul 2019	Midweek		1
12 Jul 2019	Midweek	1	
13 Jul 2019	Weekend		
14 Jul 2019	Weekend		
15 Jul 2019	Midweek	1	
16 Jul 2019	Midweek		
17 Jul 2019	Midweek		
18 Jul 2019	Midweek		
19 Jul 2019	Midweek		
20 Jul 2019	Weekend		
21 Jul 2019	Weekend		
22 Jul 2019	Midweek	4	
23 Jul 2019	Midweek		
24 Jul 2019	Midweek	3	
25 Jul 2019	Midweek		
26 Jul 2019	Midweek	1	
27 Jul 2019	Weekend		
28 Jul 2019	Weekend	1	
29 Jul 2019	Midweek	1	
30 Jul 2019	Midweek		1
31 Jul 2019	Midweek		1
01 Aug 2019	Midweek		
02 Aug 2019	Midweek	3	
03 Aug 2019	Weekend	4	

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-Jun-2019	Friday		10	40	1		6			
29-Jun-2019	Saturday		10	34	2			13	1039	45
30-Jun-2019	Sunday	calm/rippled	17	58	7		2	29	0927	79
01-Jul-2019	Monday (Canada Day)		2	9						
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		9	34	1					
04-Jul-2019	Thursday		18	36	2		28			
05-Jul-2019	Friday	calm/rippled	18	35	5		31			
06-Jul-2019	Saturday		16	39	1		1			
07-Jul-2019	Sunday		16	47	3		15	24	1042	82
08-Jul-2019	Monday		14	41			11			
09-Jul-2019	Tuesday		9	36	1			15	1054	43
10-Jul-2019	Wednesday		8	34	1					
11-Jul-2019	Thursday	calm/rippled	11	25	1					
12-Jul-2019	Friday	calm/rippled	9	27	1					
13-Jul-2019	Saturday		10	21				12	1128	34
14-Jul-2019	Sunday		11	36						
15-Jul-2019	Monday	calm/rippled	12	39	4					
16-Jul-2019	Tuesday		11	32				27	1004	75
17-Jul-2019	Wednesday		9	25	4					
18-Jul-2019	Thursday		16	47	2					
19-Jul-2019	Friday		7	20						
20-Jul-2019	Saturday		1	4				10	0811	24
21-Jul-2019	Sunday		2	3	2					
22-Jul-2019	Monday	calm/rippled	4	6	3					
23-Jul-2019	Tuesday		7	23						
24-Jul-2019	Wednesday	choppy	8	27						
25-Jul-2019	Thursday		10	34						
26-Jul-2019	Friday	choppy	2	3	6					
27-Jul-2019	Saturday		15	37	1			19	1020	65
28-Jul-2019	Sunday	calm/rippled	17	40						
29-Jul-2019	Monday	calm/rippled	5	15						
30-Jul-2019	Tuesday	calm/rippled	10	26	1					
31-Jul-2019	Wednesday	calm/rippled	10	29						
01-Aug-2019	Thursday		3	3				11	1154	30
02-Aug-2019	Friday	calm/rippled	8	11	4					
03-Aug-2019	Saturday	calm/rippled	6	6	2		1	28	1018	95
	Totals	calm/rippled	207	594	32		70	21*		59*
	Totals	calm/rippled	90	236	7		16	16*		51*

* 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	51	9	459	2.6220	0.0780		0.1780	1203	36		82
Midweek	59	22	1298	2.87	0.1550		0.3380	3725	201		439

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	134	280	51		58
2015	July	177	287	131		69
2016	July	198	336	7		17
2017	July	1289	2043	146		185
2018	July	1690	2111	642		256
2019	July	1803	2050	33		46
5-Yr Avg	July	698	1011	195		117

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	1	3%	500%	234	38%	2%	5
Chinook	133	6%	51%	371	15%	18%	68

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	17	6%
iRec Anglers	3403	63%
iRec Responses	149	66%

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

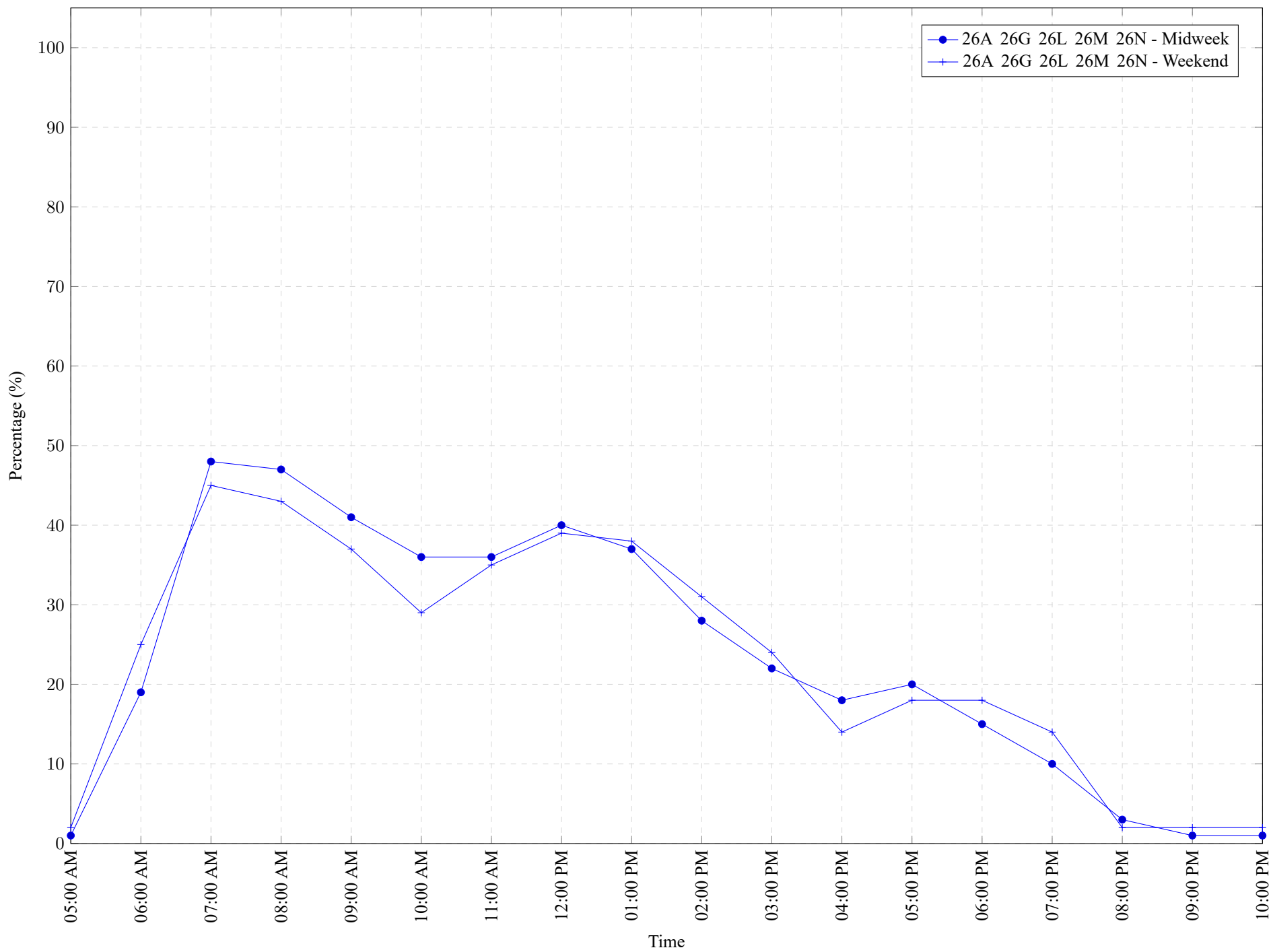


Table 7: Proportion of each day's fishing by hour.

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
26A	26G	26L	26M	26N	Midweek	19%	48%	47%	41%	36%	36%	40%	37%	28%	22%	18%	20%	15%	10%	3%	1%	1%
26A	26G	26L	26M	26N	Weekend	25%	45%	43%	37%	29%	35%	39%	38%	31%	24%	14%	18%	18%	14%	2%	2%	2%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina
28 Jun 2019	Midweek	
29 Jun 2019	Weekend	
30 Jun 2019	Weekend	calm/rippled
01 Jul 2019	Weekend	
02 Jul 2019	Midweek	
03 Jul 2019	Midweek	
04 Jul 2019	Midweek	
05 Jul 2019	Midweek	calm/rippled
06 Jul 2019	Weekend	
07 Jul 2019	Weekend	
08 Jul 2019	Midweek	
09 Jul 2019	Midweek	
10 Jul 2019	Midweek	
11 Jul 2019	Midweek	calm/rippled
12 Jul 2019	Midweek	calm/rippled
13 Jul 2019	Weekend	
14 Jul 2019	Weekend	
15 Jul 2019	Midweek	calm/rippled
16 Jul 2019	Midweek	
17 Jul 2019	Midweek	
18 Jul 2019	Midweek	
19 Jul 2019	Midweek	
20 Jul 2019	Weekend	
21 Jul 2019	Weekend	
22 Jul 2019	Midweek	calm/rippled
23 Jul 2019	Midweek	
24 Jul 2019	Midweek	choppy
25 Jul 2019	Midweek	
26 Jul 2019	Midweek	choppy
27 Jul 2019	Weekend	
28 Jul 2019	Weekend	calm/rippled
29 Jul 2019	Midweek	calm/rippled
30 Jul 2019	Midweek	calm/rippled
31 Jul 2019	Midweek	calm/rippled
01 Aug 2019	Midweek	
02 Aug 2019	Midweek	calm/rippled
03 Aug 2019	Weekend	calm/rippled