|  | **Latitude (°N)** | | | **Longitude (°W)** | | | **Depth (m)** | | | **Surface Temperature (°C)** | | | **Bottom Temperature (°C)** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | *1970-2009* | *2010-2019* | *p* | *1970-2009* | *2010-2019* | *p* | *1970-2009* | *2010-2019* | *p* | *1970-2009* | *2010-2019* | *p* | *1970-2009* | *2010-2019* | *p* |
| Acadian redfish |  |  |  |  |  |  |  |  |  | 8.40 | 9.88 | 0.00 | 7.03 | 7.83 | 0.00 |
| Alewife | 41.90 | 42.64 | 0.00 | -69.83 | -69.26 | 0.00 | 105.16 | 134.15 | 0.00 | 8.38 | 9.63 | 0.01 |  |  |  |
| American lobster | 41.46 | 42.71 | 0.00 | -69.30 | -68.09 | 0.00 |  |  |  |  |  |  | 9.28 | 8.82 | 0.04 |
| American plaice | 42.67 | 42.82 | 0.01 | -69.17 | -69.36 | 0.01 | 142.26 | 150.76 | 0.00 | 8.57 | 10.17 | 0.00 | 6.30 | 7.07 | 0.00 |
| American shad |  |  |  |  |  |  |  |  |  | 9.46 | 11.07 | 0.03 | 8.57 | 9.25 | 0.01 |
| Atlantic cod | 42.14 | 42.28 | 0.00 |  |  |  |  |  |  | 8.66 | 10.25 | 0.00 | 7.01 | 8.17 | 0.00 |
| Atlantic hagfish |  |  |  | -69.79 | -69.22 | 0.04 |  |  |  | 9.95 | 11.16 | 0.01 | 6.99 | 7.99 | 0.00 |
| Atlantic herring |  |  |  | -70.06 | -69.56 | 0.01 |  |  |  | 8.86 | 9.97 | 0.03 | 6.58 | 7.49 | 0.03 |
| Atlantic mackerel | 40.61 | 41.52 | 0.00 | -70.50 | -69.52 | 0.02 |  |  |  |  |  |  |  |  |  |
| Atlantic rock crab |  |  |  |  |  |  |  |  |  | 12.69 | 14.23 | 0.00 |  |  |  |
| Black sea bass | 37.79 | 39.54 | 0.00 | -74.25 | -72.71 | 0.00 |  |  |  |  |  |  |  |  |  |
| Blackbelly rosefish | 40.22 | 41.43 | 0.00 | -69.87 | -67.92 | 0.00 | 274.20 | 254.58 | 0.00 | 12.55 | 11.30 | 0.01 | 8.98 | 9.50 | 0.04 |
| Butterfish |  |  |  |  |  |  |  |  |  | 13.46 | 14.90 | 0.01 | 11.59 | 12.36 | 0.03 |
| Chain dogfish | 38.13 | 38.68 | 0.00 | -73.43 | -72.74 | 0.00 | 163.27 | 179.48 | 0.01 | 14.95 | 16.35 | 0.05 | 11.54 | 12.22 | 0.00 |
| Cusk | 42.65 | 42.46 | 0.03 | -68.00 | -67.52 | 0.01 |  |  |  | 8.37 | 9.97 | 0.00 | 7.27 | 8.64 | 0.00 |
| Fawn cusk-eel |  |  |  |  |  |  | 123.05 | 152.72 | 0.00 | 13.32 | 14.95 | 0.00 | 11.31 | 12.34 | 0.00 |
| Fourbeard rockling | 42.54 | 42.79 | 0.01 | -69.52 | -69.06 | 0.00 | 128.36 | 153.64 | 0.00 | 8.92 | 10.43 | 0.00 | 6.40 | 7.32 | 0.00 |
| Fourspot flounder |  |  |  | -70.69 | -70.31 | 0.03 | 99.19 | 127.18 | 0.00 | 12.02 | 13.58 | 0.00 | 10.39 | 11.13 | 0.00 |
| Goosefish |  |  |  |  |  |  | 163.04 | 176.67 | 0.00 | 10.40 | 11.73 | 0.00 | 8.52 | 9.50 | 0.00 |
| Gulf stream flounder |  |  |  | -70.80 | -71.21 | 0.00 | 90.73 | 109.01 | 0.00 | 12.03 | 13.80 | 0.00 | 9.62 | 10.36 | 0.04 |
| Haddock |  |  |  | -67.36 | -67.71 | 0.03 |  |  |  | 8.91 | 10.57 | 0.00 | 6.86 | 8.45 | 0.00 |
| Jonah crab | 41.11 | 41.79 | 0.01 |  |  |  |  |  |  |  |  |  |  |  |  |
| Little skate | 40.87 | 40.65 | 0.00 | -69.77 | -70.37 | 0.00 |  |  |  | 10.34 | 12.09 | 0.00 | 8.95 | 10.01 | 0.00 |
| Longfin squid |  |  |  |  |  |  | 102.42 | 114.56 | 0.00 | 13.72 | 15.22 | 0.02 | 11.93 | 12.57 | 0.00 |
| Longhorn sculpin | 41.60 | 42.02 | 0.00 |  |  |  |  |  |  | 9.20 | 10.53 | 0.00 | 7.42 | 8.36 | 0.00 |
| Northern sand lance |  |  |  |  |  |  |  |  |  | 10.26 | 12.69 | 0.01 |  |  |  |
| Northern searobin | 38.50 | 39.20 | 0.00 | -73.50 | -72.96 | 0.02 |  |  |  |  |  |  |  |  |  |
| Northern shortfin squid | 39.32 | 38.86 | 0.04 |  |  |  | 160.62 | 180.79 | 0.01 | 13.43 | 15.82 | 0.00 | 10.72 | 11.70 | 0.00 |
| Ocean pout |  |  |  |  |  |  | 75.55 | 101.50 | 0.01 | 9.29 | 11.06 | 0.00 | 6.97 | 7.98 | 0.00 |
| Offshore hake | 39.21 | 38.42 | 0.00 | -71.55 | -72.69 | 0.00 |  |  |  | 14.33 | 16.69 | 0.01 | 9.63 | 11.09 | 0.00 |
| Pollock | 42.50 | 42.69 | 0.00 |  |  |  |  |  |  | 8.38 | 9.85 | 0.00 | 7.36 | 8.26 | 0.00 |
| Red hake |  |  |  | -69.43 | -68.66 | 0.00 | 134.41 | 164.21 | 0.00 | 9.90 | 11.07 | 0.01 | 8.14 | 8.97 | 0.00 |
| Rosette skate | 37.65 | 37.99 | 0.03 | -73.95 | -73.45 | 0.00 | 131.83 | 151.54 | 0.02 |  |  |  |  |  |  |
| Scup | 38.76 | 39.66 | 0.00 | -73.23 | -72.26 | 0.00 |  |  |  |  |  |  |  |  |  |
| Sea raven | 41.89 | 42.14 | 0.01 | -68.34 | -67.87 | 0.00 | 79.12 | 88.89 | 0.00 | 8.94 | 10.19 | 0.01 | 7.44 | 8.44 | 0.00 |
| Sea scallop | 39.85 | 40.20 | 0.04 | -71.50 | -70.58 | 0.02 |  |  |  |  |  |  |  |  |  |
| Silver hake | 41.60 | 42.31 | 0.00 | -69.28 | -68.66 | 0.00 | 158.99 | 169.91 | 0.03 | 9.65 | 10.33 | 0.03 |  |  |  |
| Smooth dogfish | 38.03 | 38.61 | 0.00 | -73.84 | -72.83 | 0.00 | 79.64 | 99.79 | 0.04 |  |  |  |  |  |  |
| Smooth skate |  |  |  |  |  |  | 189.12 | 210.03 | 0.01 | 8.68 | 9.94 | 0.01 | 6.95 | 8.04 | 0.00 |
| Spiny dogfish |  |  |  |  |  |  | 92.90 | 104.02 | 0.04 | 10.14 | 11.50 | 0.00 | 9.85 | 10.50 | 0.00 |
| Spotted hake |  |  |  | -73.72 | -73.27 | 0.00 | 113.35 | 140.76 | 0.00 |  |  |  | 11.19 | 11.62 | 0.05 |
| Summer flounder | 39.49 | 40.01 | 0.00 | -72.09 | -71.53 | 0.00 | 65.10 | 76.03 | 0.00 | 12.48 | 13.23 | 0.02 | 12.39 | 12.87 | 0.01 |
| Thorny skate | 42.63 | 42.51 | 0.04 |  |  |  |  |  |  | 8.52 | 10.28 | 0.00 | 6.69 | 7.53 | 0.00 |
| White hake | 42.67 | 42.85 | 0.01 | -68.30 | -68.08 | 0.02 |  |  |  | 8.50 | 9.62 | 0.01 | 7.65 | 8.58 | 0.00 |
| Windowpane | 40.95 | 40.73 | 0.00 | -69.03 | -69.88 | 0.00 | 56.09 | 52.39 | 0.03 | 10.08 | 11.95 | 0.00 | 9.77 | 10.78 | 0.00 |
| Winter flounder | 41.70 | 41.98 | 0.01 |  |  |  | 61.12 | 68.14 | 0.00 | 9.51 | 10.64 | 0.02 | 8.36 | 9.21 | 0.00 |
| Winter skate | 41.41 | 41.21 | 0.00 |  |  |  | 61.96 | 72.85 | 0.03 | 9.46 | 10.81 | 0.00 | 8.94 | 9.94 | 0.00 |
| Witch flounder | 42.73 | 42.44 | 0.03 |  |  |  | 162.83 | 179.62 | 0.00 | 8.55 | 10.25 | 0.00 | 7.02 | 8.28 | 0.00 |
| Yellowtail flounder | 41.21 | 41.76 | 0.00 |  |  |  |  |  |  | 9.85 | 11.04 | 0.01 | 7.96 | 8.52 | 0.03 |
| \*2017 excluded from 2010-2019 means\* | | | | | | | | | | | | | | | |