

CTD_REPORT_2018003GU
Oceans and Climate Branch CTD Data Report

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Oceans and Climate Branch CTD Data Report

NOAA Fisheries Service
Northeast Fisheries Science Center
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GU 1803
2018 Cetacean Biology Cruise
Data Coverage: July 27 - August 17, 2018
Off Shelf near Georges bank

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's 2018 Cetacean Biology Cruise aboard the NOAA Ship *Gordon Gunter*. All data was obtained with a Seabird Electronics SBE Model 9/11+ CTD (s/n 2727) and a NMFS SBE19+V2 Seacat profiling CTD (s/n 7143). Salt water samples were collected for the purpose of calibrating the conductivity cell.

The SBE19+ was deployed on 5 tow-yo'd bongo net casts and 3 water sampling casts. The SBE9/11+ was used successfully on 4 stations.

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](#).

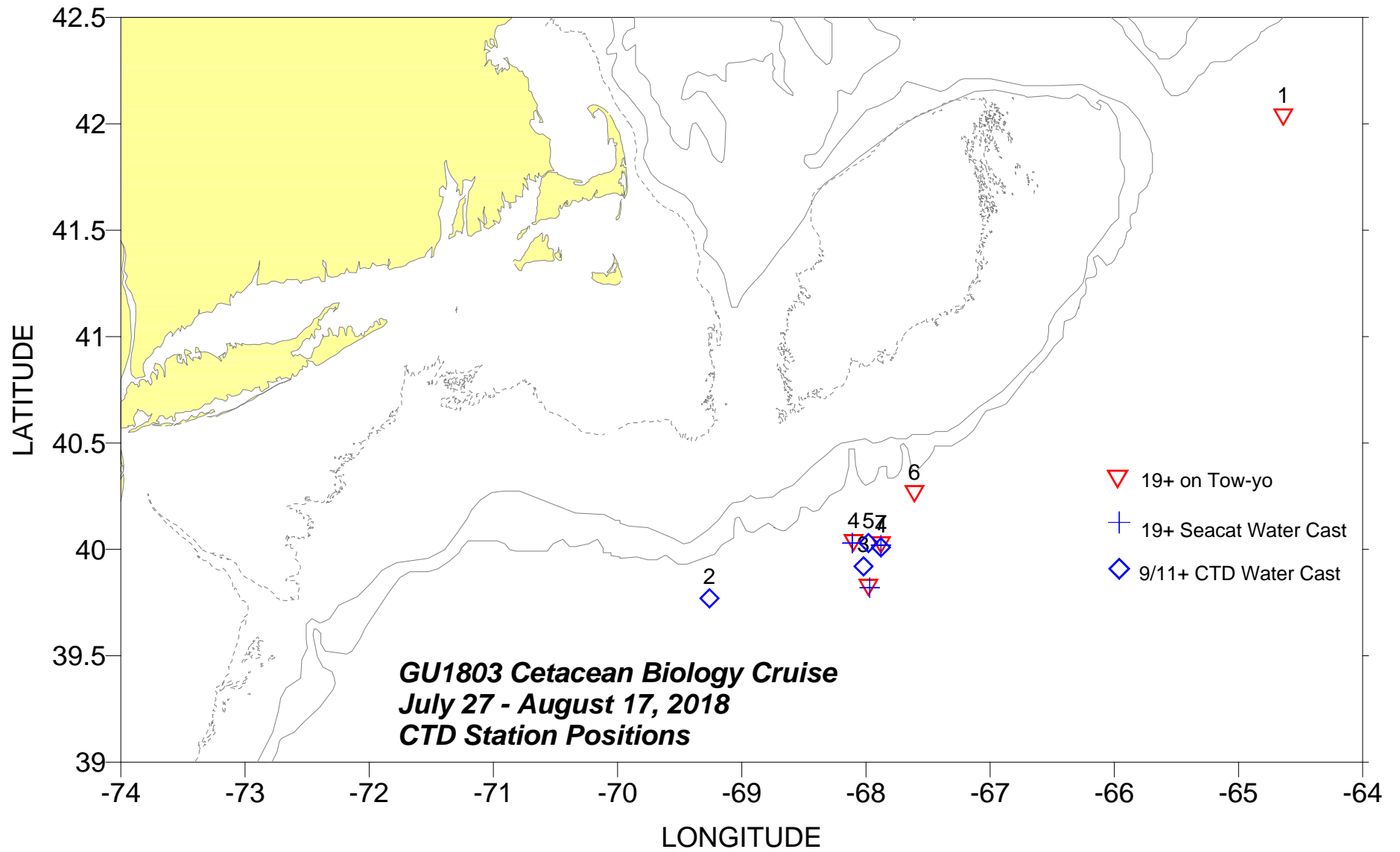
This report may be viewed on the [Oceans and Climate Branch website](#)

choose: **2018 Cruises**

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GU1803 Cetacean Biology Cruise
July 27 - August 17, 2018

Cast #	Sta #	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
1.001	1	4201.9	6438.2	27	7	2018	21:36	2520	25.13	35.26	20.01	35.43	2493	T
1.002	1	4201.9	6438.3	27	7	2018	21:42	2520	25.11	35.25	19.74	35.48	2494	T
2.001	2	3949.2	6758.7	31	7	2018	21:05	2746	23.93	34.75	15.58	35.36	2720	T
2.002	2	3949.3	6758.6	31	7	2018	21:11	2746	23.93	34.75	15.60	35.34	2721	T
3	2	3949.4	6758.4	31	7	2018	21:26	2176	23.93	34.76	16.44	35.35	2150	W
2	3	3946.2	6915.7	2	8	2018	14:42	2000	22.53	33.77	13.55	35.47	1901	W
4.001	4	4001.6	6805.8	7	8	2018	22:58	2100	23.26	32.91	18.07	34.34	2074	T
4.002	4	4001.6	6806.0	7	8	2018	23:02	2100	23.35	32.89	18.03	34.50	2074	T
5	4	4001.6	6806.4	7	8	2018	23:18	2100	23.40	32.92	15.71	35.54	2041	W
3	5	3955.5	6801.4	8	8	2018	22:49	2000	24.46	33.74	3.91	34.98	497	W
6.001	6	4015.4	6736.7	9	8	2018	21:38	1400	23.76	33.30	12.64	34.02	1369	T
6.002	6	4015.4	6737.0	9	8	2018	21:45	1400	23.82	33.23	13.73	34.08	1373	T
4	7	4000.8	6752.9	12	8	2018	21:18	2000	22.42	33.87	3.89	34.98	484	W
7.001	7	4001.3	6752.9	12	8	2018	22:36	2000	24.07	33.42	17.38	34.55	1974	T
7.002	7	4001.1	6753.0	12	8	2018	22:42	2000	24.18	33.39	17.30	34.59	1973	T
8	7	4000.9	6753.0	12	8	2018	22:54	2000	23.92	33.48	13.66	35.51	1899	W
5	8	4001.6	6759.1	17	8	2018	13:44	2128	23.11	33.68	3.66	34.97	302	W

Deployment codes: T = Tow-yo; W=water cast

Cast numbers in digital format (e.g., 1.001 and 1.002) represent separate upcasts of a single tow-yo

Casts in BOLD are from the CTD s/n 2727