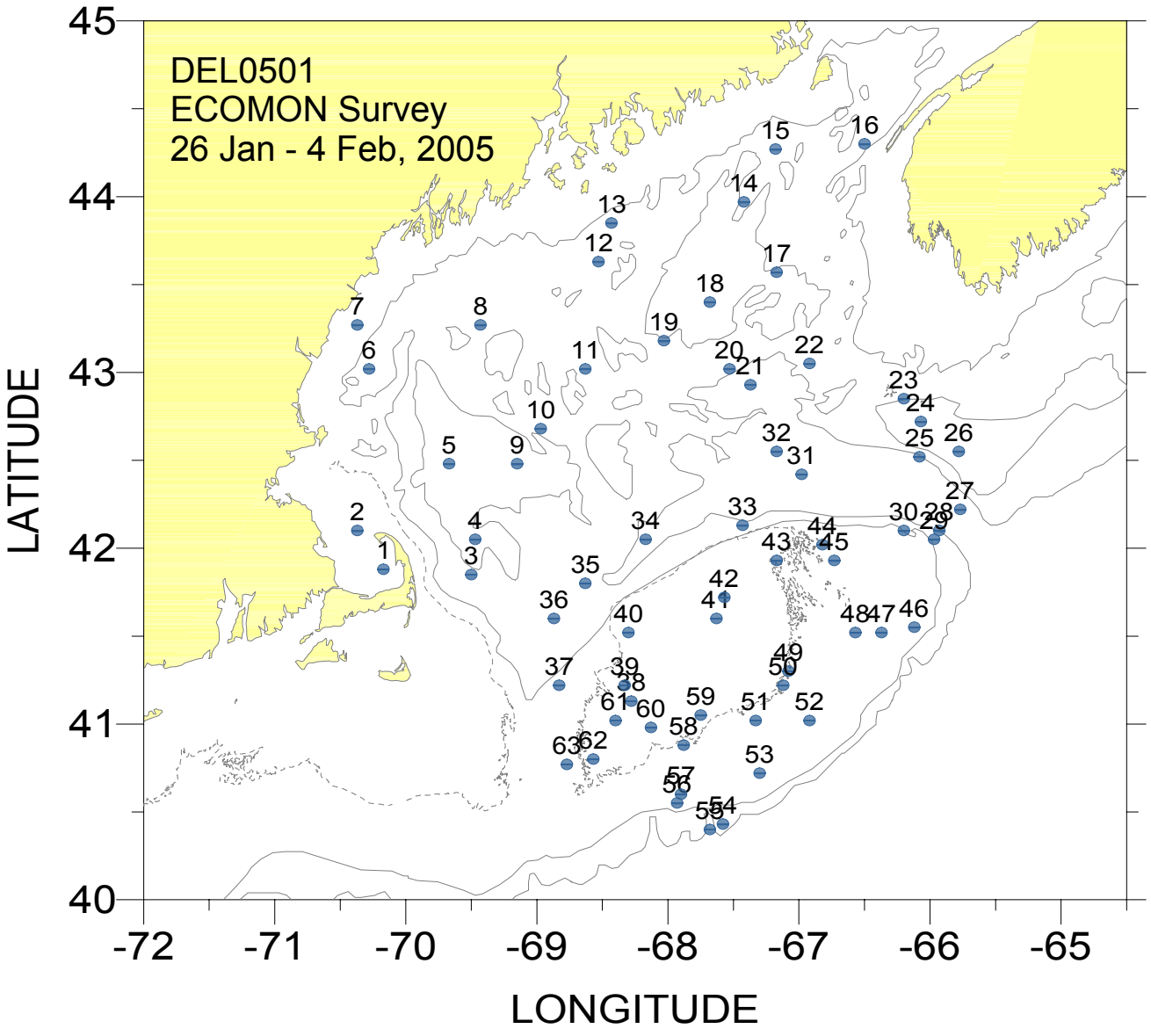
DEL0501
ECOMON Survey
26 Jan - 4 Feb, 2005
LATITUDE
LONGITUDE
45
44
43
42
41
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-72
-71
-70
-69
-68
-67
-66
-65
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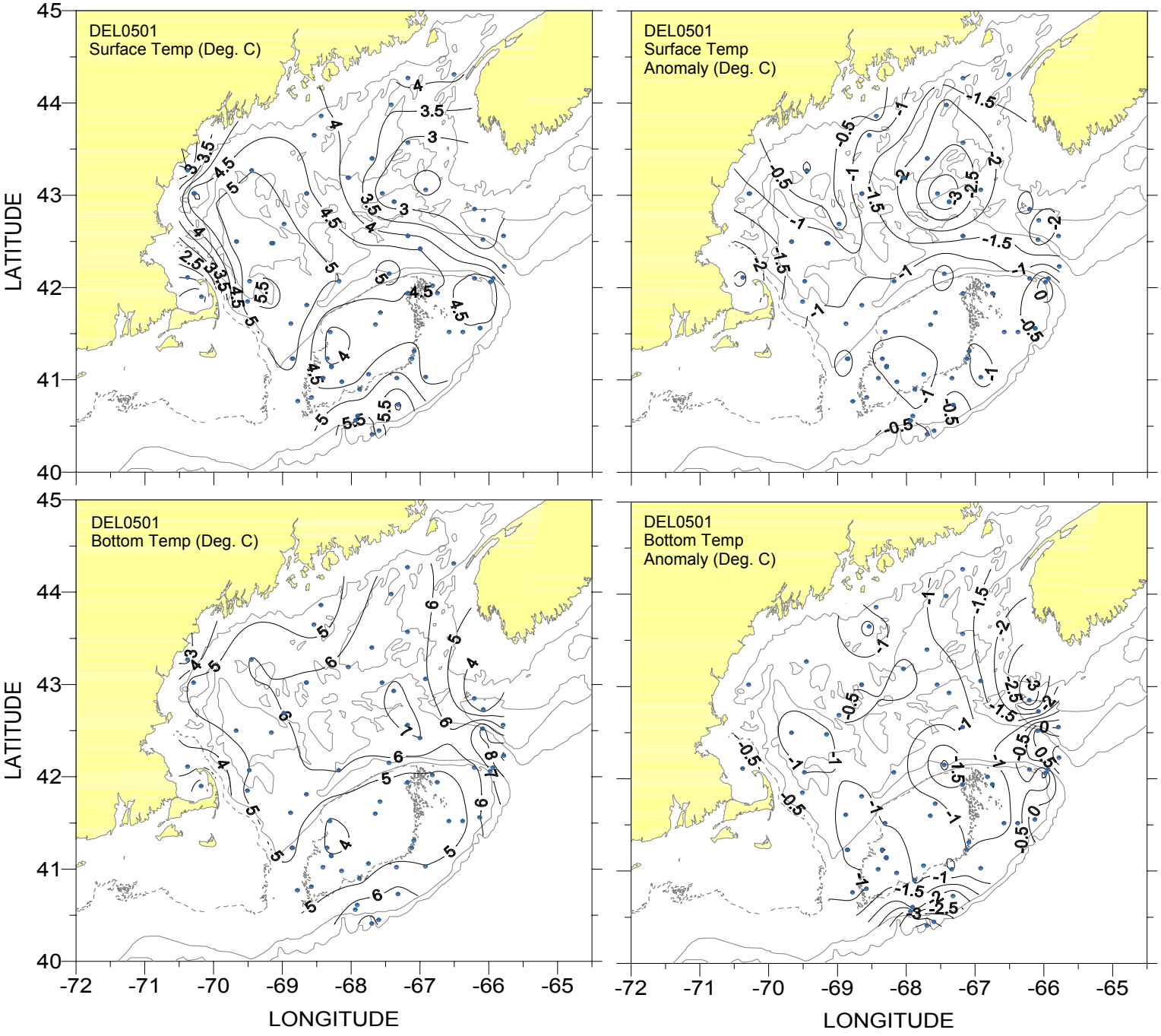
Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the ECOMON Survey DEL0501. (See Mountain, Taylor, and Bascunan, 2004)

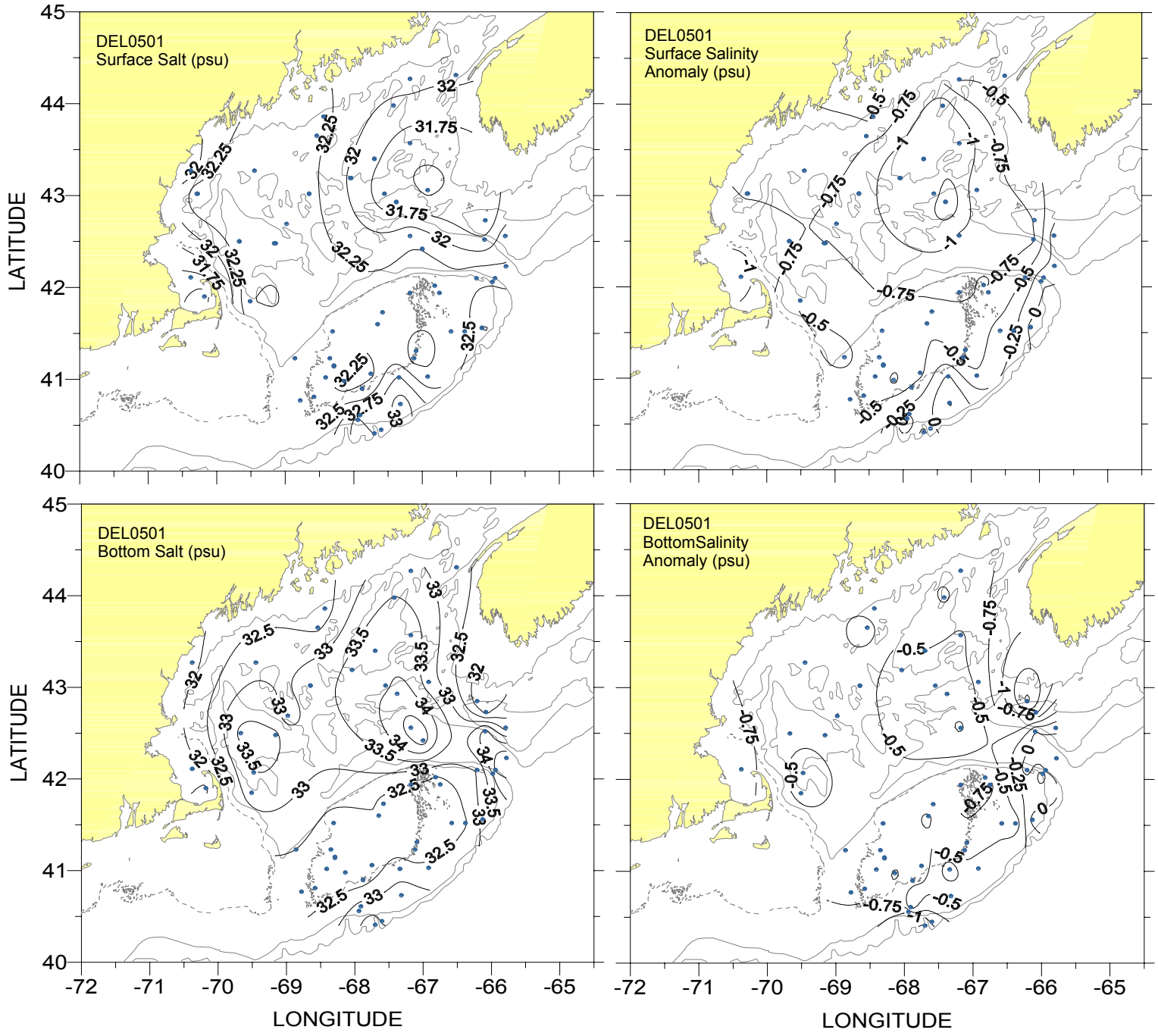
		SURFACE						BOTTOM						
CRUISE	CD	#obs	T / S	Anomaly	SDV1	SDV2	Flag	#obs	T / S	Anomaly	SDV1	SDV2	Flag	Purpose
Gulf of Maine East														
DEL0501	31	15	3.47	-1.89	0.22	1.05	0	30	6.15	-1.18	0.26	1.34	1	22
DEL0501	31	14	31.85	-1.06	0.17	0.63	1	28	33.48	-0.52	0.14	0.69	1	22
Gulf of Maine West														
DEL0501	29	21	4.67	-0.99	0.27	0.92	0	19	5.35	-0.81	0.22	0.46	0	22
DEL0501	29	17	32.28	-0.75	0.17	0.47	1	15	32.88	-0.6	0.14	0.43	1	22
Georges Bank														
DEL0501	33	29	4.69	-0.81	0.19	0.34	1	27	4.78	-1.14	0.2	1.04	1	22
DEL0501	33	28	32.46	-0.44	0.12	0.31	1	26	32.48	-0.57	0.12	0.29	1	22

"CRUISE", the code name for a cruise: "CD", the calendar mid-data of all the stations within a region for a cruise: "# obs", the number of observations included 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 average values 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.


DEL0501
Surface Temp (Deg. C)
DEL0501
Surface Temp
Anomaly (Deg. C)
DEL0501
Bottom Temp (Deg. C)
DEL0501
Bottom Temp
Anomaly (Deg. C)
LATITUDE
LONGITUDE
45
44
43
42
41
40
-72
-71
-70
-69
-68
-67
-66
-65


DEL0501
Surface Salt (psu)
DEL0501
Surface Salinity
Anomaly (psu)
DEL0501
Bottom Salt (psu)
DEL0501
BottomSalinity
Anomaly (psu)
LATITUDE
LONGITUDE
45
44
43
42
41
40
-72
-71
-70
-69
-68
-67
-66
-65

DEL0501 ECOMON SURVEY

26 January - 4 February, 2005

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	1	4153.8	7010.8	26	1	2005	4:50	24	-0.53	31.11	1.43	31.40	6
2	2	4206.4	7022.9	26	1	2005	6:40	59	1.54	31.42	3.56	31.86	5
3	3	4151.2	6930.7	26	1	2005	10:45	185	5.48	32.48	5.29	33.28	5
4	4	4203.9	6928.7	26	1	2005	12:43	195	5.36	99.99	4.99	33.47	4
5	5	4229.8	6940.1	26	1	2005	18:37	251	5.34	32.40	5.30	33.63	6
6	5	4229.8	6940.0	26	1	2005	19:30	250	5.33	32.40	5.14	33.44	50
8	6	4301.0	7017.1	28	1	2005	22:32	151	5.13	32.47	5.60	99.99	4
9	7	4316.3	7022.9	29	1	2005	0:30	35	2.50	31.83	2.60	31.83	5
10	8	4316.2	6926.7	29	1	2005	4:37	156	4.99	32.46	6.07	32.86	5
11	9	4228.9	6908.6	29	1	2005	9:34	222	5.08	32.44	5.39	33.51	23
12	9	4229.0	6909.4	29	1	2005	10:00	223	5.06	32.43	5.38	33.62	2
13	10	4241.2	6858.9	29	1	2005	11:46	151	5.11	32.42	6.03	32.74	7
14	11	4301.2	6838.9	29	1	2005	14:33	188	4.56	32.32	6.23	33.34	4
15	11	4301.1	6838.9	29	1	2005	14:52	187	4.56	32.31	6.22	33.32	5
16	12	4338.8	6832.6	29	1	2005	19:04	155	4.33	32.30	4.50	32.43	5
17	13	4351.4	6826.6	29	1	2005	20:49	117	4.04	32.31	4.17	32.30	6
18	14	4358.9	6725.3	30	1	2005	1:22	188	3.57	31.94	6.54	33.51	6
19	15	4416.3	6711.0	30	1	2005	3:42	184	4.21	32.10	6.27	33.15	4
20	16	4418.5	6630.5	30	1	2005	7:15	202	4.12	32.05	5.73	32.62	6
21	17	4334.1	6710.5	30	1	2005	12:21	209	2.92	31.62	6.68	33.79	9
22	18	4324.1	6741.9	30	1	2005	15:08	244	3.66	31.81	6.74	33.92	5
23	18	4324.2	6742.1	30	1	2005	15:51	245	3.68	31.81	6.60	33.83	46
25	19	4311.1	6802.6	30	1	2005	18:28	192	3.84	31.95	6.41	33.69	5
26	20	4301.1	6732.8	30	1	2005	21:06	191	2.65	31.58	6.80	33.87	5
27	21	4256.0	6722.8	30	1	2005	22:34	243	2.76	31.61	7.17	34.30	3
28	21	4255.7	6722.8	30	1	2005	22:45	243	2.69	31.59	7.13	34.23	42
29	22	4303.7	6655.0	31	1	2005	1:23	181	2.36	31.43	6.09	33.20	6
30	23	4251.2	6612.8	31	1	2005	5:52	133	2.50	99.99	3.22	31.78	5
31	24	4243.7	6604.8	31	1	2005	7:30	67	2.67	31.54	3.37	31.79	5
32	25	4231.3	6605.1	31	1	2005	8:56	191	2.50	31.79	8.39	34.28	6
33	26	4233.7	6547.3	31	1	2005	11:22	83	3.23	32.14	5.48	32.78	5
34	27	4213.7	6546.6	31	1	2005	13:33	217	3.09	32.26	9.33	34.87	4

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
35	28	4206.1	6556.6	31	1	2005	14:48	227	4.39	99.99	7.71	34.65	5
36	28	4206.2	6556.9	31	1	2005	15:13	227	99.99	99.99	7.69	34.66	25
37	29	4203.7	6558.6	31	1	2005	17:23	169	4.80	32.46	6.76	33.93	7
38	30	4206.2	6612.7	31	1	2005	18:49	97	4.71	32.42	5.78	33.02	5
39	31	4225.0	6659.9	31	1	2005	23:07	357	4.49	32.23	7.04	34.75	5
40	31	4225.1	6660.0	1	2	2005	0:04	357	4.71	32.27	7.36	34.48	156
41	32	4233.8	6710.7	1	2	2005	1:36	297	4.03	99.99	7.17	34.70	6
42	32	4233.5	6711.0	1	2	2005	2:00	294	3.97	99.99	7.37	34.54	91
43	33	4208.8	6726.8	1	2	2005	5:04	195	5.41	99.99	5.80	99.99	5
44	34	4203.9	6810.6	1	2	2005	8:45	219	5.01	99.99	6.07	99.99	19
45	35	4148.8	6838.8	1	2	2005	11:37	165	5.21	99.99	5.80	99.99	6
46	36	4136.3	6852.8	1	2	2005	13:33	119	5.29	99.99	5.34	99.99	6
47	37	4113.9	6850.8	1	2	2005	16:04	93	5.10	99.99	5.11	99.99	4
48	37	4113.9	6851.7	1	2	2005	16:37	93	5.24	32.48	5.33	32.49	4
49	38	4108.6	6817.1	1	2	2005	19:31	38	4.04	32.30	4.03	32.30	3
50	38	4108.8	6817.2	1	2	2005	19:38	39	4.02	32.31	4.03	32.31	7
51	39	4113.6	6820.7	1	2	2005	20:19	45	3.94	32.29	3.94	32.29	0
52	40	4131.2	6818.6	1	2	2005	22:10	40	3.87	32.30	3.86	32.30	7
53	41	4136.2	6738.8	2	2	2005	1:21	32	4.09	32.46	4.27	32.51	5
54	42	4143.7	6734.9	2	2	2005	2:25	32	4.10	32.35	4.08	32.36	7
55	43	4156.3	6710.8	2	2	2005	4:52	51	4.43	32.36	4.46	32.36	4
56	44	4201.3	6649.1	2	2	2005	6:48	66	4.88	32.45	4.89	32.45	4
57	45	4156.3	6644.8	2	2	2005	7:43	65	4.34	32.30	4.37	32.30	6
59	46	4133.7	6607.6	2	2	2005	11:33	92	4.52	32.78	5.99	33.14	5
60	47	4131.1	6622.6	2	2	2005	12:58	86	4.46	32.36	4.65	32.43	1
61	48	4131.3	6634.5	2	2	2005	14:13	81	4.42	32.34	4.44	32.34	5
62	49	4118.7	6705.1	2	2	2005	16:46	57	4.57	32.17	4.58	32.17	5
63	50	4113.9	6707.0	2	2	2005	19:10	59	4.62	32.15	4.62	32.15	6
64	51	4101.0	6720.1	2	2	2005	21:55	65	5.16	32.77	5.18	32.78	4
65	52	4101.5	6655.0	3	2	2005	2:07	70	4.32	32.30	5.02	32.62	7
66	53	4043.7	6718.9	3	2	2005	5:37	92	6.13	33.17	6.34	33.28	6
67	54	4026.8	6735.7	3	2	2005	9:43	140	5.34	32.81	6.59	33.40	6
68	55	4024.5	6741.8	3	2	2005	10:55	146	5.60	32.99	7.58	33.83	5
69	56	4033.8	6756.5	3	2	2005	13:15	93	6.11	33.11	6.44	33.25	2
71	57	4036.8	6754.5	3	2	2005	14:19	82	5.48	32.77	6.29	33.16	4
72	58	4053.9	6753.0	3	2	2005	19:37	57	4.66	32.29	4.66	32.31	7

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
73	59	4103.6	6745.0	3	2	2005	21:10	50	4.61	32.18	4.61	32.19	5
74	60	4059.0	6808.3	3	2	2005	23:15	40	4.35	32.06	4.36	32.07	6
75	61	4101.2	6824.5	4	2	2005	0:46	41	4.34	32.31	4.36	32.31	6
76	62	4048.7	6834.5	4	2	2005	2:19	53	4.58	32.25	4.58	32.27	4
77	63	4046.2	6846.7	4	2	2005	3:28	63	4.66	32.26	4.66	32.27	6