|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 6.23-6.24 | 6.27-6.28 | 7.1-7.2 | 7.6-7.7 | 7.14-7.15 | 7.20-7.21 | 7.29-7.30 | 8.5-8.6 | 8.12-8.13 | 8.20-8.21 | 8.30-8.31 | 9.7-9.8 | 9.17-9.18 | 9.24-9.25 | 10.11-10.12 | 10.28-10.29 | 11.23-11.24 |
| WT  ( ℃ ) | day | 25.66  ±0.06 | 26.40  ±0.19 | 26.31  ±0.05 | 28.07  ±0.05 | 27.64  ±0.22 | 28.93  ±0.19 | 32.97±0.07 | 30.34  ±0.13 | 28.23±0.07 | 29.91±0.60 | 28.80±0.10 | 27.10  ±0.05 | 27.91±0.32 | 23.64  ±0.08 | 21.62±0.07 | 18.48±0.13 | 15.27  ±0.09 |
| night | 24.73  ±0.07 | 25.00  ±0.05 | 25.79  ±0.04 | 27.19  ±0.08 | 25.74  ±0.11 | 28.31  ±0.05 | 31.90  ±0.07 | 29.52  ±0.10 | 27.86±0.06 | 28.46±0.06 | 27.11±0.05 | 26.57±0.05 | 26.15±0.05 | 23.02±0.05 | 21.35±0.02 | 17.65±0.09 | 15.21  ±0.01 |
| pH | day | 9.43  ±0.04 | 8.79  ±0.04 | 8.93  ±0.11 | 8.21  ± 0.11 | 9.48  ±0.04 | 9.25  ±0.15 | 7.81  ±0.03 | 8.82  ±0.12 | 7.67  ±0.05 | 8.05  ±0.42 | 8.31  ±0.02 | 8.76  ±0.09 | 8.38  ±0.05 | 8.59  ±0.04 | 8.25±0.03 | 9.13±0.01 | 8.77  ±0.02 |
| night | 9.19  ±0.05 | 8.06  ±0.25 | 8.13  ±0.08 | 7.95  ±0.07 | 8.83  ±0.12 | 8.22  ±0.31 | 7.80  ±0.02 | 8.23  ±0.37 | 7.34  ±0.04 | 7.68  ±0.03 | 7.86  ±0.03 | 8.47  ±0.06 | 7.77  ±0.04 | 8.22  ±0.06 | 8.16  ±0.01 | 9.03  ±0.01 | 8.61  ±0.02 |
| DO  **(** mg/L ) | day | 13.08  ±0.35 | 11.48  ±0.30 | 11.39  ±0.53 | 5.85  ±0.39 | 12.11  ±0.51 | 11.77  ±1.56 | 6.16  ±0.09 | 9.76  ±0.55 | 6.53  ±0.08 | 8.95  ±0.79 | 8.78  ±0.14 | 10.35±0.30 | 9.60  ±0.26 | 9.66  ±0.11 | 8.46  ±0.12 | 10.04±0.06 | 11.85  ±0.19 |
| night | 9.69  ±0.30 | 6.26  ±0.79 | 7.30  ±0.26 | 4.58  ±0.17 | 6.52  ±0.53 | 8.88  ±0.34 | 5.57  ±0.04 | 7.17  ±0.67 | 5.64  ±0.22 | 6.63  ±0.12 | 7.14  ±0.04 | 9.16  ±0.06 | 7.18  ±0.09 | 8.65  ±0.13 | 7.96  ±0.04 | 9.37  ±0.10 | 11.03  ±0.13 |
| EC  ( uS/cm ) | day | 420.2  ±0.53 | 418.0  ±1.15 | 408.4±0.79 | 421.7  ±0.49 | 390.9  ±1.35 | 392.6  ±0.98 | 401.2  ±0.76 | 404.9  ±1.21 | 380.4±1.27 | 371.4±2.99 | 367.0±0 | 358.6±0.53 | 358.6±0.53 | 366.9±0.38 | 381.0±0.49 | 397.6±0.58 | 404.1  ±0.79 |
| night | 421.0  ±1.15 | 421.1  ±2.27 | 412.9±0.38 | 413.0  ±1.15 | 387.6  ±0.79 | 400.9  ±2.34 | 400.9  ± 2.34 | 391.7  ±1.11 | 361.9±2.85 | 369.1±0.38 | 367.6±0.53 | 359.9±0.69 | 359.0±0 | 367.0±0 | 380.7±0.49 | 394.0±0.58 | 410.4  ±0.79 |
| Tur  ( NTU ) | day | 47.71  ±4.30 | 36.70  ±2.70 | 33.37  ±8.20 | 23.11  ±1.62 | 30.11  ±4.27 | 35.96  ±5.59 | 18.93  ±0.81 | 60.0  ±7.56 | NA | 46.11±3.90 | 35.66±1.69 | 55.40±9.34 | 17.66±1.15 | 53.47±1.15 | 33.51±1.87 | 13.46±1.44 | 21.64  ±1.89 |
| night | 53.13  ±4.01 | 42.46  ±7.08 | 32.77  ±8.04 | 21.67  ±1.25 | 36.30  ±6.01 | 27.49  ±5.05 | 30.26  ±1.51 | 67.41  ±11.9 | 60.29±2.44 | 48.97±2.56 | 34.07±1.49 | 36.13±5.81 | 24.40±1.60 | 45.51±3.87 | 32.17±3.15 | 18.51±4.19 | 11.29  ±0.80 |
|  | | | | | | | | | | | | | | | | | | |
| DIP  **(** mg/L ) | day | 0.11  ±0.00 | 0.11  ±0.01 | 0.07  ±0.00 | 0.12  ±0.00 | 0.13  ±0.01 | 0.15  ±0.01 | 0.11  ± 0.01 | 0.14  ± 0.01 | 0.10  ± 0.01 | 0.11  ± 0.01 | 0.33  ± 0.01 | 0.19  ± 0.05 | 0.13  ± 0.01 | 0.15  ± 0.01 | 0.14  ± 0.01 | 0.09  ± 0.02 | 0.12  ± 0.00 |
| night | 0.10  ±0.01 | 0.07  ± 0.00 | 0.11  ± 0.00 | 0.07  ± 0.01 | 0.13  ± 0.02 | 0.09  ± 0.01 | 0.10  ±0.01 | 0.15  ±0.00 | 0.11  ±0.00 | 0.15  ±0.01 | 0.25  ±0.01 | 0.16  ±0.01 | 0.22  ±0.00 | 0.14  ±0.01 | 0.12  ±0.00 | 0.06  ±0.01 | 0.15  ±0.03 |
| DIN  **(** mg/L ) | day | 1.93 | 2.16 | 1.40 | 0.84 | 0.96 | 1.42 | 1.64 | 0.67 | 1.18 | 1.68 | 2.03 | 0.96 | 0.87 | 2.67 | 0.87 | 2.98 | 2.14 |
| night | 1.33 | 2.36 | 1.04 | 1.28 | 0.98 | 0.70 | 1.04 | 1.13 | 1.33 | 1.21 | 0.70 | 1.18 | 0.58 | 2.13 | 1.11 | 2.37 | 1.69 |
| nitrate-N  **(** mg/L ) | day | 0.17 | 0.25 | 0.02 | 0.09 | 0.09 | 0.09 | 0.09 | 0.15 | 0.28 | 0.18 | 1.18 | 0.22 | 0.11 | 0.73 | 0.15 | 0.45 | 0.45 |
| night | 0.75 | 0.10 | 0.08 | 0.13 | 0.23 | 0.02 | 0.19 | 0.22 | 0.07 | 0.16 | 0.00 | 0.26 | 0.13 | 0.15 | 0.19 | 0.22 | 0.33 |
| nitrite-N  **(** mg/L ) | day | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.06 | 0.01 | 0.04 | 0.05 | 0.01 | 0.12 | 0.04 | 0.06 | 0.04 | 0.04 | 0.00 | 0.01 |
| night | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.02 | 0.04 | 0.11 | 0.02 | 0.06 | 0.04 | 0.07 | 0.04 | 0.06 | 0.00 | 0.00 |
| ammonia-N  **(** mg/L ) | day | 0.04 | 0.65 | 0.03 | 0.08 | 0.02 | 0.18 | 0.07 | 0.03 | 0.07 | 0.01 | 0.04 | 0.09 | 0.02 | 0.04 | 0.05 | 0.08 | 0.08 |
| night | 0.11 | 0.28 | 0.10 | 0.08 | 0.31 | 0.13 | 0.10 | 0.07 | 0.04 | 0.04 | 0.10 | 0.08 | 0.04 | 0.05 | 0.21 | 0.07 | 0.08 |