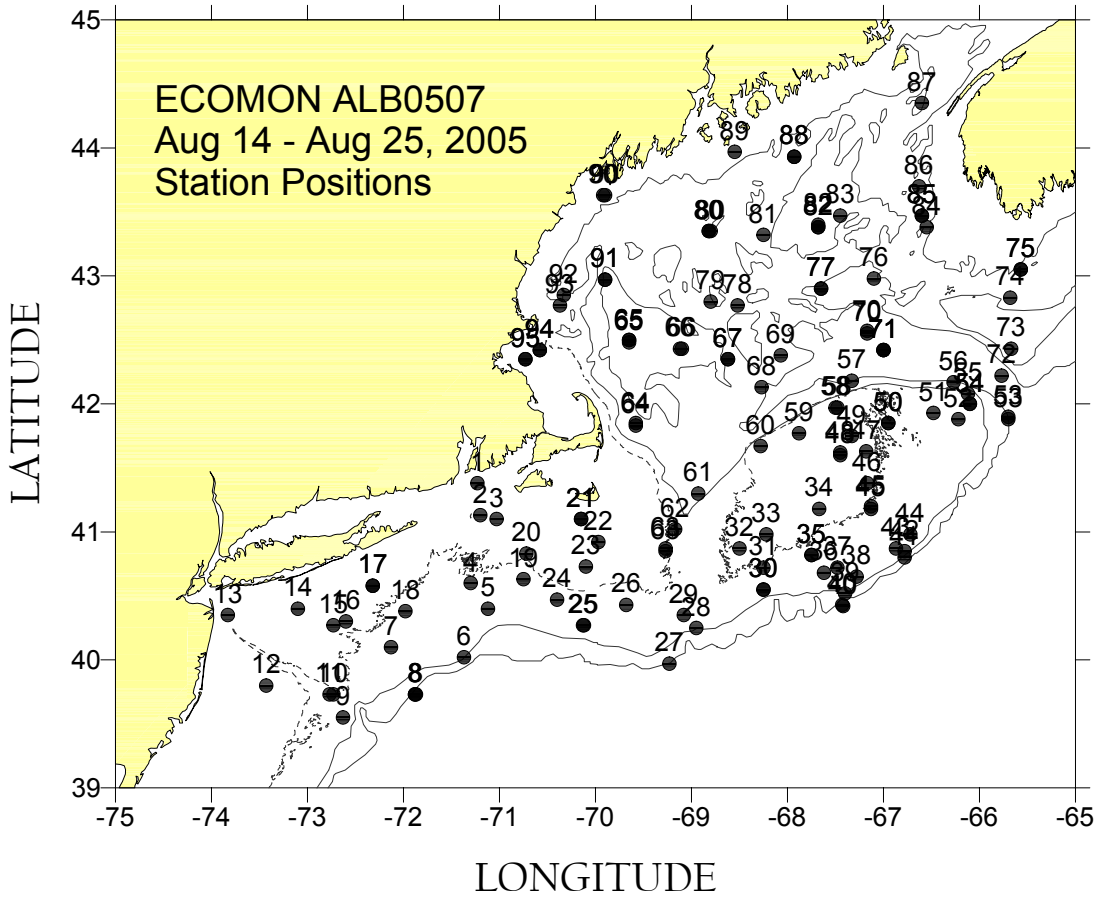

ECOMON ALB0507
Aug 14 - Aug 25, 2005
Station Positions
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65

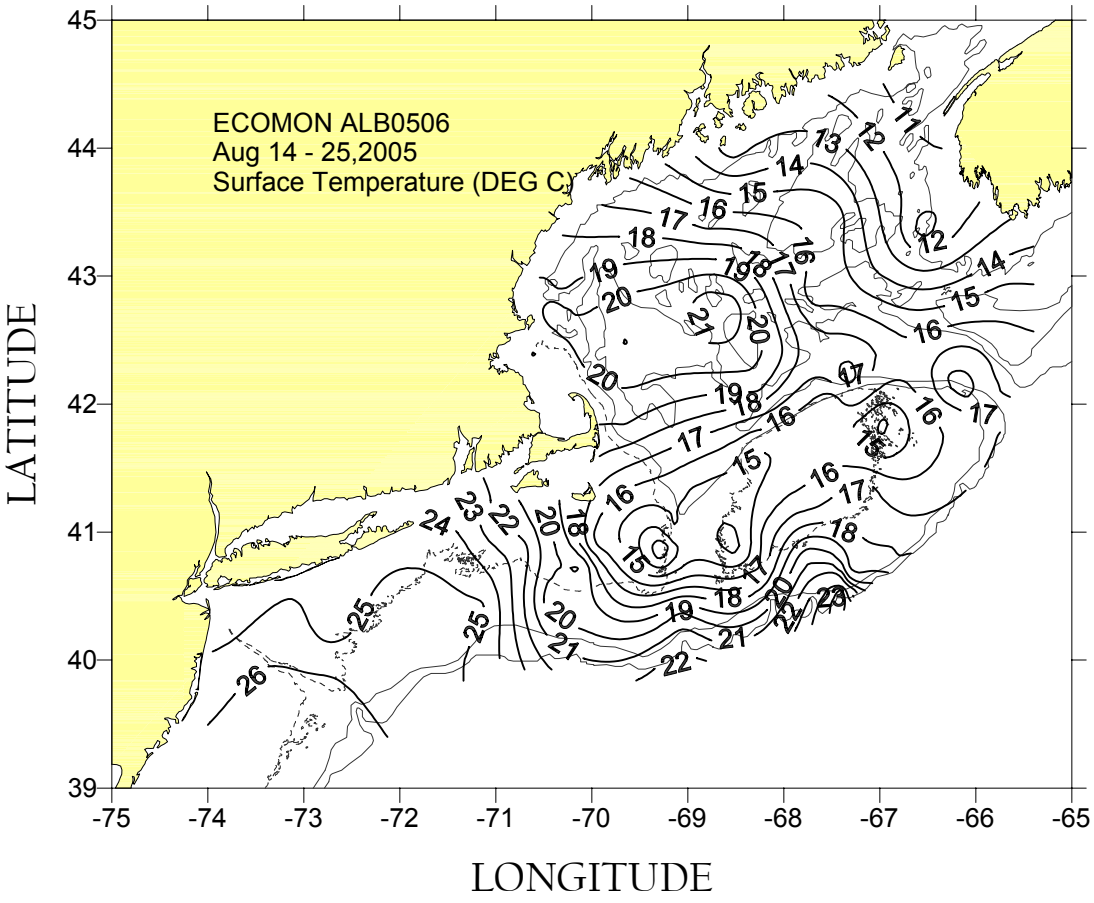
Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the August ECOMON ALB0507

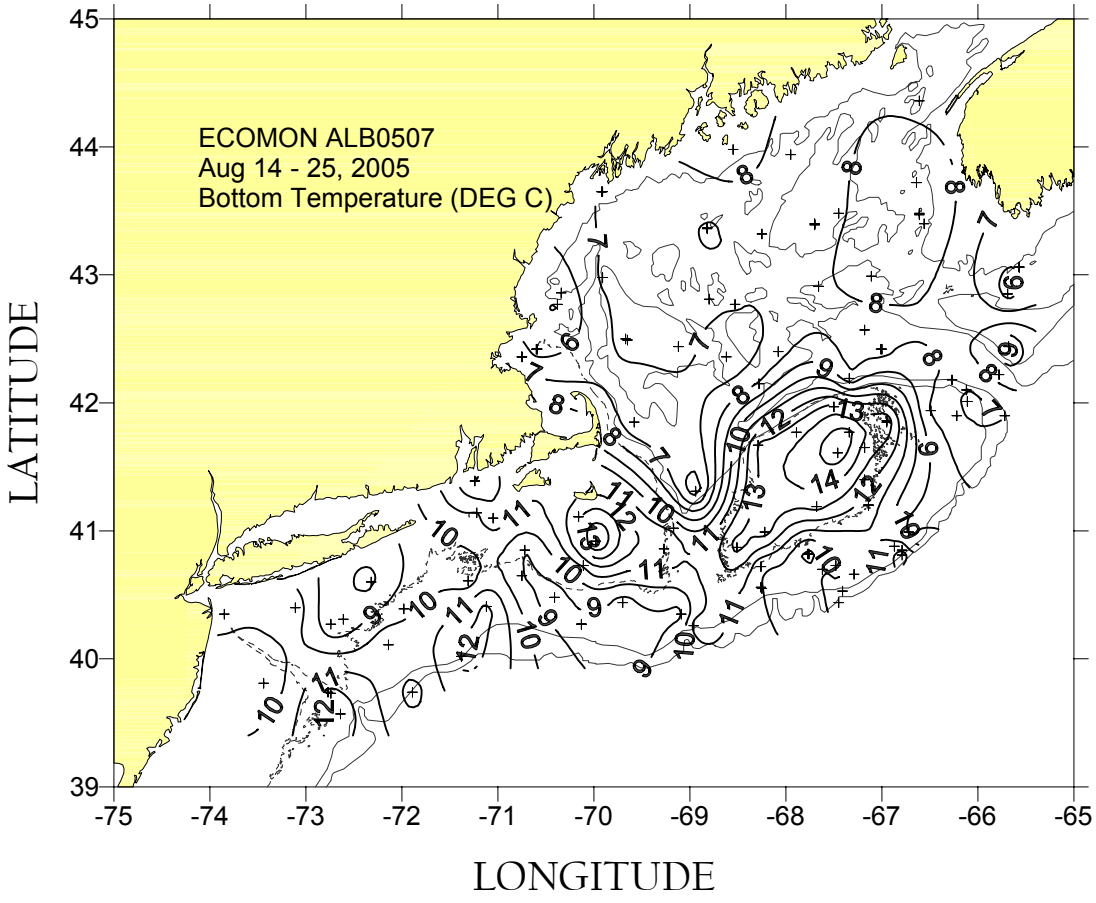
		SURFACE						BOTTOM						
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose
Gulf of Maine East														
ALB0507	234	45	14.90	0.07	0.20	4.91	1	36	8.19	-0.25	0.23	3.46	1	22
ALB0507	234	45	32.04	-0.28	0.15	1.16	1	36	34.10	0.15	0.13	1.20	1	22
Gulf of Maine West														
ALB0507	234	43	18.33	1.71	0.20	3.66	1	33	7.29	0.09	0.21	2.72	1	22
ALB0507	234	43	31.20	-0.82	0.13	0.83	1	33	33.40	-0.16	0.12	0.92	1	22
Georges Bank														
ALB0507	230	40	17.08	1.08	0.17	2.28	0	32	10.88	-0.87	0.21	1.65	0	22
ALB0507	230	40	32.04	-0.65	0.10	0.52	0	32	32.59	-0.45	0.13	0.55	0	22
MAB North														
ALB0507	227	21	23.31	3.25	0.27	2.08	0	16	10.42	0.82	0.30	2.77	0	22
ALB0507	227	21	31.36	-1.07	0.17	0.68	0	16	32.94	-0.34	0.18	0.73	0	22
MAB South														
ALB0507	226	5	25.98	4.34	0.54	1.11	1	5	11.25	2.21	0.59	4.17	1	22
ALB0507	226	5	30.06	-1.74	0.45	0.75	1	5	33.34	0.29	0.35	1.12	1	22

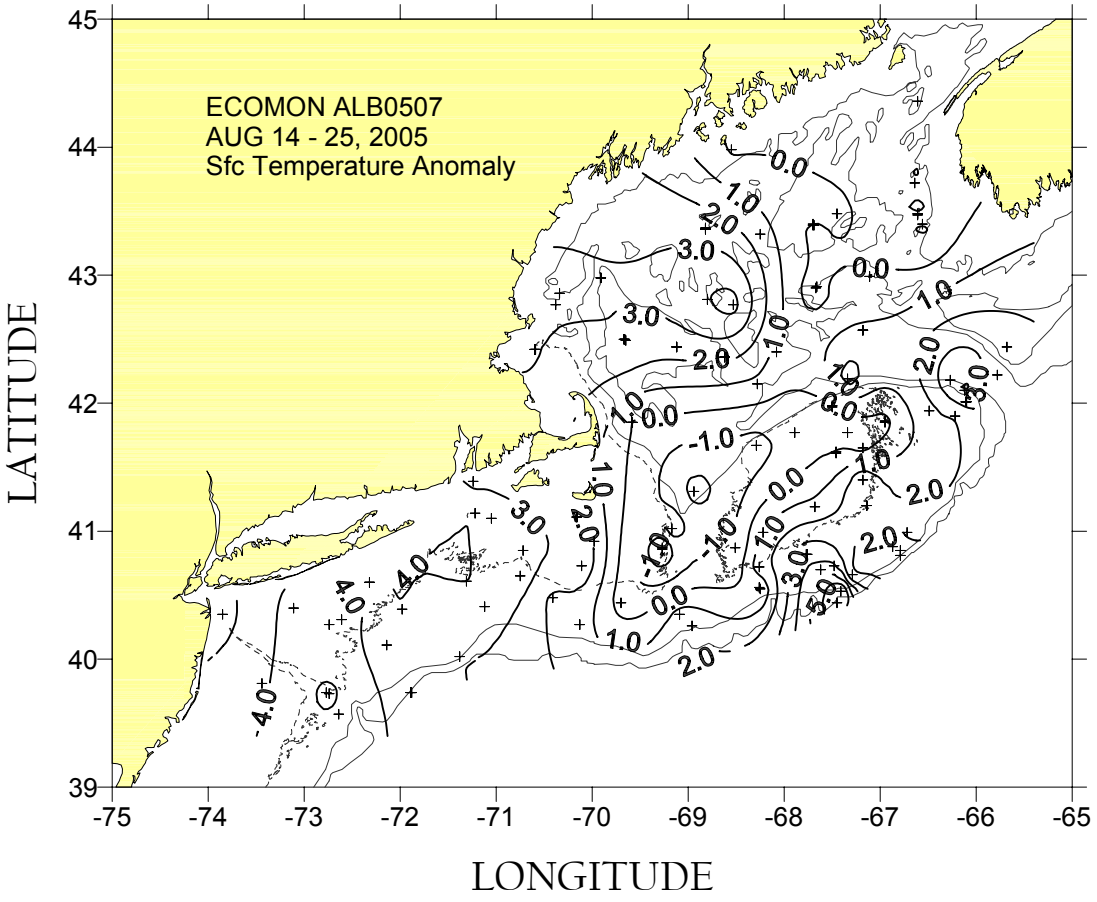
"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly: "SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived

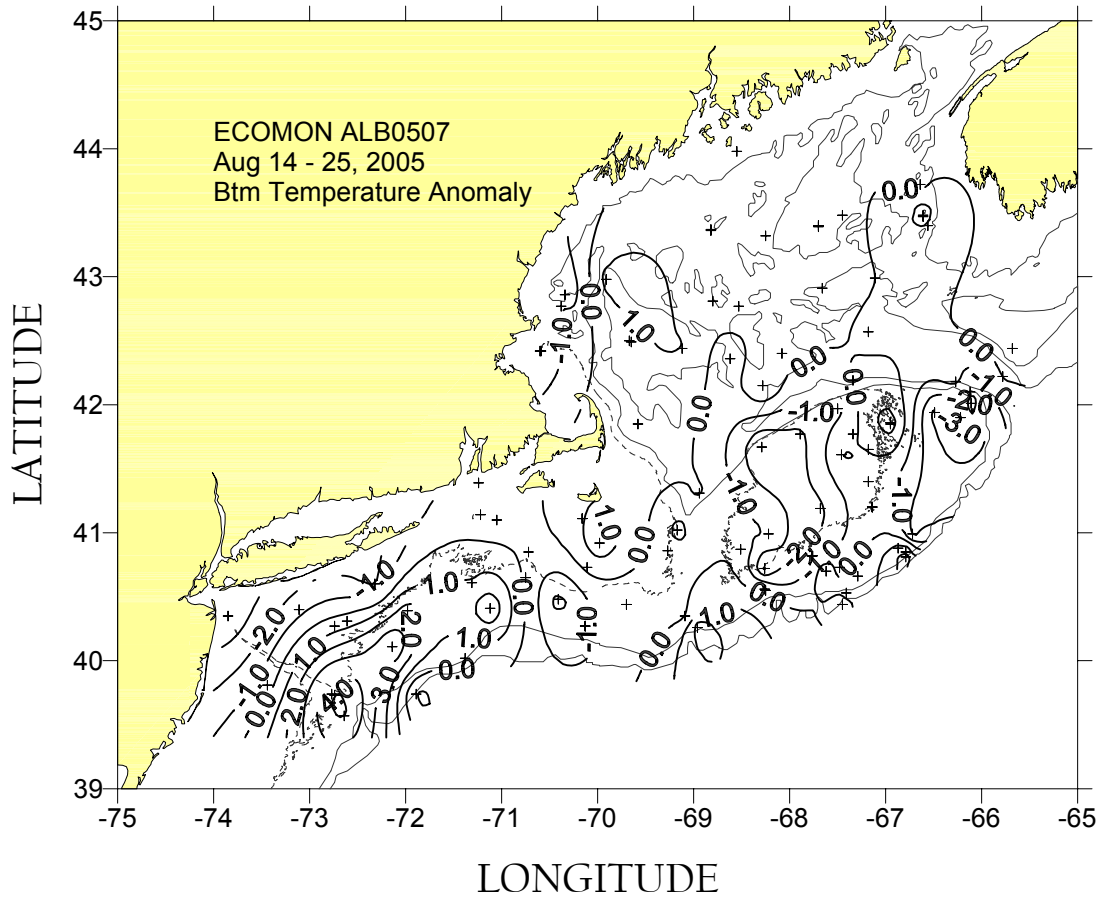
"Flag", a value of "1" indicates that a true areal average could not be calculated dur to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

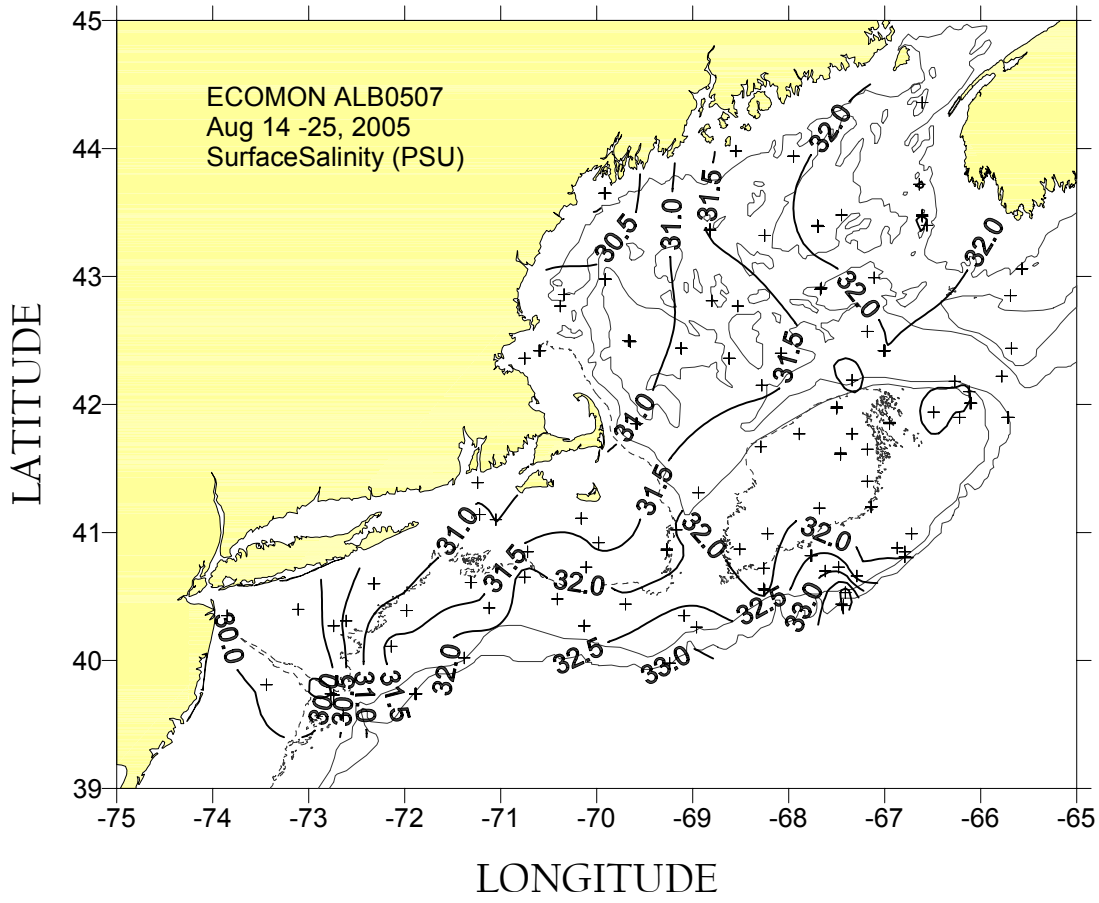
"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.

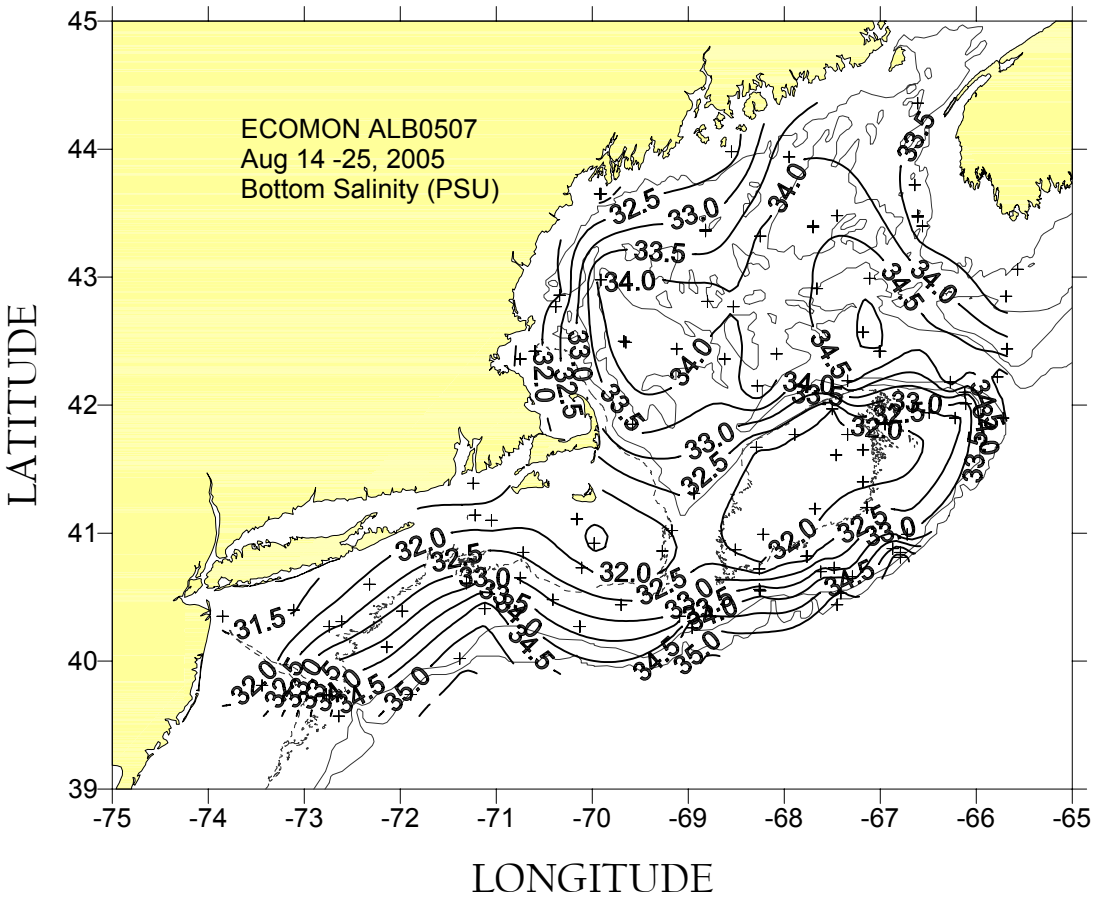

ECOMON ALB0506
Aug 14 - 25,2005
Surface Temperature (DEG C)
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65

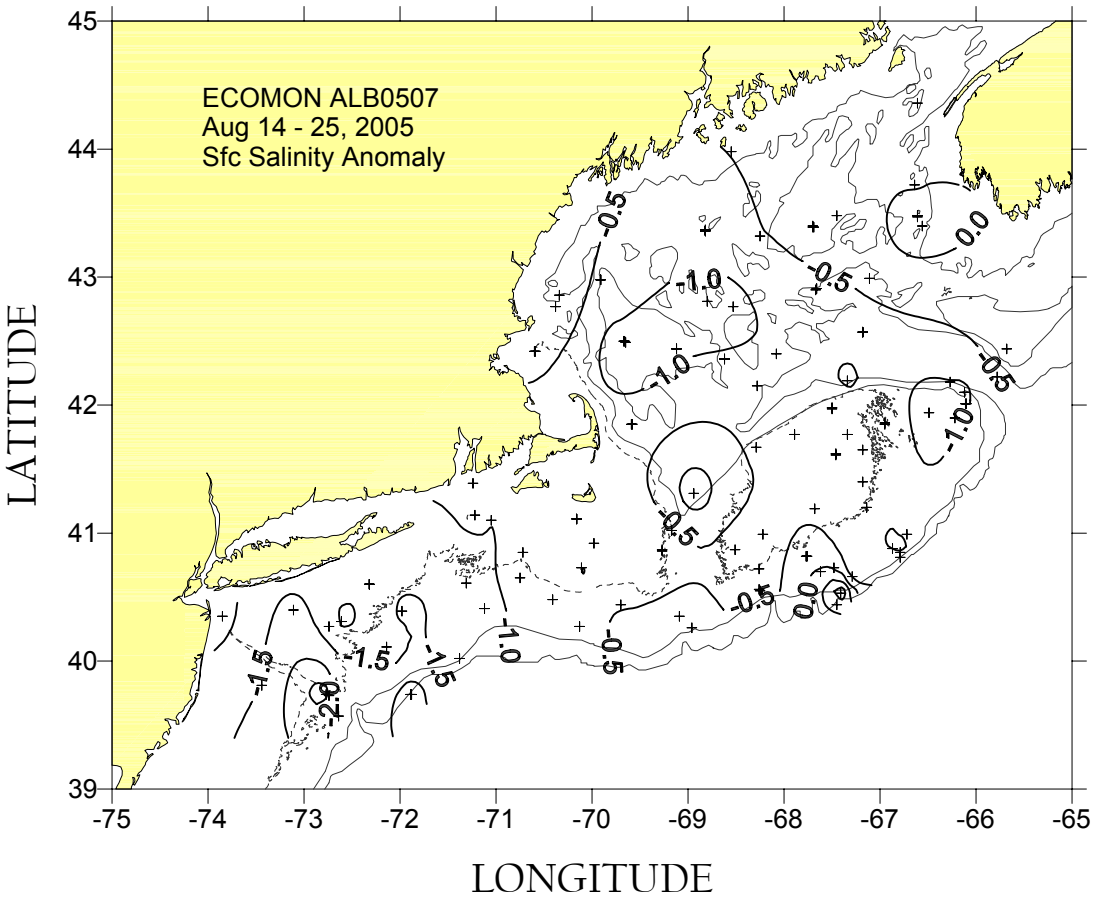

ECOMON ALB0507
Aug 14 - 25, 2005
Bottom Temperature (DEG C)
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65

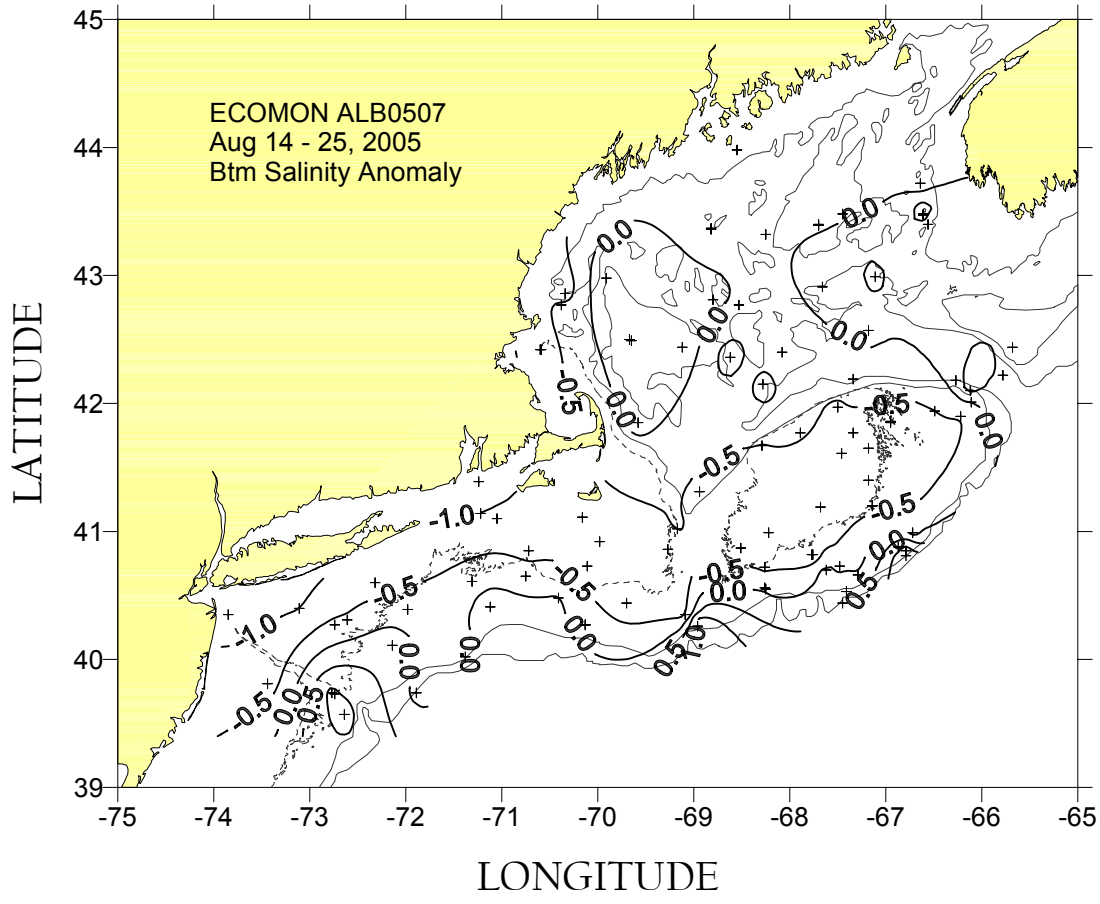

ECOMON ALB0507
AUG 14 - 25, 2005
Sfc Temperature Anomaly
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65


ECOMON ALB0507
Aug 14 - 25, 2005
Btm Temperature Anomaly
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65


ECOMON ALB0507
Aug 14 -25, 2005
SurfaceSalinity (PSU)
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65


ECOMON ALB0507
Aug 14 -25, 2005
Bottom Salinity (PSU)
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65


ECOMON ALB0507
Aug 14 - 25, 2005
Sfc Salinity Anomaly
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
-65


ECOMON ALB0507
Aug 14 - 25, 2005
Btm Salinity Anomaly
LATITUDE
LONGITUDE
45
44
43
42
41
40
39
-75
-74
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-72
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-70
-69
-68
-67
-66
-65

ALB0507 Ecosystems Monitoring Survey

14 - 25 August 2005

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	1	4123.6	7114.4	13	8	2005	22:57	26	22.52	30.85	13.28	31.12	3
2	2	4108.6	7112.9	14	8	2005	0:38	35	23.38	31.11	10.86	31.73	4
3	3	4106.0	7102.8	14	8	2005	1:47	36	21.94	30.94	11.75	31.74	4
4	4	4036.4	7118.6	14	8	2005	5:18	64	24.73	31.22	9.44	33.25	3
5	5	4024.6	7107.2	14	8	2005	6:55	84	25.13	31.61	12.39	34.85	2
6	6	4001.4	7122.5	14	8	2005	9:41	125	25.08	32.50	12.39	35.39	4
7	7	4006.3	7208.6	14	8	2005	14:07	69	25.41	31.68	10.90	33.70	6
8	8	3944.5	7152.8	14	8	2005	16:57	251	25.48	99.99	11.97	34.22	200
9	8	3944.6	7153.5	14	8	2005	17:04	242	25.66	99.99	9.91	35.26	40
10	8	3944.5	7153.5	14	8	2005	17:27	235	26.18	99.99	9.53	35.23	3
11	9	3933.9	7238.1	14	8	2005	21:22	76	26.33	99.99	12.55	34.59	3
12	10	3944.0	7244.5	14	8	2005	22:55	69	26.49	30.49	12.29	34.39	3
13	11	3944.1	7246.1	14	8	2005	23:46	68	26.44	29.29	12.19	34.50	3
14	12	3948.7	7326.3	15	8	2005	3:10	37	26.35	29.97	9.02	31.74	4
15	13	4021.0	7350.9	15	8	2005	6:58	25	24.28	30.03	10.22	31.47	3
16	14	4024.1	7306.8	15	8	2005	10:28	35	25.21	29.52	10.59	31.45	5
17	15	4016.4	7244.2	15	8	2005	12:58	52	24.45	30.28	8.22	32.42	4
18	16	4018.8	7236.8	15	8	2005	14:33	50	24.67	99.99	8.21	32.39	5
19	17	4035.9	7219.2	15	8	2005	16:55	48	24.97	30.78	7.94	31.90	16
20	17	4035.8	7219.1	15	8	2005	17:02	49	25.07	30.83	7.77	32.18	4
21	18	4023.3	7159.0	15	8	2005	19:15	67	25.70	31.11	9.64	33.15	5
22	19	4038.8	7045.0	16	8	2005	1:30	63	22.47	32.21	8.97	32.91	4
23	20	4050.9	7043.0	16	8	2005	3:01	52	22.49	31.62	8.96	32.43	3
24	21	4106.3	7009.3	16	8	2005	7:11	24	18.74	30.95	18.27	31.01	8
25	21	4106.5	7009.3	16	8	2005	7:19	24	18.95	30.92	18.27	31.01	3
26	22	4055.2	6958.9	16	8	2005	9:33	28	15.77	31.28	15.43	31.30	4
27	23	4044.0	7006.7	16	8	2005	11:34	40	20.23	32.17	11.04	32.08	4
28	24	4028.8	7024.4	16	8	2005	13:51	68	19.00	31.98	8.48	32.93	4
29	25	4016.3	7008.0	16	8	2005	16:04	91	22.31	33.11	11.35	34.48	3
30	25	4016.4	7007.6	16	8	2005	16:17	91	22.31	33.10	11.33	34.47	3
31	26	4026.1	6941.9	16	8	2005	19:16	71	17.96	32.09	8.44	32.61	3
32	27	3958.5	6914.6	16	8	2005	22:58	257	22.09	33.22	10.53	35.35	57

ALB0507 Ecosystems Monitoring Survey

14 - 25 August 2005

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
33	28	4015.7	6857.4	17	8	2005	1:37	105	20.84	32.77	11.34	35.24	4
34	29	4021.0	6905.1	17	8	2005	2:47	87	20.34	32.63	8.59	32.98	2
35	30	4033.1	6815.2	17	8	2005	7:22	95	17.95	31.86	10.00	33.83	4
36	30	4033.4	6815.8	17	8	2005	7:43	94	17.98	31.88	10.09	33.89	2
37	31	4043.1	6815.3	17	8	2005	9:08	66	16.01	31.87	9.97	32.02	3
38	32	4052.3	6830.4	17	8	2005	10:33	58	13.56	31.87	13.52	31.87	5
39	33	4059.3	6813.1	17	8	2005	12:10	54	16.22	31.87	13.46	31.87	7
40	34	4111.3	6740.9	17	8	2005	14:48	49	16.90	31.87	13.38	31.88	4
41	35	4049.2	6745.3	17	8	2005	17:06	66	20.57	32.49	8.45	32.21	4
42	35	4049.0	6745.9	17	8	2005	17:22	66	20.61	32.50	8.43	32.21	2
43	36	4041.7	6737.1	17	8	2005	18:43	79	21.52	32.92	10.30	33.79	4
44	37	4043.9	6729.0	17	8	2005	19:42	88	21.15	32.79	9.22	33.29	3
45	38	4039.3	6717.5	17	8	2005	21:07	100	18.79	32.10	9.98	33.74	3
46	39	4031.6	6724.8	17	8	2005	22:25	138	25.84	34.48	10.90	35.29	3
47	40	4025.9	6725.8	17	8	2005	23:37	453	25.74	34.22	10.89	35.33	253
48	40	4026.3	6726.9	18	8	2005	0:38	215	25.22	33.84	10.10	35.26	6
49	41	4048.5	6647.3	18	8	2005	5:31	114	18.00	31.99	12.56	35.35	3
50	42	4051.0	6647.2	18	8	2005	6:04	100	17.96	31.79	12.28	35.16	4
51	43	4052.9	6652.3	18	8	2005	6:52	92	18.02	31.87	11.39	34.55	4
52	44	4059.1	6643.0	18	8	2005	8:40	79	17.43	31.86	8.60	32.90	4
53	45	4111.7	6708.5	18	8	2005	11:01	62	17.25	31.76	10.38	32.03	5
54	45	4112.1	6708.6	18	8	2005	11:18	60	17.29	31.76	10.41	32.03	1
55	46	4123.7	6710.7	18	8	2005	12:37	51	17.55	31.83	12.41	31.91	4
56	47	4138.8	6711.0	18	8	2005	14:25	54	13.93	31.87	13.58	31.87	3
57	48	4137.0	6727.7	18	8	2005	15:58	45	15.79	31.88	15.50	31.89	12
58	48	4136.5	6727.4	18	8	2005	16:17	46	15.62	31.89	15.57	31.90	3
59	49	4145.9	6720.4	18	8	2005	17:47	48	15.29	31.87	15.34	31.87	4
60	50	4151.2	6657.1	18	8	2005	19:46	62	13.78	31.88	13.79	31.88	2
61	50	4151.3	6657.0	18	8	2005	20:00	62	13.79	31.88	13.74	31.88	1
62	51	4156.2	6629.5	18	8	2005	22:51	84	15.91	31.29	7.76	32.31	4
63	52	4153.9	6613.1	19	8	2005	0:31	84	16.34	31.61	7.49	32.35	2
64	53	4153.8	6542.9	19	8	2005	2:57	438	16.74	31.93	7.01	35.02	5

ALB0507 Ecosystems Monitoring Survey

14 - 25 August 2005

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
65	53	4154.2	6542.3	19	8	2005	3:28	347	17.26	31.89	8.53	35.09	142
66	54	4200.7	6606.1	19	8	2005	5:58	94	17.70	31.61	6.61	32.64	32
67	54	4200.4	6606.3	19	8	2005	6:16	94	17.54	31.30	6.51	32.70	4
68	55	4205.9	6607.0	19	8	2005	7:13	99	18.51	31.44	7.10	33.60	4
69	56	4210.9	6616.1	19	8	2005	10:52	196	18.23	31.57	7.88	34.91	3
70	57	4211.2	6720.5	19	8	2005	15:40	199	18.70	31.26	8.10	34.78	2
71	58	4158.6	6730.2	19	8	2005	17:25	45	14.63	31.92	13.26	31.97	14
72	58	4158.3	6729.9	19	8	2005	17:32	44	15.10	31.90	13.46	31.96	3
73	59	4146.1	6753.2	19	8	2005	19:43	33	15.17	31.94	13.57	32.01	3
74	60	4140.3	6817.6	19	8	2005	21:45	42	14.95	31.90	13.16	32.01	1
75	61	4118.6	6856.6	20	8	2005	1:49	136	14.82	32.06	5.15	32.57	5
76	62	4101.2	6910.2	20	8	2005	4:25	59	15.12	32.07	10.83	32.04	4
77	63	4052.2	6916.2	20	8	2005	5:28	52	12.02	31.71	11.99	31.71	27
78	63	4051.7	6916.2	20	8	2005	5:37	52	11.99	31.70	12.04	31.71	4
79	64	4151.0	6935.1	20	8	2005	17:42	191	19.07	30.97	5.67	33.22	58
80	64	4150.8	6935.0	20	8	2005	17:53	188	18.89	30.93	6.26	33.69	7
81	65	4230.1	6939.7	20	8	2005	22:17	239	21.14	30.84	7.12	34.20	39
82	65	4230.0	6939.9	20	8	2005	22:51	246	21.07	30.84	7.31	34.35	5
83	65	4229.5	6939.1	20	8	2005	23:21	238	21.04	30.84	7.31	34.35	3
84	66	4226.2	6906.9	21	8	2005	2:42	227	21.04	30.92	7.57	34.41	4
85	66	4226.2	6907.2	21	8	2005	3:01	226	21.03	30.87	7.27	34.26	27
86	67	4221.3	6837.3	21	8	2005	5:55	181	18.40	31.04	5.50	33.20	47
87	67	4221.3	6837.3	21	8	2005	6:10	179	18.57	31.01	6.08	33.56	8
88	68	4208.7	6816.8	21	8	2005	8:22	194	19.52	31.38	8.00	34.60	4
89	69	4223.8	6804.9	21	8	2005	10:23	180	19.46	31.27	7.51	34.13	4
90	70	4233.9	6710.9	21	8	2005	15:25	300	16.37	31.99	7.65	35.01	7
91	70	4234.0	6710.9	21	8	2005	15:43	298	16.86	31.98	7.91	35.04	98
92	71	4225.4	6700.0	21	8	2005	18:00	360	16.66	32.00	7.58	35.00	8
93	71	4225.4	6700.0	21	8	2005	18:21	360	16.93	31.98	7.82	35.01	160
94	71	4225.3	6700.4	21	8	2005	19:00	360	16.92	32.00	7.55	35.00	6
95	72	4213.3	6546.6	22	8	2005	0:49	219	16.89	31.93	8.34	35.27	2
96	73	4226.3	6540.7	22	8	2005	2:15	92	16.44	31.84	9.95	34.22	3

ALB0507 Ecosystems Monitoring Survey

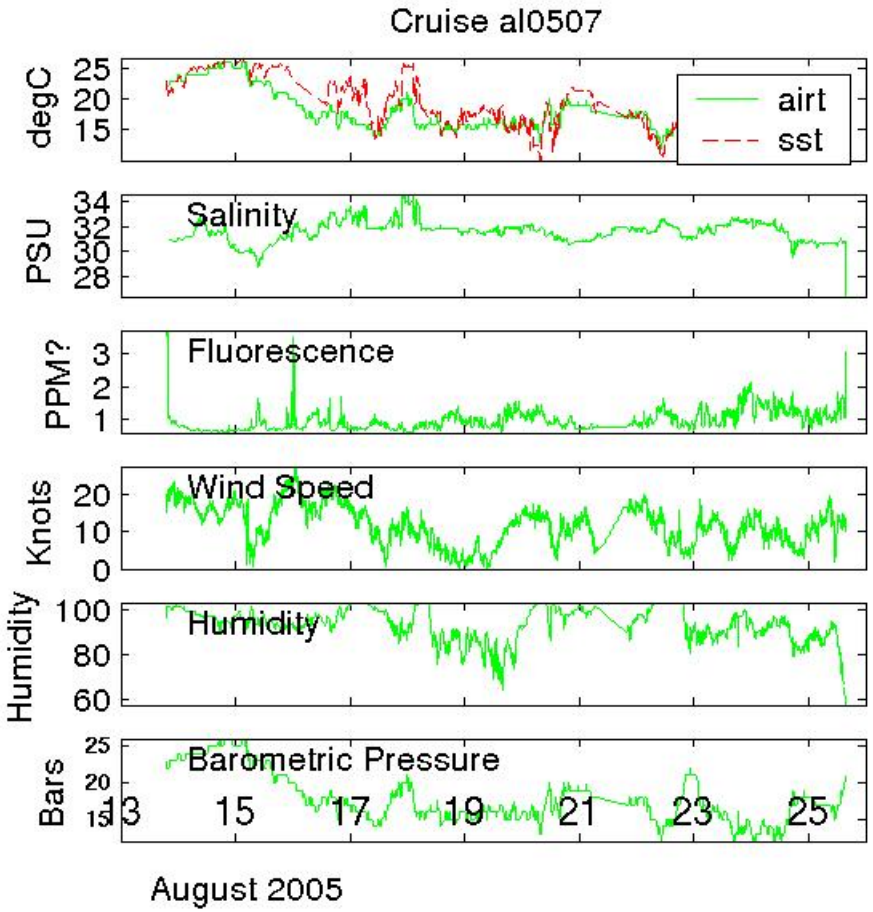
14 - 25 August 2005

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
97	74	4250.8	6541.1	22	8	2005	4:35	123	15.41	31.59	5.57	33.10	4
98	75	4303.7	6534.1	22	8	2005	6:18	119	13.25	31.59	4.62	32.63	3
99	75	4303.7	6534.1	22	8	2005	6:26	121	13.94	31.61	4.65	32.62	5
100	76	4259.1	6706.7	22	8	2005	14:21	196	14.30	32.10	8.53	34.96	4
101	77	4254.1	6739.9	22	8	2005	17:19	206	15.03	31.88	7.73	34.44	41
102	77	4254.3	6739.7	22	8	2005	17:31	203	15.76	31.86	7.93	34.52	5
103	78	4246.4	6831.7	22	8	2005	22:07	177	21.43	31.16	7.10	33.98	5
104	79	4248.6	6848.2	22	8	2005	23:45	185	21.40	31.14	7.36	34.25	6
105	80	4321.3	6848.9	23	8	2005	3:28	123	16.95	31.57	6.85	33.02	5
106	80	4321.9	6849.1	23	8	2005	3:52	113	16.97	31.57	6.84	33.05	3
107	80	4321.7	6849.0	23	8	2005	4:04	119	16.93	31.48	7.01	32.84	16
108	81	4319.0	6815.0	23	8	2005	6:49	186	17.00	31.81	7.17	34.08	4
109	82	4324.0	6741.9	23	8	2005	9:31	244	16.14	32.11	7.66	34.37	3
110	82	4323.5	6741.6	23	8	2005	9:56	244	15.80	32.15	7.59	34.30	44
111	82	4323.5	6741.8	23	8	2005	10:34	244	15.72	32.15	7.66	34.37	4
112	83	4328.5	6727.0	23	8	2005	12:40	215	15.42	32.01	7.86	34.37	13
113	84	4323.7	6633.6	23	8	2005	17:02	103	10.30	32.51	8.91	33.14	4
114	85	4328.3	6636.3	23	8	2005	17:49	99	11.18	32.57	8.94	33.33	5
115	85	4328.7	6636.4	23	8	2005	18:01	100	11.55	32.31	8.98	33.28	5
116	86	4342.9	6638.3	23	8	2005	20:10	107	11.63	32.54	8.80	33.26	5
117	87	4421.7	6636.8	24	8	2005	1:06	213	10.52	32.07	7.77	33.61	14
118	88	4356.3	6756.7	24	8	2005	8:03	156	14.93	32.24	7.61	33.77	41
119	88	4356.4	6756.9	24	8	2005	8:16	155	14.76	32.25	7.45	33.94	5
120	89	4358.5	6833.1	24	8	2005	11:07	86	12.60	31.73	8.86	32.27	4
121	90	4338.7	6954.6	24	8	2005	17:30	46	16.58	29.97	7.77	31.70	4
122	90	4338.7	6955.0	24	8	2005	17:42	61	16.78	29.78	6.94	31.91	4
123	91	4258.7	6954.6	24	8	2005	21:47	233	20.46	30.89	7.18	34.25	6
124	91	4258.5	6954.6	24	8	2005	22:04	229	20.18	31.01	6.97	34.12	29
125	92	4251.3	7020.4	25	8	2005	0:34	52	18.94	30.76	5.38	31.83	6
126	93	4246.3	7022.7	25	8	2005	1:23	90	20.72	30.95	4.86	32.23	5
127	94	4225.4	7035.6	25	8	2005	3:52	86	18.79	30.57	5.63	31.83	3
128	94	4225.3	7035.7	25	8	2005	4:10	86	18.96	30.59	5.65	31.83	3

ALB0507 Ecosystems Monitoring Survey

14 - 25 August 2005

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
129	95	4221.5	7044.9	25	8	2005	5:07	25	19.48	30.70	7.64	31.40	4
130	95	4221.8	7044.9	25	8	2005	5:20	35	19.53	30.68	7.11	31.42	5


Cruise al0507
degC
25
20
15
airt
sst
PSU
34
32
30
28
Salinity
PPM?
3
2
1
Fluorescence
Knots
20
10
0
Wind Speed
Humidity
100
80
60
Humidity
Bars
25
20
15
Barometric Pressure
13
15
17
19
21
23
25
August 2005