

*Oceanography Branch CTD Data Report
Spring Trawl Survey Calibration/Site
Experiments – AL 08-02*

**For further information, contact Cristina Bascuñán
National Marine Fisheries Service, Northeast Fisheries Science
Center, Woods Hole, Massachusetts 02543-1097.**

DATE: May 5 – 15, 2008

Oceanography Branch CTD Data Report

CTD_REPORT_2008002AL

NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

AL 08-02
Spring Trawl Survey Calibration/Site Experiments
Data Coverage: May 5 – 15, 2008
Georges Bank/Northern Mid Atlantic Bight

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's 2008 Spring Trawl Survey Calibration and Site Experiments survey aboard the NOAA FRV *Albatross IV*. All data was obtained with a Seabird Electronics SBE Model 19 profiling CTD (s/n 4501).

Data presented here have been audited, however, corrections and/or updates may be applied at a later time. The most recent and complete station data can be found in an NODC formatted ASCII file at:
<ftp://ftp.nefsc.noaa.gov/pub/hydro/alb0802.dat>

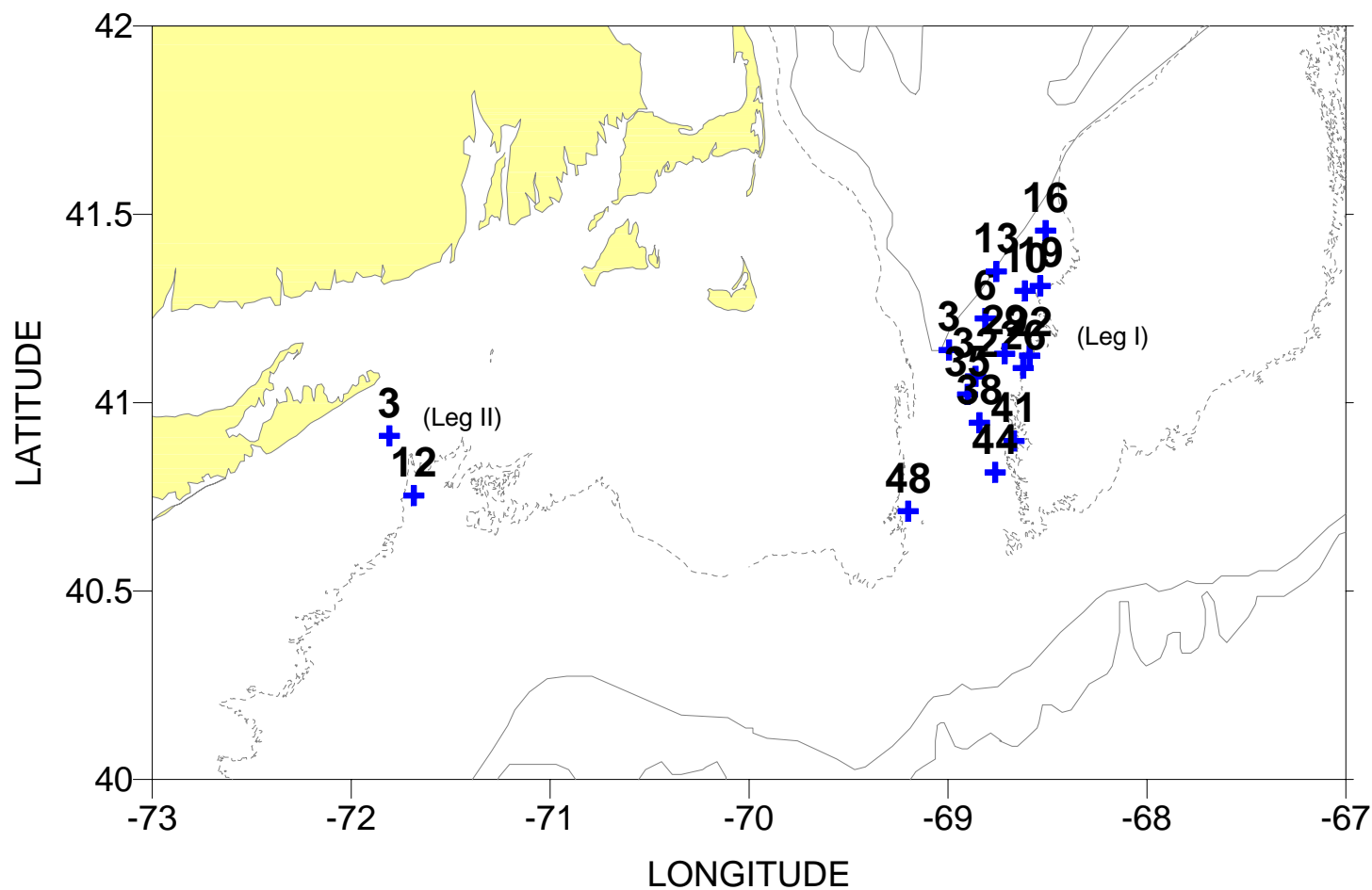
This report may be viewed on the Oceanography Branch website at:

<http://www.nefsc.noaa.gov/HydroAtlas/>

choose: **2008 Cruises**
MAY_TRAWL_ALB0802
CTD_REPORT_2008002AL.pdf

Revised: July 24, 2009

ALB0802 Spring Trawl Survey Calibration/Site Experiments Cruise
5 - 15 May, 2008
CTD Station Positions



**Areal average surface and bottom temperature/salinity and temperature/salinity anomalies
for the ALB0802 Spring Trawl Survey Calibration/Site Experiments Cruise**

Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the ALB0802 Spring Trawl Survey Calibration/Site Experiments Cruise															
SURFACE								BOTTOM							
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose	
								Georges Bank							
ALB0802	127	14	6.91	0.53	0.29	0.66	1	14	6.74	1.21	0.29	0.72	1	70	
ALB0802	127	14	32.80	-0.12	0.16	0.08	1	14	32.82	-0.13	0.15	0.09	1	70	

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.

**ALB0802 Spring Trawl Survey Calibration/Site Experiments Cruise
5 - 15 May, 2008**

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc T Anomaly	Sfc Salt	Sfc S Anomaly	Btm Temp	Btm T Anomaly	Btm Salt	Btm S Anomaly	Meters from Bottom
176	3	4108.4	6859.7	5	5	2008	1:58	97	6.57	0.92	32.79	-0.16	6.31	1.56	32.80	-0.14	4
177	6	4113.4	6848.8	5	5	2008	4:54	88	6.86	0.16	32.81	-0.15	6.15	1.19	32.83	-0.13	5
178	10	4117.8	6836.8	5	5	2008	8:22	70	6.34	-0.68	32.76	-0.20	6.08	1.06	32.83	-0.13	4
179	13	4120.9	6845.4	5	5	2008	11:07	105	6.97	-0.05	32.74	-0.22	5.14	0.12	32.99	0.03	6
180	16	4127.4	6830.6	5	5	2008	13:37	89	6.76	-0.25	32.83	-0.07	6.20	1.35	32.85	-0.18	4
181	19	4118.6	6832.2	5	5	2008	17:00	62	7.20	0.22	32.88	-0.08	7.13	1.89	32.88	-0.08	4
182	22	4107.5	6835.4	5	5	2008	19:38	54	7.10	0.43	32.86	-0.09	7.09	0.31	32.86	-0.06	7
183	26	4105.5	6837.3	5	5	2008	23:16	53	7.12	0.94	32.86	-0.02	7.11	0.88	32.86	-0.06	5
184	29	4107.8	6842.9	6	5	2008	2:07	64	7.00	0.39	32.84	-0.10	7.01	2.07	32.84	-0.11	5
185	32	4104.2	6851.7	6	5	2008	4:48	71	6.94	1.34	32.82	-0.07	6.95	1.87	32.82	-0.10	7
186	35	4101.3	6854.1	6	5	2008	9:03	65	6.84	1.04	32.81	-0.07	6.85	1.47	32.82	-0.11	5
187	38	4056.8	6850.5	6	5	2008	12:10	74	7.06	0.98	32.82	-0.06	7.05	1.26	32.82	-0.10	5
188	41	4053.9	6840.1	6	5	2008	14:38	58	7.20	0.81	32.84	-0.06	7.17	1.02	32.85	-0.07	5
189	44	4048.9	6845.8	6	5	2008	17:27	64	7.00	0.61	32.73	-0.17	6.86	0.71	32.74	-0.19	5
190	48	4042.7	6912.0	6	5	2008	22:19	56	6.72	0.53	32.56	-0.30	6.37	0.35	32.66	-0.37	6
677	3	4054.7	7148.5	14	5	2008	21:42	43	9.45	-0.04	31.45	-0.05	8.23	2.57	32.45	-0.34	4
2	12	4045.2	7141.1	15	5	2008	11:36	66	7.88	-1.89	32.61	-0.06	5.92	0.14	32.59	-0.54	8