Michael Link

From: Scott Raborn <raborn@lgl.com>
Sent: Wednesday, July 01, 2020 1:45 AM
Cc: Michael Link
Subject: PMTF Update #19, June 30
Attachments: Catch Update #19 June 30.pdf; PortMollerTF_RawData - June 30 2020.pdf

Hi Everyone,

Attached are tonight's catch update and the raw data files. The *Ocean Cat* was able to make eight sets today, producing the greatest catch indices thus far this season. The average peak at Port Moller is 6/29, and we will never know what the passage rate was for 6/26-28. However, increased catches today signal the run is probably still building. High catch indices over the next several days will indicate the run is late and likely to reach the preseason forecast.

PMTF Stock Composition Status: We are working to get genetic samples to Port Moller by morning and shipped to Anchorage in the afternoon (7/1). If successful, stock composition estimates from test fishing on 6/29-30 might be available on Thursday (7/2).

Summary of today's catch indices are as follows:

Station	Index
Stn 4	Not fished
Stn 6	14
Stn 8	90
Stn10	84
Stn12	30
Stn14	23
Stn16	156
Stn18	94
Stn20	84

Daily Index (Stations 2-10) = 46
Cumulative Daily Index (Stations 2-10) = 65

All for now,

Scott and Michael

7/1/2020 1:31 AM ADT

Port Moller Test Fishery: Catch Update #19, 30 June 2020.

All updates sent by email are also posted online at www.bbsri.org

	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				
Date	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	S26	(Stns 2-10)	(Stns 2-22)	4½" mesh	5⅛" mesh	4½" mesh	5⅛" mesh
10-Jun	1	1	3	5	8	8	5	3	1	1	0			4	3				
11-Jun	1	2	3	7	10	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	8	15	18	478	495
14-Jun	1	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	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	4	10	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	39	35	23	16	12	10	8			17	17				
22-Jun	2	5	14	18	98	17	26	18	15	14	12			27	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	63	60	46	38	38	41	39			27	36				
27-Jun	5	10	22	44	64	63	52	46	48	52	50			29	41				
28-Jun	7	13	26	47	65	66	58	54	59	65	63			32	48				
29-Jun	10	17	31	51	67	73	22	73	43	82	79			36	50	44	49	512	529
30-Jun	15	25	14	90	84	30	23	156	94	84	98			46	65	126	160	513	525
1-Jul																			
2-Jul																			
3-Jul																			
4-Jul																			
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Mean Stn Index	3	6	10	29	48	33	21	28	21	20	24	0			Total =	690 (53%)	610 (47%)	501	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.

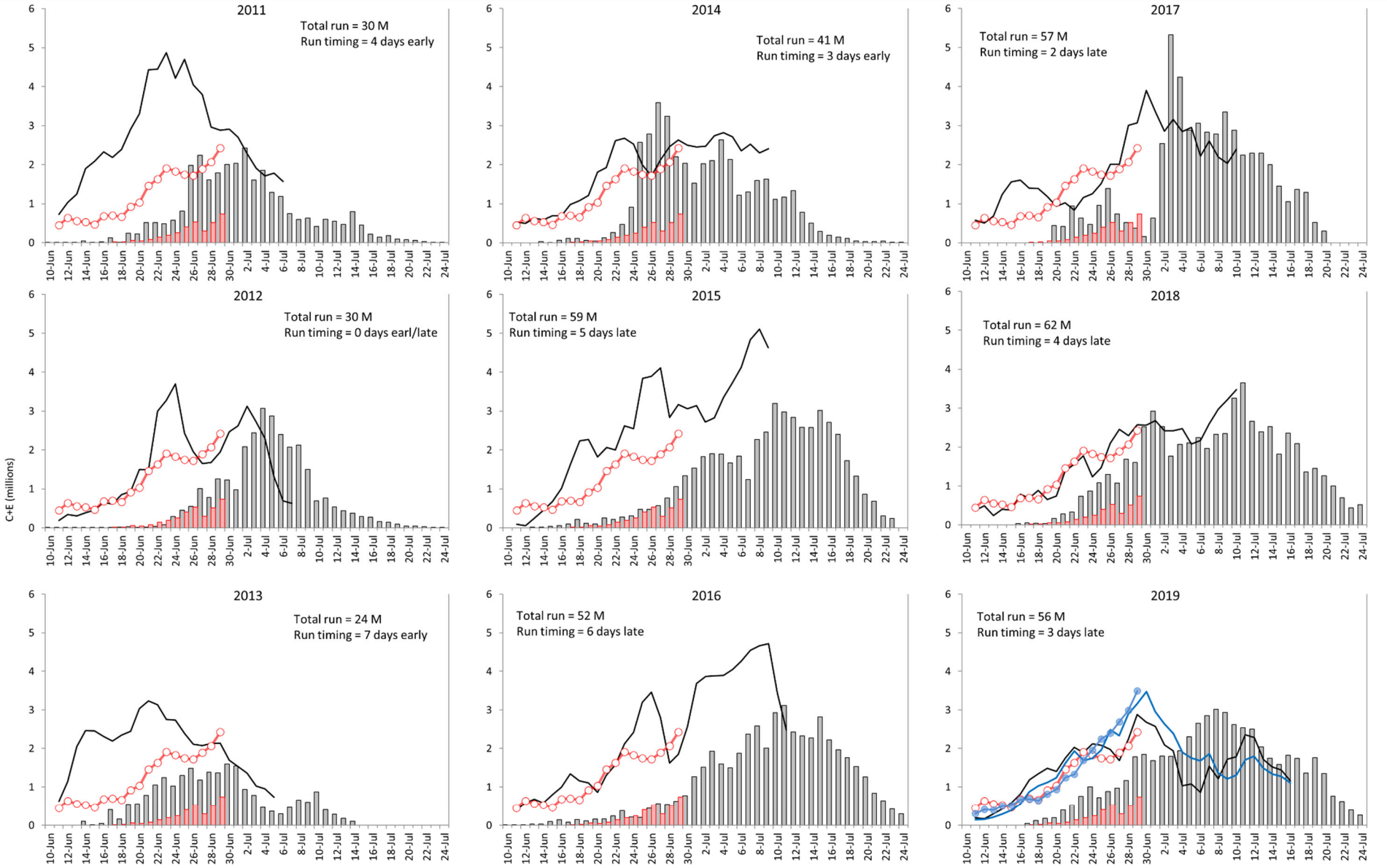

Figure 1. Port Moller daily index and inshore catch + escapement (C+E) for 2011-2020. Gray bars reflect observed C+E for historical years scaled to the left vertical axis; red bars reflect observed C+E for 2020. Black lines are the respective Daily Port Moller Catch Indices for each historical year;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