

Port Moller Test Fishery: Catch Update #24, 5 July 2020.All updates sent by email are also posted online at www.bbsri.org

Date	Daily Catch Index by Station (Est. catch from the 200 fathom net if it had fished for 1 hr)													Mean Daily Catch Index		Raw catches		Mean Length (mm)		
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	S26	for comparison w/ prev y		this year	4½" mesh	5½" mesh	4½" mesh	5½" mesh
														(Stns 2-10)	(Stns 2-22)					
10-Jun	2	4	6	10	13	11	6	3	1	1	1			7	5					
11-Jun	2	3	6	10	14	13	7	3	2	1	1			7	6					
12-Jun	2	0	0	0	60	3	0	0	2	1	1			12	6	27	0	491		
13-Jun	2	3	0	0	60	11	4	13	0	1	1			13	9	15	18	478	495	
14-Jun	2	0	2	0	0	5	23	2	3	1	1			1	4	8	5	515	510	
15-Jun	5	0	0	44	8	5	48	7	3	2	1			11	11	15	30	487	512	
16-Jun	3	5	8	15	23	24	16	8	4	2	2			11	10					
17-Jun	3	10	10	23	13	26	18	10	5	3	2			12	11	12	6	466	508	
18-Jun	3	6	12	21	29	27	18	11	6	4	3			14	13					
19-Jun	3	6	13	19	2	16	0	19	0	5	4			9	8	16	9	491	496	
20-Jun	0	0	2	51	63	34	4	35	4	7	6			23	19	106	36	496	512	
21-Jun	3	6	16	31	41	35	22	15	11	10	8			19	18					
22-Jun	3	6	17	18	98	17	25	17	15	13	11			28	22	15	42	505	523	
23-Jun	2	6	23	37	87	25	19	19	14	1	15			31	23	96	68	495	522	
24-Jun	3	2	8	31	108	47	2	37	75	41	23	0		30	34	87	123	503	527	
25-Jun	0	12	2	34	70	110	33	18	4	3	88			24	34	123	64	502	522	
26-Jun	3	9	28	61	79	65	48	43	47	49	38			36	43					
27-Jun	4	11	34	69	82	67	52	52	62	66	49			40	50					
28-Jun	5	14	41	76	83	65	54	59	77	84	61			44	56					
29-Jun	6	18	49	83	81	73	22	73	43	101	72			47	57	44	49	512	529	
30-Jun	7	22	14	90	84	30	23	156	94	84	83			44	63	126	160	513	525	
1-Jul	9	27	19	96	76	40	68	70	110	130	93			45	67	70	57	509	527	
2-Jul	10	33	81	265	81	36	65	71	184	70	168			94	97	278	133	512	528	
3-Jul	12	10	133	198	6	30	41	91	147	336	0	0		72	91	259	190	512	523	
4-Jul	0	16	393	82	62	43	25	87	151	219	0			111	98	293	306	532	542	
5-Jul	8	23	44	138	291	80	5	156	110	205	119			101	107	218	206	525	549	
6-Jul																				
7-Jul																				
8-Jul																				
9-Jul																				
10-Jul																				
11-Jul																				
12-Jul																				
13-Jul																				
14-Jul																				
15-Jul																				
16-Jul																				
17-Jul																				
Mean Stn Index	4	10	37	58	62	36	25	41	45	55	33	0			Total =	1808 (55%)	1502 (45%)	512	530	
Red index values were estimated with a statistical model built upon the observed pattern across catch indices to date; thus, these values are subject to change as the season progresses.																				

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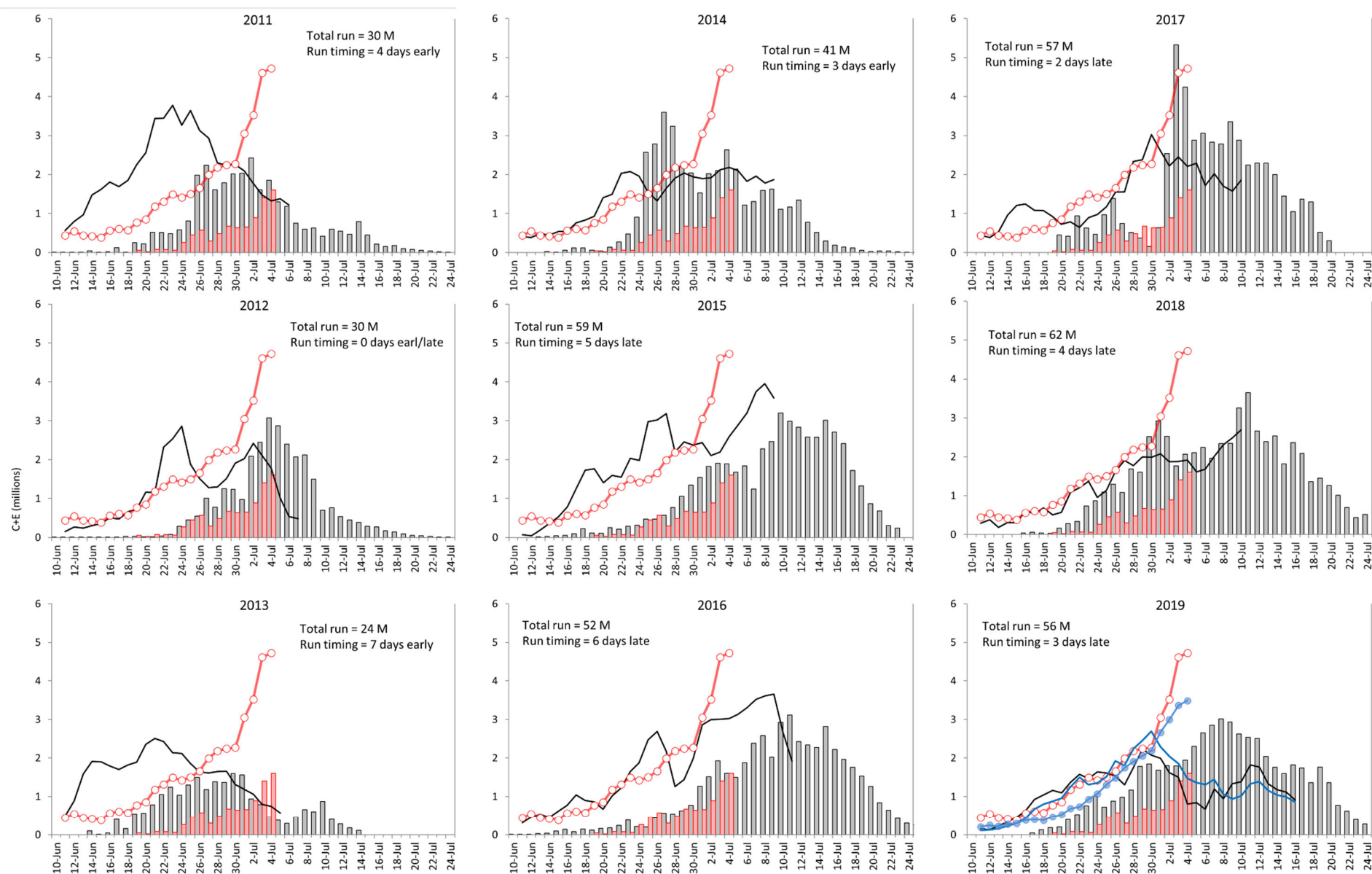


Figure 1. Port Moller daily index and inshore catch + escapement (C+E) for 2011-2020. Gray bars reflect observed C+E for historical years scaled to the left vertical axis; red bars reflect observed C+E for 2020. Black lines are the respective Daily Port Moller Catch Indices for each historical year; the red line is the Daily Catch Index for 2020 based on Stations 2-10 (units for the daily indices are not shown, but all graphs are scaled the same). For the 2019 graph (bottom right), the blue lines are the Daily Catch Indices based on Stations 2-22; the 2020 blue line has been adjusted for fishing a deeper net. All Port Moller Indices represent a 3-day moving average. Run timing for C+E was estimated by comparing each year's date when 50% of the run reached inshore to this average date (July 4) for year's 1987-2019.

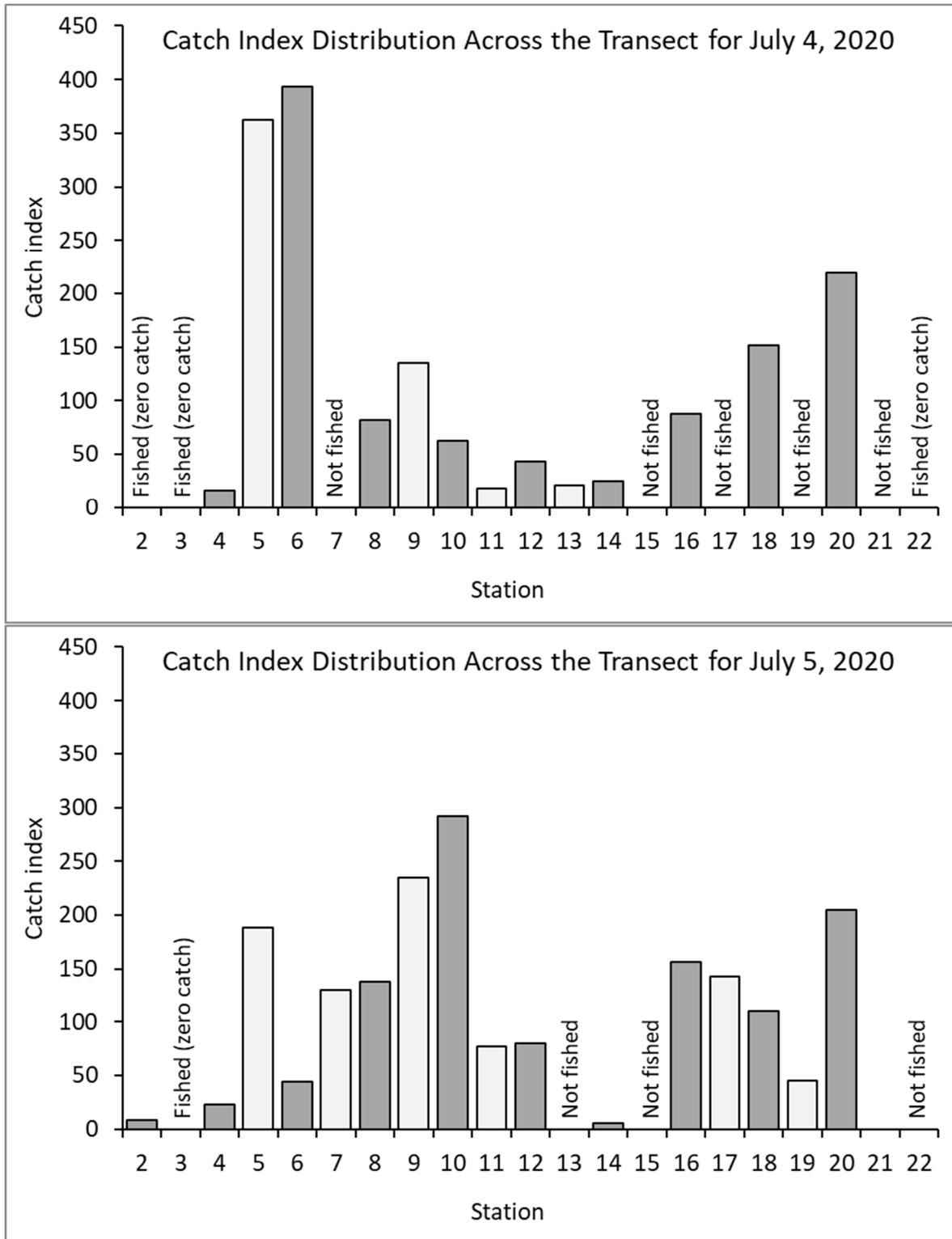


Figure 2. Catch indices by station across the PMTF transect for July 4 and 5, 2020. Odd numbered stations were fished as time and energy allowed.

This figure initially omitted Station 17 results from July 5 when sent out on July 5. Updated here to incl. S17