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Subject: PMTF Catch Update #23, July 2 2022
Date: Saturday, July 2, 2022 8:12:05 PM
Attachments: [PMTF Catch Update #23 July 2 2022.pdf](#)
[PMTF RawData - July 2 2022.pdf](#)
[Figure 1 DailyCatchIndexAndCE 2011-2022.pdf](#)

Attached is tonight's catch update.

Today's Daily Catch Index continues the uptick from the low indices for June 26-29 and is on parr with those observed prior to this drop off. Basically, Port Moller has rallied to an extent. The outer station component is still there, and the inner stations are up from yesterday as well.

We are now estimating about a 9-day travel time. Therefore, we expect C+E to bounce around for the next couple of days, then fall off by July 5 for a few days before rebounding by July 10. We hope to quantify this more tomorrow or the next day, but for now that is what we are comfortable with saying.

PMTF Stock Composition Status: The next stock composition (June 30 and July 1) will be released early tomorrow (July 3).

Index by Station

S1: 0
S2: 8
S4: 36
S6: 62
S8: 0
S10: 2
S12: 0
S14: 25
S16: 237
S17: 86
S18: 141
S20: 17
S22: 0

Scott and Michael

Port Moller Test Fishery: Catch Update #23, 2 July 2022.All updates sent by email are also posted online at www.bbsri.org

Date	Daily Catch Index by Station											Mean Daily Catch Index		Raw catches		Mean Length (mm)	
	(Est. catch from the 200 fathom net if it had fished for 1 hr)											Best for comparison w/ prev years		Best for assessing entry pattern this year			
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	(Stns 2-10)	(Stns 2-22)	4½" mesh	5½" mesh	4½" mesh	5½" mesh
10-Jun	0	1	4	7	9	2	32	0	2	0	0	4	5	14	5	498	562
11-Jun	0	2	6	0	0	79	2	4	0	2	1	2	9	1	53	501	527
12-Jun	0	2	8	7	0	16	2	0	4	2	0	3	4	8	14	529	528
13-Jun	1	0	87	19	2	44	0	7	2	0	8	22	16	58	91	514	531
14-Jun	1	0	2	52	70	134	38	0	0	0	1	25	27	73	94	514	524
15-Jun	2	0	13	42	0	74	65	0	10	0	1	11	19	49	37	501	521
16-Jun	2	0	0	82	247	100	0	0	4	2	2	66	40	117	143	497	523
17-Jun	2	12	323	118	114	213	75	15	6	3	2	114	80	233	220	513	534
18-Jun	0	3	27	36	156	41	0	0	0	2	4	44	24	45	74	504	518
19-Jun	0	5	0	252	194	24	0	48	4	0	3	90	48	125	148	507	532
20-Jun	4	7	111	16	47	0	3	46	2	10	5	37	23	86	35	505	533
21-Jun	5	40	204	45	120	48	6	63	120	3	7	83	60	149	159	505	534
22-Jun	8	0	50	41	4	26	18	38	84	0	0	20	24	85	28	519	530
23-Jun	30	0	155	62	4	25	31	0	9	125	9	50	41	94	128	520	529
24-Jun	0	0	123	238	16	92	7	75	0	0	9	75	51	109	152	513	535
25-Jun	9	3	81	261	31	25	0	96	46	22	8	77	53	115	120	516	536
26-Jun	2	0	0	8	3	0	3	50	45		7	3	12	3	1	488	533
27-Jun	0	0	8	4	4	0	0	82	3	0	6	3	10	23	15	515	526
28-Jun	0	5	3	45	2	4	0	116	90	0	13	11	25	58	69	521	531
29-Jun	0	3	3	0	0	0	0	113	18	0	0	1	12	31	29	528	529
30-Jun	2	8	0	3	16	0	198	198	38	42	5	6	46	111	141	514	534
1-Jul	0	5	31	2	55	0	0	344	3	19	6	19	42	118	130	516	527
2-Jul	8	36	62	0	2	0	25	237	141	17	0	22	48				
3-Jul	-	-	-	-	-	-	-	-	-	-	-						
4-Jul	-	-	-	-	-	-	-	-	-	-	-						
5-Jul	-	-	-	-	-	-	-	-	-	-	-						
6-Jul	-	-	-	-	-	-	-	-	-	-	-						
7-Jul	-	-	-	-	-	-	-	-	-	-	-						
8-Jul	-	-	-	-	-	-	-	-	-	-	-						
9-Jul	-	-	-	-	-	-	-	-	-	-	-						
10-Jul	-	-	-	-	-	-	-	-	-	-	-						
11-Jul	-	-	-	-	-	-	-	-	-	-	-						
12-Jul	-	-	-	-	-	-	-	-	-	-	-						
13-Jul	-	-	-	-	-	-	-	-	-	-	-						
14-Jul	-	-	-	-	-	-	-	-	-	-	-						
15-Jul	-	-	-	-	-	-	-	-	-	-	-						
Mean Stn Index	3	6	57	58	48	41	22	67	27	11	4	Total =		1705 (47%)	1886 (53%)	511	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.

Figure 1. PMTF Daily Index and inshore catch + escapement (C+E) for 2011-2022. Gray area curve = observed C+E for historical years scaled to the left vertical axis; red columns = observed C+E for 2022. Black lines = respective Daily PMTF Catch Indices for each historical year; the red line = a 3-day moving average of the Daily Catch Index for 2022 based on Stations 2-22 (units for the daily indices are not shown, but all graphs are scaled the same). The green line shown for the 2021 panel reflects the 2022 Daily Catch Index without a moving average. Catch Indices for years prior to 2018 represent the average catch-per-unit-effort (CPUE) across Stations 2-10. Furthermore, a shallower net (6 m deep) was used during 2011-2019; beginning in 2020 the net depth has been 11 m deep. Run timing for C+E was estimated by comparing each year's date when 50% of the run reached inshore to July 4. Blue vertical lines highlight July 4 for reference.

