|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Offshore** | **Winter** | | **Spring** | | **Summer** | |
|  | **Mean** | **s.d.** | **Mean** | **s.d.** | **Mean** | **s.d.** |
| ***NO3*** | 1.1522 | 0.1801 | 0.4425 | 0.3201 | 1.6075 | 2.3888 |
| ***NO2*** | 0.1769 | 0.0397 | 0.0650 | 0.0456 | 0.0650 | 0.0740 |
| ***NH4*** | 0.0783 | 0.0276 | 0.0875 | 0.0661 | 0.1275 | 0.1316 |
| ***TIN*** | 1.4073 | 0.2290 | 0.5950 | 0.3318 | 1.8000 | 2.5892 |
| ***PO4*** | 0.1399 | 0.0174 | 0.0825 | 0.0228 | 0.1575 | 0.1928 |
| ***SiO2*** | 2.6363 | 0.3963 | 2.3875 | 0.2411 | 2.5500 | 0.7709 |
| ***Chlorophyll a*** | 1.7462 | 0.5440 | 1.4950 | 0.2159 | 1.7003 | 0.6722 |
| ***Bacterial biomass*** | 2.2719 | 0.6322 | 8.4188 | 1.5034 | 103.0000 | 44.3678 |
| ***N:P ratio*** | 10.0100 | 0.5302 | 6.7262 | 2.0027 | 8.0755 | 2.7728 |
| ***Temperature*** | 14.0435 | 0.0917 | 13.6947 | 0.1947 | 15.3571 | 0.8513 |
| ***Salinity*** | 34.0030 | 2.2468 | 35.5835 | 0.0962 | 35.5998 | 0.0209 |
| ***Fluorescence*** | 1.5675 | 0.4682 | 1.3494 | 0.5356 | 0.9570 | 0.4186 |
| ***Turbidity*** | 0.3061 | 0.0152 | 0.5786 | 0.1456 | 0.5789 | 0.0562 |
| ***PAR*** | 68.4230 | 36.8660 | 536.4600 | 234.6164 | 450.7500 | 184.7107 |
|  |  |  |  |  |  |  |
| **Coast** | **Winter** | | **Spring** | | **Summer** | |
|  | **Mean** | **s.d.** | **Mean** | **s.d.** | **Mean** | **s.d.** |
| ***NO3*** | 4.7795 | 1.1521 | 5.5225 | 2.0253 | 1.1500 | 1.6104 |
| ***NO2*** | 0.2103 | 0.1323 | 0.2500 | 0.1025 | 0.0800 | 0.0579 |
| ***NH4*** | 0.1952 | 0.0884 | 0.6675 | 0.1099 | 0.1150 | 0.0357 |
| ***TIN*** | 5.1850 | 1.0120 | 6.4375 | 2.1185 | 1.3450 | 1.6616 |
| ***PO4*** | 0.2410 | 0.0383 | 0.2775 | 0.0740 | 0.1625 | 0.1030 |
| ***SiO2*** | 8.7428 | 2.8875 | 9.2550 | 1.9943 | 2.0475 | 1.0482 |
| ***Chlorophyll a*** | 2.7643 | 1.5325 | 2.0450 | 0.2287 | 6.2631 | 2.7349 |
| ***Bacterial biomass*** | 1.9147 | 0.4734 | 6.2535 | 2.1518 | 94.2500 | 33.0028 |
| ***N:P ratio*** | 21.9677 | 4.8202 | 23.5091 | 5.2125 | 6.1522 | 3.9252 |
| ***Temperature*** | 13.2886 | 0.2054 | 13.7979 | 0.5314 | 14.0969 | 0.6890 |
| ***Salinity*** | 33.7413 | 0.9137 | 32.1714 | 1.5619 | 35.4965 | 0.1964 |
| ***Fluorescence*** | 3.1643 | 1.4813 | 2.5894 | 0.5924 | 6.5101 | 2.7849 |
| ***Turbidity*** | 1.8151 | 0.6742 | 1.4306 | 0.2618 | 0.8613 | 0.1535 |
| ***PAR*** | 1.0709 | 0.6448 | 3.3103 | 1.3157 | 44.5647 | 48.4745 |