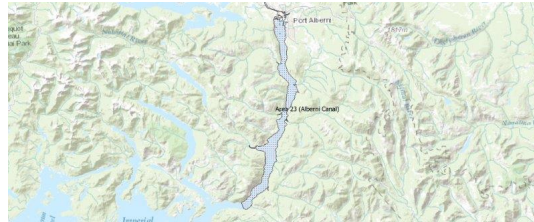


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 23 (Alberni Canal) July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 23rd November, 2024



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Canada

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

Date	Day Type	China Creek			Clutesi Marina		Clutesi Ramp			Fisherman's Harbour		McKay Bay Gas Dock		Poett Nook
		AM	MD	PM	AM	MD	AM	MD	PM	AM	PM	AM	MD	MD
28 Jun 2024	Midweek									2				
29 Jun 2024	Weekend	17					22							
30 Jun 2024	Weekend			3										1
01 Jul 2024	Weekend	13					27						1	
02 Jul 2024	Midweek		7											
03 Jul 2024	Midweek	28												
04 Jul 2024	Midweek							16						
05 Jul 2024	Midweek								5					
06 Jul 2024	Weekend	14												
07 Jul 2024	Weekend					2	22							
08 Jul 2024	Midweek						12							
09 Jul 2024	Midweek	19												
10 Jul 2024	Midweek				6									
11 Jul 2024	Midweek								5					
12 Jul 2024	Midweek	19												
13 Jul 2024	Weekend			2										
14 Jul 2024	Weekend		8											
15 Jul 2024	Midweek	14					13							
16 Jul 2024	Midweek						13							
17 Jul 2024	Midweek										4			
18 Jul 2024	Midweek				8									
19 Jul 2024	Midweek	7										1		
20 Jul 2024	Weekend								2					
21 Jul 2024	Weekend		2											
22 Jul 2024	Midweek						13							
23 Jul 2024	Midweek			1										
24 Jul 2024	Midweek						10	2						
25 Jul 2024	Midweek	9							1					
26 Jul 2024	Midweek													
27 Jul 2024	Weekend		7				7							
28 Jul 2024	Weekend						9							
29 Jul 2024	Midweek	6												
30 Jul 2024	Midweek		2											
31 Jul 2024	Midweek						2							
01 Aug 2024	Midweek	4												
02 Aug 2024	Midweek	7						2						
03 Aug 2024	Weekend						9							

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-2024	Friday	choppy	2			15		88	0929	145
29-Jun-2024	Saturday	calm/rippled	39			328				
30-Jun-2024	Sunday	frequent whitecaps	4			3		33	1248	148
01-Jul-2024	Monday (Canada Day)	choppy	41			207		446	0755	534
02-Jul-2024	Tuesday	large swells	7			23				
03-Jul-2024	Wednesday	calm/rippled	28			211		484	0843	636
04-Jul-2024	Thursday	choppy	16			76		37	0900	51
05-Jul-2024	Friday	choppy	5			8				
06-Jul-2024	Saturday	choppy	14			82		411	0756	492
07-Jul-2024	Sunday	calm/rippled	24			78				
08-Jul-2024	Monday	calm/rippled	12			25				
09-Jul-2024	Tuesday	calm/rippled	19			124		288	0759	368
10-Jul-2024	Wednesday	frequent whitecaps	6			43				
11-Jul-2024	Thursday	frequent whitecaps	5			14		83	0913	113
12-Jul-2024	Friday	calm/rippled	19			155				
13-Jul-2024	Saturday	frequent whitecaps	2			16		323	0753	386
14-Jul-2024	Sunday	frequent whitecaps	8			45				
15-Jul-2024	Monday	calm/rippled	27			136		56	0910	75
16-Jul-2024	Tuesday	calm/rippled	13			75		121	1018	254
17-Jul-2024	Wednesday	choppy	4			46		37	0937	61
18-Jul-2024	Thursday	choppy	9			54	4			
19-Jul-2024	Friday	frequent whitecaps	8			35		45	0914	74
20-Jul-2024	Saturday	frequent whitecaps	2			11				
21-Jul-2024	Sunday	choppy	2			5				
22-Jul-2024	Monday	frequent whitecaps	13			86		2	1349	24
23-Jul-2024	Tuesday	frequent whitecaps	1					39	1028	82
24-Jul-2024	Wednesday	frequent whitecaps	12	3	1	5		34	0939	56
25-Jul-2024	Thursday	choppy	10			52		133	0851	175
26-Jul-2024	Friday		0					19	0959	33
27-Jul-2024	Saturday	choppy	14	3		25				
28-Jul-2024	Sunday	choppy	9			26		91	0902	137
29-Jul-2024	Monday	choppy	6			22		11	0912	19
30-Jul-2024	Tuesday	frequent whitecaps	2			6		30	0740	38
31-Jul-2024	Wednesday	calm/rippled	2			4		29	1056	61
01-Aug-2024	Thursday	choppy	4		1	9		108	0753	137
02-Aug-2024	Friday	calm/rippled	9			29		7	0958	12
03-Aug-2024	Saturday	choppy	9			2				
	Totals	choppy	224	3	1	1200	4	91*		133*
	Totals	choppy	116	3		495		318*		387*

* 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	387	9	3483	0.026		4.267		91		14862	
Midweek	133	22	2926	0.013	0.004	5.357	0.018	38	12	15675	53

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	564	152	11	69	11
2020	July	1981	12		4604	0
2021	July	4279	16		26112	0
2022	July	1051	8		588	0
2023	July	2723	31	9	8890	0
2024	July	5923	0		25225	0
5-Yr Avg	July	2120	44	10	8053	2

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	339	0%
iRec Anglers	4098	9%

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

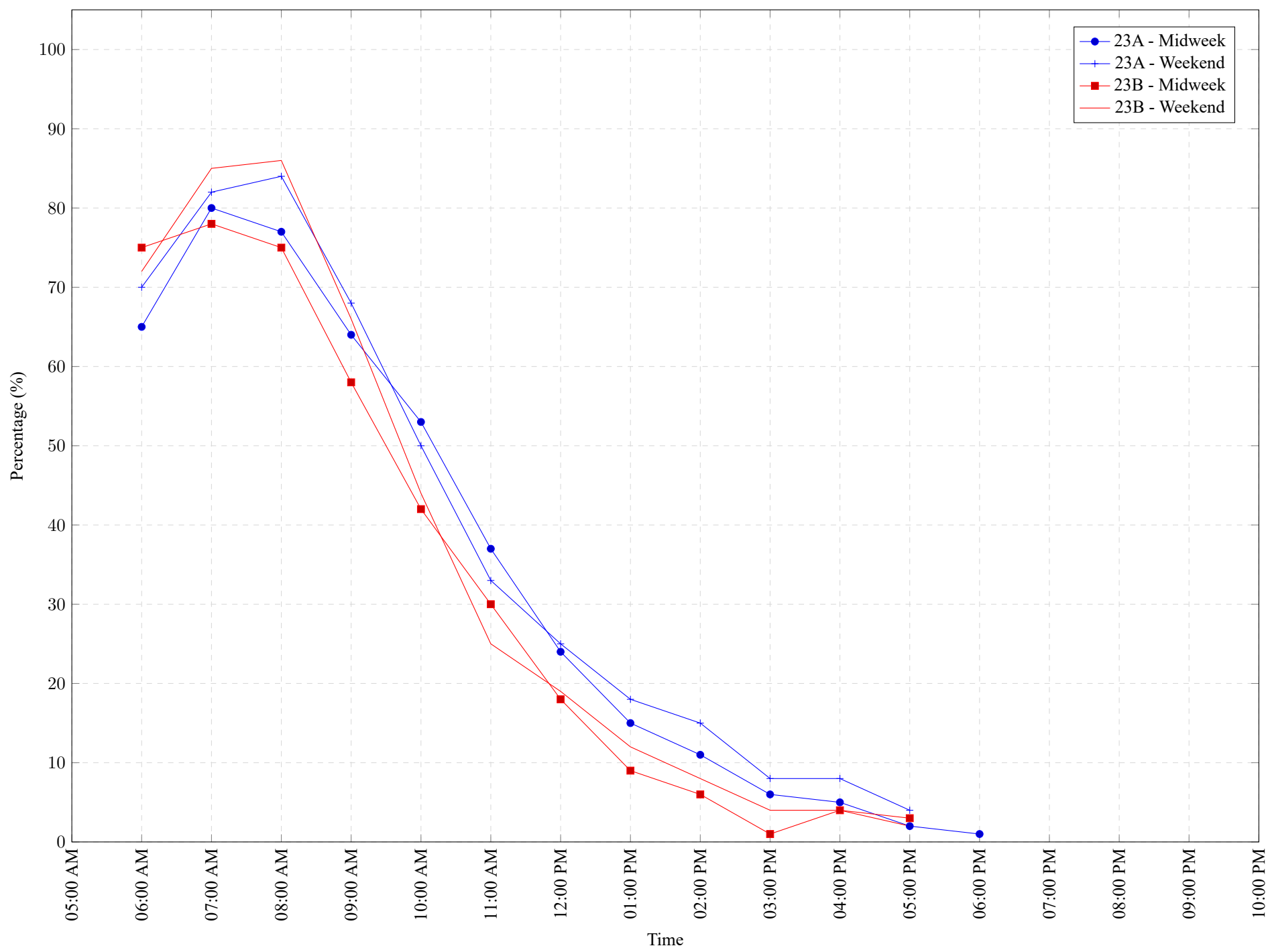


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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
23A	Midweek	65%	80%	77%	64%	53%	37%	24%	15%	11%	6%	5%	2%	1%	0%	0%	0%	0%
23A	Weekend	70%	82%	84%	68%	50%	33%	25%	18%	15%	8%	8%	4%	0%	0%	0%	0%	0%
23B	Midweek	75%	78%	75%	58%	42%	30%	18%	9%	6%	1%	4%	3%	0%	0%	0%	0%	0%
23B	Weekend	72%	85%	86%	66%	44%	25%	19%	12%	8%	4%	4%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	China Creek	Clutesi Marina	Clutesi Ramp	Fisherman's Harbour	McKay Bay Gas Dock	Poett Nook
28 Jun 2024	Midweek				choppy		
29 Jun 2024	Weekend	calm/rippled		calm/rippled			
30 Jun 2024	Weekend	frequent whitecaps					choppy
01 Jul 2024	Weekend	choppy		choppy		frequent whitecaps	
02 Jul 2024	Midweek	large swells					
03 Jul 2024	Midweek	calm/rippled					
04 Jul 2024	Midweek			choppy			
05 Jul 2024	Midweek			choppy			
06 Jul 2024	Weekend	choppy					
07 Jul 2024	Weekend		choppy	calm/rippled			
08 Jul 2024	Midweek			calm/rippled			
09 Jul 2024	Midweek	calm/rippled					
10 Jul 2024	Midweek		frequent whitecaps				
11 Jul 2024	Midweek			frequent whitecaps			
12 Jul 2024	Midweek	calm/rippled					
13 Jul 2024	Weekend	frequent whitecaps					
14 Jul 2024	Weekend	frequent whitecaps					
15 Jul 2024	Midweek	choppy		calm/rippled			
16 Jul 2024	Midweek			calm/rippled			
17 Jul 2024	Midweek				choppy		
18 Jul 2024	Midweek		choppy				
19 Jul 2024	Midweek	frequent whitecaps				choppy	
20 Jul 2024	Weekend			frequent whitecaps			
21 Jul 2024	Weekend	choppy					
22 Jul 2024	Midweek			frequent whitecaps			
23 Jul 2024	Midweek	frequent whitecaps					
24 Jul 2024	Midweek			frequent whitecaps			
25 Jul 2024	Midweek	choppy		frequent whitecaps			
26 Jul 2024	Midweek						
27 Jul 2024	Weekend	choppy		choppy			
28 Jul 2024	Weekend			choppy			
29 Jul 2024	Midweek	choppy					
30 Jul 2024	Midweek	frequent whitecaps					
31 Jul 2024	Midweek			calm/rippled			
01 Aug 2024	Midweek	choppy					
02 Aug 2024	Midweek	calm/rippled		choppy			
03 Aug 2024	Weekend			choppy			