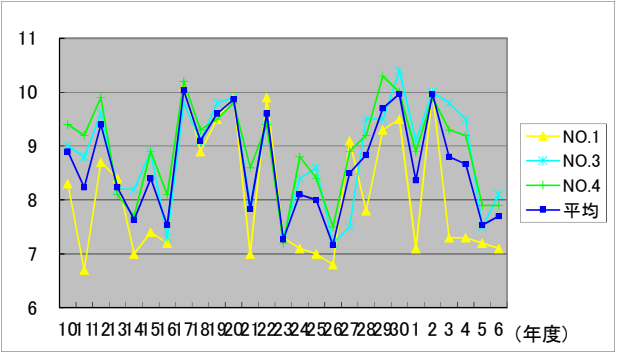


測点の位置 NO.1 温故井橋上流  
NO.3 東浮島付近  
NO.4 西浮島付近  
基準値 生活環境に関する環境基準 湖沼（水産3級）

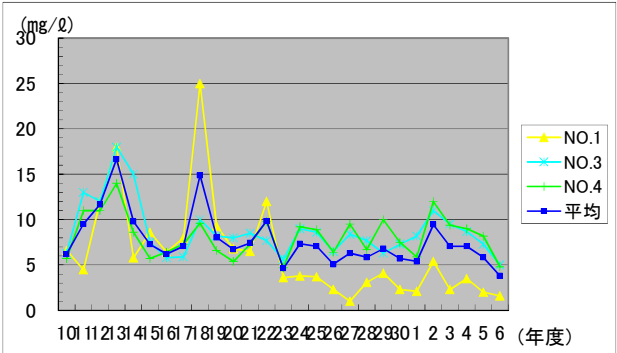
PH（水素イオン濃度 PH7が中性）

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 8.3     | 9.0  | 9.4  | 8.9  |
| 11 | 6.7     | 8.8  | 9.2  | 8.2  |
| 12 | 8.7     | 9.6  | 9.9  | 9.4  |
| 13 | 8.4     | 8.2  | 8.1  | 8.2  |
| 14 | 7.0     | 8.2  | 7.7  | 7.6  |
| 15 | 7.4     | 8.9  | 8.9  | 8.4  |
| 16 | 7.2     | 7.3  | 8.1  | 7.5  |
| 17 | 10.1    | 9.8  | 10.2 | 10.0 |
| 18 | 8.9     | 9.1  | 9.3  | 9.1  |
| 19 | 9.5     | 9.8  | 9.5  | 9.6  |
| 20 | 9.9     | 9.9  | 9.8  | 9.9  |
| 21 | 7.0     | 7.9  | 8.6  | 7.8  |
| 22 | 9.9     | 9.5  | 9.4  | 9.6  |
| 23 | 7.3     | 7.3  | 7.2  | 7.3  |
| 24 | 7.1     | 8.4  | 8.8  | 8.1  |
| 25 | 7.0     | 8.6  | 8.4  | 8.0  |
| 26 | 6.8     | 7.2  | 7.5  | 7.2  |
| 27 | 9.1     | 7.5  | 8.9  | 8.5  |
| 28 | 7.8     | 9.5  | 9.2  | 8.8  |
| 29 | 9.3     | 9.5  | 10.3 | 9.7  |
| 30 | 9.5     | 10.4 | 10.0 | 10.0 |
| 1  | 7.1     | 9.1  | 8.9  | 8.4  |
| 2  | 10.0    | 10.0 | 9.9  | 10.0 |
| 3  | 7.3     | 9.8  | 9.3  | 8.8  |
| 4  | 7.3     | 9.5  | 9.2  | 8.7  |
| 5  | 7.2     | 7.5  | 7.9  | 7.5  |
| 6  | 7.1     | 8.1  | 7.9  | 7.7  |
| 7  | 9.7     | 9.2  | 7.4  | 8.8  |



BOD（生物化学的酸素要求量） 一般的な汚れを示すもので数値が小さいほど水質はいい  
基準値 ー（mg/ℓ）

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 6.6     | 6.3  | 5.7  | 6.2  |
| 11 | 4.5     | 13.0 | 11.0 | 9.5  |
| 12 | 12.0    | 12.0 | 11.0 | 11.7 |
| 13 | 18.0    | 18.0 | 14.0 | 16.7 |
| 14 | 5.8     | 15.0 | 8.6  | 9.8  |
| 15 | 8.6     | 7.5  | 5.7  | 7.3  |
| 16 | 6.4     | 5.8  | 6.4  | 6.2  |
| 17 | 8.0     | 5.9  | 7.3  | 7.1  |
| 18 | 25.0    | 10.0 | 9.6  | 14.9 |
| 19 | 9.3     | 8.2  | 6.6  | 8.0  |
| 20 | 6.8     | 8.0  | 5.4  | 6.7  |
| 21 | 6.5     | 8.5  | 7.3  | 7.4  |
| 22 | 12.0    | 7.7  | 9.8  | 9.8  |
| 23 | 3.6     | 5.6  | 4.7  | 4.6  |
| 24 | 3.8     | 9.0  | 9.2  | 7.3  |
| 25 | 3.7     | 8.6  | 8.9  | 7.1  |
| 26 | 2.3     | 6.5  | 6.4  | 5.1  |
| 27 | 1.0     | 8.4  | 9.5  | 6.3  |
| 28 | 3.1     | 7.7  | 6.7  | 5.8  |
| 29 | 4.1     | 6.3  | 10.0 | 6.8  |
| 30 | 2.3     | 7.3  | 7.5  | 5.7  |
| 1  | 2.1     | 8.2  | 5.9  | 5.4  |
| 2  | 5.4     | 11.0 | 12.0 | 9.5  |
| 3  | 2.3     | 9.5  | 9.4  | 7.1  |
| 4  | 3.5     | 8.7  | 9.0  | 7.1  |
| 5  | 2.0     | 7.3  | 8.2  | 5.8  |
| 6  | 1.6     | 5.0  | 4.8  | 3.8  |
| 7  | 5.7     | 12.0 | 12.0 | 9.9  |



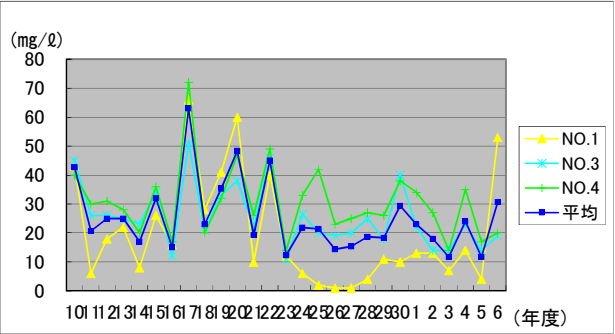
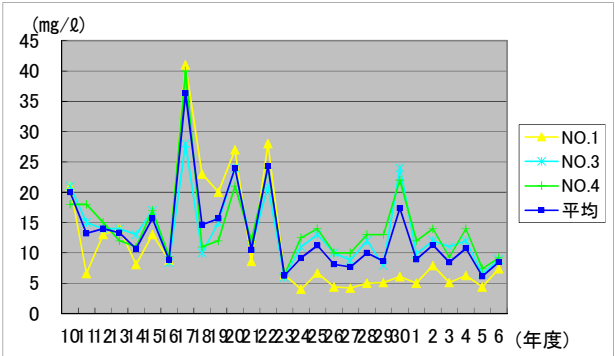
|       |      |                       |
|-------|------|-----------------------|
| 測点の位置 | NO.1 | 温故井橋上流                |
|       | NO.3 | 東浮島付近                 |
|       | NO.4 | 西浮島付近                 |
|       | 基準値  | 生活環境に関する環境基準 湖沼（水産3級） |

COD（化学的酸素要求量）  
基準値 5.0mg/ℓ以下  
有機物が多く水質が悪いと高いが、還元性の無機物によっても高くなるため数値が高いからといって一概に悪いとも言えない

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 21.0    | 21.0 | 18.0 | 20.0 |
| 11 | 6.6     | 15.0 | 18.0 | 13.2 |
| 12 | 13.0    | 14.0 | 15.0 | 14.0 |
| 13 | 14.0    | 14.0 | 12.0 | 13.3 |
| 14 | 8.1     | 13.0 | 11.0 | 10.7 |
| 15 | 13.0    | 17.0 | 17.0 | 15.7 |
| 16 | 8.8     | 8.4  | 9.4  | 8.9  |
| 17 | 41.0    | 28.0 | 40.0 | 36.3 |
| 18 | 23.0    | 10.0 | 11.0 | 14.7 |
| 19 | 20.0    | 15.0 | 12.0 | 15.7 |
| 20 | 27.0    | 24.0 | 21.0 | 24.0 |
| 21 | 8.6     | 11.0 | 12.0 | 10.5 |
| 22 | 28.0    | 21.0 | 24.0 | 24.3 |
| 23 | 6.4     | 6.0  | 6.4  | 6.3  |
| 24 | 4.0     | 11.0 | 12.5 | 9.2  |
| 25 | 6.7     | 13.0 | 14.0 | 11.2 |
| 26 | 4.4     | 10.0 | 10.0 | 8.1  |
| 27 | 4.2     | 8.8  | 10.0 | 7.7  |
| 28 | 5.0     | 12.0 | 13.0 | 10.0 |
| 29 | 5.1     | 7.9  | 13.0 | 8.7  |
| 30 | 6.1     | 24.0 | 22.0 | 17.4 |
| 1  | 5.0     | 9.8  | 12.0 | 8.9  |
| 2  | 7.9     | 12.0 | 14.0 | 11.3 |
| 3  | 5.1     | 11.0 | 9.3  | 8.5  |
| 4  | 6.3     | 12.0 | 14.0 | 10.8 |
| 5  | 4.4     | 6.6  | 7.4  | 6.1  |
| 6  | 7.4     | 8.9  | 9.2  | 8.5  |
| 7  | 6.8     | 12.0 | 17.0 | 11.9 |

SS（浮遊物質）  
基準値 15.0mg/ℓ以下  
汚濁が進んでいると数値が高い

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 43.0    | 45.0 | 40.0 | 42.7 |
| 11 | 6.0     | 26.0 | 30.0 | 20.7 |
| 12 | 18.0    | 26.0 | 31.0 | 25.0 |
| 13 | 22.0    | 25.0 | 28.0 | 25.0 |
| 14 | 8.0     | 23.0 | 20.0 | 17.0 |
| 15 | 26.0    | 34.0 | 36.0 | 32.0 |
| 16 | 16.0    | 12.0 | 17.0 | 15.0 |
| 17 | 66.0    | 51.0 | 72.0 | 63.0 |
| 18 | 28.0    | 21.0 | 20.0 | 23.0 |
| 19 | 41.0    | 33.0 | 32.0 | 35.3 |
| 20 | 60.0    | 38.0 | 47.0 | 48.3 |
| 21 | 10.0    | 22.0 | 26.0 | 19.3 |
| 22 | 40.0    | 46.0 | 49.0 | 45.0 |
| 23 | 12.0    | 11.0 | 14.0 | 12.3 |
| 24 | 6.0     | 26.5 | 33.0 | 21.8 |
| 25 | 2.0     | 20.0 | 42.0 | 21.3 |
| 26 | 1.0     | 19.0 | 23.0 | 14.3 |
| 27 | 1.0     | 20.0 | 25.0 | 15.3 |
| 28 | 4.0     | 25.0 | 27.0 | 18.7 |
| 29 | 11.0    | 18.0 | 26.0 | 18.3 |
| 30 | 10.0    | 40.0 | 38.0 | 29.3 |
| 1  | 13.0    | 22.0 | 34.0 | 23.0 |
| 2  | 13.0    | 14.0 | 27.0 | 18.0 |
| 3  | 7.0     | 14.0 | 14.0 | 11.7 |
| 4  | 14.0    | 23.0 | 35.0 | 24.0 |
| 5  | 4.0     | 14.0 | 17.0 | 11.7 |
| 6  | 53.0    | 19.0 | 20.0 | 30.7 |
| 7  | 11.0    | 24.0 | 33.0 | 22.7 |



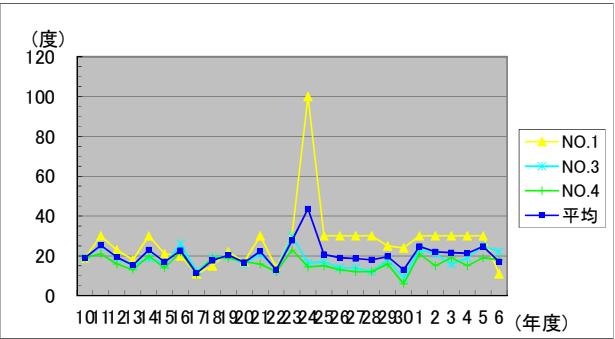
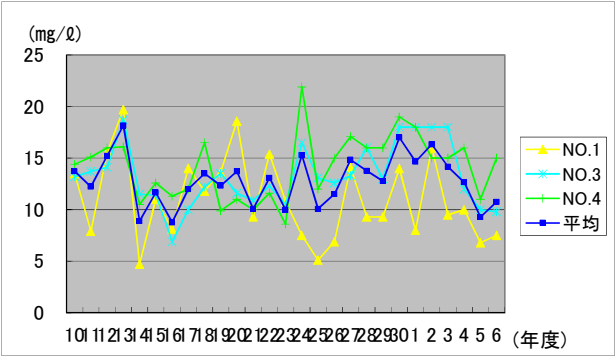
測点の位置 NO.1 温故井橋上流  
NO.3 東浮島付近  
NO.4 西浮島付近  
基準値 生活環境に関する環境基準 湖沼（水産3級）

DO（溶存酸素量）  
基準値 5.0mg/l以上 数値が高いほど水質は良い

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 13.5    | 13.2 | 14.4 | 13.7 |
| 11 | 7.9     | 13.7 | 15.1 | 12.2 |
| 12 | 15.6    | 14.1 | 16.0 | 15.2 |
| 13 | 19.7    | 18.7 | 16.1 | 18.2 |
| 14 | 4.7     | 11.5 | 10.5 | 8.9  |
| 15 | 11.0    | 11.4 | 12.6 | 11.7 |
| 16 | 8.1     | 6.9  | 11.3 | 8.8  |
| 17 | 14.0    | 10.0 | 12.0 | 12.0 |
| 18 | 11.8    | 12.2 | 16.5 | 13.5 |
| 19 | 13.6    | 13.5 | 9.9  | 12.3 |
| 20 | 18.6    | 11.6 | 11.0 | 13.7 |
| 21 | 9.3     | 10.9 | 10.0 | 10.1 |
| 22 | 15.4    | 12.3 | 11.6 | 13.1 |
| 23 | 10.8    | 10.5 | 8.6  | 10.0 |
| 24 | 7.5     | 16.5 | 21.9 | 15.3 |
| 25 | 5.1     | 13.1 | 12.0 | 10.1 |
| 26 | 6.9     | 12.6 | 15.0 | 11.5 |
| 27 | 14.1    | 13.3 | 17.1 | 14.8 |
| 28 | 9.3     | 16.0 | 16.0 | 13.8 |
| 29 | 9.3     | 13.0 | 16.0 | 12.8 |
| 30 | 14.0    | 18.0 | 19.0 | 17.0 |
| 1  | 8.0     | 18.0 | 18.0 | 14.7 |
| 2  | 16.0    | 18.0 | 15.0 | 16.3 |
| 3  | 9.5     | 18.0 | 15.0 | 14.2 |
| 4  | 10.0    | 12.0 | 16.0 | 12.7 |
| 5  | 6.8     | 10.0 | 11.0 | 9.3  |
| 6  | 7.5     | 9.8  | 15.0 | 10.8 |
| 7  | 10.0    | 17.0 | 22.0 | 16.3 |

透視度  
基準値 ———（度） 数値が大きいほど透明度が高い

| 年度 | 測点 NO.1 | NO.3 | NO.4 | 平均   |
|----|---------|------|------|------|
| 10 | 19.0    | 19.0 | 19.0 | 19.0 |
| 11 | 30.0    | 25.0 | 21.0 | 25.3 |
| 12 | 23.0    | 19.0 | 16.0 | 19.3 |
| 13 | 18.0    | 15.0 | 13.0 | 15.3 |
| 14 | 30.0    | 19.0 | 20.0 | 23.0 |
| 15 | 21.0    | 16.0 | 14.0 | 17.0 |
| 16 | 20.0    | 26.0 | 22.0 | 22.7 |
| 17 | 11.0    | 12.0 | 11.0 | 11.3 |
| 18 | 15.0    | 19.0 | 19.0 | 17.7 |
| 19 | 22.0    | 20.0 | 19.0 | 20.3 |
| 20 | 17.0    | 16.0 | 17.0 | 16.7 |
| 21 | 30.0    | 21.0 | 16.0 | 22.3 |
| 22 | 14.0    | 13.0 | 12.0 | 13.0 |
| 23 | 30.0    | 30.0 | 23.0 | 27.7 |
| 24 | 100.0   | 16.5 | 14.5 | 43.7 |
| 25 | 30.0    | 17.0 | 15.0 | 20.7 |
| 26 | 30.0    | 14.0 | 13.0 | 19.0 |
| 27 | 30.0    | 14.0 | 12.0 | 18.7 |
| 28 | 30.0    | 12.0 | 12.0 | 18.0 |
| 29 | 25.0    | 18.0 | 16.0 | 19.7 |
| 30 | 24.0    | 9.0  | 6.0  | 13.0 |
| 1  | 30.0    | 23.0 | 21.0 | 24.7 |
| 2  | 30.0    | 21.0 | 15.0 | 22.0 |
| 3  | 30.0    | 16.0 | 19.0 | 21.7 |
| 4  | 30.0    | 19.0 | 15.0 | 21.3 |
| 5  | 30.0    | 25.0 | 19.0 | 24.7 |
| 6  | 11.0    | 22.0 | 18.0 | 17.0 |
| 7  | 30.0    | 18.0 | 11.0 | 19.7 |



測点の位置 NO.1 温故井橋上流  
NO.3 東浮島付近  
NO.4 西浮島付近  
基準値 生活環境に関する環境基準 湖沼（水産3級）

T-N（全窒素） アオコの発生に影響  
基準値 1.0mg/ℓ以下 数値が小さいほど水質はいい

| 測点<br>年度 | NO.1 | NO.3 | NO.4 | 平均  |
|----------|------|------|------|-----|
| 10       | 4.1  | 4.2  | 4.0  | 4.1 |
| 11       | 3.3  | 3.5  | 3.8  | 3.5 |
| 12       | 2.7  | 2.5  | 2.5  | 2.6 |
| 13       | 3.6  | 3.5  | 3.6  | 3.6 |
| 14       | 3.1  | 3.8  | 3.0  | 3.3 |
| 15       | 3.8  | 3.7  | 4.7  | 4.1 |
| 16       | 2.9  | 2.9  | 3.0  | 2.9 |
| 17       | 4.2  | 3.3  | 4.0  | 3.8 |
| 18       | 4.6  | 2.5  | 2.3  | 3.1 |
| 19       | 3.9  | 2.7  | 2.3  | 3.0 |
| 20       | 3.9  | 3.0  | 3.8  | 3.6 |
| 21       | 2.3  | 2.6  | 2.4  | 2.4 |
| 22       | 3.0  | 2.6  | 2.7  | 2.8 |
| 23       | 1.5  | 1.5  | 1.4  | 1.5 |
| 24       | 3.0  | 2.6  | 2.5  | 2.7 |
| 25       | 4.0  | 2.5  | 2.8  | 3.1 |
| 26       | 1.9  | 2.5  | 2.2  | 2.2 |
| 27       | 1.6  | 2.3  | 2.1  | 2.0 |
| 28       | 2.6  | 2.4  | 2.4  | 2.5 |
| 29       | 2.0  | 2.4  | 2.3  | 2.2 |
| 30       | 2.0  | 2.5  | 2.8  | 2.4 |
| 1        | 2.4  | 2.3  | 2.4  | 2.4 |
| 2        | 1.8  | 2.1  | 2.3  | 2.1 |
| 3        | 3.1  | 2.3  | 2.2  | 2.5 |
| 4        | 2.3  | 2.4  | 2.9  | 2.5 |
| 5        | 6.0  | 2.7  | 2.5  | 3.7 |
| 6        | 1.6  | 1.9  | 1.6  | 1.7 |
| 7        | 2.4  | 2.4  | 2.3  | 2.4 |

T-P（全りん） アオコの発生に影響  
基準値 0.1mg/ℓ以下 数値が小さいほど水質はいい

| 測点<br>年度 | NO.1 | NO.3 | NO.4 | 平均   |
|----------|------|------|------|------|
| 10       | 0.32 | 0.32 | 0.27 | 0.30 |
| 11       | 0.40 | 0.33 | 0.28 | 0.34 |
| 12       | 0.34 | 0.31 | 0.28 | 0.31 |
| 13       | 0.27 | 0.22 | 0.23 | 0.24 |
| 14       | 0.35 | 0.47 | 0.31 | 0.38 |
| 15       | 0.40 | 0.32 | 0.27 | 0.33 |
| 16       | 0.28 | 0.28 | 0.27 | 0.28 |
| 17       | 0.50 | 0.41 | 0.51 | 0.47 |
| 18       | 0.50 | 0.23 | 0.20 | 0.31 |
| 19       | 0.50 | 0.41 | 0.42 | 0.44 |
| 20       | 0.45 | 0.47 | 0.50 | 0.47 |
| 21       | 0.32 | 0.27 | 0.28 | 0.29 |
| 22       | 0.36 | 0.39 | 0.39 | 0.38 |
| 23       | 0.24 | 0.23 | 0.30 | 0.26 |
| 24       | 0.50 | 0.29 | 0.29 | 0.36 |
| 25       | 0.67 | 0.30 | 0.36 | 0.44 |
| 26       | 0.40 | 0.25 | 0.24 | 0.30 |
| 27       | 0.18 | 0.21 | 0.21 | 0.20 |
| 28       | 0.37 | 0.21 | 0.22 | 0.27 |
| 29       | 0.19 | 0.19 | 0.21 | 0.20 |
| 30       | 0.26 | 0.29 | 0.31 | 0.29 |
| 1        | 0.35 | 0.28 | 0.31 | 0.31 |
| 2        | 0.29 | 0.27 | 0.30 | 0.29 |
| 3        | 0.27 | 0.21 | 0.20 | 0.23 |
| 4        | 0.28 | 0.23 | 0.29 | 0.27 |
| 5        | 0.64 | 0.26 | 0.26 | 0.39 |
| 6        | 0.40 | 0.26 | 0.27 | 0.31 |
| 7        | 0.21 | 0.21 | 0.25 | 0.22 |

平成14年度調査においてNO.1のT-N、T-Pの数値が例年と比べると異常に高かったため9月3日の午前、午後再度計量した。その結果この2回の平均値を平成14年度の計量値とする。

