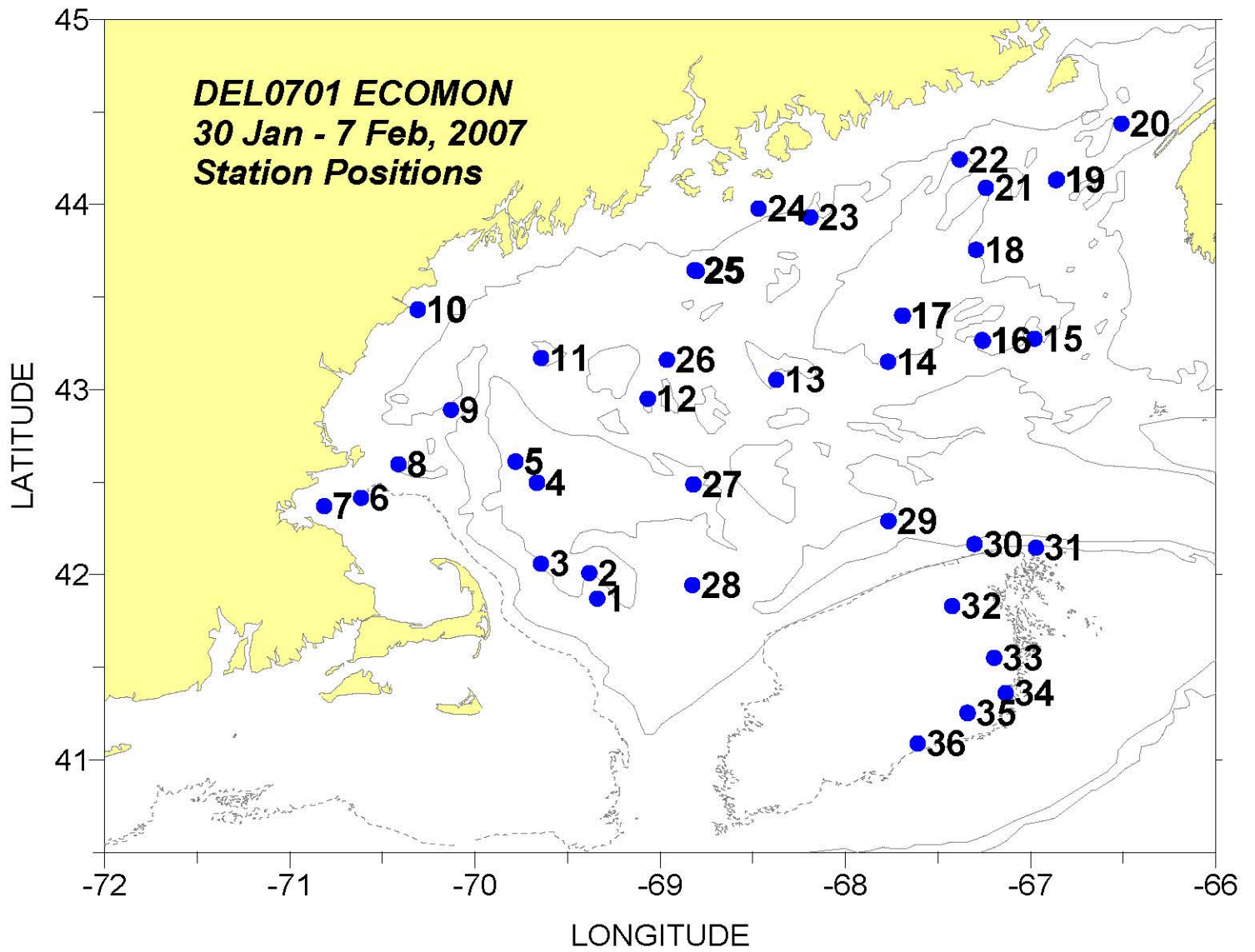


*Oceanography Branch CTD Data Report
2007 Winter ECOMON DEL0701*

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Center, Woods Hole, Massachusetts 02543-1097.**

DATE: 7/10/07



Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the 2007 Winter ECOMON DEL0701

CRUISE	CD	SURFACE						BOTTOM						Purpose
		#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	
Gulf of Maine West														
del0701	32	23	6.53	0.78	0.22	0.53	1	15	7.42	1.82	0.25	0.50	1	22
del0701	32	23	33.20	0.13	0.14	0.14	1	15	33.79	0.34	0.13	0.16	1	22
Gulf of Maine East														
del0701	34	14	5.60	0.25	0.25	0.74	1	11	8.26	0.75	0.30	0.81	1	22
del0701	34	14	32.79	-0.09	0.18	0.30	1	11	34.33	0.16	0.15	0.39	1	22
Georges Bank														
del0701	38	6	5.17	0.12	0.39	0.60	1	6	5.18	0.04	0.36	0.63	1	22
del0701	38	6	32.92	0.04	0.23	0.11	1	6	32.94	0.05	0.22	0.14	1	22

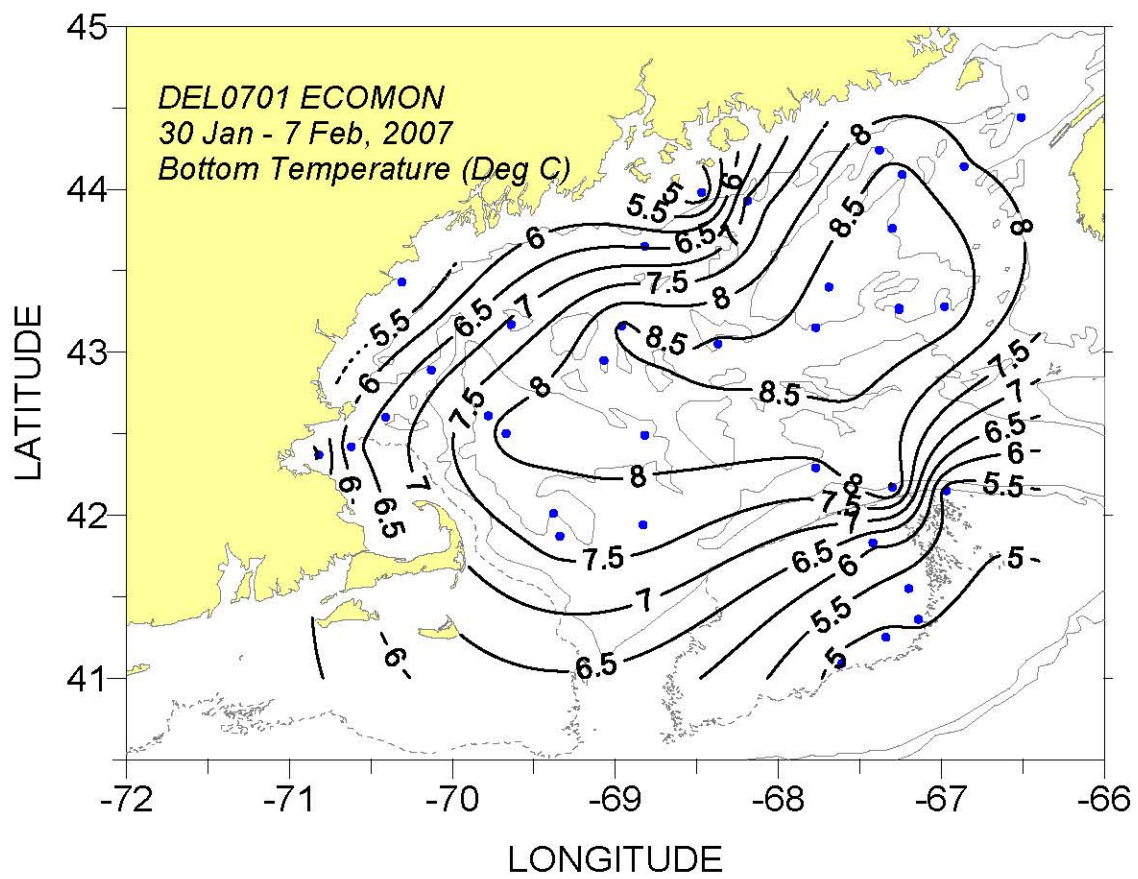
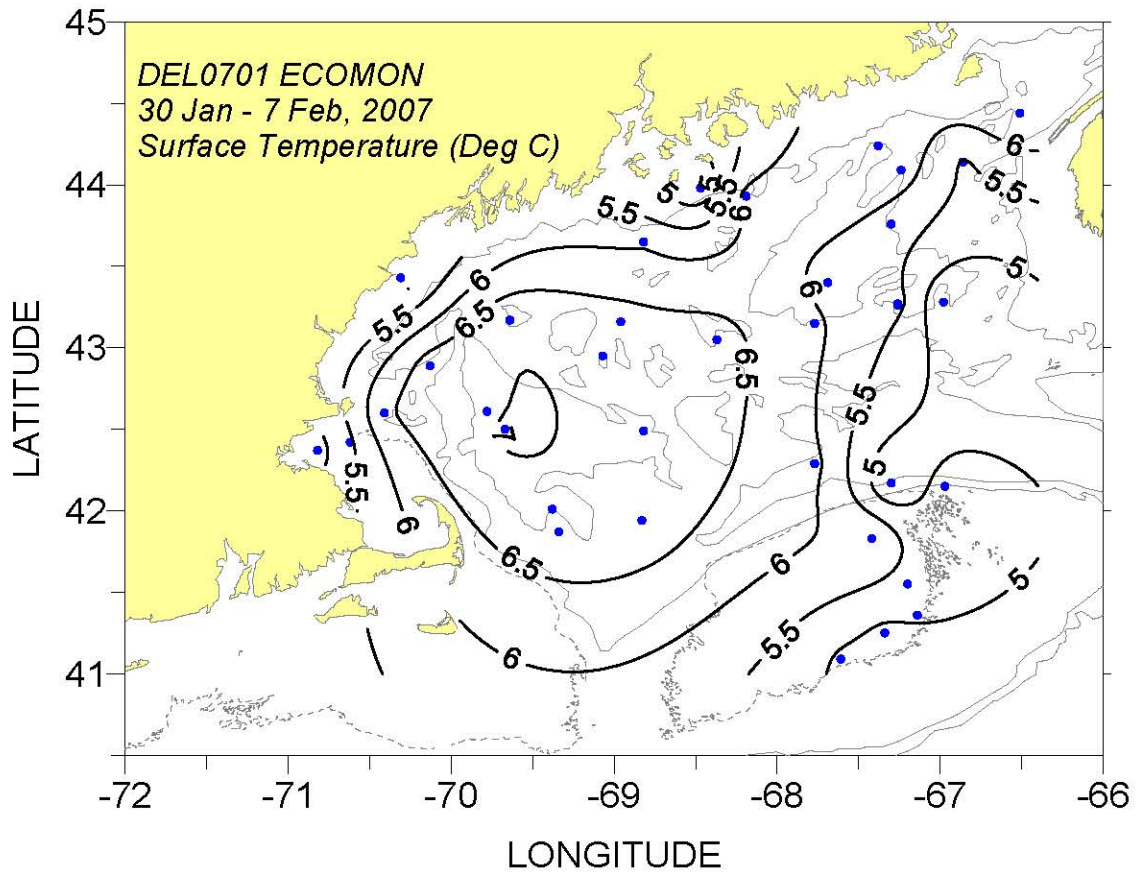
"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:

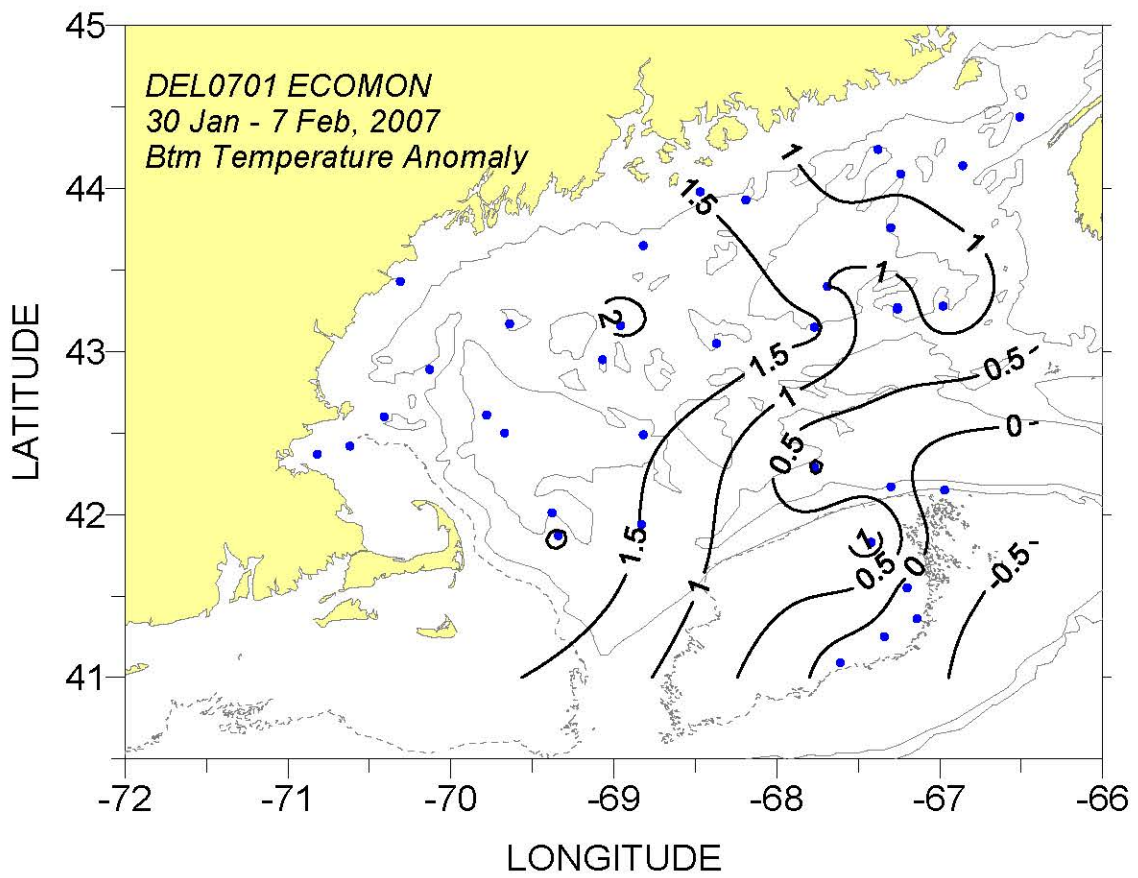
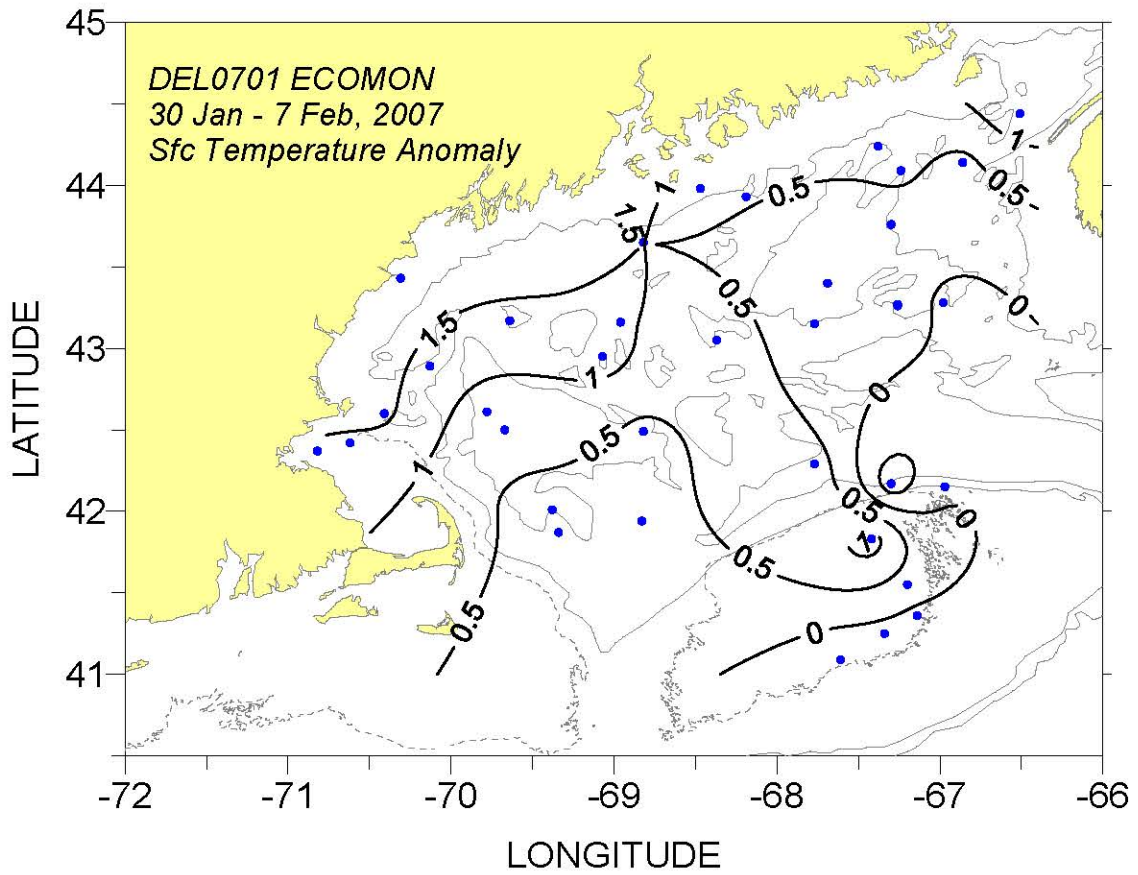
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly:

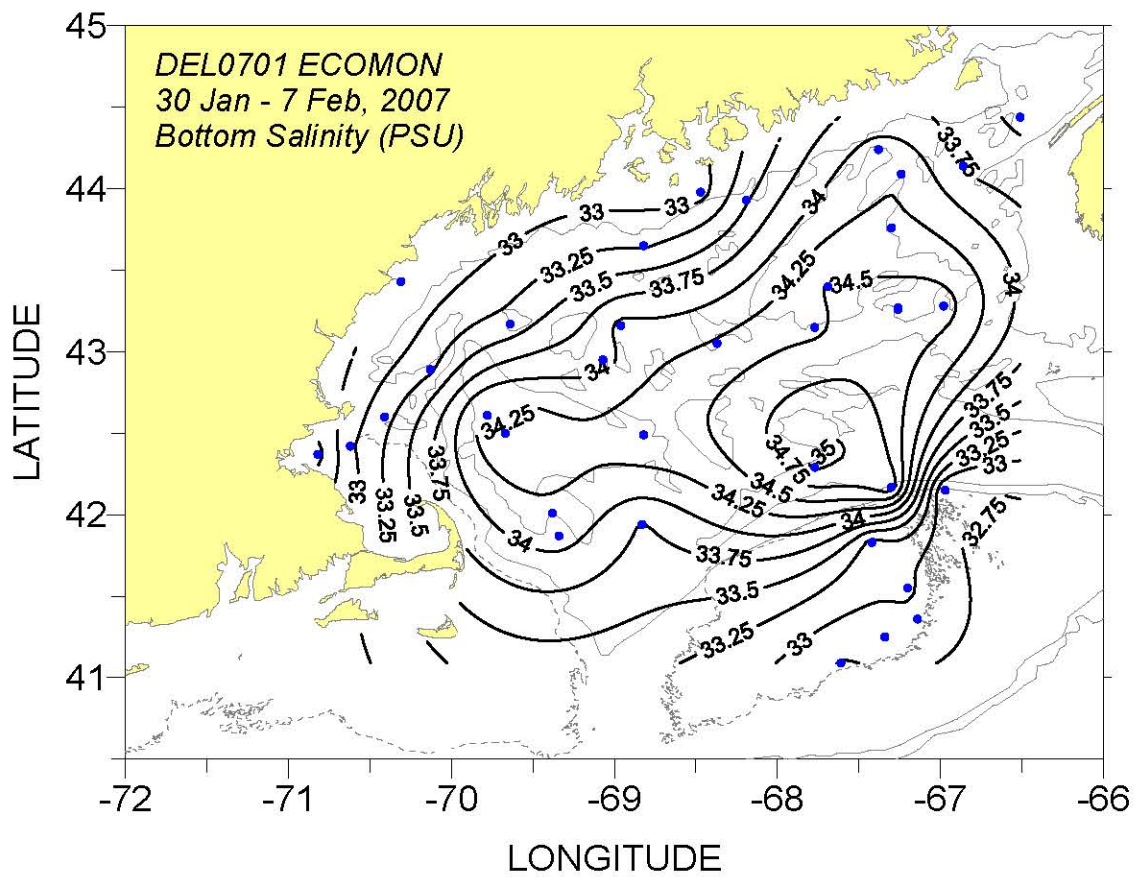
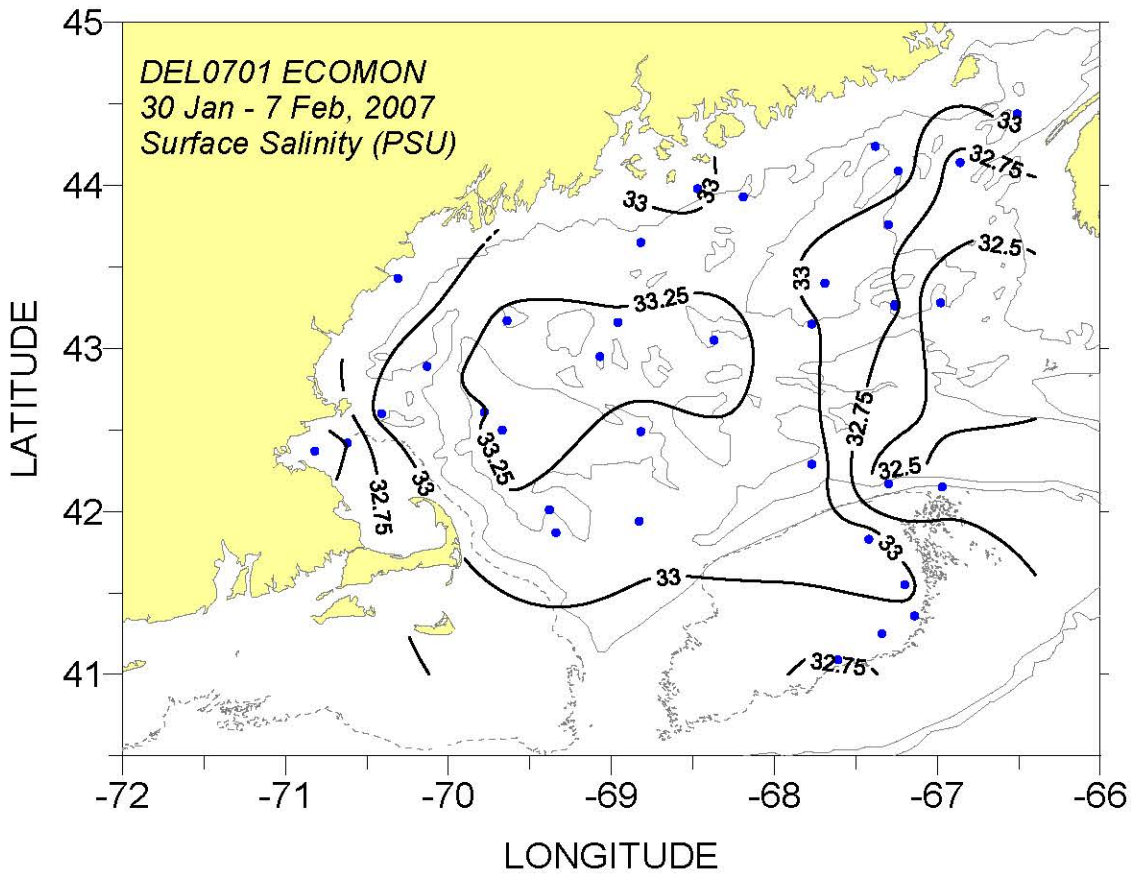
"SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived

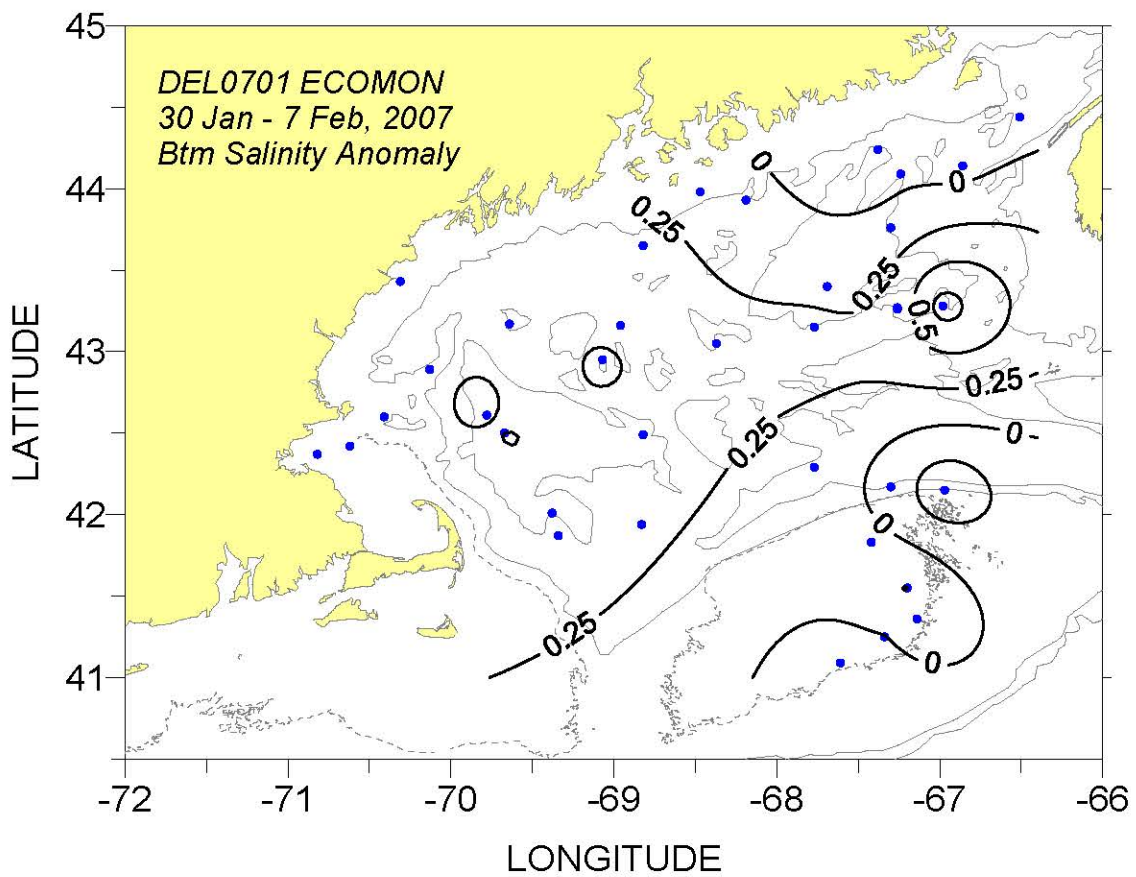
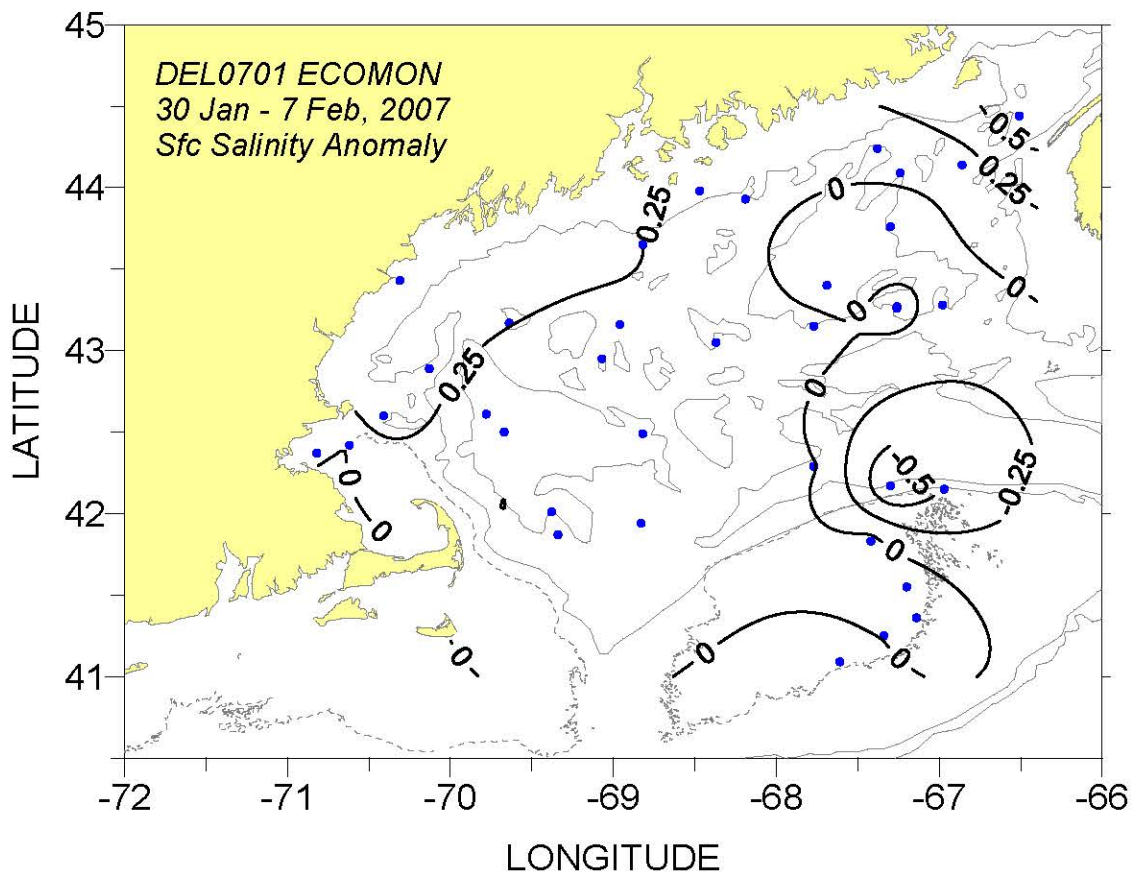
"Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.









DEL0701 WINTER ECOMON
30 January - 7 February, 2007

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	1	4152.2	6920.4	30	1	2007	20:01	195	6.78	33.17	7.71	34.10	6
2	2	4200.5	6923.0	30	1	2007	21:36	211	6.83	33.19	7.68	34.19	11
3	3	4203.5	6938.7	30	1	2007	23:16	220	6.77	33.23	7.86	34.26	22
4	4	4229.8	6940.0	31	1	2007	2:34	251	7.10	33.31	8.13	34.45	5
5	4	4229.8	6939.9	31	1	2007	2:46	255	7.08	33.31	8.16	34.40	54
6	5	4236.7	6946.9	31	1	2007	4:05	232	6.84	33.23	7.87	34.38	4
7	5	4236.6	6946.9	31	1	2007	4:22	232	6.79	33.22	7.85	34.34	32
8	6	4224.9	7036.9	31	1	2007	8:37	81	5.42	32.49	6.38	32.95	5
9	7	4222.2	7048.9	31	1	2007	9:40	31	4.82	32.39	4.95	32.41	6
10	8	4235.8	7024.8	31	1	2007	12:21	96	6.42	33.10	6.63	33.17	6
11	9	4253.4	7007.8	31	1	2007	14:51	65	6.75	33.19	6.75	33.20	6
12	10	4326.0	7018.5	31	1	2007	18:25	43	4.66	32.69	4.81	32.79	3
13	10	4325.8	7018.6	31	1	2007	18:31	43	4.62	32.58	4.89	32.80	6
14	11	4310.2	6938.6	31	1	2007	21:55	76	6.91	33.30	7.10	33.34	3
15	12	4257.0	6904.1	1	2	2007	1:01	193	6.77	33.32	6.85	33.33	92
16	12	4257.0	6904.0	1	2	2007	1:12	198	6.75	33.32	8.26	33.87	6
17	13	4303.2	6822.4	1	2	2007	4:43	206	6.67	33.38	8.56	34.27	7
18	14	4309.0	6746.2	1	2	2007	7:50	180	6.09	33.02	8.61	34.42	4
19	15	4316.5	6658.8	1	2	2007	11:56	176	4.58	32.25	8.83	34.61	6
20	16	4315.8	6715.5	1	2	2007	13:34	221	5.63	32.80	8.83	34.56	7
21	16	4316.0	6715.7	1	2	2007	13:52	217	5.66	32.80	8.85	34.56	19
22	17	4324.0	6741.6	1	2	2007	16:16	245	5.81	32.84	8.65	34.53	2
23	17	4323.9	6741.4	1	2	2007	16:34	244	5.79	32.84	8.67	34.53	46
24	18	4345.3	6717.7	1	2	2007	19:46	182	5.81	32.87	8.80	34.29	5
25	19	4407.9	6651.8	1	2	2007	23:00	170	5.45	32.63	5.91	32.79	119
26	19	4408.1	6651.5	1	2	2007	23:08	165	5.45	32.62	8.04	33.70	5
27	20	4426.2	6630.6	2	2	2007	1:37	198	6.50	33.09	7.66	33.45	3
28	21	4405.4	6714.5	2	2	2007	6:01	205	6.25	33.13	8.58	34.24	4
29	22	4414.6	6723.0	2	2	2007	7:37	215	6.36	33.15	8.40	34.09	16
30	23	4355.9	6811.4	2	2	2007	12:03	165	6.19	33.18	7.13	33.47	7
31	24	4358.7	6828.2	2	2	2007	13:40	61	4.53	32.90	4.57	32.90	4
32	25	4338.4	6848.2	2	2	2007	16:19	119	5.94	33.10	6.22	33.16	76

DEL0701 WINTER ECOMON
30 January - 7 February, 2007

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
33	25	4338.7	6848.8	2	2	2007	16:36	120	5.94	33.09	6.03	33.12	91
34	25	4338.7	6848.9	2	2	2007	16:43	104	5.92	33.10	6.46	33.21	10
35	26	4309.6	6857.8	2	2	2007	19:57	169	6.65	33.26	8.60	34.07	6
36	27	4229.2	6849.3	3	2	2007	0:33	205	6.63	33.17	6.73	33.24	135
37	27	4229.2	6849.3	3	2	2007	0:40	205	6.64	33.16	6.73	33.24	126
38	27	4229.3	6849.2	3	2	2007	0:49	205	6.63	33.16	8.12	34.42	8
39	28	4156.6	6849.6	3	2	2007	4:46	133	6.75	33.03	7.77	33.73	4
40	29	4217.4	6746.1	7	2	2007	2:52	226	6.13	33.15	7.88	35.04	3
41	29	4217.4	6746.0	7	2	2007	3:13	228	6.14	33.13	7.98	35.04	25
42	30	4209.9	6718.2	7	2	2007	5:55	166	4.45	32.27	8.55	34.93	6
43	31	4208.7	6658.3	7	2	2007	7:43	78	5.21	32.67	5.24	32.69	4
44	32	4149.8	6725.4	7	2	2007	10:55	51	6.00	33.12	6.08	33.14	6
45	33	4133.0	6711.8	7	2	2007	12:53	54	5.30	33.02	5.30	33.02	7
46	34	4121.6	6708.1	7	2	2007	14:23	57	5.06	32.96	5.08	32.97	6
47	35	4115.1	6720.4	7	2	2007	16:01	50	4.88	32.87	4.89	32.87	9
48	35	4115.2	6720.5	7	2	2007	16:08	50	4.88	32.87	4.89	32.87	3
49	36	4105.3	6736.6	7	2	2007	18:10	57	4.92	32.67	4.86	32.72	4