

Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Monday, June 28, 2021 6:50 PM
Cc: Michael Link
Subject: PMTF Catch Update #18, June 28, 2021
Attachments: PMTF Catch Update #18 June 28 2021.pdf; PortMollerTF_RawData - June 28 2021.pdf

Tonight's catch update.

The Daily Catch Indices fell today, but we will need to see several days of low catch indices to conclude the run has peaked at Port Moller.

PMTF Stock Composition Status: Genetic samples from June 26-27 should be in Port Moller this evening. We will know more about shipping and lab logistics tomorrow, but our goal is to have the samples in the gene lab late tomorrow putting the next stock composition estimate release sometime on Wednesday (June 30).

Summary of today's catch indices as follows:

Index by Station

S2: 18
S4: 9
S6: 37
S8: 186
S10: 30
S12: 19
S14: 89
S16: 36
S18: 144
S20: 30
S22: 0

Scott and Michael

Port Moller Test Fishery: Catch Update #18, 28 June 2021.

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	Best for comparison w/ prev years (Stns 2-10)	Best for assessing entry pattern this year (Stns 2-22)	4½" mesh	5½" mesh	4½" mesh	5½" mesh	
10-Jun	1	3	6	9	8	5	2	1	1	1	1	-	6	4					
11-Jun	0	4	4	17	12	7	3	2	1	1	1	-	7	5	9	3	509	475	
12-Jun	0	6	0	28	17	8	5	3	2	1	1	-	10	6	13	8	480	499	
13-Jun	9	2	58	55	21	0	10	3	7	4	2	-	29	16	68	22	482	498	
14-Jun	2	4	4	2	148	2	0	0	6	0	5	-	32	16	69	27	478	525	
15-Jun	3	8	23	94	52	4	0	0	0	0	0	-	36	17	21	53	479	495	
16-Jun	0	0	0	0	117	62	23	13	9	6	4	-	23	21	34	65	474	514	
17-Jun	2	10	0	64	154	0	77	32	24	15	6	-	46	35	127	103	491	503	
18-Jun	19	0	21	58	50	63	41	21	37	36	10	-	30	32	83	94	493	515	
19-Jun	7	5	41	5	389	173	50	33	26	2	2	4	90	67	296	153	489	498	
20-Jun	0	0	104	252	201	86	21	8	34	0	4	-	111	65	216	149	479	498	
21-Jun	0	7	52	3	21	2	45	13	93	38	28	-	16	27	76	79	499	520	
22-Jun	0	26	89	94	112	76	160	120	69	110	6	-	64	78	222	169	488	515	
23-Jun	8	18	42	82	120	133	125	106	78	44	19	-	54	71					
24-Jun	9	19	43	80	117	136	135	120	88	48	20	-	54	74					
25-Jun	2	0	18	19	96	146	84	183	114	49	19	-	27	66	190	154	492	518	
26-Jun	70	4	27	23	106	168	31	148	242	0	0	-	46	74	262	108	500	523	
27-Jun	0	0	2	192	393	148	53	222	45	52	16	-	117	102	333	378	498	511	
28-Jun	18	9	37	186	30	19	89	36	144	30	0	-	56	54	146	133	504	516	
29-Jun																			
30-Jun																			
1-Jul																			
2-Jul																			
3-Jul																			
4-Jul																			
Mean Stn Index	8	7	30	67	114	65	50	56	54	23	8	4	Total =		2165 (56%)	1698 (44%)	492	511	

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.

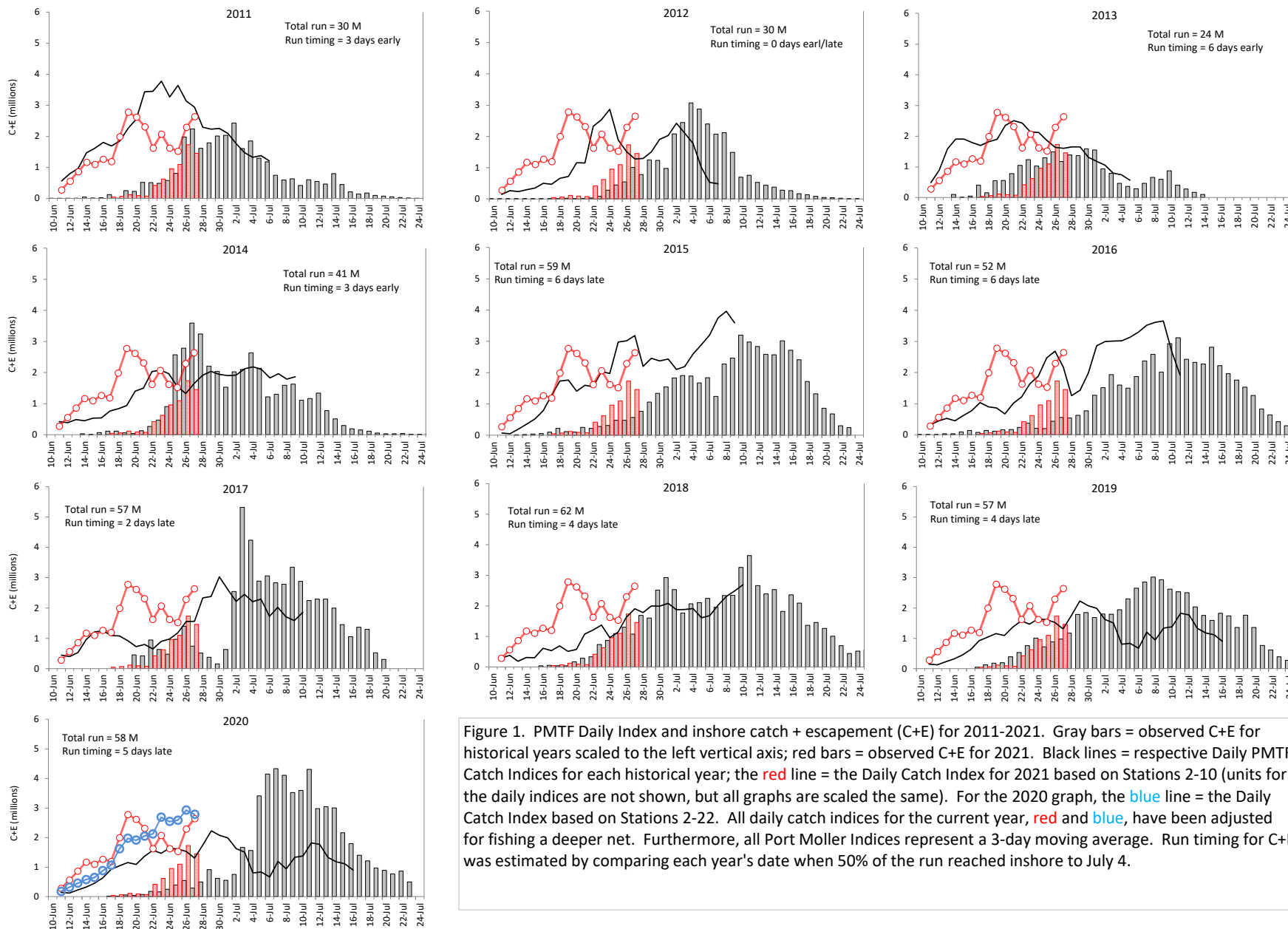


Figure 1. PMTF Daily Index and inshore catch + escapement (C+E) for 2011-2021. Gray bars = observed C+E for historical years scaled to the left vertical axis; red bars = observed C+E for 2021. Black lines = respective Daily PMTF Catch Indices for each historical year; the red line = the Daily Catch Index for 2021 based on Stations 2-10 (units for the daily indices are not shown, but all graphs are scaled the same). For the 2020 graph, the blue line = the Daily Catch Index based on Stations 2-22. All daily catch indices for the current year, red and blue, have been adjusted for fishing a deeper net. Furthermore, 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 July 4.