

Oceanography Branch CTD Data Report
CTD_REPORT_2018001EN

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

EN1801 (EN611)
2018 GSO/AMAPPS Right Whale Cruise
Data Coverage: April 3-8, 2018
Mid Atlantic Bight

This report presents a summary of surface and bottom temperature and salinity data collected during the 2018 GSO/AMAPPS Right Whale Cruise aboard the UNOLS R/V *Endeavor*. All data was obtained with the shipboard Seabird Electronics SBE Model 9/11+ CTD (S/N 0607) and an NEFSC Seacat 19+ (S/N 4493). Salt water samples were collected for the purpose of calibrating the conductivity cell.

The SBE19+ was deployed on 5 bongo net casts (the first cast was unusable), 4 tow-yo'd VPR tows, and 4 water sampling casts. The SBE9/11+ was used at 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](#)

The data is also stored in [comma delimited file](#)

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

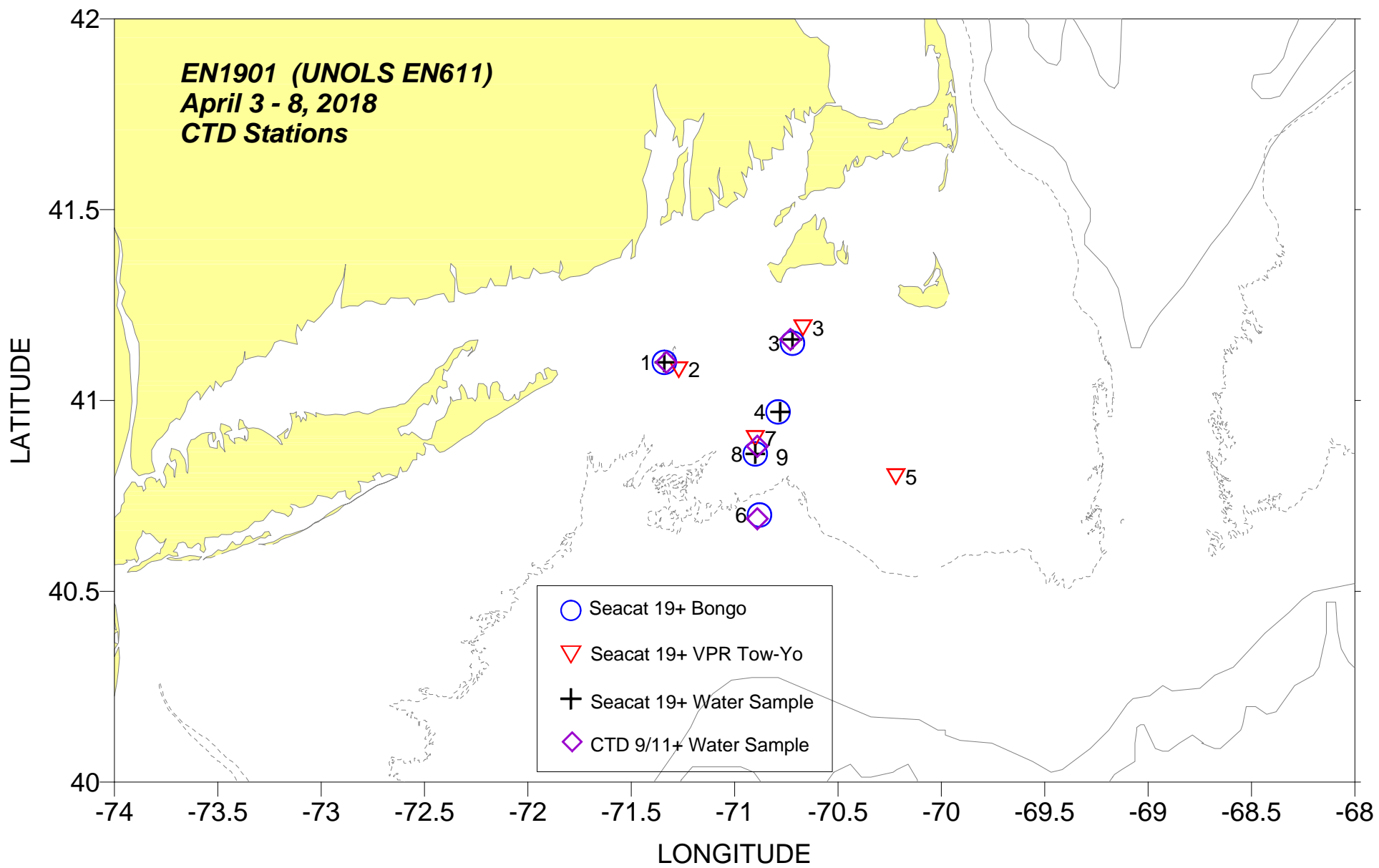
<http://www.nefsc.noaa.gov/HydroAtlas/>

choose: **2018 Cruises**

APR_AMAPPS_EN1801

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Revised: April 19, 2019



EN1801 EMAPPS (UNOLS EN611)
April 3 - 8, 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
2	1	4106.1	7120.3	3	4	2018	17:40	54	5.05	32.08	4.91	32.57	5	W
1	1	4106.2	7119.5	3	4	2018	18:53	48	5.02	32.09	4.90	32.56	6	W
3.001	2	4104.5	7116.0	3	4	2018	20:47	40	4.75	32.22	4.88	32.41	6	T
3.002	2	4104.5	7116.0	3	4	2018	21:01	40	NaN	NaN	4.90	32.37	6	T
3.003	2	4104.5	7116.0	3	4	2018	21:07	40	4.69	32.19	4.90	32.35	6	T
3.004	2	4104.5	7116.0	3	4	2018	21:13	40	4.66	32.19	4.88	32.34	9	T
3.005	2	4104.5	7116.0	3	4	2018	21:18	40	4.65	32.18	4.85	32.32	8	T
3.006	2	4104.5	7116.0	3	4	2018	21:23	40	4.61	32.18	4.83	32.31	10	T
3.007	2	4104.5	7116.0	3	4	2018	21:28	40	NaN	NaN	4.80	32.30	10	T
3.008	2	4104.5	7116.0	3	4	2018	21:34	40	4.61	32.17	4.76	32.28	9	T
3.009	2	4104.5	7116.0	3	4	2018	21:39	40	4.61	32.18	4.71	32.26	10	T
3.01	2	4104.5	7116.0	3	4	2018	21:44	40	NaN	NaN	4.68	32.24	9	T
3.011	2	4104.5	7116.0	3	4	2018	21:49	40	NaN	NaN	4.67	32.24	10	T
3.012	2	4104.5	7116.0	3	4	2018	21:54	40	4.61	32.15	4.64	32.22	9	T
3.013	2	4104.5	7116.0	3	4	2018	21:59	40	NaN	NaN	4.61	32.21	9	T
2	3	4109.8	7043.7	4	4	2018	14:26	35	4.37	32.12	4.01	32.25	4	W
4	3	4109.3	7043.5	4	4	2018	15:00	37	4.36	32.20	4.02	32.28	4	W
5	3	4109.1	7043.1	4	4	2018	15:21	38	4.31	32.23	4.03	32.27	5	B
6.001	3	4111.5	7040.5	4	4	2018	16:20	33	4.49	32.15	4.35	32.19	5	T
6.002	3	4111.5	7040.5	4	4	2018	16:29	33	4.53	32.16	4.44	32.20	4	T
6.003	3	4111.5	7040.5	4	4	2018	16:33	33	4.57	32.17	4.58	32.22	5	T
6.004	3	4111.5	7040.5	4	4	2018	16:37	33	4.63	32.18	4.67	32.24	6	T
6.005	3	4111.5	7040.5	4	4	2018	16:41	33	4.67	32.19	4.70	32.24	5	T
6.006	3	4111.5	7040.5	4	4	2018	16:46	33	NaN	NaN	4.73	32.26	6	T
6.007	3	4111.5	7040.5	4	4	2018	16:49	33	NaN	NaN	4.74	32.25	6	T
6.008	3	4111.5	7040.5	4	4	2018	16:54	33	NaN	NaN	4.78	32.26	5	T
6.009	3	4111.5	7040.5	4	4	2018	16:58	33	4.84	32.24	4.82	32.25	7	T
6.01	3	4111.5	7040.5	4	4	2018	17:01	33	NaN	NaN	4.86	32.24	5	T
6.011	3	4111.5	7040.5	4	4	2018	17:06	33	NaN	NaN	4.92	32.26	7	T

EN1801 EMAPPS (UNOLS EN611)
April 3 - 8, 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
6.012	3	4111.5	7040.5	4	4	2018	17:10	33	4.90	32.25	4.91	32.26	6	T
6.013	3	4111.5	7040.5	4	4	2018	17:14	33	4.98	32.26	4.92	32.26	7	T
7	4	4058.3	7047.3	6	4	2018	11:13	51	4.57	32.28	4.71	32.78	2	B
8	4	4058.1	7047.0	6	4	2018	11:31	51	4.57	32.28	4.70	32.77	3	W
9.001	5	4047.9	7013.0	6	4	2018	20:38	43	4.55	32.47	4.53	32.47	7	T
9.002	5	4047.9	7013.0	6	4	2018	20:46	43	4.58	32.48	4.56	32.48	7	T
9.003	5	4047.9	7013.0	6	4	2018	20:52	43	NaN	NaN	4.62	32.50	8	T
9.004	5	4047.9	7013.0	6	4	2018	20:59	43	NaN	NaN	4.67	32.52	8	T
9.005	5	4047.9	7013.0	6	4	2018	21:04	43	NaN	NaN	4.76	32.55	7	T
9.006	5	4047.9	7013.0	6	4	2018	21:10	43	NaN	NaN	4.80	32.57	8	T
9.007	5	4047.9	7013.0	6	4	2018	21:16	43	4.76	32.55	4.85	32.59	9	T
9.008	5	4047.9	7013.0	6	4	2018	21:21	43	NaN	NaN	4.92	32.62	8	T
9.009	5	4047.9	7013.0	6	4	2018	21:26	43	NaN	NaN	4.93	32.62	7	T
9.01	5	4047.9	7013.0	6	4	2018	21:31	43	4.88	32.59	4.95	32.63	10	T
9.011	5	4047.9	7013.0	6	4	2018	21:36	43	4.94	32.62	5.03	32.65	10	T
10	6	4042.0	7053.0	7	4	2018	16:37	68	5.08	32.72	4.89	32.91	3	B
3	6	4041.4	7053.6	7	4	2018	17:15	67	5.09	32.72	4.91	32.89	4	W
11.001	7	4054.1	7054.2	7	4	2018	22:44	57	4.77	32.34	4.93	32.87	5	T
11.002	7	4054.1	7054.2	7	4	2018	22:53	57	4.78	32.34	4.94	32.88	7	T
11.003	7	4054.1	7054.2	7	4	2018	22:59	57	4.81	32.35	4.95	32.88	7	T
12	8	4051.7	7054.0	7	4	2018	23:44	55	4.81	32.35	4.98	32.89	3	B
13	8	4051.5	7053.9	7	4	2018	23:57	55	4.81	32.35	4.98	32.89	5	W
4	9	4052.9	7053.3	8	4	2018	0:37	55	4.77	32.32	4.96	32.87	4	W

Deployment codes: B=bongo cast; W=water cast; and T=Tow-Yo VPR cast

Records in bold are collected with an SBE911+ CTD