

Scott Raborn

From: Scott Raborn
Sent: Tuesday, July 2, 2024 8:25 PM
To: Jordan Head
Cc: Michael Link; Scott Raborn
Subject: PMTF Catch Update #23, July 2, 2024
Attachments: PMTF Catch Update #23, July 2, 2024.pdf; PMTF_RawData - July 2 2024.pdf

Please find attached today's catch update table and the raw data. The crews have put forth extraordinary effort this season! The R/V M^{rs} Leona will fish out to Station 26 tonight before stopping (we will report that result tomorrow).

The Daily Catch Index increased again today indicating that a later/larger run is more likely.

PMTF Stock Composition Status: Stock Composition #9 (July 2-3) should be released Thursday (July 4).

Index by Station

S2: 0
S4: 8
S6: 69
S8: 297
S10: 243
S12: 50
S14: 3
S16: 3
S18: 7
S20: 6
S22: 4
S24: 5

Daily Catch Index=63

Scott and Jordan

Port Moller Test Fishery: Catch Update #23, 2 July 2024.

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 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 | 3 | 2 | 0 | 11 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 12 | 2 | 470 | 501 | |
| 11-Jun | 0 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 9 | 0 | 475 | | |
| 12-Jun | 3 | 3 | 5 | 0 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 4 | 7 | 499 | 511 | |
| 13-Jun | 3 | 0 | 0 | 0 | 3 | 0 | 4 | 0 | 2 | 0 | 3 | 0 | 1 | 6 | 1 | 476 | 533 | |
| 14-Jun | 0 | 0 | 8 | 8 | 0 | 22 | 0 | 0 | 3 | 0 | 0 | 0 | 4 | 5 | 11 | 474 | 506 | |
| 15-Jun | 0 | 0 | 0 | 29 | 6 | 7 | 0 | 2 | 0 | 15 | 0 | 0 | 5 | 24 | 5 | 471 | 536 | |
| 16-Jun | 1 | 0 | 0 | 29 | 8 | 28 | 2 | 3 | 7 | 0 | 5 | 0 | 7 | 19 | 19 | 475 | 511 | |
| 17-Jun | 2 | 0 | 56 | 22 | 101 | 0 | 2 | 4 | 11 | 13 | 0 | 2 | 19 | 56 | 51 | 468 | 497 | |
| 18-Jun | 0 | 0 | 42 | 75 | 105 | 22 | 2 | 2 | 4 | 10 | 2 | 2 | 24 | 43 | 79 | 476 | 497 | |
| 19-Jun | 0 | 36 | 25 | 0 | 4 | 54 | 39 | 0 | 75 | 92 | 4 | 4 | 30 | 131 | 34 | 481 | 519 | |
| 20-Jun | 0 | 0 | 136 | 88 | 114 | 43 | 88 | 5 | 0 | 41 | 2 | 0 | 47 | 161 | 113 | 480 | 507 | |
| 21-Jun | 6 | 23 | 56 | 68 | 114 | 150 | 33 | 2 | 0 | 35 | 11 | 7 | 45 | 160 | 97 | 485 | 512 | |
| 22-Jun | 7 | 58 | 73 | 54 | 105 | 21 | 0 | 2 | 6 | 41 | 8 | 0 | 34 | 126 | 67 | 487 | 517 | |
| 23-Jun | 0 | 14 | 62 | 39 | 55 | 23 | 45 | 42 | 34 | 54 | 14 | 0 | 35 | 113 | 79 | 482 | 500 | |
| 24-Jun | 0 | 85 | 130 | 26 | 116 | 5 | 32 | 18 | 30 | 21 | 28 | 2 | 45 | 170 | 60 | 483 | 506 | |
| 25-Jun | 0 | 3 | 132 | 95 | 306 | 73 | 0 | 9 | 108 | 31 | 24 | 14 | 71 | 218 | 183 | 483 | 507 | |
| 26-Jun | 7 | 29 | 219 | 132 | 92 | 44 | 24 | 21 | 25 | 30 | 27 | 18 | 59 | 92 | 43 | 493 | 514 | |
| 27-Jun | 6 | 0 | 203 | 135 | 74 | 5 | 12 | 7 | 21 | 28 | 30 | 23 | 47 | 143 | 70 | 486 | 511 | |
| 28-Jun | 0 | 7 | 90 | 82 | 89 | 2 | 47 | 28 | 14 | 95 | 50 | 0 | 46 | 165 | 67 | 485 | 514 | |
| 29-Jun | 5 | 43 | 4 | 302 | 114 | 25 | 29 | 2 | 8 | 11 | 0 | 27 | 49 | 214 | 113 | 489 | 510 | |
| 30-Jun | 0 | 2 | 3 | 21 | 99 | 35 | 21 | 0 | 0 | 27 | 2 | 39 | 19 | 60 | 51 | 483 | 516 | |
| 1-Jul | 5 | 93 | 124 | 88 | 156 | 46 | 7 | 2 | 0 | 23 | 12 | 104 | 50 | 166 | 110 | 489 | 509 | |
| 2-Jul | 0 | 8 | 69 | 297 | 243 | 50 | 3 | 3 | 7 | 6 | 4 | 5 | 63 | 224 | 174 | 489 | 508 | |
| 3-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 5-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 6-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 7-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 8-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 9-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 11-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 12-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 13-Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Mean Stn Index | 2 | 18 | 63 | 69 | 84 | 29 | 17 | 7 | 16 | 25 | 10 | 11 | Total = | 2321 (62%) | 1436 (38%) | 485 | 508 | |

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 2011-2024. Gray area curve = observed C+E for historical years scaled to the left vertical axis; red columns = observed C+E for 2024. 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 2024 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 2023 panel reflects the 2024 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

