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Subject: PMTF Catch Update #18, June 27 2022
Date: Monday, June 27, 2022 4:03:33 PM
Attachments: [PMTF Catch Update #18 June 27 2022.pdf](#)
[PMTF RawData - June 27 2022.pdf](#)
[Figure 1 DailyCatchIndexAndCE 2011-2022.pdf](#)

Attached is tonight's catch update.

Today's catches were down again at Port Moller. Low catch indices for a couple of days in a row are not completely out of the ordinary even for the large runs observed over the past seven years. However, three days in a row would be very strange, and we expect to see the indices bounce back in the next few days if the run is to reach the preseason forecast.

PMTF Stock Composition Status: The past two days (June 26 and 27) have produced only 38 fish, which is not enough to estimate stock composition. Hopefully, the next two days (June 28 and 29) will be more fruitful.

Index by Station

S2: 0
S4: 0
S6: 8
S8: 4
S10: 4
S12: 0
S14: 0
S16: 82
S18: 3
S20: 0

Scott and Michael

Port Moller Test Fishery: Catch Update #18, 27 June 2022.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	Best for comparison w/ prev years	Best for assessing entry pattern this year	4½" mesh	5½" mesh	4½" mesh	5½" mesh
												(Stns 2-10)	(Stns 2-22)				
10-Jun	0	1	5	8	10	2	32	0	2	0	0	5	6	14	5	498	562
11-Jun	0	2	7	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	2	25	27	73	94	514	524
15-Jun	2	0	13	42	0	74	65	0	10	0	2	11	19	49	37	501	521
16-Jun	2	0	0	82	247	100	0	0	4	3	2	66	40	117	143	497	523
17-Jun	3	13	323	118	114	213	75	14	6	4	3	114	81	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	5	90	48	125	148	507	532
20-Jun	4	7	111	16	47	0	3	46	2	11	6	37	23	86	35	517	533
21-Jun	5	40	204	45	120	48	6	63	120	3	8	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	13	50	41	94	128	520	529
24-Jun	0	0	123	238	16	92	7	75	0	0	13	75	51	109	152	513	535
25-Jun	9	3	81	261	40	25	0	96	38	23	13	79	54	115	120	516	536
26-Jun	2	0	0	8	3	0	3	28	28	18	11	3	9	3	1	488	533
27-Jun	0	0	8	4	4	0	0	82	3	0	8	3	10	23	15	515	526
28-Jun	-	-	-	-	-	-	-	-	-	-	-						
29-Jun	-	-	-	-	-	-	-	-	-	-	-						
30-Jun	-	-	-	-	-	-	-	-	-	-	-						
1-Jul	-	-	-	-	-	-	-	-	-	-	-						
2-Jul	-	-	-	-	-	-	-	-	-	-	-						
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	4	4	67	72	57	52	16	28	18	11	5	Total =		1387 (48%)	1517 (52%)	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.																	

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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 2021 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.

