

Scott Raborn

From: Scott Raborn
Sent: Thursday, June 20, 2024 9:40 PM
To: Jordan Head
Cc: Michael Link; Scott Raborn
Subject: PMTF Catch Update #11, June 20, 2024
Attachments: PMTF Catch Update #11, June 20, 2024.pdf; PMTF_RawData - June 20 2024.pdf

Please find attached today's catch update table, as well as the raw data. We added a figure below the catch update table (see attached) showing the weight-length relationship for samples taken thus far. The average weight of a Sockeye caught in the test net through this date was 4.6 lbs (samples from both meshes combined).

We confirmed that the marine mammals at Station 2 in recent days were Pacific White Sided Dolphins.

Also, note the R/V Miss Leona fished all the way out to Station 26 yesterday, though I sent the update before it was reported (June 19, Station 26 Index=2). The crews are doing an outstanding job this year covering the entire test fishing transect (as they have the previous two years)!

The Daily Catch Index continues to build. The strong Kvichak stock signal from the first stock composition released earlier today was interesting. However, that signal for the Kvichak will need to remain strong before more inference can be drawn.

PMTF Stock Composition Status: The 2nd stock composition covering June 19-20 could be released late tomorrow (Saturday morning if there are delays due sample processing or analysis).

Index by Station

S2: 0
S4: 0
S6: 136
S8: 88
S10: 114
S12: 43
S14: 88
S16: 5
S18: 0
S20: 41
S22: 2
S24: 0

Daily Catch Index=47

Scott and Jordan

Port Moller Test Fishery: Catch Update #11, 20 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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22-Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23-Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24-Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	4	26	24	33	16	13	1	10	16	2	1	Total =	470 (59%)	322 (41%)	477	505

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.

Weight-length Relationship

Data from both meshes combined (n=274)

