

Scott Raborn

From: Scott Raborn
Sent: Monday, July 1, 2024 10:09 PM
To: Jordan Head
Cc: Michael Link; Scott Raborn
Subject: PMTF Catch Update #22, July 1, 2024
Attachments: PMTF Catch Update #22, July 1, 2024.pdf; PMTF_RawData - July 1 2024.pdf

Please find attached today's catch update table and the raw data.

The Daily Catch Index bounced back today as is often the case at this point in the season. Catch plus escapement for the Kvichak District should increase substantially over the next few days. The stock compositions from Port Moller so far would have to be very wrong for it not to do so. A 40+ million total run seems a safe bet with 50% of C+E occurring no sooner than July 6. Strong Port Moller indices over the next few days would indicate the run is even later and well above 40 million.

PMTF Stock Composition Status: Stock Composition #8 (June 30-July 1) should be released tomorrow (July 2).

Index by Station

S4: 93
S6: 124
S8: 88
S10: 156
S12: 46
S14: 7
S16: 2
S18: 0
S20: 23
S22: 12
S24: 104

Daily Catch Index=51

Scott and Jordan

Port Moller Test Fishery: Catch Update #22, 1 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
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	2	0	0	29	8	28	2	3	7	0	5	0	8	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	29	23	13	71	218	183	483	507
26-Jun	8	33	219	144	101	50	27	22	24	28	25	17	62	92	43	493	514
27-Jun	8	0	203	135	74	5	12	7	21	26	28	22	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	7	93	124	88	156	46	7	2	0	23	12	104	51	166	110	489	509
2-Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	60	77	28	18	7	16	26	10	11	Total =	2097 (62%)	1262 (38%)	484	509

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 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 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

