|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station | Latitude N | Longitude E | Temperature (oC) | Salinity  (psu) | UPM (m) | NO3+NO2 (µM) | PO4  (µM) | Si(OH)4  (µM) | BN Photic (range, m) | BN Aphotic (range, m) | Photic diatoms (cells dm-2) | Aphotic diatoms (cells d m-2) | Photic living diatoms (%) | Aphotic living diatoms (%) |
| # 3, Bellsund Hula | 77 28.09 | 13 27.483 | 0.81 ± 0.33 | 34.48 ± 0.083 | 14.5 | 1.79 ± 1.52 | 0.27 ± 0.11 | 0.75 ± 0.45 | 45-0 | 197-55 | 3.160E+07 | 6.843E+06 | 63.54 | 21.70 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 4, Bredjupet | 77 03.356 | 13 23.369 | 4.64 ± 0.025 | 35.0 ± 0.001 | 65.5 | 9.44 ± 0.097 | 0.63 ± 0.019 | 4.16 ± 0.046 | 60-0 | 415-100 | 3.04E+05 | 1.63E+05 | 20.93 | 9.47 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 5, Inngang Hornsund | 76 58.73 | 15 44.113 | -0.54 ± 0.035 | 34.27 ± 0.037 | 24.2 | 5.66 ± 0.019 | 0.34 ± 0.078 | 2.45 ± 0.40 | 50-0 | 220-80 | 3.20E+07 | 3.00E+05 | 72.03 | 0.50 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 6, Hornsund Dypet | 76 51.244 | 15 13.143 | -0.034 ± 0.1 | 28.98 ± 4.5 | 9.8 | 0.49 ± 0.37 | 0.17 ± 0.03 | 0.36 ± 0.118 | 50-0 | 220-60 | 2.01E+09 | 4.69E+08 | 70.03 | 8.31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 7, Erik Eriksen Strait | 79 09.986 | 26 02.20 | -1.44 ± 0.093 | 34.29 ± 0.04 | 35.9 | 0.03 ± 0.026 | 0.16 ± 0.01 | 0.07 ± 0.012 | 50-0 | 260-70 | 1.25E+07 | 1.13E+06 | 61.12 | 26.99 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 8, Erik Eriksen Strait | 79 10.479 | 26 27.518 | -1.31 ± 0.088 | 34.22 ± 0.4 | 3.0 | 2.23 ± 1.64 | 0.15 ± 0.077 | 0.57 ± 0.40 | 50-0 | 245-70 | 2.47E+10 | 5.56E+06 | 69.79 | 31.27 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 9, Polar Front | 77 15.308 | 29 29.243 | 2.04 ± 0.099 | 34.7 ± 0.027 | 34.0 | 0.14 ± 0.034 | 0.204 ± 0.022 | 1.29 ± 0.17 | 50-0 | 180-60 | 2.76E+07 | 2.27E+06 | 45.97 | 50.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # 10, Barents Sea | 76 13.513 | 29 43.710 | 4.06 ± 0.044 | 34.9 ± 0.001 | 75.0 | 3.21 ± 0.20 | 0.345 ± 0.03 | 1.48 ± 0.156 | 50-0 | 180-60 | 1.45E+08 | 2.35E+07 | 71.77 | 13.14 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |