

Michael Link

From: Michael Link
Sent: Sunday, July 11, 2021 4:34 PM
To: 'Dr. Scott Raborn (raborn@lgl.com)'
Cc: Michael Link
Subject: PMTF Catch Update #31, July 11, 2021
Attachments: PMTF Catch Update #31 July 11 2021.pdf

All,

Station 8 today produced an index of 404, the second highest single station index in 2021, so far. The mean index from S2-22 for today (61) was similar to what we saw on either side of the peak. This is quite something for July 11th.

Today was the last day for the Pandalus. The Ocean Cat will fish at least another few days. The OC will start at S16 tomorrow and fish south. Weather looks good for several days The OC fishing 5-6 stations a day should be able to map the mode.

Stock Composition, 7/10-11

We will have these samples in Anchorage Monday night (tomorrow).

Index by Station

S2: Not fished
S4: 1
S6: 0
S8: 404
S10: 135
S12: 38
S14: 16
S16: 29
S18: 18
S20: 10

Michael and Scott

Port Moller Test Fishery: Catch Update #31, 11 July 2021.

! 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)	
	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	Best for comparison w/ prev years	Best for assessing entry pattern this year	4½" mesh	5½" mesh	4½" mesh	5½" mesh
												(Stns 2-10)	(Stns 2-22)				
10-Jun	2	4	7	10	9	6	4	2	2	1	1	6	4				
11-Jun	0	4	4	17	13	8	5	3	2	1	1	7	5	9	3	509	475
12-Jun	0	6	0	28	18	8	6	4	3	2	1	10	7	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	3	4	4	2	148	2	0	0	6	0	5	32	16	69	27	478	525
15-Jun	3	7	19	94	52	4	0	0	0	0	0	35	16	21	53	479	495
16-Jun	0	0	0	0	117	62	21	13	10	7	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	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	9	18	37	76	122	135	118	96	71	43	22	52	68				
24-Jun	9	19	38	77	125	146	133	109	79	47	25	53	73				
25-Jun	2	0	18	19	96	146	84	183	114	50	27	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	29	117	103	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	11	24	52	90	461	335	52	62	53	54	27	127	111	407	208	498	509
30-Jun	10	23	52	97	130	120	90	67	51	37	25	62	64				
1-Jul	9	22	50	94	119	103	75	55	43	33	24	59	57				
2-Jul	0	28	4	272	69	37	41	0	0	13	23	75	44	97	105	492	515
3-Jul	22	7	15	129	120	0	0	23	67	34	4	59	38	53	97	503	523
4-Jul	0	4	0	130	202	16	10	112	38	55	37	67	55	148	80	503	527
5-Jul	6	15	40	79	97	77	7	10	75	0	19	48	39	10	21	524	531
6-Jul	5	14	37	76	94	75	51	37	29	23	18	45	42				
7-Jul	5	13	34	163	60	159	34	55	0	21	16	55	51	111	103	501	521
8-Jul	3	0	0	284	67	45	39	32	38	24	15	71	50	148	82	500	521
9-Jul	4	11	27	52	66	56	39	27	21	16	13	32	30				
10-Jul	4	10	0	25	114	27	14	25	14	4	12	31	23	54	26	508	524
11-Jul	3	1	0	404	135	38	16	29	18	10	16	109	61	137	126	497	521
12-Jul																	
13-Jul																	
14-Jul																	
Mean Stn Index	7	9	27	98	122	73	44	49	45	24	13	Total =		3330 (57%)	2546 (43%)	494	513

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.