

Scott Raborn

From: Scott Raborn
Sent: Monday, June 24, 2024 6:47 PM
To: Jordan Head
Cc: Michael Link; Scott Raborn
Subject: PMTF Catch Update #15, June 24, 2024
Attachments: PMTF Catch Update #14, June 23, 2024.pdf; PMTF_RawData - June 24 2024.pdf; 2024 Age Comp_6-24-24.pdf

Please find attached today's catch update table, the raw data, and the 1st age composition released by ADF&G.

The run sampled by the test fishery has indeed been dominated by ocean age-2 fish—81% (age 1.2=68.6% and age 2.2=12.6%).

Below the catch update table, we updated the weight-length relationship for fish measured at the PMTF thus far. The average sized Sockeye caught in the test net through this date was 4.5 lbs (samples from both meshes combined).

The Daily Catch Index has been more or less constant for the last 5 days. North westerly winds averaging ~14 kts for the past four days may be causing catches to be distributed more towards the lower half of the transect. It should be interesting to see when and how these indices translate into inshore catch plus escapement.

PMTF Stock Composition Status: The two vessels have transferred samples from the last two days. A stock composition for June 23-24 samples should be released tomorrow.

Index by Station

S2: 0
S4: 85
S6: 130
S8: 26
S10: 116
S12: 5
S14: 32
S16: 18
S18: 30
S20: 21
S22: 28
S24: 2

Daily Catch Index=45

Scott and Jordan

Port Moller Test Fishery: Catch Update #15, 24 June 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	0	1	1		1	3	12	2
11-Jun	0	0	14	0	0	2	0	0	2	2	0	1	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	1	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	4	23	56	68	114	150	33	2	0	35	11	7	45	160	97	485	512
22-Jun	6	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	-	-	-	-	-	-	-	-	-	-	-	-					
26-Jun	-	-	-	-	-	-	-	-	-	-	-	-					
27-Jun	-	-	-	-	-	-	-	-	-	-	-	-					
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	-	-	-	-	-	-	-	-	-	-	-	-					
Mean Stn Index	1	15	40	30	50	25	17	5	12	22	5	1	Total =	1039 (62%)	625 (38%)	481	507

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.