

Oceans and Climate Branch CTD Data Report
CTD_REPORT_2021001EY

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DATE: 5 December 2022

Oceans and Climate Branch CTD Data Report

CTD_REPORT_2021001EY

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

EY 2101
Apex Predator Longline Survey
Data Coverage: April 14 – May 24, 2021
South Atlantic Bight

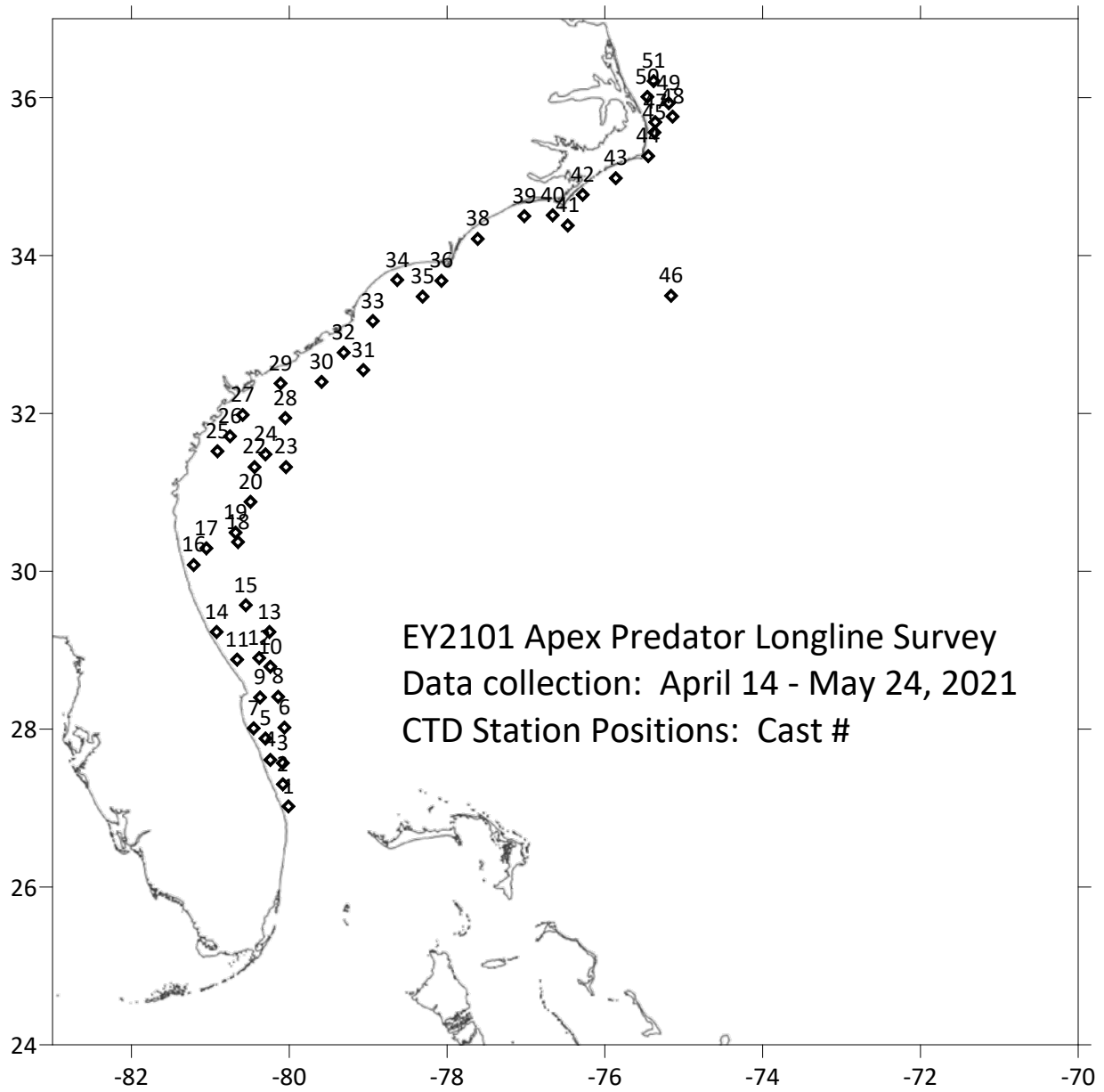
This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's EY2101 Apex Predator Longline Survey aboard the charter vessel *Eagle Eye II*. Data was obtained with a Sea-Bird Electronics SBE Model 19+V2 profiling CTD (s/n 4477).

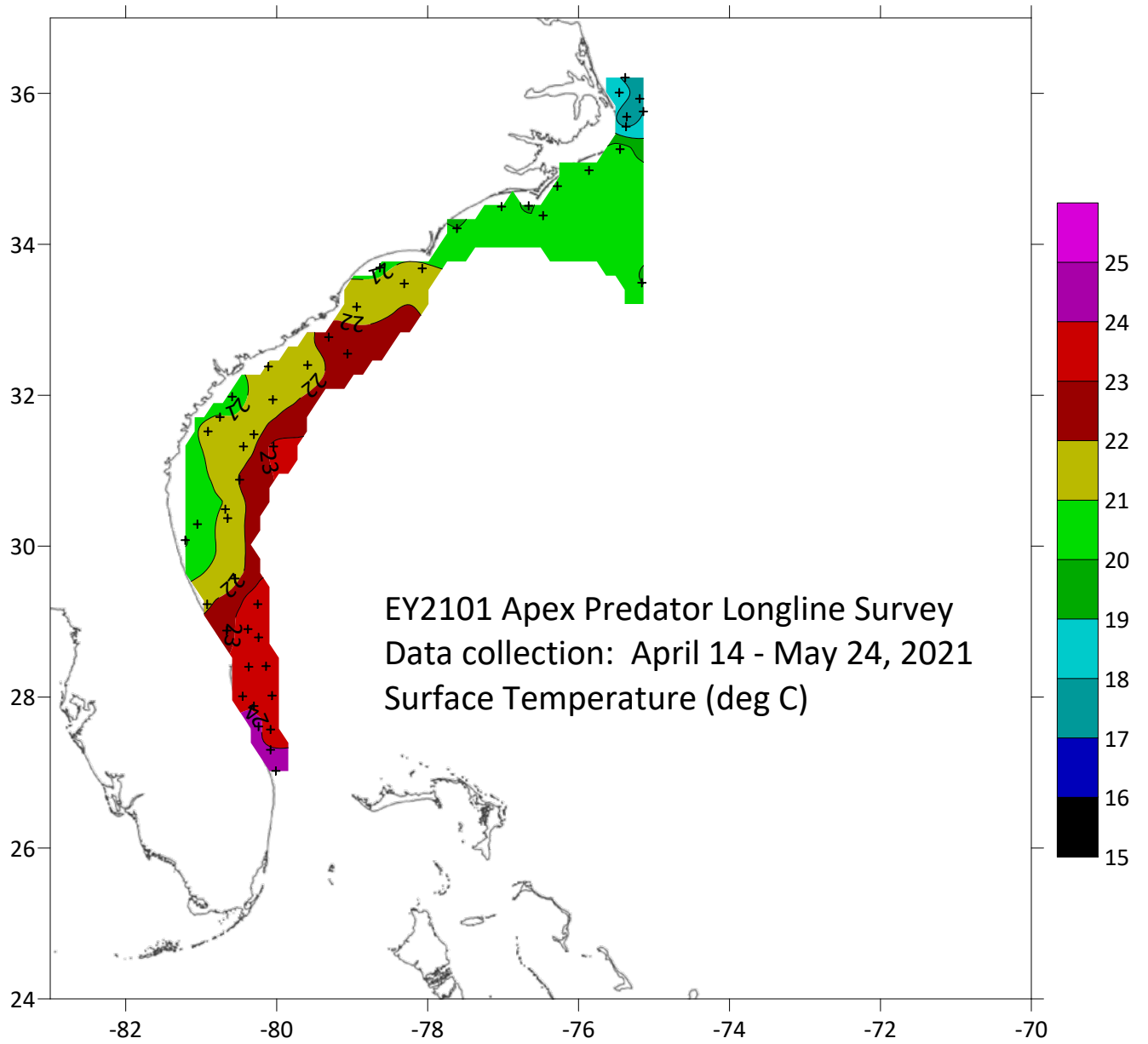
The SBE19+V2 was deployed on 51 casts (2 casts were lost).

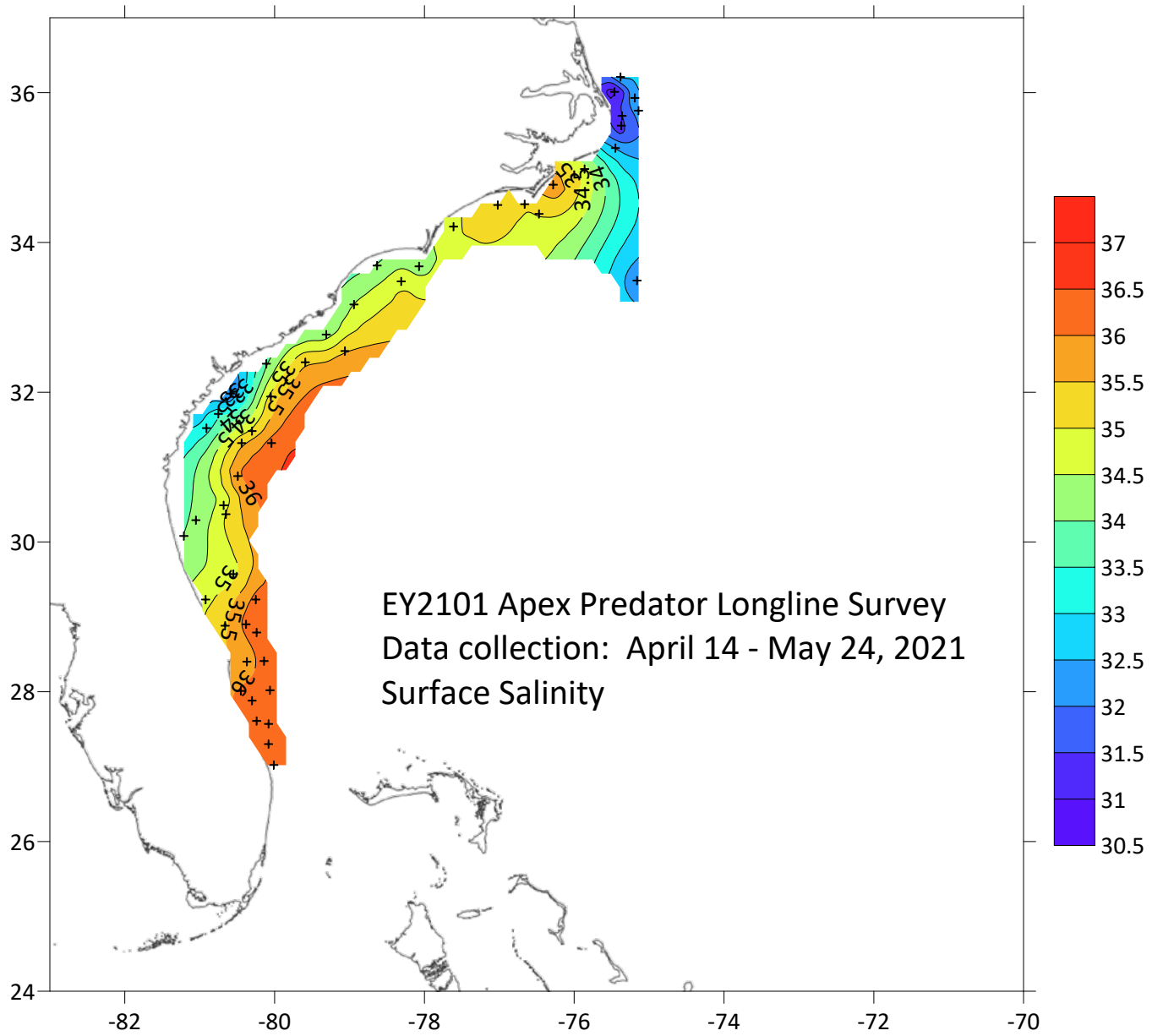
Data presented here have been audited, however, corrections and/or updates may be applied at a later time.

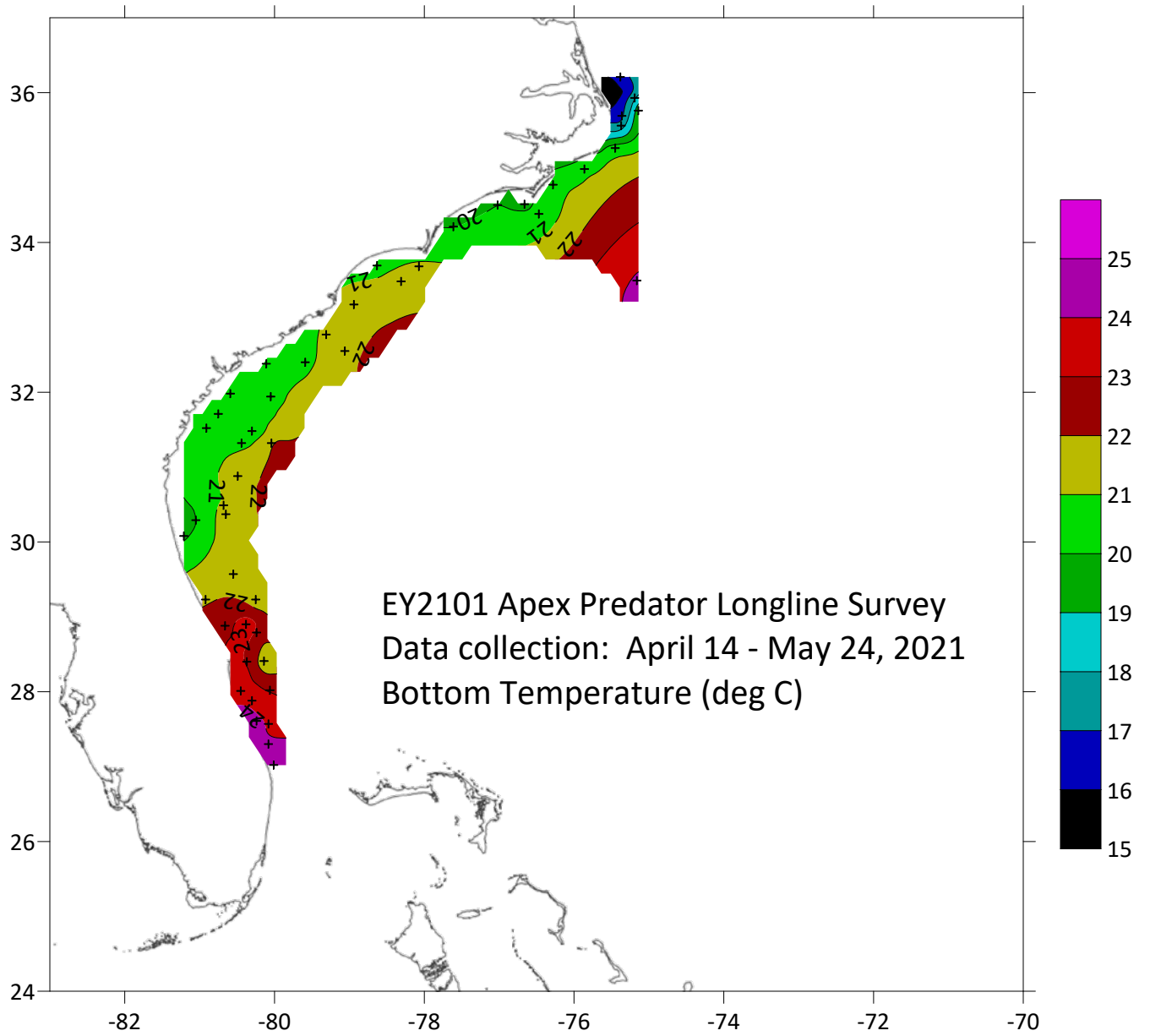
The most recent and complete station data can be found by contacting [Dr. Chris Melrose](#)

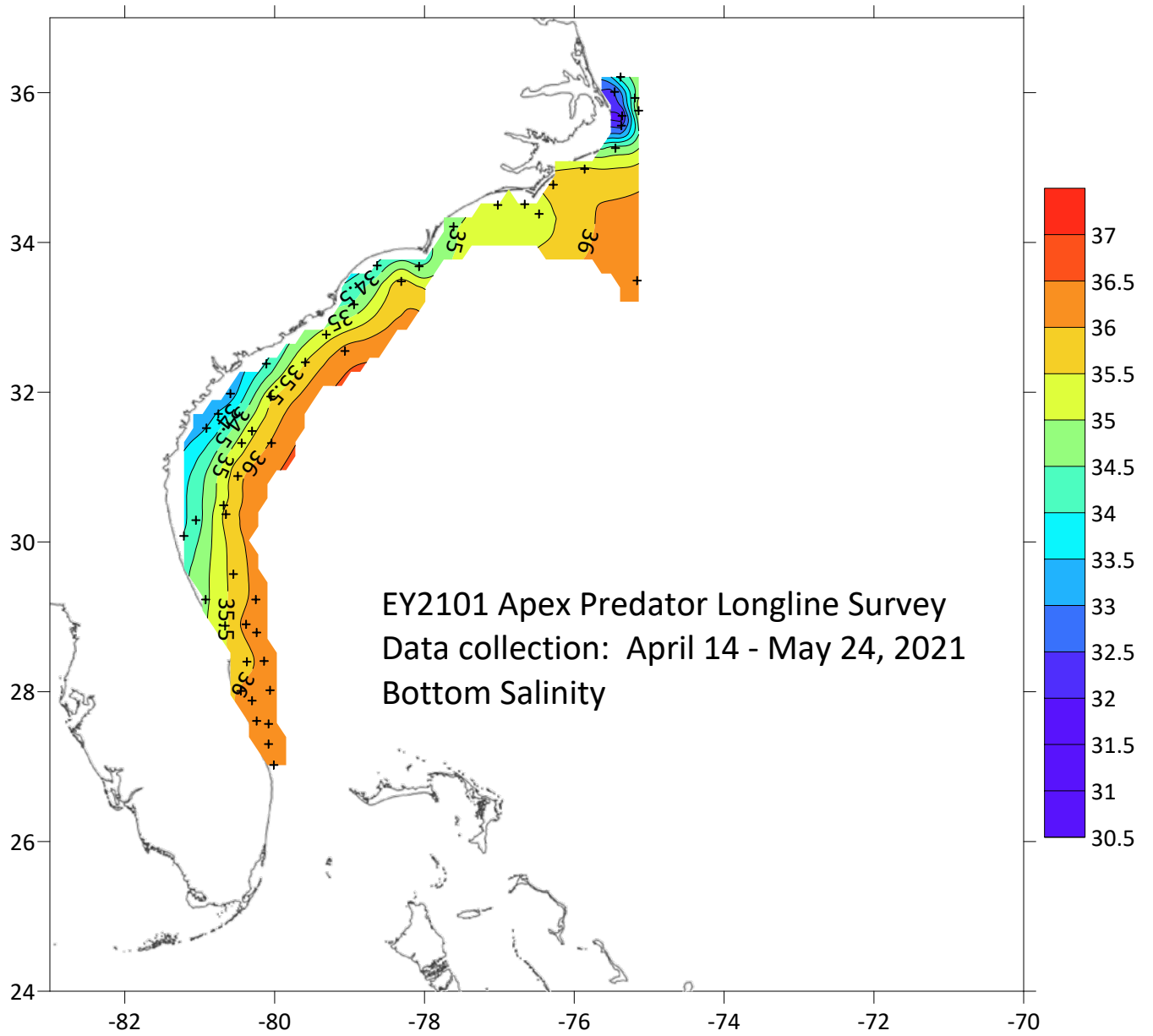
Revised: January 21, 2022











**EY2101 Apex Predator Longline Survey
April 14 - May 24, 2021**

Cast #	Station #	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	2700.9	8000.8	14	4	2021	14:07	23	24.88	36.29	24.84	36.30	7	V
2	2	2718.2	8004.7	14	4	2021	23:10	19	24.17	36.17	24.03	36.17	7	V
3	3	2734.1	8004.9	15	4	2021	8:19	26	23.01	36.21	22.59	36.20	10	V
4	4	2736.8	8014.5	15	4	2021	17:34	12	24.41	36.30	24.16	36.27	4	V
5	5	2752.9	8017.7	16	4	2021	8:08	13	23.89	36.28	23.89	36.28	2	V
6	6	2801.2	8003.9	16	4	2021	16:37	42	23.88	36.27	22.88	36.22	11	V
7	7	2800.5	8027.3	17	4	2021	3:50	15	23.72	36.09	23.72	36.09	8	V
8	8	2824.3	8008.1	17	4	2021	18:05	43	23.92	36.29	21.13	36.25	7	V
9	9	2823.8	8022.1	18	4	2021	4:12	15	23.46	35.66	23.16	35.78	4	V
10	10	2847.7	8014.7	18	4	2021	14:41	38	23.57	36.26	23.30	36.24	12	V
11	11	2853.0	8039.8	19	4	2021	1:10	15	22.52	35.38	22.44	35.35	5	V
12	12	2853.8	8022.5	19	4	2021	10:59	23	23.77	36.20	23.82	36.27	5	V
13	13	2914.0	8014.8	19	4	2021	20:48	51	23.93	36.20	21.21	36.14	8	V
14	14	2914.1	8055.5	20	4	2021	10:47	15	21.96	34.90	21.92	34.90	4	V
15	15	2934.4	8033.0	21	4	2021	11:11	28	21.63	34.79	21.86	35.68	7	V
16	16	3004.8	8112.4	23	4	2021	11:03	13	19.83	34.01	19.83	34.01	4	V
17	17	3017.1	8103.1	23	4	2021	21:24	22	20.48	34.13	19.89	34.19	4	V
18	18	3022.4	8039.0	25	4	2021	20:49	34	21.58	35.17	21.73	35.77	2	V
19	19	3029.7	8041.0	26	4	2021	4:48	26	20.89	34.49	21.01	35.29	4	V
20	20	3052.5	8029.3	27	4	2021	12:53	36	22.14	36.03	21.72	35.92	4	V
22	22	3119.0	8026.7	28	4	2021	11:21	29	21.26	35.45	20.83	35.57	11	V
23	23	3119.5	8002.1	28	4	2021	20:43	40	23.36	36.19	22.06	36.04	7	V
24	24	3128.9	8017.9	29	4	2021	5:50	31	21.54	35.07	20.16	35.40	7	V
25	25	3131.3	8054.7	29	4	2021	16:50	14	21.18	33.25	20.62	33.48	5	V
26	26	3142.8	8045.2	30	4	2021	1:21	17	21.04	33.43	20.26	33.58	6	V
27	27	3158.9	8035.3	30	4	2021	12:03	14	20.70	31.81	20.11	33.14	4	V
28	28	3156.5	8003.0	30	4	2021	23:33	25	21.41	35.25	20.65	35.48	3	V
29	29	3222.6	8006.5	3	5	2021	0:07	10	21.48	33.93	20.99	33.97	3	V
30	30	3224.1	7935.2	3	5	2021	19:03	24	21.52	35.51	20.72	35.53	5	V

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31	31	3232.8	7903.5	6	5	2021	16:37	33	22.23	35.54	21.79	36.25	6	V
32	32	3246.1	7918.3	7	5	2021	1:17	18	22.46	34.13	21.12	35.23	5	V
33	33	3310.0	7856.6	8	5	2021	8:33	14	21.60	34.53	21.61	34.53	3	V
34	34	3341.4	7837.7	9	5	2021	12:02	13	20.61	33.96	20.57	33.98	3	V
35	35	3328.6	7818.9	9	5	2021	22:15	22	21.96	34.99	21.49	35.97	4	V
36	36	3340.7	7804.4	11	5	2021	9:43	14	21.16	34.18	21.17	34.27	3	V
38	38	3412.7	7736.3	15	5	2021	10:38	16	19.92	34.98	19.93	34.98	2	V
39	39	3429.8	7701.1	15	5	2021	21:01	17	20.38	35.25	20.02	35.23	3	V
40	40	3430.3	7639.5	16	5	2021	11:18	17	19.82	34.99	19.82	35.00	2	V
41	41	3422.8	7628.4	16	5	2021	19:43	15	20.17	35.01	20.14	35.01	3	V
42	42	3445.9	7616.6	17	5	2021	18:55	20	21.00	35.94	20.66	35.95	1	V
43	43	3458.6	7551.5	19	5	2021	10:32	20	20.10	34.77	20.57	35.67	2	V
44	44	3515.8	7526.9	19	5	2021	21:49	17	20.79	32.50	20.69	34.81	3	V
45	45	3533.4	7522.1	20	5	2021	7:30	17	17.67	30.94	17.03	31.87	7	V
46	46	3329.6	7509.8	20	5	2021	15:21	29	19.95	32.12	24.17	36.32	4	V
47	47	3541.4	7521.9	22	5	2021	10:04	24	17.15	31.68	16.73	31.90	4	V
48	48	3545.3	7508.4	22	5	2021	17:47	29	18.37	32.40	20.35	35.62	5	V
49	49	3556.0	7511.4	23	5	2021	12:34	33	17.23	32.40	17.27	34.50	6	V
50	50	3600.5	7527.6	23	5	2021	20:54	24	19.08	30.58	15.17	32.33	4	V
51	51	3612.8	7522.8	24	5	2021	4:53	30	17.72	32.58	16.72	34.25	7	V

Deployment codes: V=vertical cast