

Michael Link

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Sent: Wednesday, June 30, 2021 1:16 AM
Cc: Michael Link
Subject: PMTF Catch Update #19, June 29, 2021
Attachments: PMTF Catch Update #19 June 29 2021.pdf; PortMollerTF_RawData - June 29 2021.pdf

Tonight's catch update. The *Pandalus* was held up today in Port Moller, while the *Ocean Cat* covered as much of the transect as possible.

Test fishery catches gave no indication that the passage rate is decreasing at Port Moller. The indices at Stations 10 and 12 were substantial. Even if we half them, and overcorrect for the deeper net, one must still surmise there were a lot of Sockeye migrating through the center of the transect. Consequently, the Daily Index increased, which suggests the run is not early. High catch indices over the coming days would hint at a later run as we have seen in recent years.

The weather is sketchy for Thursday, but the *Ocean Cat* will make an attempt nonetheless.

PMTF Stock Composition Status: Genetic samples from June 26-27 are in the gene lab; the next stock composition is expected to be released tomorrow (June 30).

Summary of today's catch indices are as follows:

Index by Station

S6: Not fished
S8: 68
S10: 461
S12: 433
S14: 52
S16: 62
S18: 53
S20: 54

Scott and Michael

Port Moller Test Fishery: Catch Update #19, 29 June 2021.

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				Raw catches		Mean Length (mm)	
														Best for comparison w/ prev years		Best for assessing entry pattern this year		4½" mesh	5½" mesh	4½" mesh	5½" mesh
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	S24	(Stns 2-10)		(Stns 2-22)						
10-Jun	1	3	7	10	8	5	2	1	1	1	1	-	6	4							
11-Jun	0	4	4	17	12	6	3	2	1	1	1	-	7	5			9	3	509	475	
12-Jun	0	6	0	28	17	8	4	3	2	1	1	-	10	6			13	8	480	499	
13-Jun	9	2	58	55	21	0	10	3	7	4	2	-	29	16			68	22	482	498	
14-Jun	2	4	4	2	148	2	0	0	6	0	5	-	32	16			69	27	478	525	
15-Jun	2	8	23	94	52	4	0	0	0	0	0	-	36	17			21	53	479	495	
16-Jun	0	0	0	0	117	62	22	13	9	6	4	-	23	21			34	65	474	514	
17-Jun	2	10	0	64	154	0	77	32	24	15	6	-	46	35			127	103	491	503	
18-Jun	19	0	21	58	50	63	41	21	37	36	10	-	30	32			83	94	493	515	
19-Jun	7	5	41	5	389	173	50	33	26	2	2	4	90	67			296	153	489	498	
20-Jun	0	0	104	252	201	86	21	8	34	0	4	-	111	65			216	149	479	498	
21-Jun	0	7	52	3	21	2	45	13	93	38	28	-	16	27			76	79	499	520	
22-Jun	0	26	89	94	112	76	160	120	69	110	6	-	64	78			222	169	488	515	
23-Jun	8	17	39	76	113	126	117	100	76	45	21	-	50	67							
24-Jun	9	19	40	75	112	130	127	112	86	50	22	-	51	71							
25-Jun	2	0	18	19	96	146	84	183	114	51	21	-	27	67			190	154	492	518	
26-Jun	70	4	27	23	106	168	31	148	242	0	0	-	46	74			262	108	500	523	
27-Jun	0	0	2	192	393	148	53	222	45	52	17	-	117	102			333	378	498	511	
28-Jun	18	9	37	186	30	19	89	36	144	30	0	-	56	54			146	133	504	516	
29-Jun	12	23	48	68	461	433	52	62	53	54	13	-	122	116			445	157	335	336	
30-Jun																					
1-Jul																					
2-Jul																					
3-Jul																					
4-Jul																					
Mean Stn Index	8	7	31	66	131	83	49	56	53	25	8	4					Total =	2610 (58%)	1855 (42%)	465	496

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.

