

Oceanography Branch CTD Data Report
CTD_REPORT_2018001EY

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CTD_REPORT_2018001EY

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

EY 1801
Apex Predator Longline Survey
Data Coverage: April 11 – May 22, 2018
South Atlantic Bight

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's EY1801 Apex Predator Longline Survey aboard the charter vessel *Eagle Eye II*. Data was obtained with a Sea-Bird Electronics SBE Model 19+ profiling CTD (s/n 6128). Data presented here have been audited; however, corrections and/or updates may be applied at a later time.

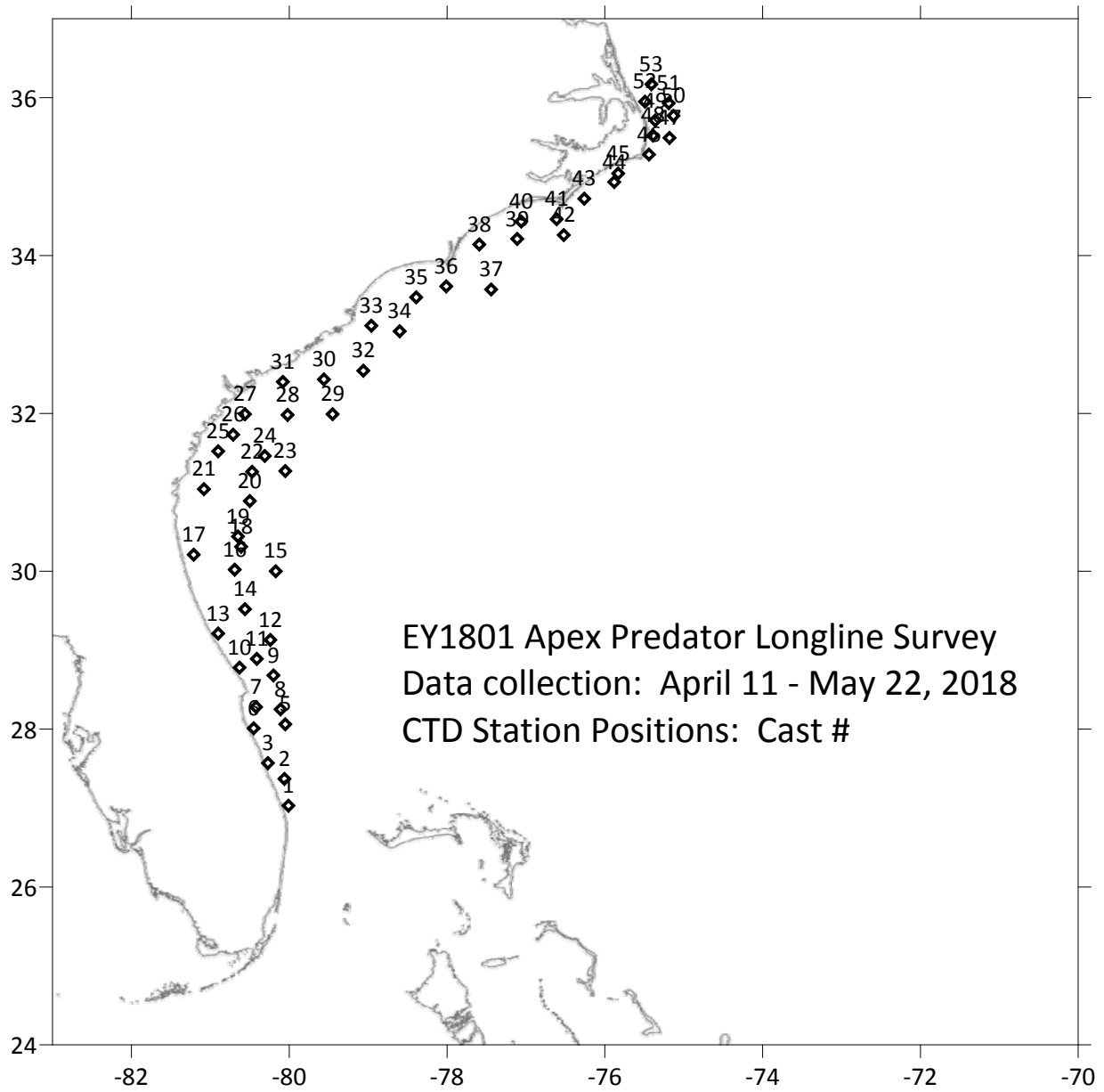
The most recent and complete station data can be found in an [NODC formatted ASCII file](#) and in a [comma delimited file](#).

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

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

choose: **2018 Cruises**
APR_APEX_EY1801
CTD_REPORT_2018001EY.pdf

Revised: September 19, 2019



**EY1801 Apex Predator longline Survey
April 11 - May 22, 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	2701.8	8000.4	11	4	2018	7:38	36	24.70	36.32	24.58	36.39	6	V
2	2	2722.0	8003.4	12	4	2018	10:28	24	23.51	36.42	23.51	36.42	7	V
3	3	2734.5	8015.9	12	4	2018	18:30	29	23.39	36.42	23.19	36.40	8	V
5	5	2803.3	8003.0	13	4	2018	20:44	11	24.11	36.46	24.06	36.46	2	V
6	6	2800.7	8027.0	17	4	2018	5:54	14	24.31	36.35	24.32	36.35	2	V
7	7	2816.8	8025.1	17	4	2018	20:27	16	23.85	36.46	23.80	36.45	5	V
8	8	2814.8	8006.8	18	4	2018	5:43	41	23.45	36.49	20.40	36.40	5	V
9	9	2840.6	8011.9	18	4	2018	16:09	42	22.77	36.46	21.06	36.41	5	W
10	10	2846.8	8037.6	19	4	2018	2:15	17	23.21	36.53	23.21	36.53	6	V
11	11	2853.3	8024.3	19	4	2018	11:12	22	22.72	36.53	22.73	36.53	7	V
12	12	2908.0	8014.6	19	4	2018	20:05	46	24.90	36.51	20.08	36.30	8	V
13	13	2912.9	8054.1	24	4	2018	11:44	17	20.71	35.06	20.80	35.12	5	V
14	14	2931.5	8033.3	24	4	2018	22:19	22	22.77	35.75	22.99	36.47	1	V
15	15	2959.8	8010.1	25	4	2018	12:02	14	20.15	34.81	20.01	35.05	3	V
16	16	3001.2	8041.3	25	4	2018	22:25	33	22.08	36.01	21.52	36.01	3	V
17	17	3012.3	8112.4	26	4	2018	9:22	18	20.06	34.83	19.61	34.97	3	V
18	18	3018.6	8036.6	26	4	2018	19:46	32	22.44	36.09	21.71	36.07	6	V
19	19	3026.7	8039.1	27	4	2018	4:00	31	21.59	36.12	21.37	36.13	6	V
20	20	3053.5	8030.0	27	4	2018	21:57	35	21.94	36.21	21.29	36.18	6	W
21	21	3102.2	8104.6	28	4	2018	9:25	14	20.20	34.58	19.76	34.85	4	V
22	22	3115.5	8028.3	28	4	2018	20:47	29	19.96	36.06	19.81	36.10	4	V
23	23	3116.4	8003.0	29	4	2018	6:13	42	19.89	36.05	18.71	36.23	7	V
24	24	3127.7	8018.3	30	4	2018	22:59	30	19.67	36.43	19.43	36.44	6	V
25	25	3131.3	8053.9	1	5	2018	10:08	16	19.64	34.17	19.64	34.17	5	V
26	26	3143.9	8042.8	1	5	2018	18:57	15	20.24	34.88	19.46	34.94	3	V
27	27	3159.5	8033.3	2	5	2018	4:06	15	19.58	35.02	19.25	35.08	2	V
28	28	3158.8	8001.1	2	5	2018	15:26	26	20.32	36.43	19.94	36.41	2	V
29	29	3159.7	7927.0	3	5	2018	2:02	62	22.01	36.41	20.11	36.43	6	V

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30	30	3225.8	7933.5	3	5	2018	14:29	25	20.38	36.38	20.15	36.35	4	V
31	31	3224.0	8004.7	4	5	2018	0:24	14	20.71	35.55	19.66	35.53	4	V
32	32	3232.5	7903.9	9	5	2018	15:53	35	22.26	36.40	21.85	36.41	2	V
33	33	3306.5	7857.5	10	5	2018	2:54	14	21.56	33.88	19.33	35.18	1	V
34	34	3302.7	7835.8	10	5	2018	11:54	27	20.96	35.23	20.16	36.17	1	V
35	35	3327.9	7823.4	10	5	2018	22:17	24	21.37	35.22	18.85	35.88	1	V
36	36	3336.8	7800.3	11	5	2018	7:45	18	20.88	35.19	20.54	35.71	3	V
37	37	3334.2	7726.7	11	5	2018	18:01	31	24.09	36.38	22.17	36.34	1	V
38	38	3408.7	7735.7	12	5	2018	5:10	19	21.70	35.63	19.77	36.03	1	V
39	39	3412.8	7706.6	12	5	2018	14:56	28	22.25	35.44	20.80	36.37	1	V
40	40	3425.7	7703.9	12	5	2018	23:11	22	22.11	35.02	18.99	35.94	1	V
41	41	3427.6	7636.3	13	5	2018	9:25	22	21.31	35.06	19.37	35.74	1	V
42	42	3415.3	7631.0	13	5	2018	18:00	33	22.32	35.55	21.61	36.26	2	W
43	43	3442.9	7615.5	14	5	2018	6:03	25	22.80	35.89	21.74	36.37	1	V
44	44	3455.7	7552.9	14	5	2018	15:44	27	21.04	35.41	21.72	36.41	1	V
45	45	3502.6	7549.6	14	5	2018	23:08	24	20.69	35.39	21.35	36.23	1	V
46	46	3516.6	7526.4	15	5	2018	11:08	20	18.06	31.25	20.28	35.35	1	V
47	47	3529.7	7510.9	15	5	2018	21:11	34	18.87	30.75	20.22	35.39	1	V
48	48	3531.4	7523.2	16	5	2018	8:02	16	17.29	31.43	14.29	32.09	1	V
49	49	3542.8	7521.4	21	5	2018	12:58	19	17.54	31.35	11.32	32.32	1	V
50	50	3546.4	7507.7	21	5	2018	20:52	34	18.88	31.22	9.90	33.35	1	V
51	51	3555.8	7511.1	22	5	2018	4:36	35	18.52	30.70	10.35	33.25	1	V
52	52	3556.8	7529.2	22	5	2018	13:17	21	16.40	31.01	11.31	32.42	1	V
53	53	3610.3	7524.7	22	5	2018	21:05	32	20.31	29.98	10.85	33.09	1	V

Deployment codes: W=water cast; and V=vertical cast