

Oceanography Branch CTD Data Report
CTD_REPORT_2012001DE

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

DEL1201
LMRCSC Cooperative Cruise
Data Coverage: 19 – 26 January, 2012
MABS

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's LMRCSC Cooperative Cruise aboard the NOAA FSV *Delaware II*. All data were obtained with a Seabird Electronics SBE Model 19+ profiling CTD (s/n 4493). Please note that no CTD data were collected during deployment for casts 001, 002, 007, 009, 014, 015, and 024.

Data presented here have been audited, however, corrections and/or updates may be applied at a later time.

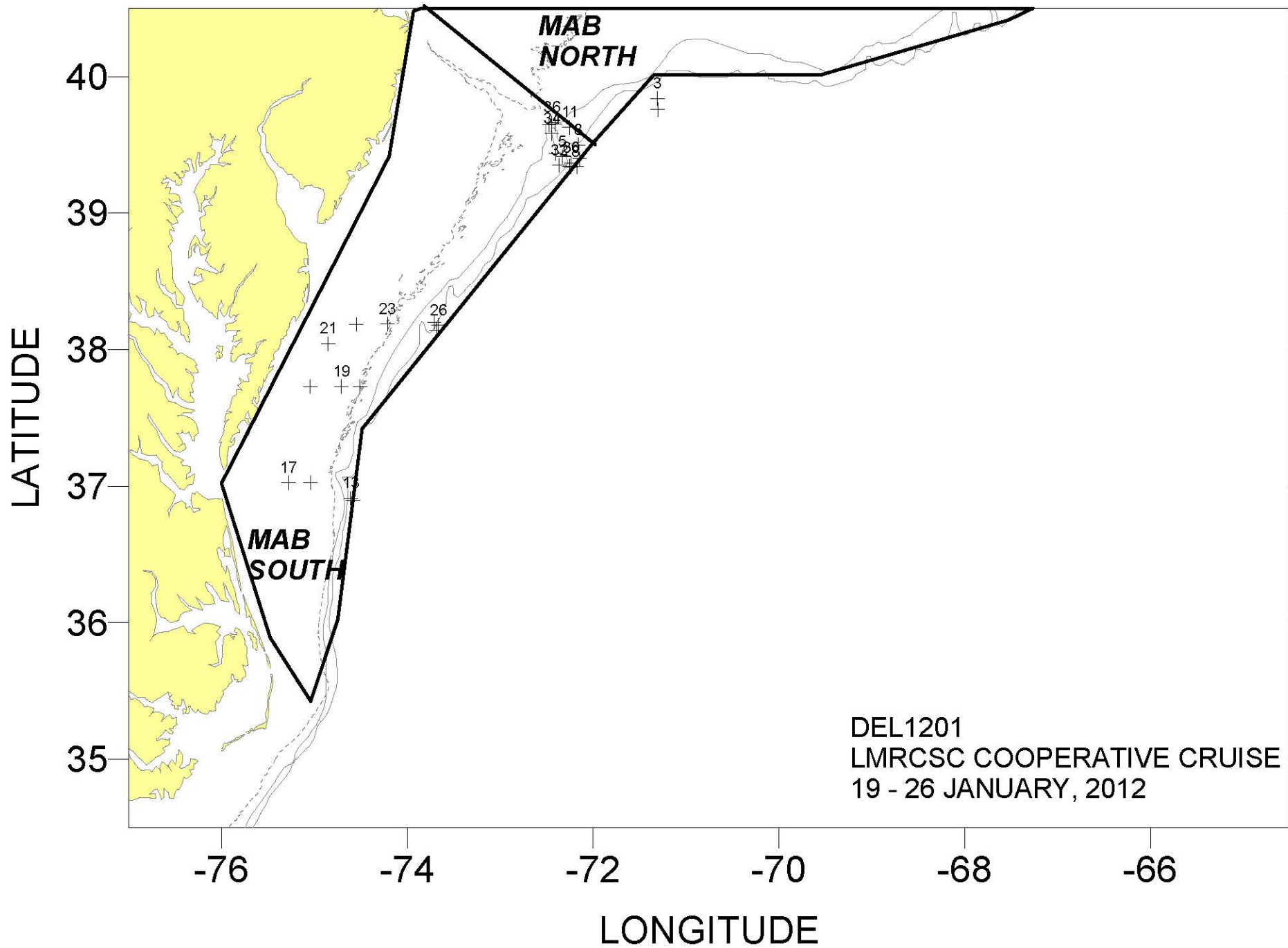
The most recent and complete station data can be found in an NODC formatted ASCII file at:
<ftp://ftp.nefsc.noaa.gov/pub/hydro/del1201.dat>

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

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

choose: **2012 Cruises**
 DEC_ECOMON_DEL1201
 CTD_REPORT_2012001DE

Revised: Sept 21, 2012



Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for DEL1201 - LMRCSC COOPERATIVE CRUISE.

		SURFACE						BOTTOM						
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose
		MAB SOUTH												
DEL1201	24	26	12.76	3.4	0.28	1.05	1	9	11.02	3.3	0.43	2.29	1	90
DEL1201	24	26	34.42	0.2	0.2	0.55	1	9	33.69	0.08	0.27	0.42	1	90

"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 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 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.

DEL1201
LMRCSC COOPERATIVE CRUISE
19 - 26 JANUARY, 2012

Cast #	Sta #	Lat (Deg. N)	Lon (Deg. W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (Deg. C)	Sfc Salt	Deepest Obs. Temp (Deg. C)	Deepest Obs. Salt	Meters from Btr	Cast Type
3	3	3950.4	7118.4	19	1	2012	22:55	723	13.1	34.55	4.6	34.96	4	V
4	4	3945.6	7118.2	20	1	2012	3:47	1204	14.9	35.32	4.2	34.95	77	V
5	5	3924.8	7219.8	20	1	2012	21:31	147	14.3	35.23	14	35.75	1	V
6	6	3926.1	7224.1	20	1	2012	23:55	131	14.2	35.18	14.1	35.71	1	W
8	8	3929.9	7209.6	21	1	2012	5:16	250	15.8	35.69	11.5	35.83	6	V
10	10	3923.9	7208.7	21	1	2012	8:40	1478	15.6	35.58	4.2	34.95	97	V
11	11	3937.7	7215.3	21	1	2012	21:25	120	13.1	34.77	14.1	35.69	1	W
12	12	3653.8	7435.2	22	1	2012	23:01	874	15.8	35.4	4.8	34.98	12	V
13	13	3654.7	7436.5	23	1	2012	4:55	482	15.7	35.4	6.8	35.07	1	W
16	16	3701.6	7502.6	23	1	2012	23:19	46	11.8	34.14	11.9	34.25	2	V
17	17	3701.6	7516.8	24	1	2012	1:10	34	9.9	33.2	9.8	33.19	3	V
18	18	3743.8	7502.7	24	1	2012	6:37	33	9.1	32.35	9.3	32.54	4	V
19	19	3743.8	7442.7	24	1	2012	9:36	50	10.8	33.46	11.6	33.96	6	V
20	20	3743.8	7430.6	24	1	2012	11:25	59	11.4	33.92	11.5	33.99	4	V
21	21	3802.6	7451.2	24	1	2012	14:37	29	8.5	31.66	9.7	32.86	5	V
22	22	3811.1	7433	24	1	2012	18:19	36	10.3	33.19	10.7	33.54	2	V
23	23	3811.3	7412.9	24	1	2012	20:58	61	11.2	33.83	11.1	33.85	4	W
25	25	3808.4	7341.1	25	1	2012	1:27	723	13.9	35.06	5.1	34.99	14	V
26	26	3810.7	7340.1	25	1	2012	6:01	550	14.3	35.21	5.6	35.01	3	V
27	27	3812	7342.7	25	1	2012	10:22	129	13.4	34.9	14.2	35.66	1	V
28	28	3920.3	7214.3	25	1	2012	23:34	301	13.9	34.81	8.8	35.18	6	V
29	29	3920.5	7210.6	26	1	2012	4:16	430	13.8	34.82	6.9	35.07	2	V
30	30	3922	7214.3	26	1	2012	9:25	293	13.4	34.63	9.4	35.23	7	V
31	31	3920.6	7215.3	26	1	2012	11:25	262	13.9	34.88	9.7	35.29	4	W
32	32	3921	7221.9	26	1	2012	13:25	151	13.5	34.65	14.2	35.78	11	V
33	33	3939.1	7224.7	26	1	2012	16:01	106	12.4	34.59	13.6	35.18	11	V
34	34	3935	7226.7	26	1	2012	17:22	106	12.8	34.68	13.2	34.98	9	V
35	35	3938.8	7228.5	26	1	2012	18:30	105	12.4	34.48	13.7	35.16	7	V
36	36	3939.7	7226.7	26	1	2012	19:25	96	12.5	34.53	13.6	35.02	5	V