

## Scott Raborn

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**From:** Scott Raborn  
**Sent:** Monday, July 3, 2023 8:43 PM  
**To:** Jordan Head  
**Cc:** Michael Link  
**Subject:** PMTF Catch Update #23 July 3, 2023  
**Attachments:** PMTF Catch Update #23 July 3 2023.pdf; PMTF\_RawData - July 3 2023.pdf

Attached is tonight's update.

The crews were able to cover Stations 2-24. Tomorrow looks doubtful, but a few sets may be possible early in the day for the inside stations. The R/V Miss Leona will start at Station 10 and attempt as many sets inward as possible.

Strong catch indices at Port Moller continue; moreover, the outside stations picked up. Each day this happens indicates that a later, stronger run is more likely.

**PMTF Stock Composition Status:** Timing for release of the 9<sup>th</sup> stock composition (July 2) could be later tonight, but possibly tomorrow morning.

### Index by Station

S2: 0  
S4: 19  
S6: 166  
S8: 217  
S10: 269  
S12: 72  
S14: 0  
S16: 43  
S18: 5  
S20: 66  
S22: 58  
S24: 15

Mean Daily Index = 83

Scott, Jordan, and Michael



**Port Moller Test Fishery: Catch Update #23, 3 July 2023.**

All updates sent by email are also posted online at [www.bbsri.org](http://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 Avg. Indices Across Stations (Stns 2-22)	Raw catches		Mean Length (mm)	
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24		4½" mesh	5½" mesh	4½" mesh	5½" mesh
10-Jun	1	1	2	4	4	4	3	2	1	1	0	0	2				
11-Jun	1	2	4	6	7	6	3	2	0	0	0	0	3				
12-Jun	0	4	7	10	6	8	4	2	9	0	1	0	4			513	538
13-Jun	2	2	8	5	16	30	0	0	0	0	1	0	6			529	544
14-Jun	4	0	18	17	124	0	5	0	2	0	0	0	15			531	540
15-Jun	0	41	84	2	0	0	2	0	0	0	1	0	12			523	546
16-Jun	0	99	20	62	42	18	6	0	0	0	1	0	23			516	550
17-Jun	9	115	0	2	6	0	2	0	4	1	1	1	13			519	548
18-Jun	0	45	0	82	156	0	0	0	13	0	1	1	27			540	546
19-Jun	0	265	282	227	158	139	0	0	0	1	1	1	97			527	551
20-Jun	0	62	62	75	22	0	5	2	0	2	1	1	21			530	546
21-Jun	0	62	290	60	23	0	0	0	7	2	1	1	40			530	549
22-Jun	0	47	10	88	16	2	0	0	0	2	2	1	15			523	554
23-Jun	0	162	69	103	108	162	0	5	2	0	8	2	56			536	541
24-Jun	2	223	100	216	25	132	6	0	8	0	8	2	65			539	546
25-Jun	23	111	151	128	53	45	0	23	7	2	0	3	49			537	552
26-Jun	0	251	166	16	66	43	12	5	0	0	3	3	51			536	556
27-Jun	5	123	124	39	175	44	58	0	0	4	4	4	52			533	547
28-Jun	0	305	292	159	53	57	47	0	0	4	5	6	84			527	550
29-Jun	0	214	143	209	306	145	47	5	0	0	7	8	98			533	551
30-Jun	0	34	284	243	71	94	126	10	14	8	10	12	81			532	547
1-Jul	13	71	214	248	166	90	39	16	10	11	14	18	81				
2-Jul	10	62	193	133	263	9	5	0	0	16	21	27	65			534	549
3-Jul	0	19	166	217	269	72	0	43	5	66	58	15	83			530	549
4-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
5-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
6-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
7-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
8-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
9-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
10-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
11-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
12-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
13-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
14-Jul	-	-	-	-	-	-	-	-	-	-	-	-					
Mean Stn Index	3	97	112	98	89	46	15	5	3	5	6	5	Total =	2572 (48%)	2816 (52%)	532	549

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 2011-2023. Gray area curve = observed C+E for historical years scaled to the left vertical axis; red columns = observed C+E for 2023. 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 2023 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 2022 panel reflects the 2023 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.

