

Port Moller Test Fishery: Catch Update #20, 1 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)	
														Best for comparison w/ prev years	Best for assessing entry pattern this year	4½" mesh	5½" mesh	4½" mesh	5½" mesh
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	S26	(Stns 2-10)	(Stns 2-22)				
10-Jun	1	2	3	6	8	8	5	3	1	1	0			4	3				
11-Jun	1	2	4	7	11	11	7	3	2	1	1			5	4				
12-Jun	2	0	0	0	60	3	0	0	2	1	1			12	6	27	0	491	
13-Jun	1	2	0	0	60	11	4	13	0	1	1			13	9	15	18	478	495
14-Jun	1	0	2	0	0	5	23	2	3	2	1			1	4	8	5	515	510
15-Jun	5	0	0	44	8	5	48	7	4	2	1			11	11	15	30	487	512
16-Jun	2	3	7	14	22	23	16	9	4	2	2			10	9				
17-Jun	2	10	8	23	13	24	17	10	5	3	2			11	11	12	6	466	508
18-Jun	2	4	9	18	27	26	18	11	7	4	3			12	12				
19-Jun	2	5	11	19	2	16	0	19	0	6	4			8	8	16	9	491	496
20-Jun	0	0	2	51	63	34	4	35	4	8	6			23	19	106	36	496	512
21-Jun	2	5	13	28	40	35	23	16	12	10	8			18	18				
22-Jun	2	5	14	18	98	17	26	18	15	14	12			28	22	15	42	505	523
23-Jun	2	6	23	37	87	25	19	19	14	1	16			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	4	8	19	42	62	59	46	38	38	41	39			27	36				
27-Jun	5	10	22	44	63	61	51	45	48	53	50			29	41				
28-Jun	7	12	25	46	63	63	55	53	59	66	64			31	47				
29-Jun	10	17	30	49	64	73	22	73	43	83	80			34	49	44	49	512	529
30-Jun	14	23	14	90	84	30	23	156	94	84	101			45	65	126	160	513	525
1-Jul	22	33	19	96	76	40	68	88	108	126	126			49	73	70	57	509	527
2-Jul																			
3-Jul																			
4-Jul																			
5-Jul																			
6-Jul																			
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17-Jul																			
Mean Stn Index	4	7	11	32	49	33	23	31	25	25	29	0			Total =	760 (53%)	667 (47%)	502	522

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.

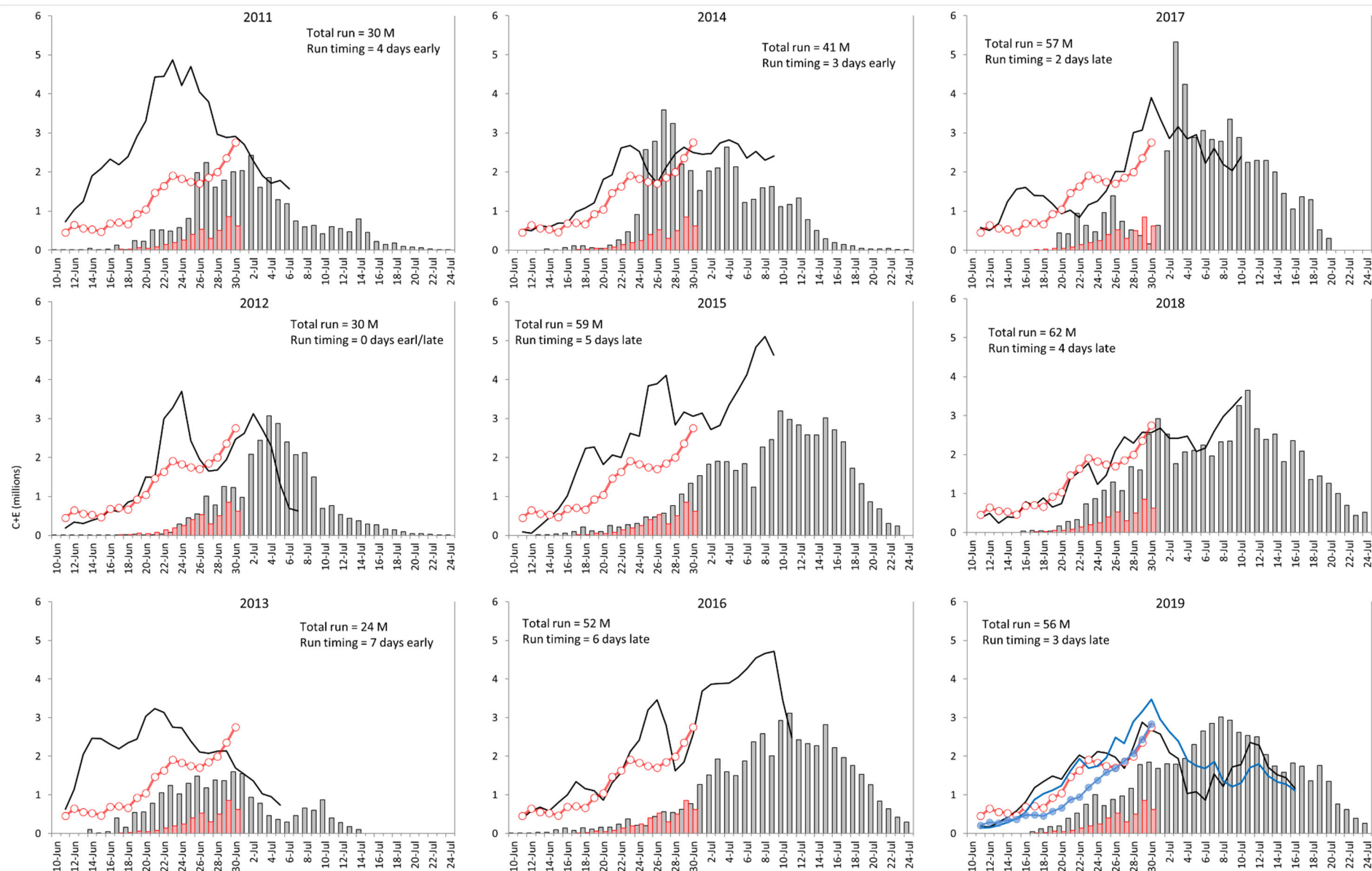


Figure 1. Port Moller daily index and inshore catch + escapement (C+E) for 2011-2020. Gray bars reflect observed C+E for historical years scaled to the left vertical axis; red bars reflect observed C+E for 2020. Black lines are the respective Daily Port Moller Catch Indices for each historical year; 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 for year's 1985-2019.