

Oceanography Branch CTD Data Report
CTD_REPORT_2011001DE

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

DATE: September 23, 2011

Oceanography Branch CTD Data Report

CTD_REPORT_2011001DE

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

DE 11-01
LMRCSC NOAA Cooperative Research Cruise
Data Coverage: 12 – 18 January, 2011
MAB

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's HydroAcoustic research survey aboard the NOAA FSV *Delaware II*. All data was obtained with Seabird Electronics SBE Model 19 and 19+ profiling CTDs (s/n 1468 and 4493).

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:

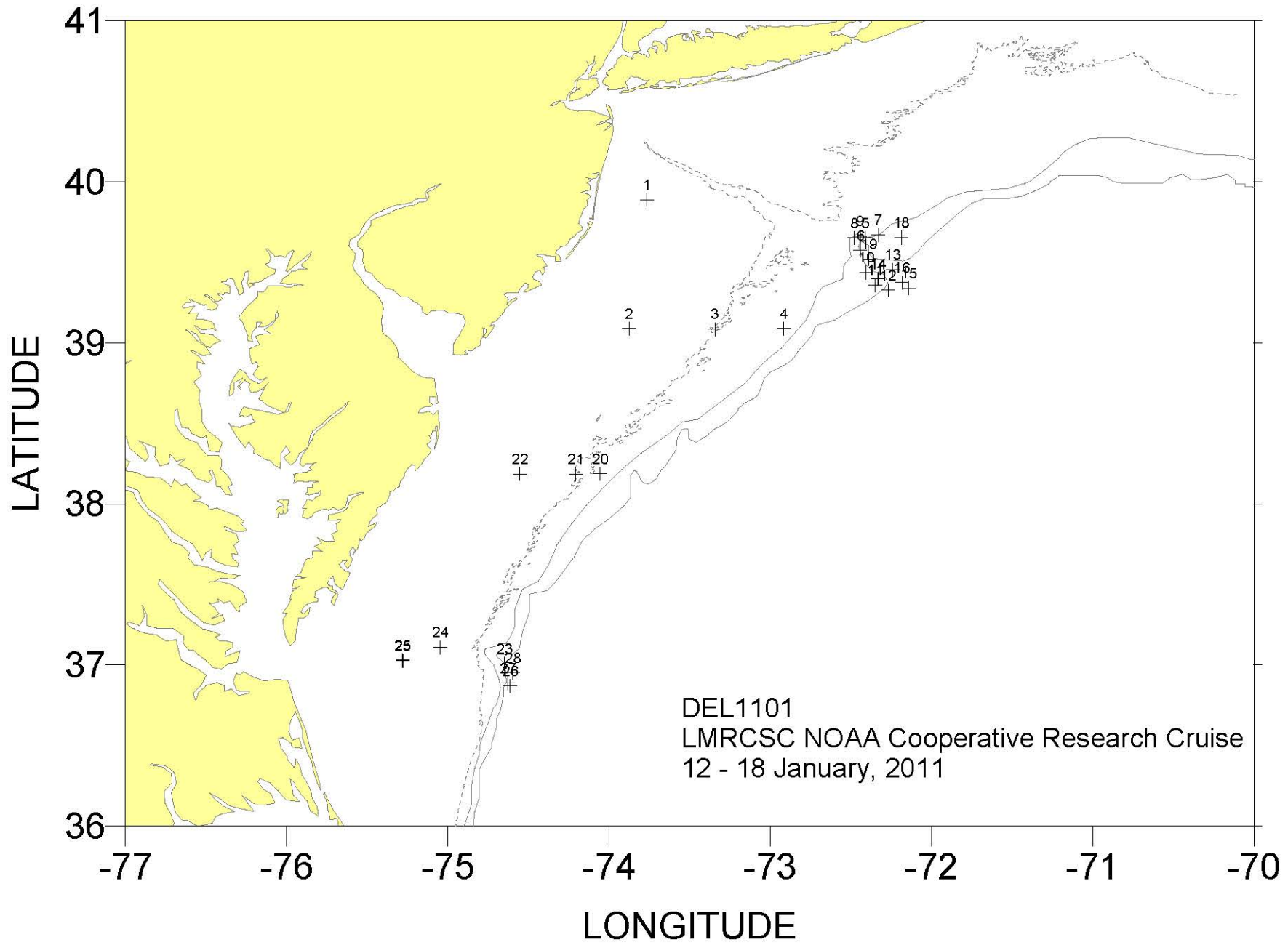
ftp://ftp.nefsc.noaa.gov/pub/hydro/del1101.dat

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

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

choose: **2011 Cruises**
JAN_LMRCSC_DEL1101
CTD_REPORT_2011001DE

Revised: September 23, 2011



DEL1101
 Cooperative Research
 12 - 18 January, 2011

Cast #	Sta #	Lat (deg. N)	Lon (deg. W)	Day	Month	Year	Time GMT	Btm Depth (m)	Sfc Temp (deg. C)	Sfc Salt	Btm Temp (deg. C)	Btm Salt	Meters from Btm
1	1	3953.3	7345.9	12	1	2011	9:10	30	5.7	32.68	5.8	32.71	2
2	2	3905.3	7352.6	12	1	2011	20:34	38	6.2	33.02	6.2	33.04	3
3	3	3905.1	7320.6	13	1	2011	11:08	66	8.4	32.33	8.4	33.64	9
4	4	3905.3	7255.0	13	1	2011	16:55	87	10.6	34.33	12.6	35.14	2
5	5	3939.1	7224.6	14	1	2011	0:43	108	10.2	34.06	12.6	35.23	7
6	6	3934.4	7226.5	14	1	2011	3:17	109	9.3	33.73	13.6	35.38	5
7	7	3940.2	7219.8	14	1	2011	4:55	115	10.2	34.05	11.8	35.53	2
8	8	3939.1	7228.7	14	1	2011	6:46	105	10.1	34.01	11.8	34.82	4
9	9	3939.7	7226.6	14	1	2011	8:00	99	10.2	34.04	12.2	35.51	0
10	10	3926.2	7224.3	14	1	2011	10:25	130	10.3	34.25	14.4	35.74	4
11	11	3921.5	7221.0	14	1	2011	13:04	153	13.2	35.23	14.1	35.75	1
12	12	3919.6	7216.2	14	1	2011	14:36	262	10.4	34.22	9.4	35.26	3
13	13	3927.2	7214.4	14	1	2011	16:00	290	10.3	34.16	8.7	35.19	6
14	14	3923.8	7219.9	14	1	2011	17:49	150	10.7	34.34	14.7	35.80	8
15	14	3923.9	7219.8	14	1	2011	18:04	149	10.7	34.33	14.8	35.74	6
16	15	3920.3	7208.5	14	1	2011	20:58	538	11.8	34.86	5.5	35.01	3
17	16	3922.5	7211.0	15	1	2011	0:40	508	10.1	34.14	7.3	35.10	76
18	17	3925.3	7207.3	15	1	2011	4:25	908	7.0	34.09	4.5	34.97	7
19	18	3939.2	7211.2	15	1	2011	9:15	416	10.0	34.09	7.8	35.13	16
20	19	3931.2	7223.3	15	1	2011	12:49	505	9.6	33.89	6.4	35.07	0
21	20	3811.3	7403.3	16	1	2011	5:10	72	8.6	33.89	9.2	34.09	1
22	21	3811.1	7412.5	16	1	2011	7:25	62	7.8	33.64	7.8	33.62	5
23	22	3811.2	7433.2	16	1	2011	9:53	38	4.4	32.59	5.5	32.97	3
24	23	3700.4	7438.9	17	1	2011	0:25	104	12.3	35.28	13.0	35.49	4
25	24	3706.6	7502.8	17	1	2011	3:50	45	6.7	33.45	7.3	33.63	4
26	25	3701.6	7516.8	17	1	2011	5:49	33	5.6	32.97	5.9	33.12	2
27	25	3701.6	7516.8	17	1	2011	7:03	33	5.6	23.92	5.8	33.12	4

Cast #	Sta #	Lat (deg. N)	Lon (deg. W)	Day	Month	Year	Time GMT	Btm Depth (m)	Sfc Temp (deg. C)	Sfc Salt	Btm Temp (deg. C)	Btm Salt	Meters from Btm
28	25	3701.9	7516.9	17	1	2011	8:01	35	5.7	33.04	5.8	33.08	4
29	25	3701.8	7516.9	17	1	2011	9:00	36	5.9	33.10	5.9	33.09	3
30	25	3701.7	7516.9	17	1	2011	10:00	36	6.1	33.16	6.2	33.16	3
31	25	3701.6	7516.8	17	1	2011	11:00	37	6.2	33.15	6.2	33.16	4
32	26	3652.2	7436.9	17	1	2011	19:53	560	13.8	35.65	5.1	35.00	11
33	27	3653.3	7437.6	17	1	2011	23:51	312	13.1	35.46	9.1	35.22	3
34	28	3657.2	7436.0	18	1	2011	3:20	605	13.6	35.60	5.6	35.02	4