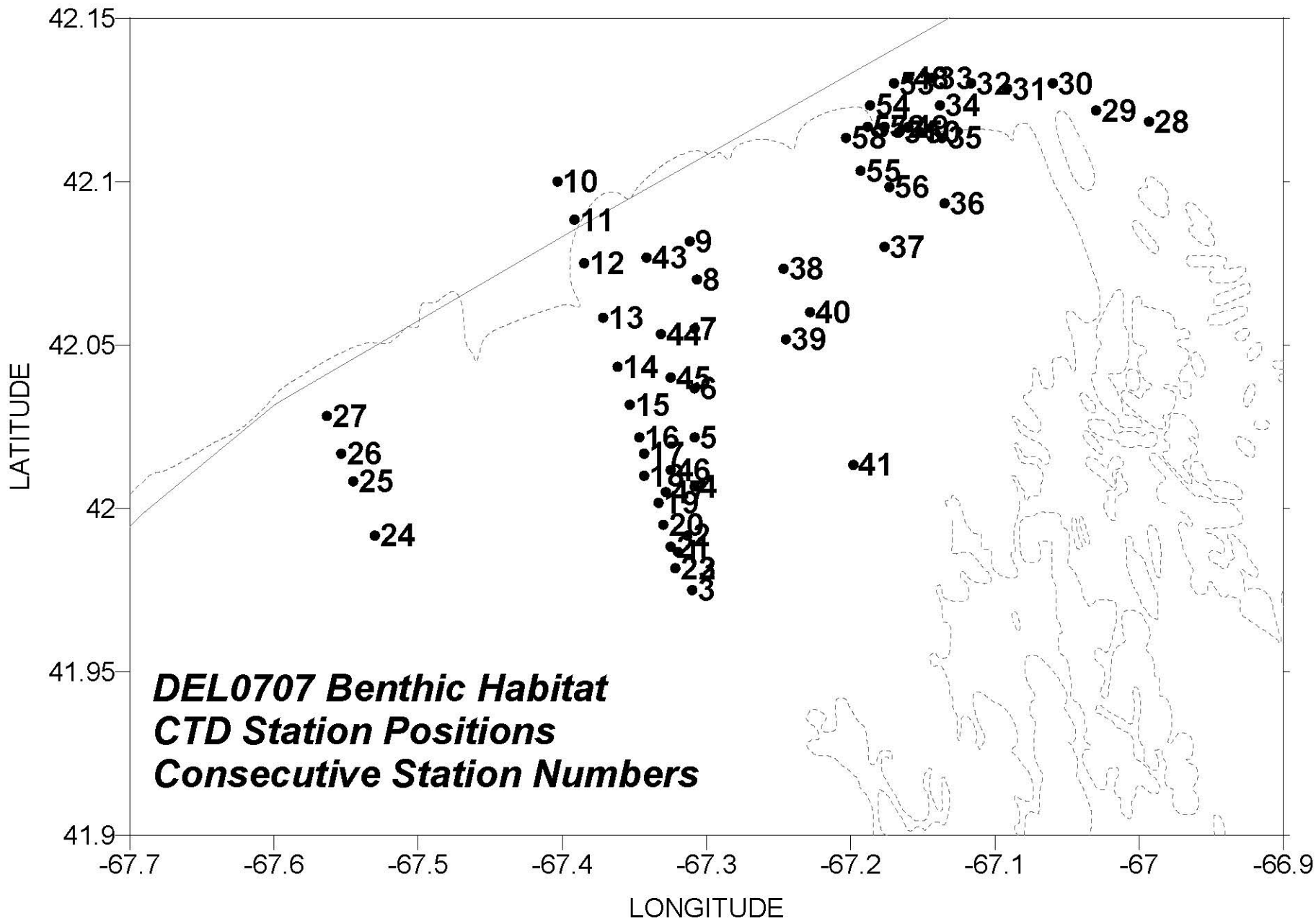


*Oceanography Branch CTD Data Report
DEL0707 Benthic Habitat*

**For further information, contact Tamara Holzwarth-Davis
National Marine Fisheries Service, Northeast Fisheries Science
Center, Woods Hole, Massachusetts 02543-1097.**

DATE: 8/24/ 2007



**DEL0707 Benthic Habitat
3 - 13 July 2007**

| Cast # | Sta # | Lat | Long | Day | Mo | Year | Time (GMT) | Btm Depth | Sfc Temp | Sfc T Anom | Sfc Salt | Sfc S Anom | Btm Temp | Btm T Anom | Btm Salt | Btm S Anom | Meters from Bottom |
|--------|-------|--------|--------|-----|----|------|------------|-----------|----------|------------|----------|------------|----------|------------|----------|------------|--------------------|
| 1 | 41 | 4159.2 | 6719.2 | 5 | 7 | 2007 | 17:25 | 50 | 11.47 | -0.08 | 32.61 | -0.04 | 11.41 | 0.37 | 32.61 | -0.12 | 5 |
| 2 | 46 | 4159.5 | 6718.8 | 8 | 7 | 2007 | 16:37 | 50 | 12.94 | 1.14 | 32.45 | -0.19 | 12.26 | 1.02 | 32.50 | -0.21 | 2 |
| 3 | 47 | 4158.5 | 6718.6 | 8 | 7 | 2007 | 16:58 | 49 | 12.92 | 0.28 | 32.45 | -0.16 | 12.25 | -0.09 | 32.51 | -0.11 | 2 |
| 4 | 49 | 4200.4 | 6718.5 | 8 | 7 | 2007 | 18:01 | 52 | 12.51 | 1.64 | 32.50 | -0.17 | 12.25 | 2.20 | 32.50 | -0.31 | 2 |
| 5 | 50 | 4201.3 | 6718.5 | 8 | 7 | 2007 | 18:25 | 45 | 12.36 | 0.57 | 32.49 | -0.23 | 12.30 | 0.61 | 32.49 | -0.22 | 2 |
| 6 | 51 | 4202.2 | 6718.5 | 8 | 7 | 2007 | 18:46 | 49 | 12.62 | -0.02 | 32.48 | -0.13 | 11.74 | -0.60 | 32.48 | -0.13 | 2 |
| 7 | 52 | 4203.3 | 6718.5 | 8 | 7 | 2007 | 19:10 | 52 | 13.41 | 2.54 | 32.41 | -0.25 | 11.44 | 1.39 | 32.49 | -0.32 | 2 |
| 8 | 53 | 4204.2 | 6718.4 | 8 | 7 | 2007 | 19:36 | 52 | 13.56 | 2.69 | 32.40 | -0.26 | 11.19 | 1.14 | 32.50 | -0.31 | 2 |
| 9 | 54 | 4204.9 | 6718.7 | 8 | 7 | 2007 | 20:02 | 51 | 13.25 | 2.38 | 32.43 | -0.23 | 11.12 | 1.07 | 32.50 | -0.31 | 2 |
| 10 | 55 | 4206.0 | 6724.2 | 8 | 7 | 2007 | 20:52 | 74 | 14.96 | 4.09 | 32.34 | -0.32 | 8.81 | -1.24 | 32.55 | -0.25 | 2 |
| 11 | 56 | 4205.3 | 6723.5 | 8 | 7 | 2007 | 21:16 | 61 | 14.84 | 3.97 | 32.32 | -0.34 | 8.61 | -1.44 | 32.56 | -0.25 | 2 |
| 12 | 57 | 4204.5 | 6723.1 | 8 | 7 | 2007 | 22:04 | 53 | 13.41 | 1.53 | 32.39 | -0.24 | 10.50 | -0.85 | 32.50 | -0.19 | 2 |
| 13 | 58 | 4203.5 | 6722.3 | 8 | 7 | 2007 | 22:28 | 52 | 12.71 | 0.84 | 32.47 | -0.16 | 10.25 | -1.09 | 32.51 | -0.19 | 2 |
| 14 | 59 | 4202.6 | 6721.7 | 8 | 7 | 2007 | 22:49 | 52 | 12.59 | 0.72 | 32.48 | -0.15 | 12.11 | 0.78 | 32.49 | -0.21 | 2 |
| 15 | 60 | 4201.9 | 6721.2 | 8 | 7 | 2007 | 23:08 | 51 | 12.66 | 0.80 | 32.48 | -0.15 | 12.14 | 0.81 | 32.49 | -0.21 | 2 |
| 16 | 61 | 4201.3 | 6720.8 | 8 | 7 | 2007 | 23:23 | 51 | 12.66 | 0.80 | 32.47 | -0.16 | 12.16 | 0.84 | 32.49 | -0.21 | 2 |
| 17 | 62 | 4201.0 | 6720.6 | 8 | 7 | 2007 | 23:38 | 52 | 12.71 | 0.86 | 32.49 | -0.14 | 12.19 | 0.87 | 32.49 | -0.21 | 2 |
| 18 | 63 | 4200.6 | 6720.6 | 8 | 7 | 2007 | 23:55 | 52 | 12.75 | 0.88 | 32.49 | -0.14 | 12.22 | 0.89 | 32.49 | -0.21 | 2 |
| 19 | 64 | 4200.1 | 6720.0 | 9 | 7 | 2007 | 0:09 | 51 | 12.68 | 0.74 | 32.48 | -0.14 | 12.26 | 0.87 | 32.48 | -0.21 | 2 |
| 20 | 65 | 4159.7 | 6719.8 | 9 | 7 | 2007 | 0:28 | 51 | 12.61 | 0.67 | 32.48 | -0.14 | 12.26 | 0.87 | 32.49 | -0.21 | 2 |
| 21 | 66 | 4159.3 | 6719.5 | 9 | 7 | 2007 | 0:38 | 50 | 12.63 | 0.69 | 32.49 | -0.13 | 12.28 | 0.89 | 32.49 | -0.21 | 2 |
| 22 | 67 | 4158.9 | 6719.3 | 9 | 7 | 2007 | 0:55 | 52 | 12.55 | 0.61 | 32.48 | -0.14 | 12.26 | 0.87 | 32.49 | -0.21 | 2 |
| 23 | 68 | 4158.9 | 6719.3 | 9 | 7 | 2007 | 1:19 | 53 | 12.52 | 0.58 | 32.50 | -0.13 | 12.27 | 0.88 | 32.49 | -0.21 | 2 |
| 24 | 69 | 4159.5 | 6731.8 | 9 | 7 | 2007 | 2:55 | 43 | 14.64 | 2.63 | 32.34 | -0.36 | 7.62 | -4.26 | 32.57 | -0.12 | 2 |
| 25 | 70 | 4200.5 | 6732.7 | 9 | 7 | 2007 | 3:22 | 45 | 14.81 | 2.93 | 32.35 | -0.37 | 6.47 | -5.31 | 32.64 | -0.06 | 2 |
| 26 | 71 | 4201.0 | 6733.2 | 9 | 7 | 2007 | 3:42 | 47 | 14.73 | 2.85 | 32.33 | -0.39 | 6.11 | -5.67 | 32.66 | -0.04 | 2 |
| 27 | 72 | 4201.7 | 6733.8 | 9 | 7 | 2007 | 4:01 | 51 | 14.60 | 2.17 | 32.32 | -0.29 | 5.79 | -6.24 | 32.73 | 0.09 | 2 |
| 28 | 97 | 4207.1 | 6659.6 | 10 | 7 | 2007 | 17:49 | 63 | 14.50 | 3.44 | 32.27 | -0.37 | 6.13 | -4.04 | 32.84 | 0.04 | 2 |
| 29 | 98 | 4207.3 | 6701.8 | 10 | 7 | 2007 | 18:27 | 64 | 14.30 | 3.24 | 32.21 | -0.44 | 6.26 | -3.91 | 32.83 | 0.03 | 2 |
| 30 | 99 | 4207.8 | 6703.6 | 10 | 7 | 2007 | 19:00 | 66 | 13.95 | 2.89 | 32.31 | -0.34 | 6.33 | -3.84 | 32.82 | 0.02 | 2 |
| 31 | 100 | 4207.7 | 6705.5 | 10 | 7 | 2007 | 19:38 | 64 | 14.35 | 3.29 | 32.37 | -0.28 | 6.83 | -3.34 | 32.72 | -0.08 | 2 |
| 32 | 101 | 4207.8 | 6707.0 | 10 | 7 | 2007 | 20:16 | 66 | 13.99 | 2.93 | 32.35 | -0.30 | 7.25 | -2.92 | 32.67 | -0.13 | 2 |
| 33 | 102 | 4207.9 | 6708.6 | 10 | 7 | 2007 | 20:58 | 66 | 14.77 | 3.71 | 32.36 | -0.29 | 7.70 | -2.47 | 32.61 | -0.19 | 2 |
| 34 | 103 | 4207.4 | 6708.3 | 10 | 7 | 2007 | 22:22 | 63 | 13.74 | 2.68 | 32.40 | -0.25 | 8.75 | -1.42 | 32.56 | -0.24 | 2 |
| 35 | 104 | 4206.8 | 6708.2 | 10 | 7 | 2007 | 23:19 | 61 | 12.62 | 1.56 | 32.43 | -0.22 | 9.46 | -0.71 | 32.54 | -0.26 | 2 |

**DEL0707 Benthic Habitat
3 - 13 July 2007**

| Cast # | Sta # | Lat | Long | Day | Mo | Year | Time (GMT) | Btm Depth | Sfc Temp | Sfc T Anom | Sfc Salt | Sfc S Anom | Btm Temp | Btm T Anom | Btm Salt | Btm S Anom | Meters from Bottom |
|--------|-------|--------|--------|-----|----|------|------------|-----------|----------|------------|----------|------------|----------|------------|----------|------------|--------------------|
| 36 | 105 | 4205.6 | 6708.1 | 10 | 7 | 2007 | 23:58 | 53 | 11.94 | 0.88 | 32.49 | -0.16 | 10.43 | 0.26 | 32.51 | -0.29 | 2 |
| 37 | 106 | 4204.8 | 6710.6 | 11 | 7 | 2007 | 0:43 | 51 | 12.13 | 0.98 | 32.46 | -0.18 | 10.23 | -0.01 | 32.51 | -0.28 | 2 |
| 38 | 107 | 4204.4 | 6714.8 | 11 | 7 | 2007 | 1:42 | 49 | 12.55 | -0.38 | 32.45 | -0.15 | 10.13 | -2.50 | 32.50 | -0.10 | 2 |
| 39 | 108 | 4203.1 | 6714.7 | 11 | 7 | 2007 | 2:15 | 47 | 12.50 | 0.42 | 32.48 | -0.23 | 10.69 | -1.28 | 32.48 | -0.21 | 2 |
| 40 | 109 | 4203.6 | 6713.7 | 11 | 7 | 2007 | 2:43 | 51 | 12.48 | 1.33 | 32.48 | -0.16 | 11.72 | 1.48 | 32.47 | -0.33 | 2 |
| 41 | 110 | 4200.8 | 6711.9 | 11 | 7 | 2007 | 3:13 | 54 | 12.46 | 1.31 | 32.47 | -0.17 | 11.20 | 0.96 | 32.49 | -0.30 | 2 |
| 43 | 117 | 4204.6 | 6720.5 | 11 | 7 | 2007 | 16:10 | 51 | 15.24 | 3.21 | 32.11 | -0.51 | 6.79 | -4.64 | 32.70 | 0.00 | 2 |
| 44 | 118 | 4203.2 | 6719.9 | 11 | 7 | 2007 | 17:25 | 52 | 14.81 | 2.77 | 32.13 | -0.49 | 7.23 | -4.20 | 32.64 | -0.06 | 2 |
| 45 | 119 | 4202.4 | 6719.5 | 11 | 7 | 2007 | 17:53 | 52 | 12.84 | 1.69 | 32.29 | -0.36 | 8.24 | -2.00 | 32.56 | -0.23 | 2 |
| 46 | 120 | 4200.7 | 6719.5 | 11 | 7 | 2007 | 18:34 | 47 | 14.41 | 2.33 | 32.20 | -0.51 | 9.90 | -2.07 | 32.48 | -0.22 | 2 |
| 47 | 121 | 4200.3 | 6719.7 | 11 | 7 | 2007 | 18:57 | 50 | 14.58 | 3.43 | 32.19 | -0.45 | 10.26 | 0.02 | 32.47 | -0.33 | 2 |
| 48 | 123 | 4207.9 | 6709.6 | 11 | 7 | 2007 | 21:13 | 73 | 13.79 | 2.64 | 32.33 | -0.31 | 6.05 | -4.19 | 32.80 | 0.01 | 2 |
| 49 | 124 | 4207.0 | 6709.6 | 11 | 7 | 2007 | 22:13 | 59 | 13.02 | 1.87 | 32.36 | -0.29 | 7.35 | -2.89 | 32.66 | -0.14 | 2 |
| 50 | 125 | 4206.9 | 6709.1 | 11 | 7 | 2007 | 22:55 | 59 | 12.94 | 1.79 | 32.41 | -0.24 | 7.84 | -2.40 | 32.62 | -0.18 | 2 |
| 51 | 126 | 4206.9 | 6710.0 | 11 | 7 | 2007 | 23:38 | 61 | 12.86 | 1.71 | 32.42 | -0.23 | 8.21 | -2.03 | 32.60 | -0.20 | 2 |
| 52 | 127 | 4207.0 | 6710.6 | 12 | 7 | 2007 | 0:16 | 61 | 11.82 | 0.58 | 32.46 | -0.18 | 7.70 | -2.60 | 32.63 | -0.16 | 2 |
| 53 | 128 | 4207.8 | 6710.2 | 12 | 7 | 2007 | 0:43 | 73 | 11.91 | 0.67 | 32.47 | -0.17 | 6.91 | -3.39 | 32.70 | -0.09 | 2 |
| 54 | 129 | 4207.4 | 6711.2 | 12 | 7 | 2007 | 1:28 | 67 | 12.97 | 1.73 | no value | no value | 7.49 | -2.81 | 32.60 | -0.19 | 2 |
| 55 | 130 | 4206.2 | 6711.6 | 12 | 7 | 2007 | 2:09 | 57 | 13.87 | 2.63 | 32.28 | -0.36 | 7.63 | -2.67 | 32.64 | -0.15 | 2 |
| 56 | 131 | 4205.9 | 6710.4 | 12 | 7 | 2007 | 2:40 | 54 | 13.63 | 2.39 | 32.27 | -0.37 | 8.83 | -1.47 | 32.57 | -0.23 | 2 |
| 57 | 132 | 4207.0 | 6711.3 | 12 | 7 | 2007 | 3:17 | 60 | 14.13 | 2.89 | 32.20 | -0.44 | 7.37 | -2.93 | 32.65 | -0.14 | 2 |
| 58 | 133 | 4206.8 | 6712.2 | 12 | 7 | 2007 | 3:46 | 59 | 14.74 | 3.50 | 32.16 | -0.48 | 6.76 | -3.54 | 32.70 | -0.10 | 2 |