

*Oceans and Climate Branch CTD Data Report*  
*CTD\_REPORT\_2021002GU*

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Center, Woods Hole, Massachusetts 02543-1097.**

DATE: 5 December 2022

# Oceans and Climate Branch CTD Data Report

CTD\_REPORT\_2021002GU

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

GU 2102  
Spring ECOMON Survey  
Data Coverage: May 14 – 26, 2021  
Mid Atlantic Bight, Georges Bank, Gulf of Maine

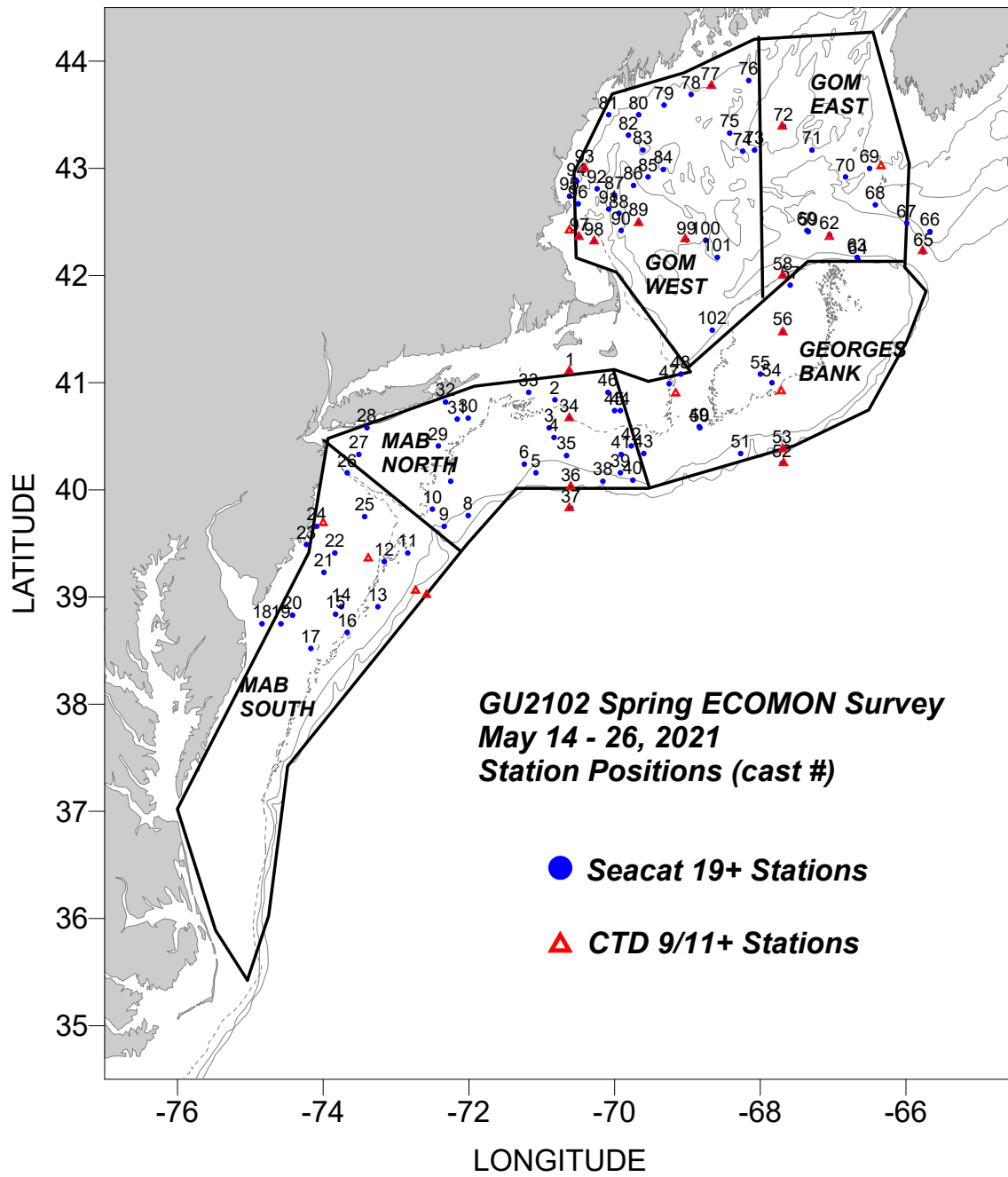
This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's GU2102 Spring ECOMON Survey aboard the NOAA vessel *Gordon Gunter*. Data was obtained with a Sea-Bird Electronics SBE Model 19+V2 profiling CTD (s/n 7143) during double oblique bongo tows and on vertical casts with a SBE Model 9/11+ s/n 0420. Sea water samples were taken for the purpose of calibrating salinity values.

The SBE19+ was deployed on 100 double oblique bongo casts and 1 water sampling casts. The SBE9/11+ was used successfully on 25 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 by contacting [Dr. Chris Melrose](#)

Revised: January 14, 2021



**Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the  
GU2102 Spring ECOMON Survey  
May 14 - 26, 2021**

		<b>SURFACE TEMPERATURE</b>						<b>BOTTOM TEMPERATURE</b>					
Region	CD	#obs	Temp (degC)	Anomaly	SDV1	SDV2	Flag	#obs	Temp (degC)	Anomaly	SDV1	SDV2	Flag
WGOM	144	34	11.60	2.62	0.19	1.10	0	29	6.89	1.75	0.19	0.65	0
EGOM	142	15	9.70	2.44	0.27	0.92	0	12	8.55	1.74	0.41	0.79	0
GB	141	14	9.91	1.24	0.37	1.89	0	14	9.36	1.74	0.28	0.43	0
MABN	137	29	12.20	2.27	0.31	1.01	0	29	9.19	1.42	0.35	1.24	0
MABS	136	19	13.64	1.64	1.60	1.03	1	18	9.80	1.62	1.85	1.01	1

		<b>SURFACE SALINITY</b>						<b>BOTTOM SALINITY</b>					
Region	CD	#obs	Salinity	Anomaly	SDV1	SDV2	Flag	#obs	Salinity	Anomaly	SDV1	SDV2	Flag
WGOM	144	34	32.27	0.14	0.08	0.21	0	29	33.23	-0.02	0.06	0.27	0
EGOM	142	15	32.04	-0.34	0.15	0.35	0	12	34.08	0.25	0.14	0.35	0
GB	141	14	32.88	-0.11	0.13	0.39	0	14	33.27	-0.02	0.10	0.16	0
MABN	137	29	32.19	-0.37	0.14	0.48	0	29	33.62	0.18	0.13	0.41	0
MABS	136	19	32.48	0.16	0.85	0.45	1	18	33.61	0.29	0.64	0.31	1

"Region"; WGOM is the Western Gulf of Maine; EGOM is the Eastern Gulf of Maine; GB is Georges Bank; MABN is the northern Mid-Atlantic Bight; MABS is the southern Mid-Atlantic Bight;

"CD": the calendar mid-date of all the stations within a region for a cruise;

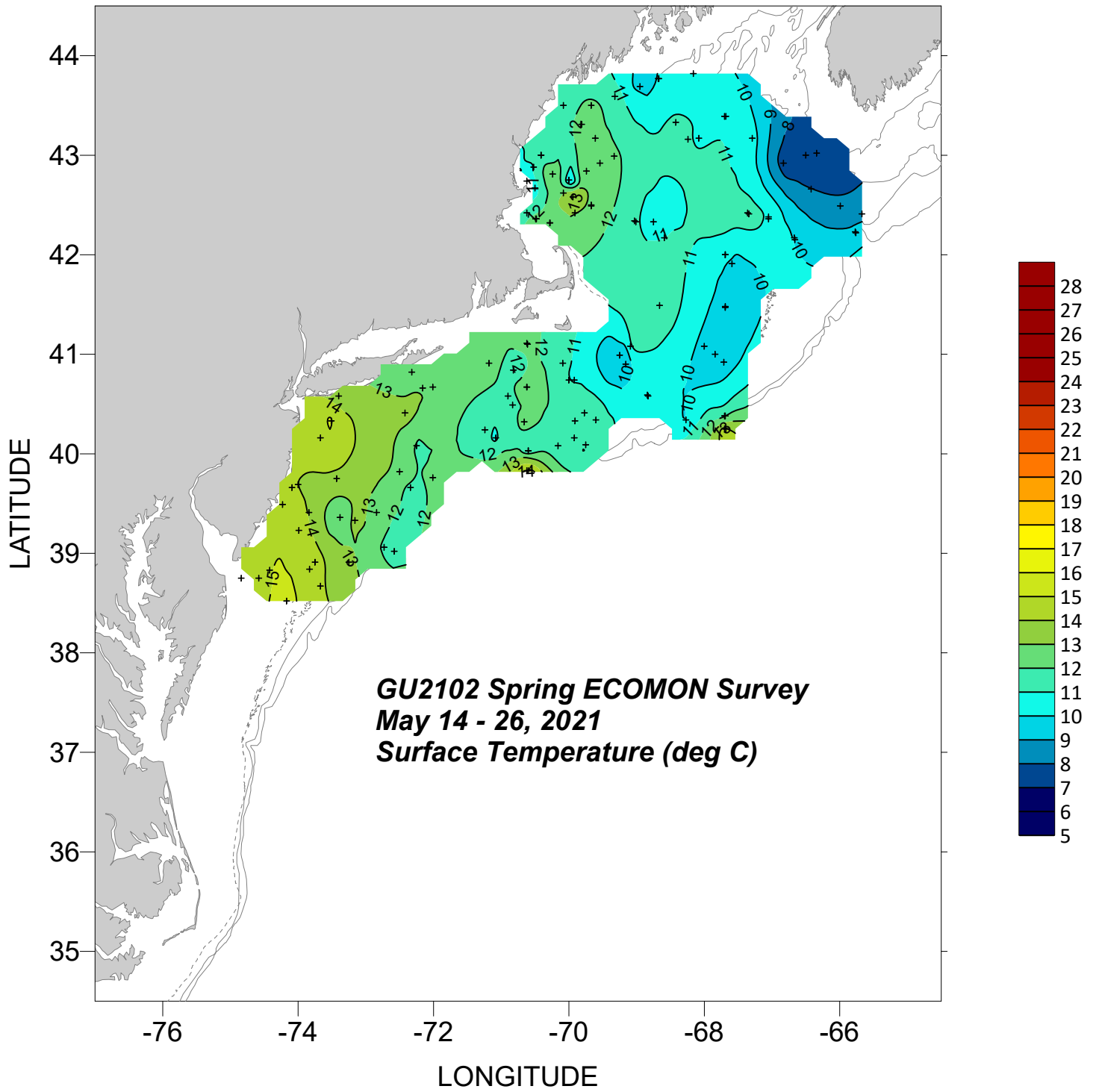
"#obs": the number of observations include in each average;

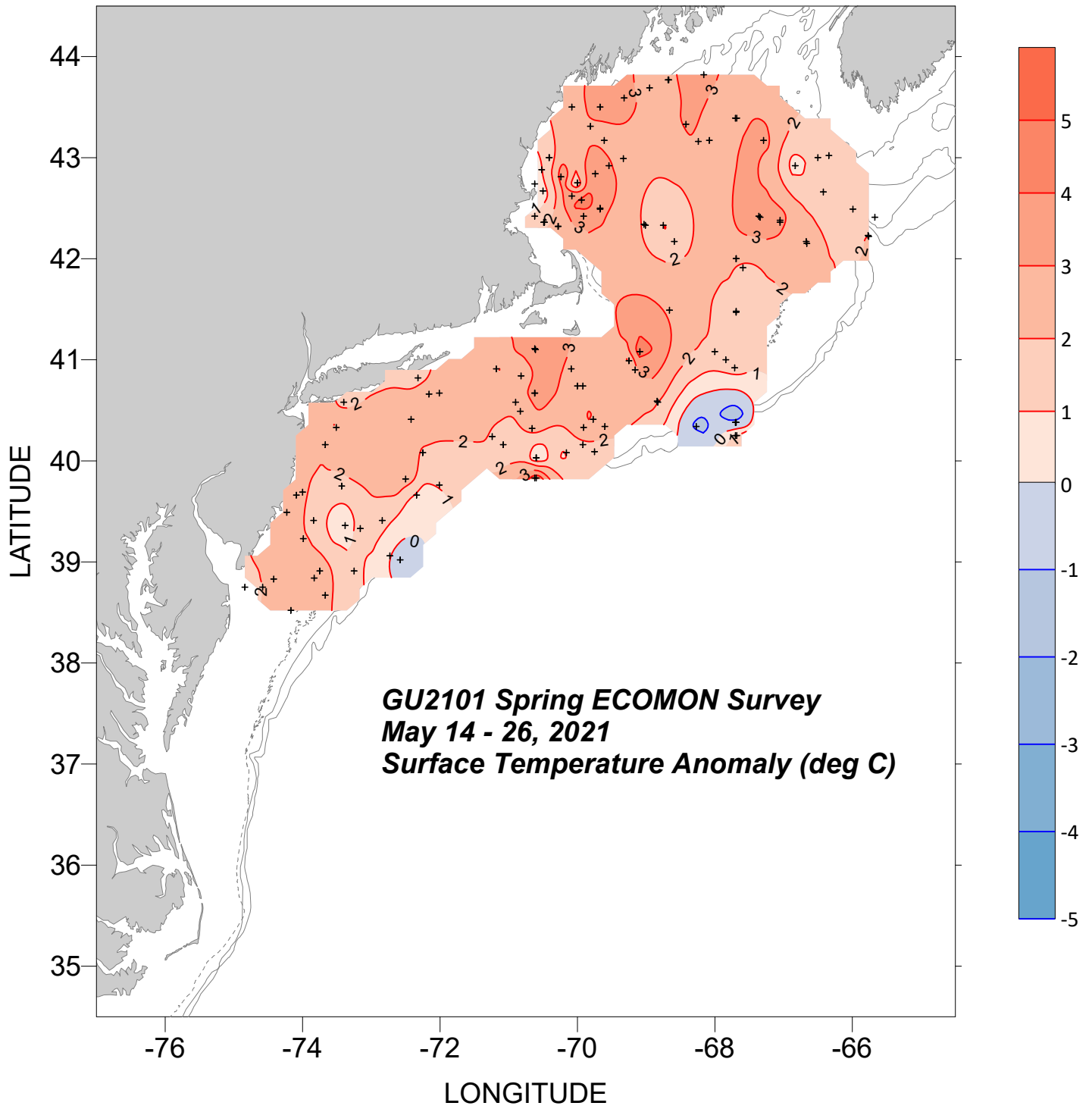
"Temp (degC)"/"Salt": the areal averaged temperature or salinity; "Anomaly": the areal averaged temp/salt anomaly;

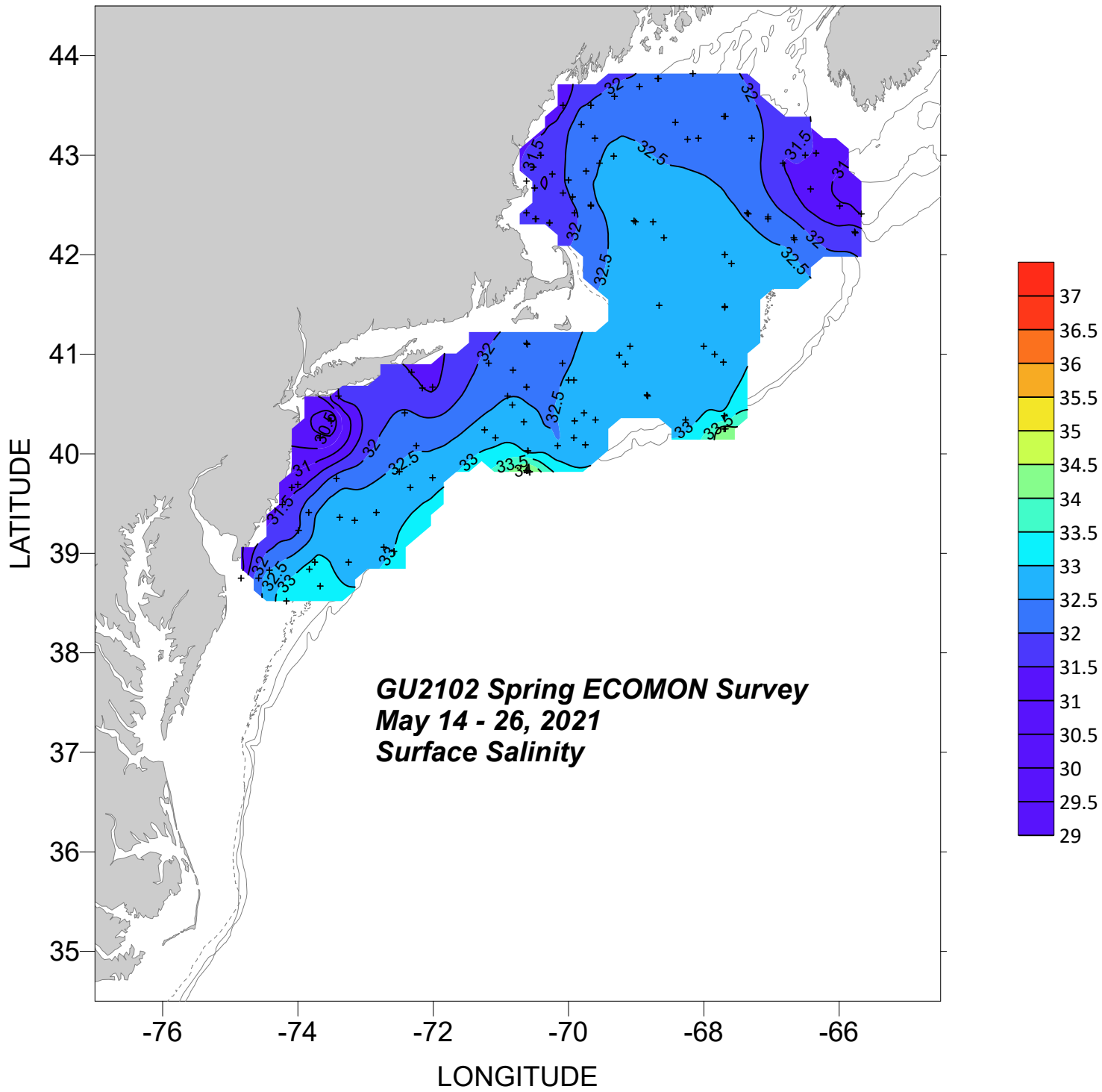
"SDV1": the standard deviation associated with the average temp/salt anomaly;

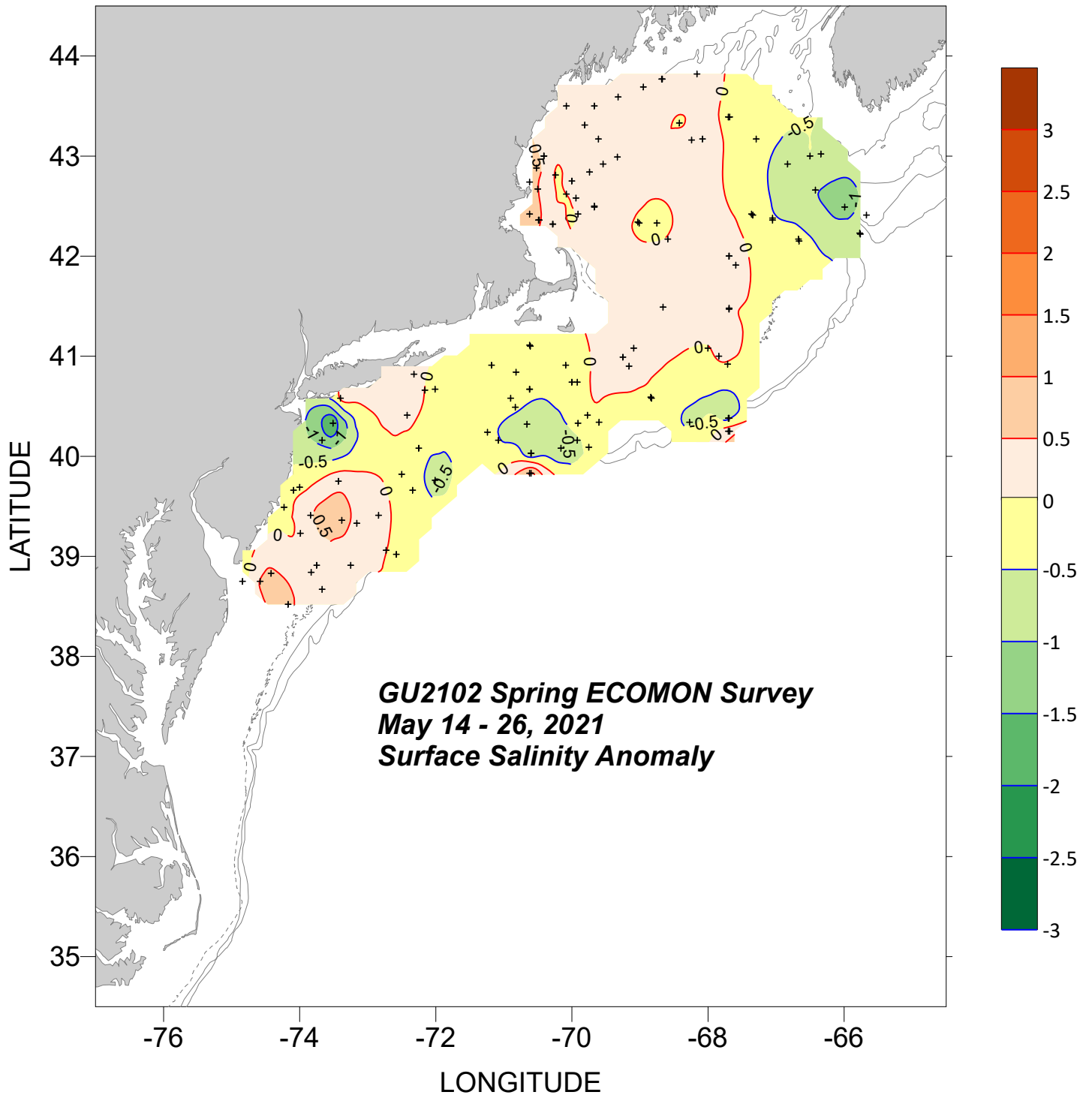
"SDV2": the standard deviation of the individual anomalies from which the average anomaly was derived;

"Flag": a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

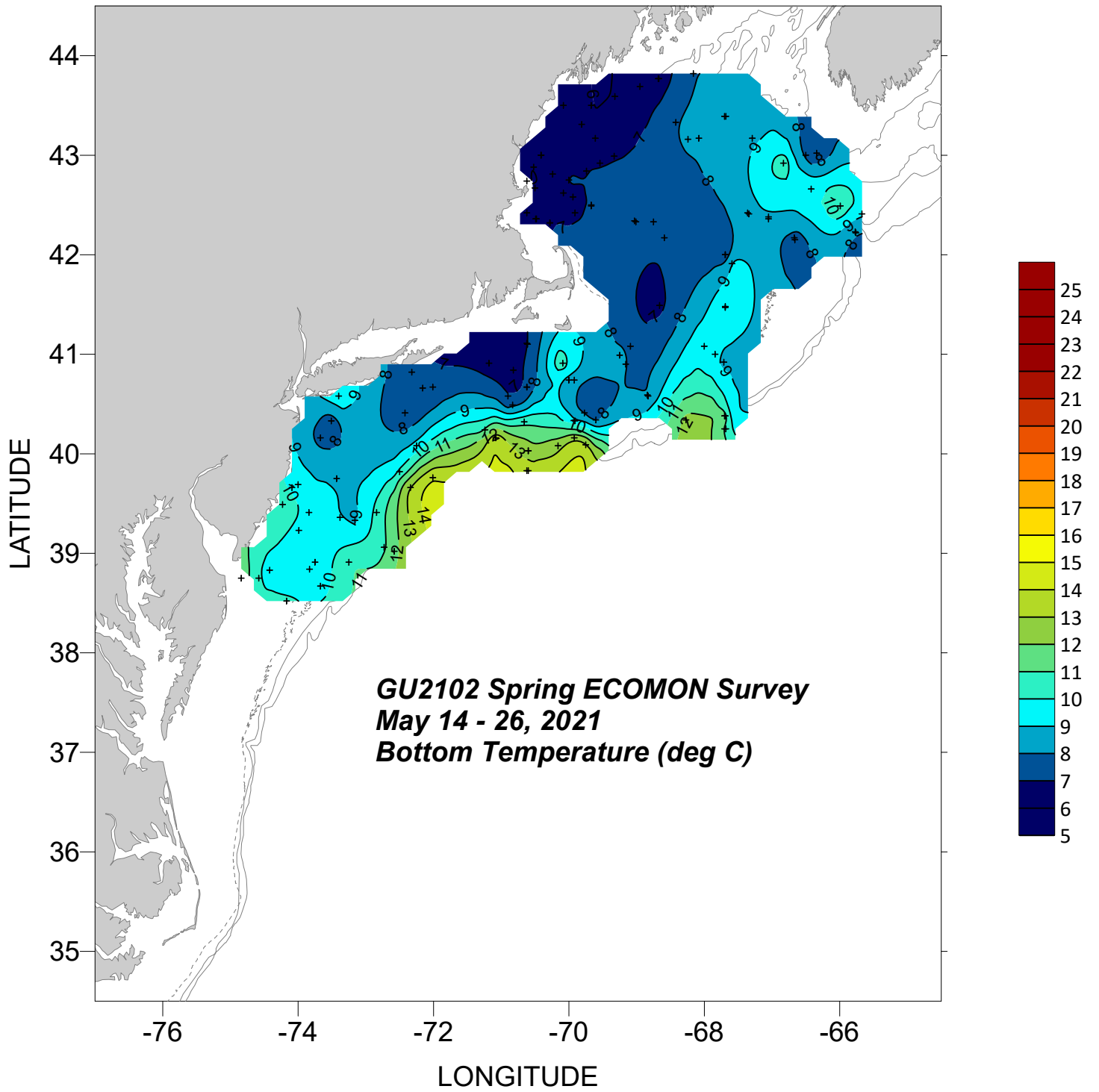


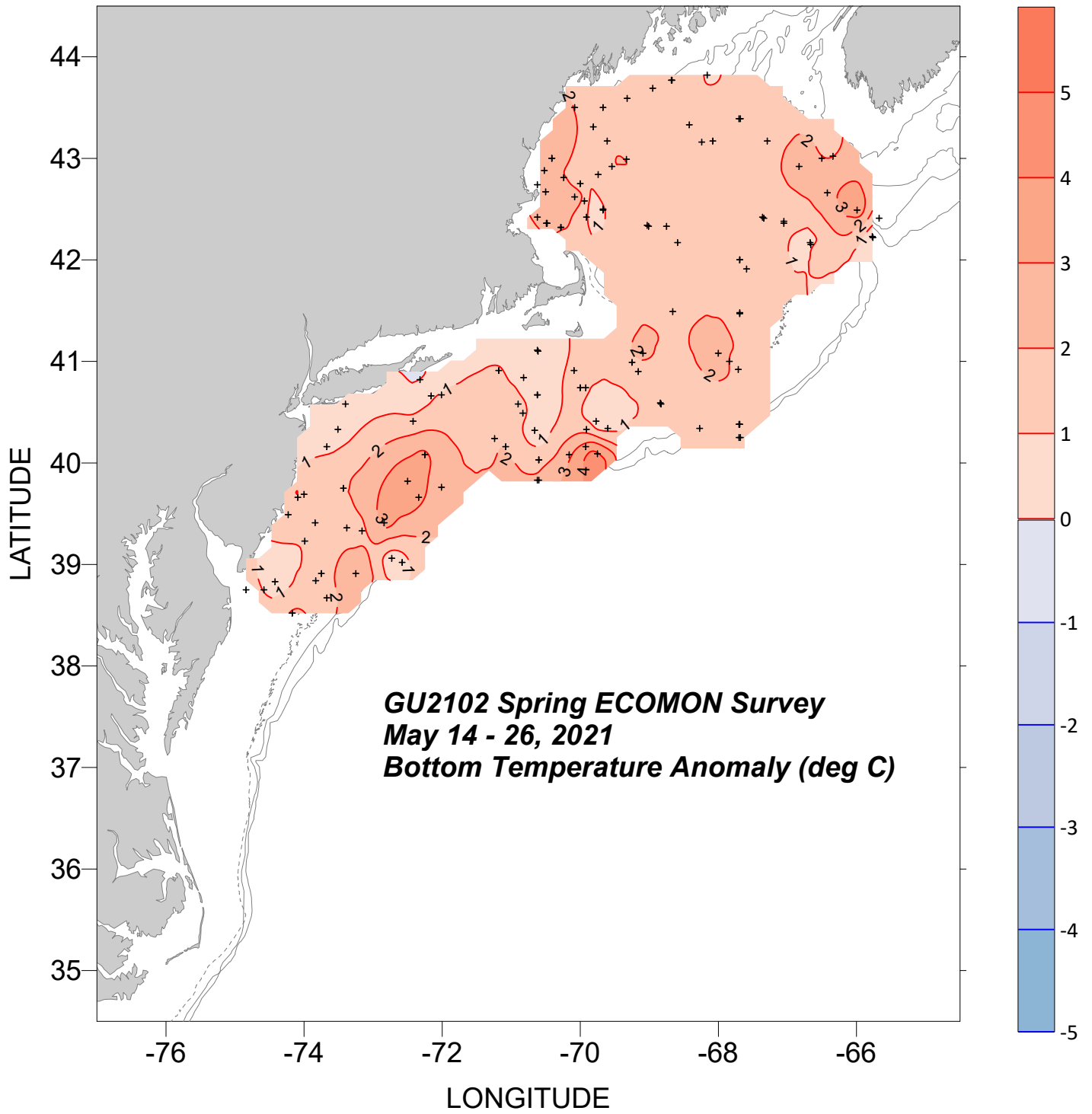


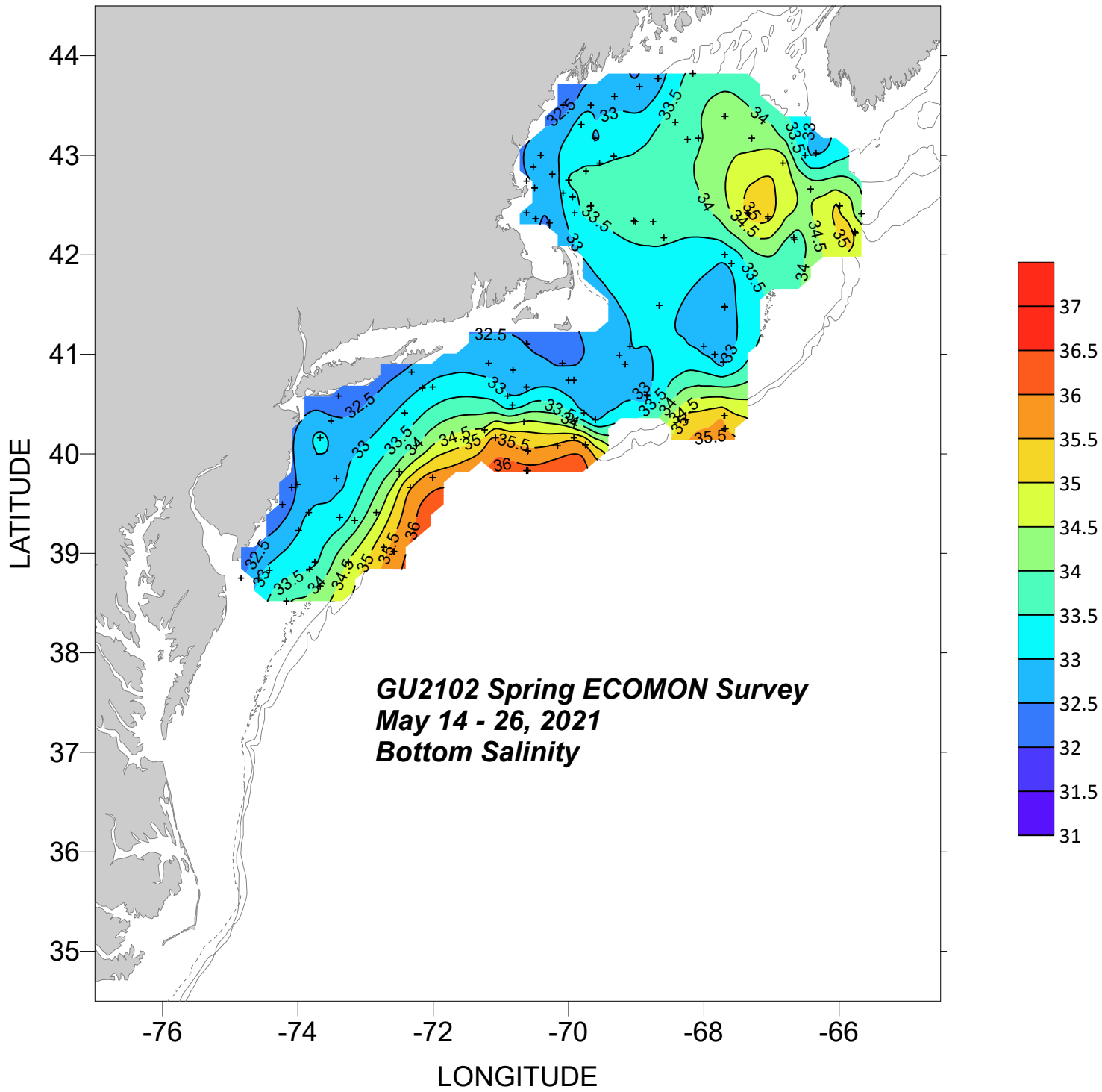


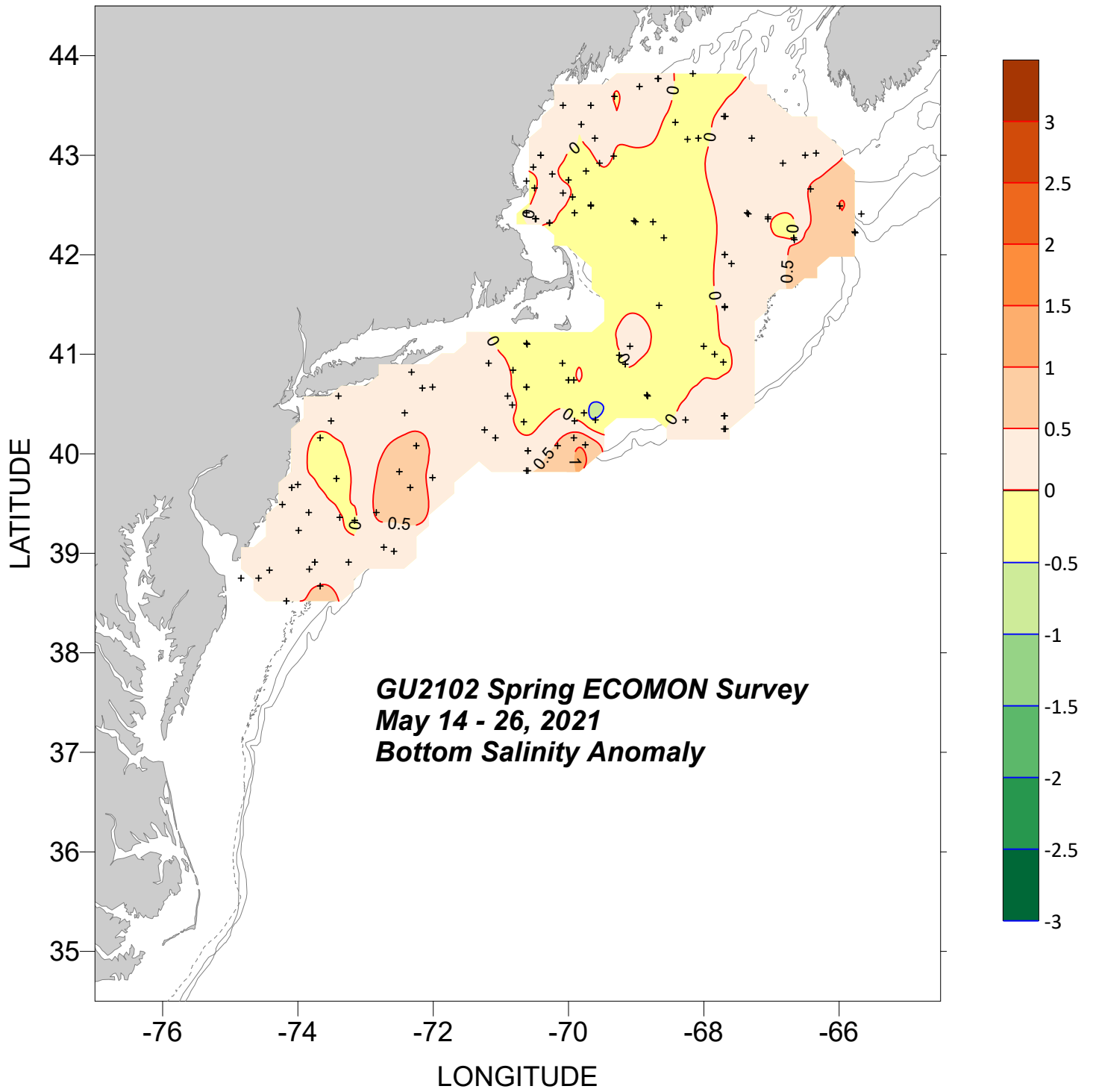












**GU2102 ECOMON Survey**  
**May 14 - 26, 2021**

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	4106.2	7036.8	14	5	2021	21:45	43	12.17	32.30	6.83	32.48	5	B
<b>1</b>	<b>1</b>	<b>4106.4</b>	<b>7037.4</b>	<b>14</b>	<b>5</b>	<b>2021</b>	<b>22:07</b>	<b>44</b>	<b>12.32</b>	<b>32.27</b>	<b>6.80</b>	<b>32.49</b>	<b>4</b>	<b>W</b>
2	2	4050.2	7049.4	15	5	2021	0:33	58	11.21	32.18	6.71	32.89	4	B
3	3	4034.9	7054.2	15	5	2021	2:39	73	11.81	32.48	7.05	33.01	4	B
4	4	4029.7	7049.8	15	5	2021	3:46	79	11.13	32.65	7.01	33.02	4	B
5	5	4009.5	7105.0	15	5	2021	6:44	142	10.76	32.78	13.88	35.75	3	B
6	6	4014.3	7114.4	15	5	2021	8:09	98	11.29	32.71	10.91	34.56	4	B
7	7	4004.9	7214.9	15	5	2021	13:25	77	11.73	32.45	9.29	33.94	4	B
8	8	3945.4	7200.3	15	5	2021	16:06	150	12.25	32.76	13.94	35.74	3	B
9	9	3939.8	7220.1	15	5	2021	18:19	115	11.67	32.82	13.48	35.63	4	B
10	10	3949.3	7230.0	15	5	2021	20:11	66	12.84	32.61	9.81	34.22	4	B
11	11	3924.9	7250.1	15	5	2021	23:32	70	12.54	32.84	10.37	34.32	4	B
<b>2</b>	<b>12</b>	<b>3900.9</b>	<b>7234.8</b>	<b>16</b>	<b>5</b>	<b>2021</b>	<b>2:49</b>	<b>969</b>	<b>11.67</b>	<b>33.00</b>	<b>5.81</b>	<b>35.06</b>	<b>463</b>	<b>W</b>
<b>3</b>	<b>13</b>	<b>3903.4</b>	<b>7243.6</b>	<b>16</b>	<b>5</b>	<b>2021</b>	<b>4:27</b>	<b>288</b>	<b>11.81</b>	<b>32.93</b>	<b>10.73</b>	<b>35.39</b>	<b>1</b>	<b>W</b>
12	14	3919.9	7309.7	16	5	2021	7:48	65	13.57	32.70	8.70	33.71	4	B
<b>4</b>	<b>15</b>	<b>3921.4</b>	<b>7322.8</b>	<b>16</b>	<b>5</b>	<b>2021</b>	<b>9:20</b>	<b>49</b>	<b>11.71</b>	<b>32.97</b>	<b>9.07</b>	<b>33.23</b>	<b>3</b>	<b>W</b>
13	16	3854.9	7315.0	16	5	2021	12:37	73	13.21	32.68	10.99	34.61	4	B
14	17	3854.7	7344.9	16	5	2021	15:30	49	14.55	33.14	9.34	33.40	3	B
15	18	3850.5	7349.7	16	5	2021	16:24	47	14.48	33.17	9.29	33.45	4	B
16	19	3840.4	7340.4	16	5	2021	17:57	62	14.10	33.24	9.47	34.02	4	B
17	20	3831.5	7410.1	16	5	2021	20:59	52	15.31	33.31	10.21	34.00	4	B
18	21	3844.8	7450.4	17	5	2021	1:04	17	14.43	30.64	12.14	32.29	4	B
19	22	3845.0	7434.9	17	5	2021	2:45	29	14.60	32.58	9.88	33.03	4	B
20	23	3849.9	7425.3	17	5	2021	4:00	30	15.04	32.50	9.53	33.13	5	B
21	24	3913.9	7359.6	17	5	2021	7:34	29	14.56	31.79	9.66	33.03	4	B
22	25	3924.5	7350.5	17	5	2021	9:26	30	13.99	32.38	9.67	33.07	5	B
23	26	3929.5	7413.9	17	5	2021	11:54	15	14.85	31.52	10.93	32.13	2	B
24	27	3939.9	7405.2	17	5	2021	13:32	19	14.09	31.34	9.74	32.41	4	B

**GU2102 ECOMON Survey**  
**May 14 - 26, 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
<b>5</b>	<b>28</b>	<b>3941.6</b>	<b>7400.1</b>	<b>17</b>	<b>5</b>	<b>2021</b>	<b>14:24</b>	<b>22</b>	<b>13.92</b>	<b>31.28</b>	<b>9.62</b>	<b>32.53</b>	<b>3</b>	<b>W</b>
25	29	3944.8	7325.8	17	5	2021	17:37	35	13.86	32.30	8.99	32.81	4	B
26	30	4009.9	7340.1	17	5	2021	20:50	54	14.55	30.09	7.67	33.23	3	B
27	31	4019.8	7330.3	17	5	2021	22:35	28	15.26	29.25	7.47	32.58	3	B
28	32	4034.8	7324.2	18	5	2021	0:31	15	13.26	31.81	10.10	32.10	4	B
29	33	4024.9	7225.2	18	5	2021	6:00	52	13.43	32.07	7.17	33.19	3	B
30	34	4040.0	7200.8	18	5	2021	8:48	51	12.80	31.38	7.15	33.13	3	B
31	35	4039.9	7209.4	18	5	2021	9:44	49	13.16	31.51	6.87	33.04	3	B
32	36	4049.2	7219.4	18	5	2021	11:18	30	11.91	31.48	7.71	32.57	3	B
33	37	4054.4	7110.7	18	5	2021	17:35	54	12.73	32.14	6.56	32.76	3	B
34	38	4040.0	7037.2	18	5	2021	21:04	62	12.87	32.35	7.14	32.82	3	B
<b>6</b>	<b>38</b>	<b>4040.2</b>	<b>7037.4</b>	<b>18</b>	<b>5</b>	<b>2021</b>	<b>21:22</b>	<b>62</b>	<b>13.04</b>	<b>32.33</b>	<b>7.18</b>	<b>32.82</b>	<b>2</b>	<b>W</b>
35	39	4019.4	7039.7	19	5	2021	0:02	103	12.68	32.71	11.09	34.70	4	B
36	40	4001.8	7035.9	19	5	2021	2:18	187	10.89	32.59	12.27	35.58	3	B
<b>7</b>	<b>40</b>	<b>4001.9</b>	<b>7035.9</b>	<b>19</b>	<b>5</b>	<b>2021</b>	<b>3:00</b>	<b>180</b>	<b>10.87</b>	<b>32.60</b>	<b>12.44</b>	<b>35.60</b>	<b>1</b>	<b>W</b>
37	41	3949.9	7036.2	19	5	2021	4:42	917	16.05	34.85	11.44	35.45	714	B
<b>8</b>	<b>41</b>	<b>3950.0</b>	<b>7037.0</b>	<b>19</b>	<b>5</b>	<b>2021</b>	<b>5:25</b>	<b>883</b>	<b>16.02</b>	<b>34.84</b>	<b>6.38</b>	<b>35.08</b>	<b>378</b>	<b>W</b>
38	42	4004.9	7009.3	19	5	2021	9:01	170	11.05	32.52	12.58	35.62	3	B
39	43	4009.5	6955.1	19	5	2021	10:55	104	11.39	32.52	13.00	35.46	3	B
40	44	4005.1	6945.1	19	5	2021	12:20	110	10.79	32.65	13.52	35.67	2	B
41	45	4019.9	6954.9	19	5	2021	14:33	84	12.15	32.74	8.90	33.73	3	B
42	46	4024.5	6945.9	19	5	2021	15:51	76	11.99	32.82	7.75	32.94	5	B
43	47	4020.2	6935.9	19	5	2021	17:17	74	11.75	32.75	7.77	32.92	3	B
44	48	4044.6	6955.4	19	5	2021	20:34	35	10.96	32.60	8.34	32.72	4	B
45	49	4044.5	7000.1	19	5	2021	21:30	37	10.89	32.55	8.58	32.67	7	B
46	50	4054.9	7005.4	19	5	2021	23:05	25	11.37	32.42	11.07	32.42	4	B
<b>9</b>	<b>51</b>	<b>4054.0</b>	<b>6909.5</b>	<b>20</b>	<b>5</b>	<b>2021</b>	<b>4:37</b>	<b>69</b>	<b>9.41</b>	<b>32.90</b>	<b>8.03</b>	<b>32.92</b>	<b>4</b>	<b>W</b>
47	52	4059.6	6914.8	20	5	2021	5:39	63	8.58	32.84	8.50	32.85	5	B

**GU2102 ECOMON Survey**  
**May 14 - 26, 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
48	53	4104.6	6905.7	20	5	2021	6:53	88	11.28	32.93	7.16	33.02	4	B
49	54	4035.2	6850.1	20	5	2021	10:58	69	10.54	32.84	8.07	32.82	2	B
50	54	4035.0	6849.9	20	5	2021	11:45	67	10.46	32.84	8.05	32.82	4	B
51	55	4020.1	6816.0	20	5	2021	15:47	150	9.98	32.69	12.33	35.26	5	B
52	56	4014.9	6742.0	20	5	2021	20:55	968	14.53	34.39	11.74	35.50	766	B
<b>10</b>	<b>56</b>	<b>4014.9</b>	<b>6740.8</b>	<b>20</b>	<b>5</b>	<b>2021</b>	<b>21:34</b>	<b>1500</b>	<b>14.71</b>	<b>34.46</b>	<b>5.73</b>	<b>35.05</b>	<b>994</b>	<b>W</b>
53	57	4023.0	6742.1	20	5	2021	23:10	188	11.59	32.97	11.90	35.50	1	B
<b>11</b>	<b>57</b>	<b>4022.6</b>	<b>6741.1</b>	<b>20</b>	<b>5</b>	<b>2021</b>	<b>23:47</b>	<b>353</b>	<b>11.52</b>	<b>33.01</b>	<b>9.21</b>	<b>35.26</b>	<b>5</b>	<b>W</b>
<b>12</b>	<b>58</b>	<b>4055.4</b>	<b>6742.9</b>	<b>21</b>	<b>5</b>	<b>2021</b>	<b>4:38</b>	<b>67</b>	<b>9.47</b>	<b>32.77</b>	<b>8.71</b>	<b>32.79</b>	<b>3</b>	<b>W</b>
54	59	4059.8	6750.2	21	5	2021	5:47	51	9.32	32.86	9.33	32.87	4	B
55	60	4104.9	6759.8	21	5	2021	6:57	52	9.76	32.86	9.77	32.86	4	B
56	61	4128.5	6741.1	21	5	2021	10:11	39	9.67	32.90	9.65	32.90	4	B
<b>13</b>	<b>61</b>	<b>4128.4</b>	<b>6741.3</b>	<b>21</b>	<b>5</b>	<b>2021</b>	<b>10:44</b>	<b>45</b>	<b>9.66</b>	<b>32.89</b>	<b>9.66</b>	<b>32.90</b>	<b>5</b>	<b>W</b>
57	62	4154.9	6735.3	21	5	2021	14:36	36	9.36	32.97	9.36	32.97	3	B
58	63	4159.9	6741.2	21	5	2021	15:41	57	10.72	33.00	7.20	33.10	4	B
<b>14</b>	<b>63</b>	<b>4200.2</b>	<b>6741.5</b>	<b>21</b>	<b>5</b>	<b>2021</b>	<b>15:59</b>	<b>60</b>	<b>9.93</b>	<b>32.99</b>	<b>7.17</b>	<b>33.11</b>	<b>3</b>	<b>W</b>
59	64	4224.9	6720.3	21	5	2021	19:43	344	11.44	32.43	10.26	35.12	142	B
60	64	4225.3	6721.7	21	5	2021	20:15	340	11.30	32.41	8.65	35.18	5	W
62	65	4223.0	6702.9	21	5	2021	22:51	341	11.11	32.24	10.76	35.21	140	B
<b>15</b>	<b>65</b>	<b>4221.9</b>	<b>6702.9</b>	<b>21</b>	<b>5</b>	<b>2021</b>	<b>23:32</b>	<b>342</b>	<b>10.85</b>	<b>32.25</b>	<b>8.83</b>	<b>35.19</b>	<b>8</b>	<b>W</b>
63	66	4210.0	6640.5	22	5	2021	2:21	154	10.02	32.39	7.63	33.73	6	B
64	66	4209.2	6639.3	22	5	2021	3:03	111	9.93	32.41	7.37	33.61	7	B
65	67	4213.3	6545.3	22	5	2021	8:12	232	9.89	31.81	9.23	35.19	30	B
<b>16</b>	<b>67</b>	<b>4213.9</b>	<b>6546.4</b>	<b>22</b>	<b>5</b>	<b>2021</b>	<b>8:45</b>	<b>231</b>	<b>9.18</b>	<b>31.79</b>	<b>7.73</b>	<b>35.13</b>	<b>6</b>	<b>W</b>
66	68	4224.4	6540.4	22	5	2021	10:21	98	8.59	30.98	9.21	33.99	4	B
67	69	4229.4	6559.7	22	5	2021	12:21	182	8.24	31.00	11.17	35.19	3	B
68	70	4239.8	6625.1	22	5	2021	15:25	141	8.00	31.05	9.86	34.36	6	B
<b>17</b>	<b>71</b>	<b>4301.1</b>	<b>6620.3</b>	<b>22</b>	<b>5</b>	<b>2021</b>	<b>18:54</b>	<b>141</b>	<b>7.09</b>	<b>31.42</b>	<b>7.05</b>	<b>32.78</b>	<b>8</b>	<b>W</b>

**GU2102 ECOMON Survey**  
**May 14 - 26, 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
69	72	4259.9	6630.1	22	5	2021	20:08	118	7.64	31.63	7.49	33.05	6	B
70	73	4255.2	6649.6	22	5	2021	22:02	180	7.19	31.46	10.63	34.84	8	B
71	74	4310.0	6717.6	23	5	2021	1:40	199	10.54	32.23	8.71	34.23	9	B
72	75	4323.6	6740.7	23	5	2021	5:25	249	10.86	32.19	8.98	34.29	48	B
<b>18</b>	<b>75</b>	<b>4323.7</b>	<b>6742.0</b>	<b>23</b>	<b>5</b>	<b>2021</b>	<b>5:59</b>	<b>254</b>	<b>10.88</b>	<b>32.19</b>	<b>8.95</b>	<b>34.30</b>	<b>8</b>	<b>W</b>
73	76	4310.3	6804.5	23	5	2021	9:00	194	10.92	32.30	8.05	33.90	2	B
74	77	4309.9	6814.5	23	5	2021	10:15	186	11.07	32.38	8.16	33.94	4	B
75	78	4319.8	6825.2	23	5	2021	12:07	190	11.20	32.18	8.00	33.86	4	B
76	79	4349.4	6809.5	23	5	2021	16:22	192	10.39	32.25	7.89	33.68	7	B
77	80	4346.2	6840.6	23	5	2021	19:38	115	10.16	32.14	6.40	32.74	7	B
<b>19</b>	<b>80</b>	<b>4346.3</b>	<b>6840.0</b>	<b>23</b>	<b>5</b>	<b>2021</b>	<b>20:01</b>	<b>108</b>	<b>10.03</b>	<b>32.09</b>	<b>6.40</b>	<b>32.83</b>	<b>3</b>	<b>W</b>
78	81	4341.2	6857.0	23	5	2021	21:54	74	9.49	32.06	6.35	32.47	5	B
79	82	4335.6	6919.1	24	5	2021	0:03	134	11.58	32.11	6.04	32.93	6	B
80	83	4330.0	6940.0	24	5	2021	2:14	119	12.17	32.06	5.97	32.85	5	B
81	84	4329.8	7004.9	24	5	2021	4:27	49	11.54	31.29	6.46	32.12	9	B
82	85	4318.8	6948.5	24	5	2021	6:29	178	12.30	32.46	6.60	33.35	6	B
83	86	4310.0	6936.4	24	5	2021	8:21	95	12.13	32.21	6.10	32.93	4	B
84	87	4259.4	6919.6	24	5	2021	11:33	189	12.24	32.74	6.94	33.48	6	B
85	88	4255.2	6932.6	24	5	2021	13:18	170	12.59	32.45	7.01	33.51	5	B
86	89	4250.7	6944.7	24	5	2021	15:00	225	13.34	32.44	7.99	33.91	23	B
87	90	4245.1	6959.9	24	5	2021	17:02	183	9.33	32.31	7.10	33.58	5	B
88	91	4234.6	6956.3	24	5	2021	18:45	161	14.54	32.17	6.69	33.43	3	B
89	92	4230.1	6940.4	24	5	2021	20:49	264	12.57	32.43	8.09	33.95	63	B
<b>20</b>	<b>92</b>	<b>4229.6</b>	<b>6940.5</b>	<b>24</b>	<b>5</b>	<b>2021</b>	<b>21:40</b>	<b>265</b>	<b>12.60</b>	<b>32.43</b>	<b>8.53</b>	<b>34.18</b>	<b>10</b>	<b>W</b>
90	93	4225.1	6954.7	24	5	2021	23:22	192	12.93	31.85	6.85	33.46	5	B
91	94	4237.1	7004.9	25	5	2021	1:33	121	13.15	31.55	6.24	33.06	5	B
92	95	4248.7	7014.4	25	5	2021	3:38	65	13.65	31.40	6.04	32.66	3	B
93	96	4300.0	7024.6	25	5	2021	5:38	109	11.23	31.62	6.10	32.87	7	B



**GU2102 ECOMON Survey**  
**May 14 - 26, 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
<b>21</b>	<b>96</b>	<b>4300.1</b>	<b>7024.9</b>	<b>25</b>	<b>5</b>	<b>2021</b>	<b>5:59</b>	<b>107</b>	<b>11.28</b>	<b>31.61</b>	<b>5.93</b>	<b>32.84</b>	<b>5</b>	<b>W</b>
94	97	4252.9	7031.1	25	5	2021	7:30	96	11.02	31.71	6.00	32.66	8	B
95	98	4244.7	7037.4	25	5	2021	8:51	66	11.01	31.43	6.06	32.42	6	B
96	99	4240.0	7029.9	25	5	2021	9:56	87	9.92	31.57	5.97	32.54	6	B
<b>22</b>	<b>100</b>	<b>4225.1</b>	<b>7037.2</b>	<b>25</b>	<b>5</b>	<b>2021</b>	<b>12:13</b>	<b>86</b>	<b>11.61</b>	<b>31.69</b>	<b>6.18</b>	<b>32.67</b>	<b>3</b>	<b>W</b>
97	101	4221.8	7028.8	25	5	2021	13:36	84	12.47	31.62	6.19	32.64	12	B
<b>23</b>	<b>101</b>	<b>4221.9</b>	<b>7029.6</b>	<b>25</b>	<b>5</b>	<b>2021</b>	<b>13:55</b>	<b>93</b>	<b>12.46</b>	<b>31.62</b>	<b>6.19</b>	<b>32.66</b>	<b>5</b>	<b>W</b>
98	102	4219.1	7016.5	25	5	2021	15:32	37	12.10	31.72	7.07	32.34	4	B
<b>24</b>	<b>102</b>	<b>4219.1</b>	<b>7016.7</b>	<b>25</b>	<b>5</b>	<b>2021</b>	<b>15:44</b>	<b>37</b>	<b>12.14</b>	<b>31.71</b>	<b>7.11</b>	<b>32.33</b>	<b>2</b>	<b>W</b>
99	103	4219.8	6900.7	25	5	2021	22:28	221	11.24	32.62	7.26	33.62	20	B
<b>25</b>	<b>103</b>	<b>4220.2</b>	<b>6901.9</b>	<b>25</b>	<b>5</b>	<b>2021</b>	<b>22:58</b>	<b>222</b>	<b>11.26</b>	<b>32.62</b>	<b>7.37</b>	<b>33.66</b>	<b>6</b>	<b>W</b>
100	104	4219.9	6844.9	26	5	2021	0:52	177	10.28	32.64	7.25	33.64	4	B
101	105	4210.1	6835.1	26	5	2021	2:47	189	11.12	32.78	7.15	33.57	4	B
102	106	4129.7	6839.6	26	5	2021	7:51	121	11.84	32.96	6.72	33.14	6	B

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

**Records in bold are collected with an SBE911+ CTD**