Oceanography Branch CTD Data Report
CTD_REPORT_2018005HB

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DATE: March 29, 2019

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

HB 1805
Mesopelagic Survey
Data Coverage: August13 - 20, 2018
Mid Atlantic Bight, Off-Shelf

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's HB1805 Mesopelagic Survey aboard the NOAA FSV *Henry B Bigelow*. Data was obtained with a SBE Model 9/11+ s/n 0832. Sea water samples were taken for the purpose of calibrating salinity values. The SBE9/11+ was used successfully on 11 casts.

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

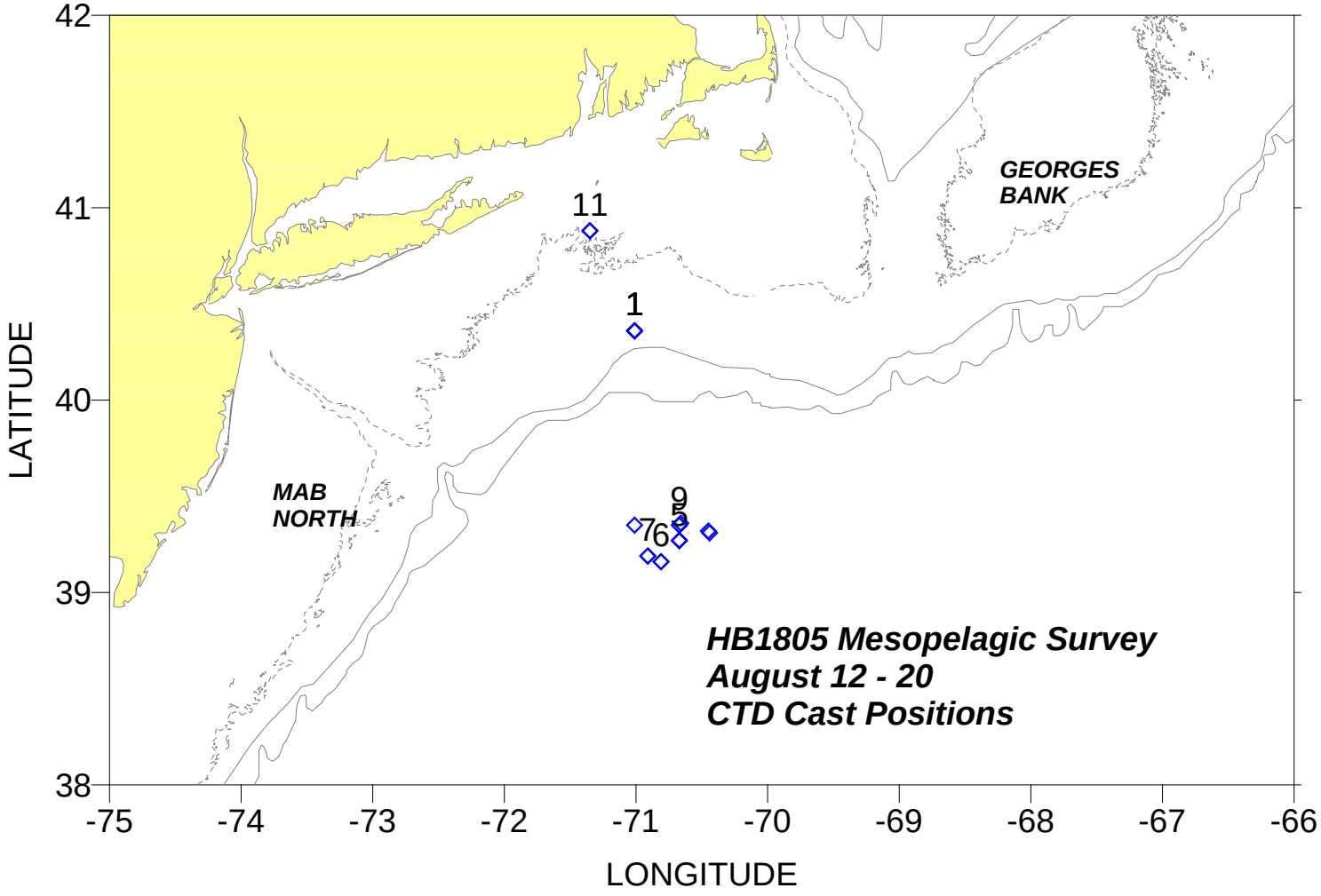
The most recent and complete station data can be found in an NODC formatted ASCII file and in a comma delimited file.

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

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

choose: **2018 Cruises**
AUG_ACOUSTICS_HB1805
CTD_REPORT_2018005HB.pdf

Revised: March 29, 2019


42
41
40
39
38
LATITUDE
-75
-74
-73
-72
-71
-70
-69
-68
-67
-66
LONGITUDE
11
1
9
5
8
7
6
GEORGES
BANK
MAB
NORTH
HB1805 Mesopelagic Survey
August 12 - 20
CTD Cast Positions

HB1805 Mesopelagic Survey
August 13 - 20, 2018

Cast #	Site ID #	Lat (DDMM.M)	Long (DDMM.M)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
1	1	4021.8	7100.8	13	8	2018	4:03	92	25.62	32.67	10.41	33.93	5	W
2	2	3919.1	7027.2	13	8	2018	22:15	2620	26.64	34.72	6.32	35.08	2122	W
3	2	3918.7	7026.5	13	8	2018	23:10	2620	26.54	34.73	13.37	35.63	2503	W
4	2	3916.2	7040.5	14	8	2018	15:54	2671	26.37	34.72	4.72	35.01	1861	W
5	2	3916.2	7040.5	14	8	2018	16:34	2671	26.41	34.72	11.54	35.47	2467	W
6	2	3909.5	7048.7	15	8	2018	6:52	2745	NaN	NaN	4.28	34.98	1734	W
7	2	3911.4	7054.7	15	8	2018	18:39	2721	26.13	34.34	4.33	34.99	1709	W
8	2	3921.3	7039.3	16	8	2018	3:10	2604	NaN	NaN	4.40	34.99	1593	W
9	2	3921.2	7040.2	16	8	2018	4:22	2594	25.10	33.99	4.40	34.99	1584	W
10	2	3921.1	7100.3	19	8	2018	15:24	2569	25.42	33.58	4.30	34.98	1557	W
11	9999	4053.0	7120.8	20	8	2018	2:19	58	24.25	32.36	10.12	32.83	7	W

Deployment codes: W=vertical cast with eDNA water collection stops