FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

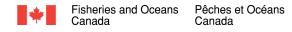
CREEL SURVEY DATA REVIEW PACKAGE

Area 123 July 2022



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023





Area 123 July 2022

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

		China	Creek	Clutesi	Ramp	Eagle M (Fuel I		Is	land West		McKay	Bay Gas D	ock	Mills L	anding	P	oett Nook		Tofino Resort and	Uclue	et Gov Doc	k
Date	Day Type	MD	PM	AM	MD	AM	MD	AM	MD	PM	AM	MD	PM	MD	PM	AM	MD	PM	Marina MD	AM	MD	PM
28 Jun 2022	Midweek																				5	
29 Jun 2022	Midweek											3										
30 Jun 2022	Midweek				1																5	
01 Jul 2022	Weekend					7								1								
02 Jul 2022	Weekend						12															
03 Jul 2022	Weekend								6				2									
04 Jul 2022	Midweek														2						7	
05 Jul 2022	Midweek																					9
06 Jul 2022	Midweek						20															
07 Jul 2022	Midweek											2									10	
08 Jul 2022	Midweek							5						4								
09 Jul 2022	Weekend											2								_		
10 Jul 2022	Weekend						1.7				2									5		
11 Jul 2022	Midweek						17															
12 Jul 2022	Midweek														2						2	2
13 Jul 2022 14 Jul 2022	Midweek Midweek				1				-						2							2
14 Jul 2022 15 Jul 2022	Midweek				1				5							1					2	
16 Jul 2022							21	4								1					2	
17 Jul 2022	Weekend Weekend						21	4							3							5
17 Jul 2022 18 Jul 2022	Midweek												2		3						13	3
19 Jul 2022	Midweek												2								16	
20 Jul 2022	Midweek								4								2				10	
21 Jul 2022	Midweek								7			7					2			8		
22 Jul 2022	Midweek					13						,		3						0		
23 Jul 2022	Weekend					13	22							6								
24 Jul 2022	Weekend													Ŭ		1						
25 Jul 2022	Midweek																				10	
26 Jul 2022	Midweek		2			13															-	
27 Jul 2022	Midweek		-																		13	
28 Jul 2022	Midweek			1					15			6										
29 Jul 2022	Midweek	1											7							9		
30 Jul 2022	Weekend										3										11	
31 Jul 2022	Weekend			1						7												
01 Aug 2022	Weekend							3											1		20	
02 Aug 2022	Midweek																					6
03 Aug 2022	Midweek						38											4				

Table 2: Daily tally of interviews, catch and effort.

28-Jun-2022 Tuesday frequent 5 20 4 1 3 0856 4	Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-Jun-2022 Wednesday Choppy 5	28-Jun-2022	Tuesday	frequent	5	20	4		1	3	0856	4
30-Jun-2022			*								
Ol-Jul-2022				5							
Day Calm/rippled 12											
03-Jul-2022 Sunday Calm/rippled 8			calm/rippled			8		20	21	0930	30
Od-Jul-2022						1					
OS-Jul-2022 Tuesday Choppy 13 19 2 25 16 0859 22 25 06-Jul-2022 Thursday Calm/rippled 20 35 2 27 16 0859 22 25 07-Jul-2022 Thursday Calm/rippled 9 18 5 9 09-Jul-2022 Sturday Choppy 2 5 77 0851 100 09-Jul-2022 Sturday Choppy 8 12 2 2 11-Jul-2022 Tuesday Choppy 22 7 1 51 7 1003 9 12-Jul-2022 Tuesday Calm/rippled 6 15-Jul-2022 Thursday Calm/rippled 6 15-Jul-2022 Thursday Calm/rippled 6 15-Jul-2022 Thursday Choppy 8 27 3 8 5 8 5 10 10 10 10 10 10 10			* *								
06-Jul-2022 Wednesday calm/rippled 20 35 2 27 16 0859 22 07-Jul-2022 Thursday calm/rippled 16 36 1 44 44 08-Jul-2022 Friday calm/rippled 9 18 5 9 09-Jul-2022 Saturday choppy 2 5 77 0851 100 0 10-Jul-2022 Sunday choppy 2 7 1 51 7 1003 9 10-Jul-2022 Monday choppy 22 7 1 51 7 1003 9 10-Jul-2022 Wednesday frequent 4 15 7 1003 9 10-Jul-2022 Friday frequent 4 6 7 1003											
O7-Jul-2022		•									
OB-Jul-2022						2			16	0859	22
OBJ-Ul-2022 Saturday Choppy 2		Thursday				1					
10-Jul-2022	08-Jul-2022	•			18	5					
11-Jul-2022 Monday Choppy 22 7			choppy						77	0851	100
12-Jul-2022			choppy								
13-Jul-2022 Wednesday frequent 4 15 whitecaps		Monday	choppy			1		51			
13-Jul-2022	12-Jul-2022	Tuesday	frequent	2	5				7	1003	9
14-Jul-2022			whitecaps								
14-Jul-2022	13-Jul-2022	Wednesday	frequent	4	15						
15-Jul-2022			whitecaps								
Note	14-Jul-2022	Thursday	calm/rippled	6							
16-Jul-2022	15-Jul-2022	Friday	frequent	4	6	6					
17-Jul-2022 Sunday Choppy 8 27 3 8 53 0858 69 18-Jul-2022 Monday Choppy 16 15 3 1 22 18 0936 24 19-Jul-2022 Tuesday Choppy 19 38 7 30 20-Jul-2022 Wednesday Choppy 8 14 6 6 21-Jul-2022 Thursday Choppy 15 21 17 10 22-Jul-2022 Friday Choppy 20 81 27 12 23-Jul-2022 Saturday Choppy 33 68 32 57 75 0902 103 24-Jul-2022 Sunday Calm/rippled 16 52 19 1 25-Jul-2022 Monday Calm/rippled 16 52 19 1 26-Jul-2022 Tuesday Choppy 15 31 20 8 87 0911 110 27-Jul-2022 Wednesday Choppy 14 55 24 5 28-Jul-2022 Thursday Choppy 22 36 9 15 29-Jul-2022 Friday Choppy 19 66 31 42 30-Jul-2022 Saturday Choppy 16 51 42 16 31-Jul-2022 Sunday Calm/rippled 8 7 3 0 0 01-Aug-2022 Monday (B.C. Choppy 26 75 25 10 02-Aug-2022 Tuesday Calm/rippled 9 17 12 4 03-Aug-2022 Wednesday Choppy 45 122 32 66 Totals Choppy 269 583 180 1 325 32* 41*			whitecaps								
18-Jul-2022	16-Jul-2022	Saturday	choppy	25	100	4		85			
19-Jul-2022 Tuesday Choppy 19 38 7 30	17-Jul-2022	Sunday	choppy	8	27	3		8	53	0858	69
20-Jul-2022 Wednesday choppy 8 14 6 6 21-Jul-2022 Thursday choppy 15 21 17 10 22-Jul-2022 Friday choppy 20 81 27 12 23-Jul-2022 Saturday choppy 33 68 32 57 75 0902 103 24-Jul-2022 Sunday calm/rippled 1 <td>18-Jul-2022</td> <td>Monday</td> <td>choppy</td> <td>16</td> <td></td> <td>3</td> <td>1</td> <td></td> <td>18</td> <td>0936</td> <td>24</td>	18-Jul-2022	Monday	choppy	16		3	1		18	0936	24
21-Jul-2022 Thursday choppy 15 21 17 10 22-Jul-2022 Friday choppy 20 81 27 12 23-Jul-2022 Saturday choppy 33 68 32 57 75 0902 103 24-Jul-2022 Sunday calm/rippled 1 1 1 1 1 1 1 2 103 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 2 1 1 2 2 3 6 9 1 1 1 2 2 3 6 9 1 1 3 3 1 4 2 3	19-Jul-2022	Tuesday	choppy	19	38	7		30			
22-Jul-2022 Friday choppy 20 81 27 12 23-Jul-2022 Saturday choppy 33 68 32 57 75 0902 103 24-Jul-2022 Sunday calm/rippled 1 1 1 1 1 25-Jul-2022 Monday calm/rippled 16 52 19 1 1 25-Jul-2022 Tuesday choppy 15 31 20 8 87 0911 110 27-Jul-2022 Wednesday choppy 14 55 24 5 24 5 24 5 28-Jul-2022 Triday choppy 19 66 31 42 4 4 4 4 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 <	20-Jul-2022	Wednesday	choppy	8	14	6		6			
23-Jul-2022 Saturday choppy 33 68 32 57 75 0902 103 24-Jul-2022 Sunday calm/rippled 1 1 1 1 1 1 1 25-Jul-2022 Monday calm/rippled 16 52 19 1 <td>21-Jul-2022</td> <td>Thursday</td> <td>choppy</td> <td>15</td> <td>21</td> <td>17</td> <td></td> <td>10</td> <td></td> <td></td> <td></td>	21-Jul-2022	Thursday	choppy	15	21	17		10			
24-Jul-2022 Sunday calm/rippled 1 25-Jul-2022 Monday calm/rippled 16 52 19 1 26-Jul-2022 Tuesday choppy 15 31 20 8 87 0911 110 27-Jul-2022 Wednesday choppy 14 55 24 5 5 28-Jul-2022 Thursday choppy 22 36 9 15 5 29-Jul-2022 Friday choppy 19 66 31 42 42 4 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	22-Jul-2022	Friday	choppy	20	81	27		12			
25-Jul-2022 Monday calm/rippled 16 52 19 1 26-Jul-2022 Tuesday choppy 15 31 20 8 8 87 0911 110 27-Jul-2022 Wednesday choppy 14 55 24 5 28-Jul-2022 Thursday choppy 22 36 9 15 29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) 02-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	23-Jul-2022	Saturday	choppy	33	68	32		57	75	0902	103
26-Jul-2022 Tuesday choppy 15 31 20 8 87 0911 110 27-Jul-2022 Wednesday choppy 14 55 24 5 28-Jul-2022 Thursday choppy 22 36 9 15 29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10	24-Jul-2022	Sunday	calm/rippled	1							
27-Jul-2022 Wednesday choppy 14 55 24 5 28-Jul-2022 Thursday choppy 22 36 9 15 29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) Day) 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	25-Jul-2022	Monday	calm/rippled	16	52	19		1			
27-Jul-2022 Wednesday choppy 14 55 24 5 28-Jul-2022 Thursday choppy 22 36 9 15 29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) Day) 17 12 4 03-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	26-Jul-2022	Tuesday	choppy	15	31	20		8	87	0911	110
28-Jul-2022 Thursday choppy 22 36 9 15 29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) Day) 17 12 4 03-Aug-2022 Tuesday cloppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	27-Jul-2022	Wednesday	choppy	14	55	24		5			
29-Jul-2022 Friday choppy 19 66 31 42 30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) Day) 17 12 4 03-Aug-2022 Tuesday cloppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	28-Jul-2022	Thursday	choppy	22	36	9		15			
30-Jul-2022 Saturday choppy 16 51 42 16 31-Jul-2022 Sunday calm/rippled 8 7 3 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) Day) 17 12 4 02-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	29-Jul-2022	Friday		19	66	31		42			
31-Jul-2022 Sunday calm/rippled 8 7 3 0 0832 0 01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) 02-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*				16	51	42		16			
01-Aug-2022 Monday (B.C. choppy 26 75 25 10 Day) 02-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	31-Jul-2022				7				0	0832	0
02-Aug-2022 Tuesday calm/rippled 9 17 12 4 03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	01-Aug-2022		choppy	26	75	25		10			
03-Aug-2022 Wednesday choppy 45 122 32 66 Totals choppy 269 583 180 1 325 32* 41*	02-Aug-2022		calm/rippled	9	17	12		4			
Totals choppy 269 583 180 1 325 32* 41*											
							1		32*		41*
									45*		60*

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

					C]	PUE			Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut		
	Expanded	Days	Estimated										
	Boats		Effort										
Midweek	41	20	820	2.167	0.669	0.004	1.208	1777	549	3	991		
Weekend	60	11	660	2.356	0.705		1.568	1555	465		1035		

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

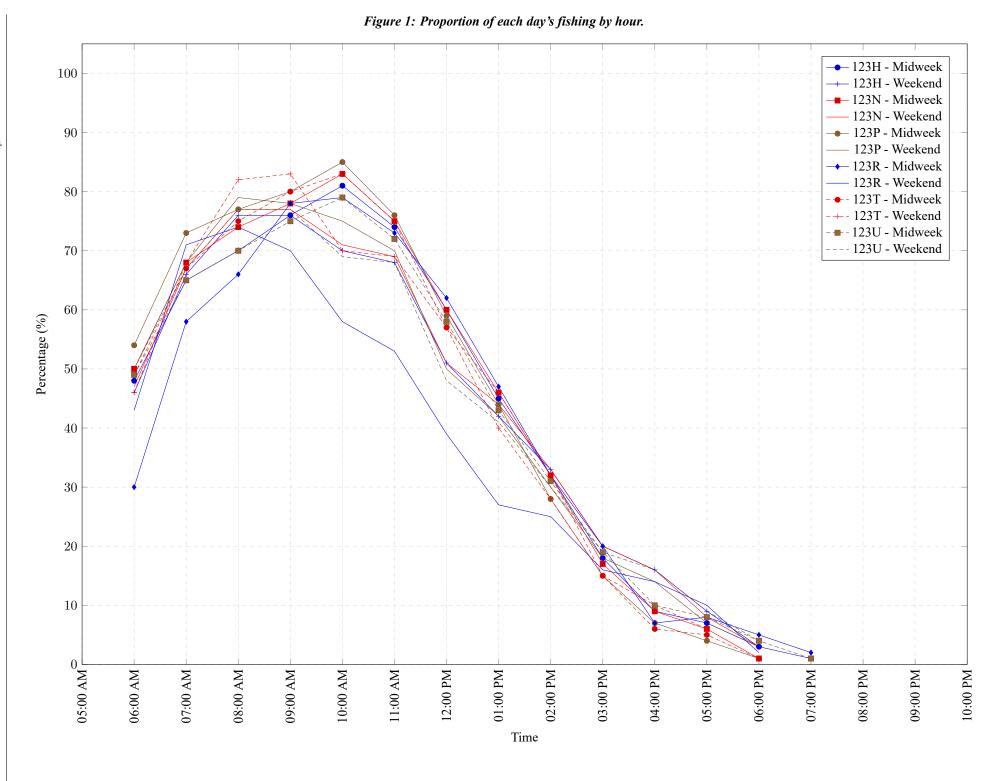
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	July	2611	7878	1897	38	2582
2018	July	2417	5674	2134		1896
2019	July	3373	7933	1405		2088
2020	July	1476	3212	1188	0	1772
2021	July	2179	4906	2981	2	3170
2022	July	1675	3889	1349	10	1892
5-Yr Avg	July	2411	5921	1921	13	2302

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch		Creel Submission Rate	iRec Marked Catch		iRec Submission Rate	Sport Head Recoveries
Coho	1004	85%	4%	844	63%	5%	40
Chinook	788	30%	17%	545	27%	24%	133

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	399	62%
iRec Anglers	2796	60%



Area 123 July 2022

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										
123H	Midweek	48%	65%	70%	76%	81%	74%	60%	45%	32%	18%	9%	7%	3%	1%	0%	0%	0%
123H	Weekend	46%	66%	76%	76%	70%	68%	51%	42%	33%	20%	16%	9%	3%	0%	0%	0%	0%
123N	Midweek	50%	68%	74%	78%	83%	75%	60%	46%	32%	17%	9%	6%	1%	0%	0%	0%	0%
123N	Weekend	47%	67%	77%	77%	71%	69%	51%	44%	33%	20%	16%	8%	3%	0%	0%	0%	0%
123P	Midweek	54%	73%	77%	80%	85%	76%	59%	44%	28%	15%	7%	4%	1%	0%	0%	0%	0%
123P	Weekend	50%	68%	79%	78%	75%	70%	50%	42%	30%	18%	14%	7%	3%	0%	0%	0%	0%
123R	Midweek	30%	58%	66%	78%	79%	73%	62%	47%	32%	20%	7%	8%	5%	2%	0%	0%	0%
123R	Weekend	43%	71%	74%	70%	58%	53%	39%	27%	25%	16%	14%	10%	2%	0%	0%	0%	0%
123T	Midweek	49%	67%	75%	80%	83%	75%	57%	46%	32%	15%	6%	5%	1%	0%	0%	0%	0%
123T	Weekend	46%	68%	82%	83%	70%	69%	57%	40%	28%	15%	10%	6%	0%	0%	0%	0%	0%
123U	Midweek	49%	65%	70%	75%	79%	72%	58%	43%	31%	19%	10%	8%	4%	1%	0%	0%	0%
123U	Weekend	50%	67%	77%	77%	69%	68%	48%	41%	30%	19%	16%	9%	4%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	China Creek	Clutesi Ramp	Eagle Marine (Fuel Dock)	Island West	McKay Bay Gas Dock	Mills Landing	Poett Nook	Tofino Resort and Marina	Ucluelet Gov Dock
28 Jun 2022	Midweek									frequent
29 Jun 2022	Midweek					choppy				whitecaps
30 Jun 2022	Midweek		calm/rippled			emerp)				calm/rippled
01 Jul 2022	Weekend		- Санта гаррачи	calm/rippled			choppy			• · · · · · · · · · · · · · · · · · · ·
02 Jul 2022	Weekend			calm/rippled						
03 Jul 2022	Weekend			11	calm/rippled	choppy				
04 Jul 2022	Midweek						choppy			choppy
05 Jul 2022	Midweek						FF7			choppy
06 Jul 2022	Midweek			calm/rippled						J. I. Spp.
07 Jul 2022	Midweek			ошин прриос		choppy				calm/rippled
08 Jul 2022	Midweek				calm/rippled	ысрру	choppy			• · · · · · · · · · · · · · · · · · · ·
09 Jul 2022	Weekend				outilit inpprou	choppy	торру			
10 Jul 2022	Weekend					choppy				choppy
11 Jul 2022	Midweek			choppy		торру				торру
12 Jul 2022	Midweek			торру						frequent
12 341 2022	Wild Week									whitecaps
13 Jul 2022	Midweek						frequent			frequent
15 541 2022	Wild Week						whitecaps			whitecaps
14 Jul 2022	Midweek		choppy		calm/rippled		wintecaps			wintecaps
15 Jul 2022	Midweek		спорру		синилириса			choppy		frequent
13 341 2022	Midweek							спорру		whitecaps
16 Jul 2022	Weekend			choppy	calm/rippled					wintecups
17 Jul 2022	Weekend			спорру	cum/rippied		choppy			choppy
18 Jul 2022	Midweek					choppy	спорру			choppy
19 Jul 2022	Midweek					спорру				choppy
20 Jul 2022	Midweek				choppy			choppy		спорру
21 Jul 2022	Midweek				спорру	choppy		спорру		choppy
22 Jul 2022	Midweek			choppy		спорру	choppy			спорру
23 Jul 2022	Weekend			choppy			frequent			
23 341 2022	Weekend			спорру			whitecaps			
24 Jul 2022	Weekend						wintecaps	calm/rippled		
25 Jul 2022	Midweek							cambrippicu		calm/rippled
26 Jul 2022	Midweek	frequent		choppy						camb rippied
20 Jul 2022	MIGWEEK	whitecaps		спорру						
27 Jul 2022	Midweek	wintecaps								choppy
28 Jul 2022	Midweek		calm/rippled		choppy	choppy				спорру
28 Jul 2022 29 Jul 2022	Midweek	frequent	camprippied		спорру	choppy				calm/rippled
2) Jui 2022	MIGWEEK	whitecaps				спорру				cambrippied
30 Jul 2022	Weekend	winccaps				choppy				choppy
31 Jul 2022	Weekend		chonny		calm/rippled	спорру				спорру
01 Aug 2022	Weekend		choppy		choppy				choppy	choppy
02 Aug 2022	Midweek				спорру				спорру	calm/rippled
02 Aug 2022 03 Aug 2022	Midweek			chonny				fraguent		camirippied
11 AHO / H//	MIGWEEK			choppy				frequent		