

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年1月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 8               | 8        | 8        | 8        | 8        | 7        | 7        | 7        | 7        | 7        | 7        | 7        | 8        | 7        | 7        | 7        | 8        | 8        | 8        |  |
| 時刻                          |      | 15:00           | 14:30    | 13:25    | 11:45    | 9:20     | 13:35    | 11:10    | 10:20    | 10:10    | 9:45     | 9:30     | 9:10     | 11:30    | 12:40    | 10:45    | 8:30     | 11:05    | 11:20    | 12:50    |  |
| 天候                          |      | R               | R        | R        | O        | O        | Bc       | B        | B        | B        | B        | B        | O        | Bc       | B        | Bc       | O        | O        | O        |          |  |
| 気温 (°C)                     |      | 9.1             | 10.9     | 9.1      | 8.9      | 9.1      | 13.3     | 8.3      | 9.3      | 9.2      | 9.7      | 6.3      | 9.5      | 9        | 9.1      | 7.9      | 11.8     | 9.1      | 9.7      | 9.5      |  |
| 雲形                          |      | As              | As       | As       | As       | As       | Ac       | Sc       | Sc       | Sc       |          | Sc       | As       | Cs       | Sc       | Sc       | As       | As       | As       |          |  |
| 雲量                          |      | 10              | 10       | 10       | 10       | 10       | 6        | 1        | 1        | 1        | 0        | 0        | 1        | 10       | 3        | 1        | 7        | 10       | 10       | 10       |  |
| 風向                          |      | SE              | E        | E        | ESE      | ENE      | E        | ESE      | ENE      | ESE      | ENE      | NE       | N        | ENE      | SSW      | N        | NW       | ENE      | E        | ENE      |  |
| 風力                          |      | 3               | 3        | 3        | 3        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 2        | 0        | 2        | 4        | 2        | 2        |  |
| 波浪                          |      | 2               | 1        | 2        | 2        | 2        | 1        | 1        | 2        | 1        | 1        | 2        | 2        | 2        | 1        | 1        | 1        | 2        | 1        | 1        |  |
| うねり                         |      | 1               | 0        | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |  |
| 透明度 (m)                     |      | 4               | 5        | 4.8      | 5.2      | 5.7      | 8        | 11       | 11       | 8.5      | 4.8      | 9        | 10.1     | 4.1      | 10.8     | 6.1      | 6.3      | 5        | 5        | 3.2      |  |
| 水色                          |      | 7               | 6        | 7        | 6        | 7        | 6        | 6        | 6        | 7        | 7        | 6        | 6        | 7        | 6        | 8        | 6        | 7        | 7        | 7        |  |
| 水深 (m)                      |      | 12.5            | 30.5     | 20       | 20.5     | 31.5     | 35       | 37       | 17.5     | 11.5     | 12       | 17.5     | 21       | 5.5      | 16       | 19.5     | 8.5      | 13.5     | 8        | 17       |  |
| 水温 (°C)                     | 0 m  | 12.94           | 13.26    | 12.61    | 10.91    | 13.35    | 13.04    | 12.35    | 12.35    | 12.26    | 12.65    | 12.57    | 11.86    | 10.20    | 12.35    | 11.86    | 11.79    | 10.71    | 10.78    | 11.83    |  |
|                             | 2 m  | 12.72           | 13.12    | 12.51    | 10.86    | 13.22    | 12.91    | 12.37    | 12.34    | 12.80    | 12.99    | 12.53    | 11.98    | 9.96     | 12.02    | 11.65    | 11.72    | 10.61    | 10.72    | 11.60    |  |
|                             | 5 m  | 12.77           | 13.13    | 12.50    | 11.12    | 13.22    | 12.84    | 12.64    | 12.56    | 13.04    | 13.10    | 12.55    | 12.08    |          | 12.14    | 11.68    | 11.75    | 10.90    | 10.78    | 11.63    |  |
|                             | 10 m | 12.88           | 13.14    | 12.50    | 11.28    | 13.22    | 12.89    | 12.94    | 12.91    | 13.06    | 13.12    | 12.61    | 12.35    |          | 12.61    | 11.77    |          | 11.00    |          | 11.65    |  |
|                             | 20 m |                 | 13.15    |          |          | 13.22    | 12.97    | 13.05    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 13.23    | 13.20    | 13.09    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 12.90           | 13.16    | 12.50    | 11.39    | 13.23    | 13.21    | 13.09    | 13.02    | 13.06    | 13.15    | 12.87    | 12.57    | 9.96     | 12.72    | 12.69    | 11.80    | 11.02    | 10.78    | 12.10    |  |
| DO (mg/l)                   | 0 m  | 9.11            | 8.85     | 9.07     | 10.54    | 8.42     | 9.00     | 8.78     | 8.94     | 8.15     | 8.08     | 8.42     | 8.71     | 11.41    | 8.77     | 10.32    | 8.60     | 10.72    | 10.53    | 10.16    |  |
|                             | 5 m  | 9.04            | 8.82     | 9.05     | 10.40    | 8.33     | 8.85     | 8.70     | 8.83     | 8.18     | 7.98     | 8.44     | 8.65     |          | 8.71     | 10.35    | 8.58     | 10.30    | 10.37    | 10.03    |  |
|                             | 10 m | 8.73            | 8.66     | 9.07     | 10.30    | 8.43     | 8.94     | 8.73     | 8.71     | 7.83     |          | 8.34     | 8.46     |          | 8.83     | 9.72     |          | 9.75     |          | 10.36    |  |
|                             | 20 m |                 | 8.76     |          |          | 8.35     | 8.63     | 8.58     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 8.27     | 8.54     | 8.38     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 8.47            | 8.50     | 9.49     | 9.32     | 8.33     | 8.84     | 8.35     | 8.64     | 7.81     | 7.87     | 8.09     | 8.41     | 11.24    | 8.35     | 8.52     | 8.69     | 9.62     | 10.34    | 9.14     |  |
| 塩分 (psu)                    | 0 m  | 32.71           | 32.90    | 32.79    | 32.48    | 33.02    | 32.51    | 31.58    | 31.54    | 30.24    | 31.49    | 32.03    | 31.73    | 31.95    | 31.87    | 31.96    | 32.50    | 32.21    | 32.10    | 32.62    |  |
|                             | 2 m  | 32.78           | 32.93    | 32.80    | 32.48    | 33.00    | 32.49    | 31.75    | 31.53    | 31.74    | 31.94    | 32.05    | 31.79    | 31.88    | 31.80    | 31.99    | 32.53    | 32.25    | 32.10    | 32.58    |  |
|                             | 5 m  | 32.81           | 32.93    | 32.81    | 32.60    | 33.02    | 32.53    | 32.07    | 31.77    | 32.07    | 32.07    | 32.08    | 31.82    |          | 31.95    | 32.03    | 32.54    | 32.44    | 32.34    | 32.60    |  |
|                             | 10 m | 32.86           | 32.92    | 32.80    | 32.61    | 33.02    | 32.63    | 32.49    | 32.16    | 32.34    | 32.18    | 32.18    | 31.92    |          | 32.28    | 32.05    |          | 32.49    |          | 32.61    |  |
|                             | 20 m |                 | 32.92    |          |          | 33.03    | 32.73    | 32.64    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 33.01    | 32.82    | 32.63    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 32.87           | 32.94    | 32.80    | 32.68    | 33.01    | 32.82    | 32.65    | 32.49    | 32.35    | 32.25    | 32.24    | 32.05    | 31.93    | 32.30    | 32.39    | 32.56    | 32.50    | 32.36    | 32.76    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.55            | 0.78     | 0.56     | 0.38     | 0.27     | 0.30     | 1.07     | 0.98     | 2.96     | 5.28     | 0.88     | 3.45     | 2.40     | 2.04     | 0.14     | 1.45     | 1.24     | 13.27    | 0.28     |  |
|                             | 5 m  | 0.38            | 0.47     | 0.36     | 0.23     | 0.12     | 0.14     | 0.61     | 0.73     | 0.71     | 0.99     | 0.77     | 1.98     |          | 1.51     | 0.10     | 1.31     | 1.10     | 1.13     | 0.00     |  |
|                             | B-1m | 0.36            | 0.52     | 0.30     | 0.15     | 0.31     | 0.22     | 0.83     | 0.65     | 0.91     | 1.13     | 0.70     | 0.98     | 1.30     | 0.73     | 0.74     | 1.26     | 0.65     | 1.21     | 0.17     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.46            | 0.56     | 0.32     | 0.09     | 0.47     | 0.49     | 0.87     | 0.78     | 1.07     | 0.99     | 0.81     | 1.07     | 0.18     | 0.80     | 0.04     | 0.49     | 0.12     | 0.33     | 0.18     |  |
|                             | 5 m  | 0.40            | 0.41     | 0.27     | 0.02     | 0.43     | 0.48     | 0.64     | 0.72     | 0.80     | 0.82     | 0.79     | 1.01     |          | 0.75     | 0.03     | 0.48     | 0.10     | 0.05     | 0.10     |  |
|                             | B-1m | 0.43            | 0.42     | 0.40     | 0.10     | 0.43     | 0.40     | 0.48     | 0.55     | 0.65     | 0.75     | 0.71     | 0.88     | 0.09     | 0.49     | 0.46     | 0.48     | 0.15     | 0.04     | 0.20     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 4.06            | 5.77     | 5.00     | 1.28     | 5.81     | 3.30     | 5.63     | 5.45     | 8.83     | 11.74    | 5.26     | 5.86     | 0.89     | 5.33     | 0.00     | 4.09     | 0.87     | 1.60     | 1.08     |  |
|                             | 5 m  | 4.16            | 5.66     | 4.96     | 1.22     | 5.63     | 3.11     | 4.43     | 5.27     | 5.22     | 5.71     | 5.23     | 5.42     |          | 4.91     | 0.00     | 4.13     | 0.85     | 0.32     | 0.94     |  |
|                             | B-1m | 4.46            | 5.67     | 4.87     | 2.28     | 5.16     | 2.55     | 3.33     | 3.89     | 4.46     | 5.22     | 4.62     | 5.34     | 0.54     | 3.37     | 3.04     | 3.55     | 1.06     | 0.29     | 3.17     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.53            | 0.58     | 0.83     | 0.23     | 0.65     | 0.48     | 0.60     | 0.65     | 0.57     | 1.02     | 0.61     | 0.66     | 0.03     | 0.63     | 0.08     | 0.56     | 0.16     | 0.16     | 0.30     |  |
|                             | 5 m  | 0.51            | 0.59     | 0.53     | 0.22     | 0.55     | 0.48     | 0.56     | 0.70     | 0.59     | 0.66     | 0.62     | 0.63     |          | 0.58     | 0.21     | 0.56     | 0.28     | 0.11     | 0.30     |  |
|                             | B-1m | 0.57            | 0.74     | 0.51     | 0.36     | 0.58     | 0.43     | 0.60     | 0.62     | 0.59     | 0.64     | 0.59     | 0.63     | 0.06     | 0.48     | 0.52     | 0.55     | 0.26     | 0.10     | 0.48     |  |
| クロロフィル (μg/l)               | 0 m  | 3.76            | 1.52     | 2.74     | 7.02     | 1.56     | 1.68     | 2.12     | 1.29     | 2.67     | 2.10     | 2.60     | 2.51     | 7.74     | 1.17     | 1.17     | 1.88     | 7.95     | 5.06     | 7.39     |  |
|                             | 5 m  | 3.15            | 1.48     | 2.84     | 7.58     | 1.76     | 4.54     | 3.05     | 2.62     | 3.50     | 3.81     | 2.92     | 2.86     |          | 2.11     | 2.11     | 2.23     | 9.31     | 12.21    | 7.62     |  |
|                             | B-1m | 2.62            | 1.55     | 2.99     | 4.96     | 1.62     | 6.52     | 2.73     | 3.54     | 3.76     | 4.22     | 3.31     | 2.72     | 9.51     | 7.69     | 7.69     | 2.31     | 10.83    | 15.75    | 4.69     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.35            | 0.30     | 0.48     | 0.87     | 0.31     | 0.24     | 0.38     | 0.24     | 0.49     | 0.36     | 0.47     | 0.34     | 1.44     | 0.24     | 0.24     | 0.32     | 1.32     | 0.88     | 1.47     |  |
|                             | 5 m  | 0.43            | 0.24     | 0.59     | 0.77     | 0.33     | 0.72     | 0.43     | 0.49     | 0.65     | 0.72     | 0.50     | 0.59     |          | 0.31     | 0.31     | 0.31     | 1.05     | 2.23     | 1.64     |  |
|                             | B-1m | 0.41            | 0.26     | 0.60     | 0.53     | 0.29     | 0.83     | 0.63     | 0.67     | 0.67     | 0.88     | 0.64     | 0.55     | 1.32     | 1.12     | 1.12     | 0.36     | 1.45     | 1.62     | 1.04     |  |

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|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 5               | 5        | 5        | 5        | 5        | 4        | 4        | 4        | 4        | 4        | 4        | 4        | 5        | 4        | 4        | 4        | 5        | 5        | 5        |  |
| 時刻                          |      | 8:40            | 9:05     | 10:15    | 11:15    | 14:25    | 10:00    | 11:30    | 13:10    | 13:25    | 13:50    | 14:00    | 14:20    | 11:45    | 10:50    | 12:00    | 8:30     | 11:30    | 11:55    | 10:50    |  |
| 天候                          |      | Bc              | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | C        | Bc       | Bc       | Bc       | Bc       | C        | Bc       |  |
| 気温 (°C)                     |      | 4.7             | 7.5      | 5.3      | 5.5      | 5.9      | 8.3      | 8.9      | 7.8      | 8.3      | 7.4      | 6.7      | 7.5      | 6.2      | 9.1      | 7.6      | 13.8     | 5.3      | 5.7      | 9.1      |  |
| 雲形                          |      | Ac              | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Sc       | Cu       | Cu       | Cu       |  |
| 雲量                          |      | 3               | 3        | 6        | 6        | 7        | 6        | 4        | 5        | 6        | 7        | 6        | 6        | 8        | 3        | 5        | 3        | 7        | 8        | 6        |  |
| 風向                          |      | NNW             | ENE      | NW       | NNE      | SW       | WNW      | NW       | NNE      | NE       | NE       | N        | N        | NNE      | WSW      | NW       | WNW      | SSW      | NE       | NNE      |  |
| 風力                          |      | 2               | 0        | 2        | 0        | 3        | 5        | 6        | 4        | 4        | 3        | 5        | 4        | 2        | 5        | 5        | 3        | 3        | 3        | 0        |  |
| 波浪                          |      | 1               | 1        | 1        | 1        | 2        | 3        | 3        | 2        | 2        | 2        | 2        | 2        | 1        | 2        | 2        | 1        | 1        | 1        | 1        |  |
| うねり                         |      | 0               | 0        | 0        | 0        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1        | 0        | 1        | 1        | 1        | 0        | 0        | 0        |  |
| 透明度 (m)                     |      | 4.8             | 5.9      | 5.8      | 6.7      | 6.7      | 7.2      | 6.8      | 6.7      | 7        | 5.9      | 6.5      | 4.7      | 4.4      | 9        | 9        | 4.9      | 6        | 6        | 4        |  |
| 水色                          |      | 6               | 8        | 7        | 7        | 6        | 6        | 6        | 7        | 7        | 7        | 7        | 8        | 8        | 7        | 6        | 8        | 7        | 7        | 7        |  |
| 水深 (m)                      |      | 11              | 29       | 19.5     | 19       | 50       | 34       | 28       | 19.5     | 14       | 13.5     | 20       | 23       | 6        | 16.5     | 22       | 9        | 14       | 9        | 15.5     |  |
| 水温 (°C)                     | 0 m  | 11.76           | 11.92    | 11.24    | 10.12    | 11.98    | 11.68    | 11.68    | 11.48    | 11.37    | 11.59    | 11.19    | 11.37    | 9.42     | 11.36    | 11.32    | 11.30    | 9.81     | 9.69     | 10.65    |  |
|                             | 2 m  | 11.57           | 11.61    | 11.22    | 10.00    | 11.87    | 11.64    | 11.67    | 11.42    | 11.49    | 11.43    | 11.27    | 11.31    | 9.41     | 11.30    | 11.25    | 11.25    | 9.78     | 9.58     | 10.60    |  |
|                             | 5 m  | 11.58           | 11.61    | 11.23    | 9.99     | 11.82    | 11.67    | 11.76    | 11.57    | 11.80    | 11.45    | 11.55    | 11.30    | 9.40     | 11.49    | 11.27    | 11.25    | 9.73     | 9.52     | 10.69    |  |
|                             | 10 m |                 | 11.61    | 11.23    | 9.90     | 11.82    | 11.79    | 11.75    | 11.63    | 11.75    | 11.47    | 11.55    | 11.30    |          | 11.58    | 11.26    |          | 9.69     |          | 10.71    |  |
|                             | 20 m |                 | 11.61    |          |          | 11.82    | 11.90    | 11.77    |          |          |          |          | 11.31    |          |          | 11.43    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 11.82    | 11.90    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 11.58           | 11.63    | 11.22    | 9.82     | 11.82    | 11.90    | 11.81    | 11.67    | 11.74    | 11.47    | 11.64    | 11.31    | 9.40     | 11.74    | 11.47    | 11.24    | 9.69     | 9.54     | 10.72    |  |
| DO (mg/l)                   | 0 m  | 9.61            | 9.42     | 9.52     | 10.05    | 9.22     | 9.74     | 9.74     | 10.45    | 10.44    | 9.56     | 9.85     | 9.50     | 10.34    | 9.39     | 9.50     | 9.50     | 10.13    | 10.04    | 10.06    |  |
|                             | 5 m  | 9.61            | 9.36     | 9.54     | 10.17    | 9.11     | 9.61     | 9.54     | 10.56    | 9.47     | 9.49     | 10.15    | 9.50     | 10.18    | 9.16     | 9.39     | 9.62     | 10.02    | 10.08    | 9.93     |  |
|                             | 10 m |                 | 9.23     | 9.41     | 10.04    | 9.57     | 9.72     | 9.39     | 10.12    | 9.19     | 9.42     | 9.83     | 9.37     |          | 9.27     | 9.36     |          | 10.12    |          | 9.83     |  |
|                             | 20 m |                 | 9.26     |          |          | 8.94     | 9.62     | 9.16     |          |          |          |          | 9.38     |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 9.09     | 9.09     | 9.41     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 9.53            | 9.23     | 9.74     | 10.02    | 8.84     | 9.09     | 9.01     | 9.22     | 9.14     | 9.20     | 9.18     | 8.86     | 10.11    | 8.01     | 9.34     | 9.43     | 9.68     | 9.83     | 9.63     |  |
| 塩分 (psu)                    | 0 m  | 33.12           | 32.99    | 32.82    | 32.69    | 33.27    | 32.78    | 32.20    | 30.84    | 30.77    | 31.60    | 30.35    | 32.38    | 32.54    | 31.99    | 32.50    | 32.87    | 32.60    | 32.45    | 32.86    |  |
|                             | 2 m  | 33.10           | 33.09    | 32.80    | 32.71    | 33.15    | 32.81    | 32.37    | 30.92    | 31.10    | 31.84    | 31.74    | 32.39    | 32.51    | 31.96    | 32.50    | 32.81    | 32.61    | 32.37    | 32.76    |  |
|                             | 5 m  | 33.09           | 33.08    | 32.81    | 32.70    | 33.18    | 32.86    | 32.80    | 31.50    | 32.48    | 32.30    | 32.39    | 32.40    | 32.50    | 32.26    | 32.53    | 32.81    | 32.63    | 32.43    | 32.78    |  |
|                             | 10 m |                 | 33.09    | 32.96    | 32.68    | 33.17    | 32.98    | 32.81    | 32.19    | 32.57    | 32.46    | 32.49    | 32.39    |          | 32.53    | 32.56    |          | 32.62    |          | 32.79    |  |
|                             | 20 m |                 | 33.09    |          |          | 33.19    | 33.07    | 32.87    |          |          |          |          | 32.41    |          |          | 32.70    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 33.16    | 33.08    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 33.09           | 33.09    | 32.97    | 32.67    | 33.19    | 33.06    | 32.93    | 32.70    | 32.58    | 32.49    | 32.61    | 32.41    | 32.50    | 32.70    | 32.69    | 32.80    | 32.62    | 32.44    | 32.83    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.58            | 0.48     | 0.08     | 0.00     | 0.00     | 0.00     | 0.26     | 0.12     | 2.00     | 1.76     | 0.02     | 0.44     | 0.04     | 0.99     | 0.00     | 0.74     | 0.00     | 2.70     | 0.00     |  |
|                             | 5 m  | 0.45            | 0.74     | 0.12     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.63     | 0.29     | 0.00     | 0.81     | 0.00     | 1.16     | 0.00     | 0.72     | 0.00     | 3.37     | 0.00     |  |
|                             | B-1m | 0.58            | 0.47     | 0.10     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.40     | 0.25     | 0.33     | 1.48     | 0.00     | 3.74     | 0.00     | 0.54     | 0.00     | 2.96     | 0.09     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.27            | 0.27     | 0.17     | 0.05     | 0.35     | 0.12     | 0.24     | 0.18     | 0.33     | 0.16     | 0.08     | 0.09     | 0.06     | 0.11     | 0.10     | 0.09     | 0.08     | 0.13     | 0.10     |  |
|                             | 5 m  | 0.26            | 0.27     | 0.13     | 0.00     | 0.30     | 0.04     | 0.06     | 0.08     | 0.06     | 0.06     | 0.05     | 0.07     | 0.00     | 0.09     | 0.06     | 0.06     | 0.01     | 0.11     | 0.05     |  |
|                             | B-1m | 0.26            | 0.28     | 0.16     | 0.02     | 0.31     | 0.09     | 0.08     | 0.03     | 0.04     | 0.06     | 0.04     | 0.08     | 0.02     | 0.15     | 0.04     | 0.10     | 0.02     | 0.10     | 0.05     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 2.39            | 2.35     | 1.44     | 0.06     | 2.21     | 0.40     | 1.12     | 1.55     | 2.74     | 8.30     | 3.21     | 0.30     | 0.00     | 0.82     | 0.40     | 0.90     | 0.00     | 0.60     | 0.16     |  |
|                             | 5 m  | 2.13            | 2.27     | 1.43     | 0.00     | 2.12     | 0.12     | 0.50     | 0.56     | 0.41     | 0.66     | 0.34     | 0.36     | 0.00     | 0.70     | 0.31     | 0.77     | 0.00     | 0.44     | 0.00     |  |
|                             | B-1m | 2.35            | 2.39     | 1.79     | 0.00     | 2.18     | 0.54     | 0.51     | 0.26     | 0.34     | 0.39     | 0.38     | 0.44     | 0.00     | 0.85     | 0.08     | 0.64     | 0.00     | 0.42     | 0.30     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.44            | 0.43     | 0.40     | 0.18     | 0.44     | 0.24     | 0.32     | 0.16     | 0.25     | 0.73     | 0.28     | 0.27     | 0.09     | 0.41     | 0.29     | 0.41     | 0.11     | 0.09     | 0.28     |  |
|                             | 5 m  | 0.43            | 0.42     | 0.37     | 0.16     | 0.40     | 0.26     | 0.35     | 0.18     | 0.45     | 0.32     | 0.23     | 0.29     | 0.08     | 0.55     | 0.28     | 0.34     | 0.12     | 0.09     | 0.25     |  |
|                             | B-1m | 0.44            | 0.43     | 0.42     | 0.17     | 0.41     | 0.33     | 0.36     | 0.29     | 0.37     | 0.32     | 0.34     | 0.42     | 0.10     | 0.77     | 0.27     | 0.35     | 0.13     | 0.11     | 0.30     |  |
| クロロフィル (μg/l)               | 0 m  | 2.31            | 2.05     | 2.84     | 3.30     | 1.37     | 3.39     | 3.53     | 5.20     | 4.27     | 4.61     | 3.50     | 5.81     | 5.62     | 5.83     | 2.83     | 3.13     | 3.69     | 5.42     | 7.26     |  |
|                             | 5 m  | 2.30            | 2.30     | 4.34     | 3.95     | 1.84     | 3.91     | 3.98     | 5.50     | 2.89     | 5.52     | 4.86     | 7.60     | 6.32     | 2.96     | 2.68     | 3.34     | 3.88     | 5.20     | 7.50     |  |
|                             | B-1m | 2.49            | 2.66     | 2.93     | 3.66     | 2.39     | 7.11     | 4.75     | 5.44     | 4.24     | 7.23     | 5.46     | 6.79     | 6.56     | 2.32     | 4.38     | 3.19     | 4.19     | 6.20     | 5.08     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.57            | 0.37     | 0.62     | 0.73     | 0.26     | 0.78     | 0.81     | 0.87     | 0.83     | 0.58     | 0.67     | 1.12     | 1.21     | 1.54     | 0.52     | 0.58     | 0.68     | 0.96     | 1.37     |  |
|                             | 5 m  | 0.44            | 0.45     | 0.78     | 0.60     | 0.28     | 0.66     | 0.87     | 0.99     | 0.67     | 1.07     | 0.98     | 1.29     | 1.24     | 0.66     | 0.49     | 0.49     | 0.68     | 1.66     | 1.22     |  |
|                             | B-1m | 0.35            | 0.54     | 0.73     | 0.62     | 0.65     | 1.33     | 0.89     | 1.04     | 1.18     | 1.49     | 1.03     | 1.24     | 1.40     | 0.50     | 0.66     | 0.43     | 0.76     | 1.49     | 1.29     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年3月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 4               | 4        | 4        | 4        | 4        | 3        | 3        | 3        | 3        | 3        | 3        | 3        | 4        | 3        | 3        | 3        | 4        | 4        | 4        |  |
| 時刻                          |      | 8:40            | 9:25     | 10:25    | 11:25    | 14:30    | 13:30    | 11:20    | 10:30    | 10:15    | 9:50     | 9:35     | 8:55     | 11:55    | 12:05    | 10:50    | 8:30     | 11:40    | 12:05    | 11:00    |  |
| 天候                          |      | Bc              | Bc       | Bc       | Bc       | O        | B        | B        | B        | B        | B        | B        | B        | Bc       | B        | B        | B        | Bc       | Bc       | Bc       |  |
| 気温 (°C)                     |      | 7.1             | 6.3      | 7.9      | 8.9      | 9.3      | 10.7     | 9.6      | 8.7      | 8.7      | 9.3      | 9.1      | 8.4      | 8.7      | 9.9      | 8.9      | 15.1     | 8.3      | 7        | 10.7     |  |
| 雲形                          |      | Ci              | Ci       | Ci       | Cs       | As       | Cu       | Ci       | Ci       | Ci       | Ci       | Ci       | Cs       | Cu       | Ci       | Ci       | Cs       | Cs       | Cs       | Cs       |  |
| 雲量                          |      | 5               | 6        | 6        | 7        | 10       | 1        | 2        | 2        | 2        | 2        | 2        | 7        | 1        | 2        | 2        | 7        | 7        | 7        | 7        |  |
| 風向                          |      | ENE             | ENE      | E        | SE       | ENE      | NNE      | NE       | N        | NNE      | NNE      | NNE      | N        | SE       | ENE      | NNW      | NNE      | SE       | ESE      | N        |  |
| 風力                          |      | 4               | 3        | 3        | 3        | 3        | 5        | 4        | 5        | 6        | 5        | 4        | 4        | 2        | 4        | 5        | 3        | 3        | 3        | 0        |  |
| 波浪                          |      | 2               | 2        | 3        | 2        | 2        | 3        | 3        | 2        | 3        | 2        | 3        | 3        | 2        | 2        | 2        | 2        | 2        | 1        | 1        |  |
| うねり                         |      | 1               | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 0        | 1        | 0        | 0        |  |
| 透明度 (m)                     |      | 4               | 7        | 5.1      | 6.7      | 6.7      | 11       | 8.2      | 8.3      | 10       | 7.1      | 9.6      | 6.5      | 5.6      | 8.4      | 12.8     | 5        | 8.1      | 8.6      | 4.9      |  |
| 水色                          |      | 7               | 6        | 7        | 7        | 6        | 6        | 6        | 6        | 6        | 7        | 6        | 7        | 7        | 6        | 6        | 8        | 6        | 6        | 7        |  |
| 水深 (m)                      |      | 12              | 30.5     | 18       | 20.5     | 35       | 35       | 38.5     | 20.5     | 14.5     | 12.5     | 20       | 23       | 7.5      | 17       | 22       | 10       | 15       | 9.5      | 15.5     |  |
| 水温 (°C)                     | 0 m  | 10.02           | 10.22    | 10.32    | 9.12     | 10.33    | 10.45    | 10.30    | 10.24    | 10.21    | 10.50    | 10.19    | 10.06    | 9.33     | 10.40    | 10.45    | 10.21    | 9.46     | 9.61     | 10.11    |  |
|                             | 2 m  | 9.94            | 10.06    | 9.90     | 9.11     | 10.16    | 10.38    | 10.25    | 10.21    | 10.17    | 10.23    | 10.15    | 10.05    | 9.11     | 10.26    | 10.16    | 10.13    | 9.08     | 9.36     | 9.85     |  |
|                             | 5 m  | 9.94            | 10.06    | 9.90     | 9.07     | 10.16    | 10.36    | 10.24    | 10.25    | 10.17    | 10.22    | 10.15    | 10.08    | 8.97     | 10.22    | 10.15    | 10.13    | 9.08     | 9.06     | 9.85     |  |
|                             | 10 m | 9.94            | 10.06    | 9.90     | 9.05     | 10.16    | 10.33    | 10.23    | 10.27    | 10.14    | 10.27    | 10.19    | 10.12    |          | 10.11    | 10.17    |          | 9.02     |          | 9.85     |  |
|                             | 20 m |                 | 10.06    |          |          | 10.10    | 10.30    | 10.25    |          |          |          |          | 10.14    |          |          | 10.15    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 10.10    | 10.28    | 10.26    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 9.94            | 10.06    | 9.89     | 9.07     | 10.10    | 10.27    | 10.26    | 10.27    | 10.36    | 10.27    | 10.28    | 10.15    | 8.97     | 10.16    | 10.17    | 10.10    | 9.05     | 9.05     | 9.86     |  |
| DO (mg/l)                   | 0 m  | 9.91            | 9.94     | 10.06    | 10.21    | 9.91     | 10.00    | 9.58     | 10.36    | 10.44    | 10.20    | 10.28    | 10.29    | 10.27    | 9.28     | 9.50     | 9.59     | 9.98     | 9.81     | 9.93     |  |
|                             | 5 m  | 9.91            | 9.92     | 9.88     | 10.45    | 9.86     | 10.00    | 9.54     | 10.45    | 10.47    | 10.18    | 10.30    | 10.28    | 10.18    | 9.23     | 9.48     | 9.42     | 9.89     | 9.89     | 9.95     |  |
|                             | 10 m | 9.76            | 9.90     | 9.85     | 10.10    | 9.87     | 10.40    | 9.44     | 10.12    | 10.49    | 9.74     | 10.27    | 10.05    |          | 9.05     | 9.46     |          | 9.85     |          | 9.79     |  |
|                             | 20 m |                 | 9.88     |          |          | 9.77     | 10.02    | 9.41     |          |          |          |          | 9.53     |          | 9.45     |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 9.65     | 9.83     | 9.19     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 9.81            | 9.75     | 9.66     | 10.08    | 10.20    | 9.65     | 9.10     | 9.76     | 10.31    | 9.62     | 9.66     | 9.42     | 9.95     | 8.38     | 9.38     | 9.53     | 9.34     | 9.89     | 10.18    |  |
| 塩分 (psu)                    | 0 m  | 33.02           | 33.17    | 32.83    | 32.41    | 33.33    | 33.08    | 32.29    | 32.00    | 32.05    | 32.34    | 32.42    | 32.30    | 31.92    | 32.50    | 32.89    | 32.88    | 32.10    | 31.84    | 32.55    |  |
|                             | 2 m  | 33.07           | 33.08    | 32.90    | 32.40    | 33.18    | 33.09    | 32.25    | 32.01    | 32.03    | 32.41    | 32.39    | 32.43    | 31.90    | 32.42    | 32.78    | 32.88    | 32.10    | 31.91    | 32.66    |  |
|                             | 5 m  | 33.10           | 33.08    | 32.90    | 32.36    | 33.20    | 33.09    | 32.30    | 32.20    | 32.03    | 32.45    | 32.43    | 32.50    | 31.99    | 32.49    | 32.77    | 32.88    | 32.28    | 32.12    | 32.66    |  |
|                             | 10 m | 33.10           | 33.08    | 32.90    | 32.36    | 33.18    | 33.10    | 32.53    | 32.84    | 32.14    | 32.75    | 32.49    | 32.61    |          | 32.76    | 32.82    |          | 32.30    |          | 32.66    |  |
|                             | 20 m |                 | 33.07    |          |          | 33.18    | 33.10    | 32.68    |          |          |          |          | 32.72    |          | 32.87    |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 33.18    | 33.11    | 32.82    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 33.10           | 33.09    | 32.90    | 32.39    | 33.18    | 33.12    | 32.87    | 32.83    | 32.65    | 32.75    | 32.79    | 32.75    | 32.11    | 32.86    | 32.94    | 32.86    | 32.55    | 32.13    | 32.66    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.28            | 0.24     | 0.00     | 0.07     | 0.29     | 0.00     | 0.58     | 0.18     | 0.95     | 0.45     | 2.17     | 1.66     | 4.78     | 0.45     | 0.00     | 0.74     | 3.77     | 14.54    | 0.50     |  |
|                             | 5 m  | 0.17            | 0.36     | 0.00     | 0.00     | 0.52     | 0.00     | 0.56     | 0.52     | 0.66     | 0.34     | 1.54     | 1.47     | 2.95     | 0.75     | 0.00     | 0.78     | 3.60     | 5.97     | 0.12     |  |
|                             | B-1m | 0.28            | 0.16     | 0.07     | 0.00     | 0.61     | 0.00     | 0.34     | 0.83     | 0.49     | 0.00     | 1.14     | 1.53     | 1.37     | 1.82     | 0.00     | 0.39     | 1.54     | 3.40     | 0.00     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.06            | 0.07     | 0.04     | 0.04     | 0.07     | 0.08     | 0.13     | 0.14     | 0.16     | 0.06     | 0.12     | 0.08     | 0.21     | 0.12     | 0.04     | 0.03     | 0.21     | 0.34     | 0.06     |  |
|                             | 5 m  | 0.04            | 0.02     | 0.02     | 0.04     | 0.06     | 0.05     | 0.14     | 0.20     | 0.14     | 0.06     | 0.05     | 0.06     | 0.15     | 0.07     | 0.04     | 0.03     | 0.14     | 0.14     | 0.05     |  |
|                             | B-1m | 0.06            | 0.04     | 0.04     | 0.03     | 0.19     | 0.05     | 0.07     | 0.05     | 0.13     | 0.04     | 0.04     | 0.05     | 0.12     | 0.08     | 0.02     | 0.05     | 0.03     | 0.10     | 0.09     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 0.38            | 0.25     | 0.19     | 0.17     | 0.33     | 0.00     | 0.69     | 1.16     | 0.77     | 1.08     | 1.84     | 0.05     | 0.73     | 0.02     | 0.19     | 0.92     | 0.52     | 2.10     | 0.32     |  |
|                             | 5 m  | 0.26            | 0.39     | 0.25     | 0.10     | 0.28     | 0.00     | 0.70     | 1.07     | 0.72     | 0.95     | 0.65     | 0.00     | 0.54     | 0.00     | 0.22     | 0.69     | 0.64     | 0.93     | 0.26     |  |
|                             | B-1m | 0.00            | 0.18     | 0.11     | 0.10     | 0.30     | 0.00     | 0.40     | 0.40     | 0.70     | 0.22     | 0.00     | 0.00     | 0.00     | 0.00     | 0.18     | 0.11     | 0.14     | 0.61     | 0.34     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.29            | 0.24     | 0.16     | 0.08     | 0.22     | 0.28     | 0.35     | 0.20     | 0.19     | 0.26     | 0.30     | 0.19     | 0.12     | 0.36     | 0.25     | 0.32     | 0.17     | 0.23     | 0.25     |  |
|                             | 5 m  | 0.22            | 0.24     | 0.18     | 0.10     | 0.24     | 0.35     | 0.24     | 0.17     | 0.19     | 0.32     | 0.26     | 0.18     | 0.10     | 0.38     | 0.25     | 0.32     | 0.16     | 0.18     | 0.29     |  |
|                             | B-1m | 0.24            | 0.23     | 0.17     | 0.06     | 0.31     | 0.22     | 0.39     | 0.27     | 0.27     | 0.32     | 0.28     | 0.48     | 0.12     | 0.52     | 0.22     | 0.33     | 0.22     | 0.17     | 0.18     |  |
| クロロフィル (μg/l)               | 0 m  | 3.87            | 3.25     | 2.56     | 5.36     | 3.14     | 1.86     | 2.93     | 2.59     | 2.11     | 3.50     | 2.99     | 4.02     | 5.42     | 2.23     | 1.66     | 2.28     | 2.58     | 1.67     | 2.93     |  |
|                             | 5 m  | 3.48            | 3.53     | 2.70     | 3.86     | 3.13     | 1.69     | 2.99     | 3.24     | 2.46     | 4.55     | 3.57     | 4.53     | 6.52     | 2.05     | 1.92     | 2.02     | 2.94     | 2.26     | 3.01     |  |
|                             | B-1m | 3.63            | 4.11     | 3.25     | 5.05     | 2.89     | 1.91     | 1.53     | 3.16     | 2.11     | 4.55     | 4.69     | 3.33     | 6.03     | 2.64     | 2.32     | 2.12     | 2.21     | 2.87     | 2.74     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.54            | 0.50     | 0.44     | 0.28     | 0.49     | 0.21     | 0.40     | 0.43     | 0.36     | 0.92     | 0.65     | 0.70     | 0.76     | 0.33     | 0.25     | 0.31     | 0.37     | 0.26     | 0.66     |  |
|                             | 5 m  | 0.83            | 0.47     | 0.57     | 0.29     | 0.45     | 0.25     | 0.47     | 0.50     | 0.49     | 0.81     | 0.61     | 0.67     | 0.95     | 0.39     | 0.32     | 0.29     | 0.46     | 0.38     | 0.60     |  |
|                             | B-1m | 0.80            | 1.09     | 0.55     | 0.20     | 0.39     | 0.25     | 0.32     | 0.63     | 0.30     | 1.20     | 0.91     | 0.70     | 0.88     | 0.56     | 0.41     | 0.32     | 0.72     | 0.97     | 0.53     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |       | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年4月  |  |
|-----------------------------|-------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号    | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度    | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度    | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |       | 3               | 3        | 3        | 3        | 3        | 2        | 2        | 2        | 2        | 2        | 2        | 2        | 3        | 2        | 2        | 2        | 3        | 3        | 3        |  |
| 時刻                          |       | 8:40            | 9:10     | 10:15    | 11:15    | 14:30    | 13:20    | 11:10    | 10:20    | 10:05    | 9:45     | 9:30     | 9:10     | 11:45    | 11:55    | 10:45    | 8:30     | 11:30    | 11:55    | 10:45    |  |
| 天候                          |       | B               | Bc       | Bc       | Bc       | C        | Bc       | Bc       | Bc       | Bc       | Bc       | B        | Bc       | Bc       | Bc       | B        | Bc       | Bc       | Bc       | Bc       |  |
| 気温 (°C)                     |       | 13.9            | 13.8     | 15.5     | 14.9     | 16.4     | 14.3     | 16.7     | 12.6     | 12.9     | 12.9     | 13.1     | 13.3     | 17.3     | 14.1     | 16.3     | 12.5     | 15.3     | 18       | 14.5     |  |
| 雲形                          |       | Cc              | Cc       | Cc       | Cc       | Cs       | Ac       | Ci       | Ci       | Ci       | Ci       | Ci       | Ci       | Cc       | Ac       | Ci       | Ci       | Cc       | Cc       | Cc       |  |
| 雲量                          |       | 1               | 3        | 3        | 5        | 8        | 3        | 4        | 4        | 4        | 4        | 4        | 2        | 5        | 3        | 4        | 1        | 5        | 5        | 4        |  |
| 風向                          |       | NNW             | S        | S        | SE       | WNW      | SW       | NNE      | WNW      | WSW      | SSW      | NW       | NE       | SSE      | SSW      | NW       | S        | SSW      | NW       | SW       |  |
| 風力                          |       | 0               | 0        | 2        | 3        | 0        | 3        | 0        | 1        | 2        | 2        | 0        | 0        | 1        | 3        | 0        | 0        | 0        | 0        | 3        |  |
| 波浪                          |       | 1               | 1        | 2        | 2        | 1        | 2        | 1        | 1        | 1        | 1        | 1        | 2        | 1        | 2        | 0        | 0        | 1        | 1        | 2        |  |
| うねり                         |       | 0               | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |  |
| 透明度 (m)                     |       | 4.3             | 7        | 5.1      | 5        | 7        | 8        | 5.8      | 4.3      | 4.5      | 5        | 5.5      | 5        | 4        | 6        | 7.2      | 4.9      | 4.5      | 4.4      | 3.1      |  |
| 水色                          |       | 8               | 7        | 8        | 7        | 7        | 6        | 7        | 8        | 8        | 8        | 7        | 8        | 8        | 7        | 7        | 8        | 8        | 8        | 8        |  |
| 水深 (m)                      |       | 12              | 30.5     | 21.5     | 20.5     | 30.5     | 31.5     | 38       | 19       | 15       | 13.5     | 20       | 23       | 7.5      | 15       | 19.5     | 10       | 15       | 8.5      | 14.5     |  |
| 水温 (°C)                     | 0 m   | 12.03           | 11.68    | 11.82    | 12.39    | 11.44    | 12.17    | 12.27    | 12.69    | 13.61    | 12.23    | 12.68    | 12.67    | 13.20    | 12.59    | 13.42    | 11.59    | 12.63    | 13.30    | 12.40    |  |
|                             | 2 m   | 11.29           | 11.31    | 11.73    | 12.31    | 11.38    | 12.05    | 11.48    | 11.98    | 12.27    | 11.84    | 12.30    | 12.65    | 12.78    | 11.59    | 12.24    | 11.78    | 12.37    | 12.18    | 12.38    |  |
|                             | 5 m   | 11.25           | 11.27    | 11.72    | 12.19    | 11.37    | 12.00    | 11.36    | 11.39    | 11.68    | 11.86    | 11.73    | 11.86    | 12.18    | 11.24    | 11.44    | 11.91    | 11.98    | 12.11    | 12.35    |  |
|                             | 10 m  | 11.24           | 11.26    | 11.69    | 12.17    | 11.37    | 11.59    | 11.16    | 11.10    | 11.07    | 11.12    | 11.23    | 11.38    |          | 10.90    | 11.01    |          | 11.59    |          | 12.36    |  |
|                             | 20 m  |                 | 11.26    | 11.69    |          | 11.36    | 10.96    | 11.11    |          |          |          |          | 10.84    |          |          |          |          |          |          |          |  |
|                             | 30 m  |                 |          |          |          |          | 10.86    | 11.06    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m  | 11.24           | 11.24    | 11.68    | 12.14    | 11.35    | 10.86    | 11.06    | 11.06    | 11.02    | 11.02    | 10.91    | 10.85    | 11.61    | 10.80    | 10.84    | 11.63    | 11.38    | 12.09    | 12.35    |  |
| DO (mg/l)                   | 0 m   | 9.15            | 9.11     | 9.16     | 10.26    | 9.19     | 9.36     | 10.35    | 10.55    | 10.51    | 9.87     | 10.39    | 10.25    | 10.48    | 9.56     | 9.88     | 9.21     | 10.22    | 9.95     | 9.16     |  |
|                             | 5 m   | 9.19            | 9.19     | 9.12     | 10.35    | 9.14     | 9.39     | 9.58     | 10.25    | 9.88     | 9.78     | 10.13    | 9.62     | 10.55    | 9.50     | 9.55     | 9.04     | 10.38    | 10.12    | 9.22     |  |
|                             | 10 m  | 9.07            | 9.05     | 9.14     | 9.90     | 9.08     | 9.34     | 9.06     | 9.07     | 8.79     |          | 9.42     | 9.33     |          | 8.02     | 9.13     |          | 9.90     |          | 9.14     |  |
|                             | 20 m  |                 | 9.19     |          | 9.69     | 9.11     | 9.20     | 8.88     |          |          |          |          | 8.46     |          |          |          |          |          |          |          |  |
|                             | 30 m  |                 |          |          |          | 9.00     | 8.54     | 8.65     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m  | 9.10            | 9.08     | 8.95     | 9.51     | 8.85     | 8.44     | 8.59     | 8.70     | 8.50     | 8.55     | 8.34     | 8.13     | 9.57     | 8.09     | 8.44     | 8.97     | 9.10     | 10.00    | 9.17     |  |
| 塩分 (psu)                    | 0 m   | 31.21           | 33.09    | 32.93    | 32.12    | 33.29    | 32.66    | 29.57    | 28.52    | 25.90    | 26.82    | 30.35    | 31.20    | 31.44    | 32.52    | 31.18    | 32.23    | 31.75    | 31.55    | 32.64    |  |
|                             | 2 m   | 33.07           | 33.15    | 32.94    | 32.17    | 33.19    | 32.75    | 32.06    | 31.08    | 30.81    | 29.86    | 31.26    | 31.57    | 31.40    | 31.86    | 32.20    | 32.65    | 31.88    | 31.87    | 32.59    |  |
|                             | 5 m   | 33.12           | 33.14    | 32.94    | 32.27    | 33.20    | 32.84    | 32.36    | 32.37    | 31.92    | 31.69    | 32.04    | 32.21    | 31.97    | 32.49    | 32.60    | 32.82    | 32.15    | 32.00    | 32.60    |  |
|                             | 10 m  | 33.11           | 33.16    | 32.95    | 32.31    | 33.20    | 33.02    | 32.81    | 32.80    | 32.67    | 32.54    | 32.53    | 32.48    |          | 32.75    | 32.88    |          | 32.43    |          | 32.61    |  |
|                             | 20 m  |                 | 33.14    | 32.94    |          | 33.19    | 33.10    | 32.89    |          |          |          |          | 32.80    |          |          |          |          |          |          |          |  |
|                             | 30 m  |                 |          |          |          |          | 33.12    | 32.92    |          |          |          |          |          |          |          |          |          |          |          |          |  |
| B-1m                        | 33.11 | 33.14           | 32.95    | 32.33    | 33.19    | 33.12    | 32.94    | 32.89    | 32.76    | 32.65    | 32.79    | 32.79    | 32.33    | 32.82    | 32.94    | 32.89    | 32.53    | 32.06    | 32.61    |          |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m   | 1.06            | 0.00     | 0.00     | 0.00     | 0.00     | 1.55     | 0.57     | 0.55     | 2.18     | 4.73     | 0.66     | 2.90     | 1.97     | 0.92     | 0.28     | 0.88     | 1.44     | 29.85    | 0.01     |  |
|                             | 5 m   | 0.91            | 0.00     | 0.00     | 0.00     | 0.13     | 1.81     | 1.08     | 0.45     | 0.00     | 0.08     | 0.59     | 0.00     | 0.00     | 0.03     | 0.47     | 1.71     | 0.04     | 0.08     | 0.00     |  |
|                             | B-1m  | 0.29            | 0.14     | 0.00     | 0.00     | 0.00     | 2.32     | 0.80     | 1.19     | 0.00     | 0.67     | 1.25     | 1.61     | 0.00     | 0.89     | 0.43     | 1.07     | 0.31     | 0.00     | 0.08     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m   | 0.13            | 0.13     | 0.10     | 0.10     | 0.11     | 0.06     | 0.17     | 0.15     | 1.12     | 0.33     | 0.16     | 0.11     | 0.21     | 0.07     | 0.05     | 0.10     | 0.17     | 0.66     | 0.14     |  |
|                             | 5 m   | 0.06            | 0.06     | 0.05     | 0.05     | 0.07     | 0.03     | 0.05     | 0.04     | 0.07     | 0.04     | 0.04     | 0.03     | 0.08     | 0.03     | 0.03     | 0.09     | 0.04     | 0.06     | 0.05     |  |
|                             | B-1m  | 0.08            | 0.08     | 0.07     | 0.04     | 0.07     | 0.05     | 0.04     | 0.05     | 0.05     | 0.08     | 0.06     | 0.07     | 0.05     | 0.07     | 0.05     | 0.06     | 0.04     | 0.05     | 0.06     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m   | 1.50            | 0.35     | 0.27     | 0.24     | 0.26     | 0.16     | 1.44     | 4.05     | 6.68     | 17.17    | 2.63     | 0.57     | 1.20     | 0.10     | 0.15     | 1.50     | 0.84     | 4.03     | 0.27     |  |
|                             | 5 m   | 0.61            | 0.23     | 0.19     | 0.15     | 0.25     | 0.08     | 0.15     | 0.12     | 0.12     | 0.37     | 0.13     | 0.12     | 0.27     | 0.09     | 0.07     | 0.89     | 0.09     | 0.11     | 0.23     |  |
|                             | B-1m  | 0.51            | 0.25     | 0.19     | 0.08     | 0.23     | 0.13     | 0.24     | 0.23     | 0.17     | 0.24     | 0.28     | 0.31     | 0.20     | 0.27     | 0.23     | 0.37     | 0.05     | 0.07     | 0.23     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m   | 0.25            | 0.21     | 0.23     | 0.01     | 0.19     | 0.22     | 0.00     | 0.18     | 0.12     | 0.42     | 0.09     | 0.13     | 0.08     | 0.04     | 0.03     | 0.22     | 0.09     | 0.19     | 0.21     |  |
|                             | 5 m   | 0.25            | 0.23     | 0.18     | 0.03     | 0.29     | 0.10     | 0.11     | 0.05     | 0.09     | 0.08     | 0.07     | 0.07     | 0.16     | 0.12     | 0.08     | 0.26     | 0.03     | 0.11     | 0.20     |  |
|                             | B-1m  | 0.24            | 0.25     | 0.20     | 0.05     | 0.21     | 0.36     | 0.33     | 0.28     | 0.33     | 0.31     | 0.35     | 0.43     | 0.12     | 0.42     | 0.30     | 0.21     | 0.10     | 0.15     | 0.27     |  |
| クロロフィル (μg/l)               | 0 m   | 1.33            | 0.68     | 1.81     | 4.61     | 1.22     | 1.65     | 4.84     | 3.81     | 6.35     | 5.57     | 7.75     | 4.90     | 6.70     | 3.86     | 3.07     | 2.17     | 5.16     | 4.17     | 2.12     |  |
|                             | 5 m   | 2.03            | 1.69     | 1.93     | 4.43     | 1.16     | 1.86     | 3.34     | 4.20     | 2.51     | 3.98     | 3.23     | 3.78     | 8.52     | 3.37     | 1.49     | 2.01     | 6.82     | 5.90     | 2.23     |  |
|                             | B-1m  | 1.70            | 1.77     | 1.80     | 4.24     | 1.45     | 2.61     | 3.19     | 4.39     | 5.46     | 3.54     | 3.72     | 3.23     | 7.86     | 3.62     | 4.48     | 1.91     | 8.32     | 9.47     | 2.28     |  |
| フェオフィチン (μg/l)              | 0 m   | 0.27            | 0.16     | 0.25     | 0.49     | 0.28     | 0.19     | 0.50     | 0.42     | 0.67     | 0.65     | 0.62     | 0.56     | 0.75     | 0.44     | 0.31     | 0.39     | 0.52     | 0.51     | 0.44     |  |
|                             | 5 m   | 0.56            | 0.23     | 0.36     | 0.30     | 0.31     | 0.10     | 0.40     | 0.55     | 0.40     | 0.66     | 0.48     | 0.57     | 1.01     | 0.46     | 0.21     | 0.34     | 0.82     | 0.87     | 0.48     |  |
|                             | B-1m  | 0.41            | 0.68     | 0.41     | 0.33     | 0.51     | 0.56     | 1.06     | 0.80     | 1.24     | 0.71     | 1.00     | 0.92     | 1.57     | 0.83     | 1.34     | 0.39     | 1.05     | 0.99     | 1.20     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年5月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度   | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度   | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 2               | 2        | 2        | 2        | 2        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 1        | 1        | 1        | 2        | 2        | 2        |  |
| 時刻                          |      | 8:40            | 9:10     | 10:20    | 11:20    | 14:35    | 13:25    | 11:15    | 10:25    | 10:10    | 9:40     | 9:30     | 9:10     | 11:50    | 11:55    | 10:45    | 8:30     | 11:35    | 12:00    | 10:55    |  |
| 天候                          |      | B               | B        | B        | B        | B        | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | B        | Bc       | Bc       | Bc       | B        | B        | B        | B        |  |
| 気温 (°C)                     |      | 16.1            | 16.1     | 18.1     | 19.1     | 16.5     | 17.2     | 17.1     | 17.1     | 17.9     | 18.3     | 17.9     | 17.9     | 18.5     | 18.1     | 18.7     | 18.6     | 17.9     | 17.9     | 20.3     |  |
| 雲形                          |      |                 |          |          | St       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       |          |          |          |  |
| 雲量                          |      | 0               | 0        | 0        | 0        | 1        | 6        | 5        | 6        | 6        | 5        | 4        | 3        | 0        | 7        | 5        | 3        | 0        | 0        | 0        |  |
| 風向                          |      | SSE             | SW       | SW       | SW       | SSW      | SSE      | SSW      | SSW      | WNW      | WSW      | SSE      | SW       | SW       | SW       | SSW      | SW       | SW       | SW       | SW       |  |
| 風力                          |      | 1               | 4        | 3        | 0        | 5        | 4        | 3        | 3        | 2        | 0        | 2        | 3        | 4        | 3        | 3        | 1        | 4        | 5        | 3        |  |
| 波浪                          |      | 1               | 2        | 2        | 1        | 2        | 2        | 2        | 2        | 2        | 1        | 2        | 2        | 1        | 1        | 2        | 1        | 2        | 2        | 1        |  |
| うねり                         |      | 0               | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 1        | 1        | 0        |  |
| 透明度 (m)                     |      | 3.7             | 5.7      | 4.8      | 6.2      | 5.6      | 7        | 6.8      | 5.9      | 5.6      | 4.3      | 6        | 5.3      | 3.5      | 6.2      | 8.8      | 5.5      | 4.6      | 5.2      | 3        |  |
| 水色                          |      | 8               | 7        | 7        | 7        | 7        | 5        | 6        | 6        | 7        | 8        | 7        | 7        | 8        | 7        | 6        | 7        | 7        | 8        | 9        |  |
| 水深 (m)                      |      | 12              | 34       | 22       | 21.5     | 39       | 33       | 33.5     | 19       | 15       | 13.5     | 20       | 23       | 7        | 16       | 22       | 10.5     | 15       | 8.5      | 16.5     |  |
| 水温 (°C)                     | 0 m  | 13.78           | 13.93    | 14.31    | 15.26    | 13.54    | 15.46    | 14.63    | 16.30    | 15.84    | 16.06    | 16.24    | 15.76    | 16.09    | 16.47    | 16.79    | 15.30    | 15.66    | 16.86    | 16.61    |  |
|                             | 2 m  | 13.61           | 13.74    | 14.28    | 14.86    | 13.45    | 14.86    | 14.40    | 15.04    | 15.52    | 15.24    | 15.19    | 15.51    | 15.08    | 14.98    | 16.01    | 14.36    | 15.13    | 16.65    | 16.26    |  |
|                             | 5 m  | 13.49           | 13.53    | 14.27    | 14.65    | 13.42    | 13.90    | 14.18    | 13.78    | 14.00    | 14.03    | 14.19    | 14.71    | 14.62    | 13.00    | 13.80    | 13.85    | 14.74    | 15.43    | 15.81    |  |
|                             | 10 m | 13.46           | 13.43    | 14.27    | 14.59    | 13.37    | 13.81    | 13.16    | 12.94    | 12.76    | 13.18    | 13.07    | 13.18    |          | 12.67    | 13.13    |          | 14.35    |          | 15.63    |  |
|                             | 20 m |                 | 13.39    | 14.28    | 14.09    | 13.37    | 13.46    | 12.86    |          |          |          |          | 12.45    |          |          | 12.30    |          |          |          |          |  |
|                             | 30 m |                 | 13.39    |          |          | 13.38    | 12.75    | 12.85    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 13.46           | 13.38    | 14.28    | 14.09    | 13.36    | 12.64    | 12.85    | 12.89    | 12.55    | 12.81    | 12.52    | 12.36    | 14.62    | 12.47    | 12.25    | 13.75    | 13.89    | 15.01    | 15.07    |  |
| DO (mg/l)                   | 0 m  | 8.87            | 8.86     | 8.69     | 8.62     | 8.89     | 9.33     | 9.16     | 9.58     | 9.25     | 9.19     | 9.36     | 9.49     | 8.52     | 8.65     | 8.84     | 8.30     | 8.40     | 8.37     | 8.59     |  |
|                             | 5 m  | 8.75            | 8.82     | 8.71     | 8.47     | 8.92     | 9.29     | 9.02     | 9.43     | 9.13     | 9.18     | 9.12     | 9.58     | 8.37     | 8.71     | 8.85     | 8.51     | 8.81     | 8.79     | 8.63     |  |
|                             | 10 m | 8.71            | 8.79     | 8.70     | 8.44     | 8.84     | 9.34     | 8.94     | 9.01     | 8.20     | 8.72     | 9.03     | 8.99     |          | 8.96     | 8.79     |          | 9.04     |          | 8.61     |  |
|                             | 20 m |                 | 8.88     |          |          | 8.83     | 9.38     | 8.72     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 | 8.70     |          |          |          | 9.18     | 8.51     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 8.65            | 8.58     | 8.57     | 8.27     | 8.68     | 8.75     | 8.50     | 8.46     | 7.67     | 8.06     | 7.97     | 7.39     | 8.26     | 8.00     | 8.45     | 8.36     | 8.43     | 8.15     | 8.55     |  |
| 塩分 (psu)                    | 0 m  | 32.94           | 33.13    | 32.83    | 32.54    | 33.01    | 32.05    | 32.36    | 30.51    | 29.78    | 28.81    | 29.69    | 31.99    | 32.27    | 31.11    | 32.10    | 32.90    | 32.54    | 31.73    | 32.51    |  |
|                             | 2 m  | 33.02           | 33.05    | 32.84    | 32.53    | 33.10    | 32.34    | 32.41    | 31.19    | 30.60    | 30.70    | 31.58    | 31.99    | 32.39    | 31.34    | 31.97    | 32.91    | 32.54    | 31.80    | 32.52    |  |
|                             | 5 m  | 33.04           | 33.05    | 32.84    | 32.56    | 33.13    | 32.92    | 32.41    | 32.24    | 32.06    | 32.16    | 32.29    | 32.03    | 32.54    | 32.45    | 32.49    | 32.97    | 32.60    | 32.05    | 32.54    |  |
|                             | 10 m | 33.05           | 33.07    | 32.85    | 32.58    | 33.13    | 32.94    | 32.70    | 32.66    | 32.55    | 32.44    | 32.55    | 32.56    |          | 32.60    | 32.71    |          | 32.66    |          | 32.56    |  |
|                             | 20 m |                 | 33.08    | 32.84    | 32.65    | 33.13    | 32.99    | 32.82    |          |          |          |          | 32.69    |          |          | 32.75    |          |          |          |          |  |
|                             | 30 m |                 | 33.07    |          |          | 33.11    | 32.99    | 32.81    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 33.04           | 33.06    | 32.84    | 32.66    | 33.11    | 33.04    | 32.81    | 32.83    | 32.62    | 32.58    | 32.72    | 32.68    | 32.52    | 32.71    | 32.78    | 32.96    | 32.72    | 32.22    | 32.61    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 2.16            | 0.59     | 0.85     | 0.62     | 1.03     | 1.26     | 0.77     | 1.41     | 6.65     | 11.25    | 1.96     | 1.91     | 1.45     | 2.97     | 1.72     | 4.24     | 1.48     | 14.80    | 1.53     |  |
|                             | 5 m  | 0.21            | 0.60     | 0.73     | 0.87     | 1.07     | 0.76     | 0.95     | 1.02     | 1.16     | 0.90     | 1.64     | 1.35     | 1.13     | 0.89     | 0.99     | 1.41     | 1.28     | 3.74     | 1.67     |  |
|                             | B-1m | 0.42            | 1.18     | 1.04     | 0.66     | 0.97     | 0.94     | 1.56     | 1.38     | 1.41     | 1.56     | 2.12     | 2.57     | 1.04     | 1.65     | 1.27     | 1.22     | 1.16     | 3.63     | 1.63     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.20            | 0.10     | 0.07     | 0.08     | 0.10     | 0.10     | 0.04     | 0.17     | 1.33     | 0.45     | 0.26     | 0.15     | 0.11     | 0.14     | 0.13     | 0.16     | 0.11     | 0.42     | 0.12     |  |
|                             | 5 m  | 0.04            | 0.05     | 0.07     | 0.08     | 0.08     | 0.04     | 0.07     | 0.06     | 0.09     | 0.08     | 0.11     | 0.11     | 0.07     | 0.05     | 0.09     | 0.15     | 0.09     | 0.20     | 0.12     |  |
|                             | B-1m | 0.06            | 0.06     | 0.09     | 0.06     | 0.08     | 0.06     | 0.09     | 0.06     | 0.09     | 0.08     | 0.13     | 0.13     | 0.07     | 0.08     | 0.09     | 0.09     | 0.08     | 0.16     | 0.13     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 1.94            | 0.14     | 0.04     | 0.00     | 0.07     | 0.08     | 0.08     | 0.18     | 2.75     | 17.16    | 4.15     | 0.20     | 0.00     | 0.43     | 0.19     | 0.87     | 0.07     | 1.70     | 0.04     |  |
|                             | 5 m  | 0.15            | 0.09     | 0.03     | 0.04     | 0.42     | 0.00     | 0.00     | 0.02     | 0.10     | 0.34     | 0.09     | 0.10     | 0.00     | 0.11     | 0.02     | 0.20     | 0.00     | 0.59     | 0.01     |  |
|                             | B-1m | 0.26            | 0.21     | 0.22     | 0.00     | 0.07     | 0.01     | 0.15     | 0.08     | 0.01     | 0.22     | 0.10     | 0.17     | 0.00     | 0.09     | 0.01     | 0.32     | 0.00     | 0.30     | 0.04     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.22            | 0.23     | 0.31     | 0.17     | 0.24     | 0.11     | 0.13     | 0.07     | 0.19     | 0.63     | 0.21     | 0.04     | 0.16     | 0.34     | 0.10     | 0.42     | 0.14     | 0.21     | 0.29     |  |
|                             | 5 m  | 0.22            | 0.24     | 0.20     | 0.17     | 0.35     | 0.17     | 0.25     | 0.21     | 0.16     | 0.11     | 0.13     | 0.04     | 0.18     | 0.51     | 0.23     | 0.27     | 0.19     | 0.09     | 0.24     |  |
|                             | B-1m | 0.25            | 0.25     | 0.24     | 0.22     | 0.27     | 0.24     | 0.30     | 0.31     | 0.40     | 0.32     | 0.39     | 0.54     | 0.19     | 0.42     | 0.39     | 0.33     | 0.24     | 0.21     | 0.21     |  |
| クロロフィル (μg/l)               | 0 m  | 1.06            | 1.25     | 1.60     | 1.29     | 1.95     | 1.96     | 1.96     | 3.42     | 2.87     | 3.06     | 4.65     | 2.86     | 3.15     | 2.25     | 0.91     | 0.99     | 2.12     | 2.16     | 2.16     |  |
|                             | 5 m  | 2.21            | 1.87     | 1.62     | 2.52     | 1.65     | 1.22     | 1.22     | 2.10     | 1.79     | 2.84     | 2.39     | 2.61     | 3.29     | 1.80     | 1.50     | 1.22     | 2.28     | 3.15     | 2.34     |  |
|                             | B-1m | 2.03            | 2.00     | 1.58     | 3.47     | 1.71     | 2.37     | 2.37     | 2.16     | 3.31     | 2.31     | 1.98     | 1.91     | 2.86     | 1.93     | 3.27     | 1.51     | 4.24     | 2.74     | 1.77     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.25            | 0.24     | 0.41     | 0.22     | 0.43     | 0.31     | 0.31     | 0.48     | 0.59     | 0.62     | 0.69     | 0.42     | 0.45     | 0.40     | 0.18     | 0.30     | 0.25     | 0.58     | 0.34     |  |
|                             | 5 m  | 0.42            | 0.31     | 0.43     | 0.38     | 0.35     | 0.19     | 0.19     | 0.31     | 0.37     | 0.66     | 0.37     | 0.49     | 0.58     | 0.44     | 0.30     | 0.43     | 0.28     | 0.56     | 0.42     |  |
|                             | B-1m | 0.49            | 0.46     | 0.43     | 0.59     | 0.39     | 0.42     | 0.42     | 0.44     | 1.12     | 0.74     | 0.46     | 0.40     | 0.78     | 0.67     | 0.61     | 0.52     | 0.67     | 0.74     | 0.84     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年6月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度   | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度   | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 3               | 3        | 3        | 3        | 3        | 2        | 2        | 2        | 2        | 2        | 2        | 3        | 2        | 2        | 2        | 3        | 3        | 3        | 3        |  |
| 時刻                          |      | 8:45            | 9:15     | 10:15    | 11:40    | 15:05    | 14:05    | 11:30    | 10:25    | 10:00    | 9:35     | 9:25     | 9:00     | 13:15    | 12:55    | 10:55    | 8:30     | 11:55    | 13:05    | 11:00    |  |
| 天候                          |      | O               | O        | O        | O        | O        | O        | O        | O        | O        | O        | O        | R        | O        | O        | O        | O        | R        | O        |          |  |
| 気温 (°C)                     |      | 20.7            | 21.1     | 23.5     | 22.1     | 22.2     | 21.9     | 23.8     | 23.5     | 23       | 23.3     | 23.9     | 23.5     | 23.1     | 23.9     | 25.1     | 23.6     | 22.7     | 22.4     | 24.9     |  |
| 雲形                          |      | As              | As       | As       | As       | As       | As       | As       | Ac       | Ac       | Ac       | Ac       | As       | As       | Ac       | Ac       | As       | As       | As       |          |  |
| 雲量                          |      | 10              | 9        | 10       | 10       | 10       | 10       | 9        | 10       | 10       | 9        | 9        | 9        | 10       | 10       | 10       | 9        | 10       | 10       | 10       |  |
| 風向                          |      | E               | E        | E        | E        | ESE      | WSW      | WSW      | WNW      | SW       | SSW      | SW       | N        | E        | S        | N        | NNW      | ENE      | SE       | ESE      |  |
| 風力                          |      | 3               | 0        | 4        | 4        | 2        | 3        | 2        | 0        | 1        | 0        | 0        | 0        | 1        | 4        | 0        | 0        | 3        | 2        | 2        |  |
| 波浪                          |      | 1               | 1        | 2        | 2        | 1        | 3        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 1        | 0        | 2        | 2        | 1        |  |
| うねり                         |      | 0               | 0        | 1        | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 1        | 1        | 0        |  |
| 透明度 (m)                     |      | 4.2             | 6.8      | 4.4      | 3.9      | 6.9      | 4.9      | 3.5      | 3.7      | 3        | 1.7      | 3        | 4        | 2.1      | 3.8      | 7        | 4.8      | 3.9      | 2.6      | 4        |  |
| 水色                          |      | 7               | 6        | 7        | 7        | 6        | 7        | 7        | 7        | 7        | 16       | 7        | 7        | 9        | 7        | 6        | 7        | 7        | 9        | 8        |  |
| 水深 (m)                      |      | 11.5            | 31       | 18       | 20.5     | 35       | 32       | 37.5     | 18.5     | 14       | 13       | 19       | 22       | 7        | 14       | 21.5     | 9.5      | 14.5     | 8        | 17       |  |
| 水温 (°C)                     | 0 m  | 18.07           | 17.13    | 19.39    | 20.76    | 16.88    | 20.27    | 22.11    | 21.14    | 21.55    | 21.70    | 21.49    | 20.19    | 21.45    | 21.03    | 22.28    | 18.61    | 20.94    | 20.44    | 21.03    |  |
|                             | 2 m  | 17.61           | 16.97    | 19.06    | 20.66    | 16.62    | 19.87    | 19.49    | 20.44    | 20.64    | 19.66    | 20.21    | 19.66    | 21.47    | 18.20    | 20.87    | 17.76    | 20.90    | 20.23    | 20.72    |  |
|                             | 5 m  | 16.81           | 16.84    | 18.98    | 20.64    | 16.62    | 18.29    | 17.03    | 17.13    | 18.04    | 17.41    | 18.51    | 18.49    | 21.01    | 16.79    | 19.02    | 17.31    | 20.79    | 20.14    | 20.65    |  |
|                             | 10 m | 16.74           | 16.81    | 18.93    | 20.32    | 16.62    | 17.36    | 16.04    | 15.92    | 15.71    | 16.07    | 16.26    | 16.92    |          | 16.04    | 16.33    |          | 19.53    |          | 20.40    |  |
|                             | 20 m |                 | 16.72    |          |          | 16.43    | 16.08    | 15.69    |          |          |          |          | 15.01    |          |          | 15.07    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 16.43    | 14.88    | 15.62    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 16.75           | 16.71    | 18.59    | 18.96    | 16.43    | 14.86    | 15.60    | 15.53    | 15.38    | 15.94    | 15.12    | 14.80    | 20.00    | 15.43    | 15.01    | 17.13    | 18.74    | 20.12    | 19.64    |  |
| DO (mg/l)                   | 0 m  | 8.12            | 8.35     | 7.78     | 8.31     | 8.27     | 9.21     | 10.07    | 9.29     | 9.54     | 12.59    | 10.32    | 9.35     | 8.90     | 8.95     | 7.83     | 7.79     | 8.57     | 7.70     | 7.63     |  |
|                             | 5 m  | 8.24            | 8.33     | 7.89     | 8.54     | 8.09     | 8.86     | 9.14     | 8.34     | 9.09     | 8.57     | 9.32     | 8.95     | 8.45     | 8.22     | 7.71     | 8.14     | 8.39     | 7.54     | 7.55     |  |
|                             | 10 m | 8.21            | 8.22     | 7.90     | 8.20     | 8.34     | 9.20     | 8.26     | 7.75     | 6.95     | 7.21     | 8.17     | 8.24     |          | 8.63     | 8.05     |          | 7.55     |          | 7.51     |  |
|                             | 20 m |                 | 8.18     |          |          | 8.21     | 8.93     | 8.07     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 8.32     | 8.54     | 7.90     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 8.15            | 8.13     | 7.95     | 6.96     | 8.16     | 7.55     | 7.75     | 6.94     | 5.86     | 7.12     | 6.21     | 5.79     | 7.58     | 7.14     | 7.52     | 7.86     | 6.67     | 7.30     | 7.41     |  |
| 塩分 (psu)                    | 0 m  | 32.59           | 33.12    | 32.72    | 32.29    | 33.18    | 32.60    | 30.24    | 30.52    | 29.58    | 29.45    | 30.20    | 32.09    | 32.11    | 31.87    | 32.11    | 33.00    | 32.37    | 32.25    | 32.80    |  |
|                             | 2 m  | 32.75           | 33.06    | 32.82    | 32.29    | 33.11    | 32.64    | 31.38    | 30.91    | 30.97    | 31.05    | 31.27    | 32.08    | 32.10    | 32.01    | 32.07    | 32.94    | 32.37    | 32.26    | 32.62    |  |
|                             | 5 m  | 33.03           | 33.07    | 32.83    | 32.30    | 33.11    | 32.82    | 32.45    | 32.29    | 31.86    | 32.03    | 31.94    | 32.29    | 32.10    | 32.48    | 32.30    | 32.96    | 32.37    | 32.28    | 32.64    |  |
|                             | 10 m | 33.04           | 33.06    | 32.82    | 32.36    | 33.11    | 33.01    | 32.73    | 32.65    | 32.53    | 32.51    | 32.55    | 32.54    |          | 32.66    | 32.68    |          | 32.39    |          | 32.64    |  |
|                             | 20 m |                 | 33.07    |          |          | 33.14    | 33.07    | 32.87    |          |          |          |          | 32.63    |          |          | 32.73    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 33.14    | 32.98    | 32.87    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 33.03           | 33.06    | 32.86    | 32.54    | 33.14    | 32.98    | 32.87    | 32.81    | 32.59    | 32.51    | 32.71    | 32.68    | 32.13    | 32.71    | 32.74    | 32.98    | 32.49    | 32.27    | 32.71    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.57            | 0.25     | 0.65     | 0.35     | 0.32     | 0.31     | 0.74     | 0.48     | 0.50     | 0.67     | 0.11     | 1.00     | 0.49     | 0.76     | 0.08     | 2.59     | 0.51     | 0.40     | 0.94     |  |
|                             | 5 m  | 0.66            | 0.45     | 0.51     | 0.65     | 0.53     | 0.29     | 0.42     | 0.48     | 0.50     | 0.38     | 0.54     | 0.31     | 0.60     | 0.33     | 1.88     | 0.78     | 0.67     | 0.66     | 0.58     |  |
|                             | B-1m | 0.51            | 0.60     | 0.51     | 1.21     | 0.54     | 0.84     | 1.01     | 1.54     | 0.71     | 0.63     | 0.97     | 2.26     | 1.36     | 0.81     | 0.99     | 1.39     | 1.32     | 0.93     | 1.07     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.11            | 0.04     | 0.05     | 0.02     | 0.07     | 0.01     | 0.04     | 0.09     | 0.36     | 0.41     | 0.13     | 0.08     | 0.06     | 0.05     | 0.01     | 0.08     | 0.05     | 0.05     | 0.10     |  |
|                             | 5 m  | 0.05            | 0.03     | 0.02     | 0.03     | 0.05     | 0.00     | 0.02     | 0.01     | 0.01     | 0.03     | 0.04     | 0.02     | 0.07     | 0.01     | 0.11     | 0.03     | 0.03     | 0.04     | 0.04     |  |
|                             | B-1m | 0.06            | 0.04     | 0.02     | 0.06     | 0.06     | 0.06     | 0.05     | 0.08     | 0.04     | 0.04     | 0.06     | 0.12     | 0.11     | 0.06     | 0.03     | 0.05     | 0.04     | 0.05     | 0.05     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 0.49            | 0.15     | 0.22     | 0.00     | 0.11     | 0.08     | 0.03     | 0.04     | 0.49     | 5.54     | 0.31     | 0.17     | 0.01     | 0.18     | 0.02     | 1.07     | 0.02     | 0.11     | 0.18     |  |
|                             | 5 m  | 0.11            | 0.05     | 0.09     | 0.00     | 0.09     | 0.06     | 0.02     | 0.00     | 0.00     | 0.04     | 0.04     | 0.10     | 0.06     | 0.00     | 0.23     | 0.79     | 0.04     | 0.07     | 0.04     |  |
|                             | B-1m | 0.13            | 0.09     | 0.14     | 0.08     | 0.07     | 0.11     | 0.25     | 0.35     | 0.00     | 0.02     | 0.12     | 0.26     | 0.05     | 0.08     | 0.10     | 0.74     | 0.02     | 0.15     | 0.12     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.09            | 0.32     | 0.24     | 0.03     | 0.19     | 0.09     | 0.27     | 0.05     | 0.00     | 0.00     | 0.00     | 0.11     | 0.11     | 0.43     | 0.00     | 0.26     | 0.05     | 0.09     | 0.20     |  |
|                             | 5 m  | 0.21            | 0.18     | 0.18     | 0.09     | 0.20     | 0.09     | 0.11     | 0.16     | 0.00     | 0.00     | 0.00     | 0.05     | 0.20     | 0.17     | 0.10     | 0.18     | 0.06     | 0.09     | 0.21     |  |
|                             | B-1m | 0.23            | 0.20     | 0.17     | 0.24     | 0.20     | 0.39     | 0.30     | 0.43     | 0.31     | 0.25     | 0.41     | 0.62     | 0.13     | 0.35     | 0.26     | 0.27     | 0.16     | 0.13     | 0.30     |  |
| クロロフィル (μg/l)               | 0 m  | 1.90            | 1.32     | 1.86     | 8.79     | 1.47     | 3.06     | 3.70     | 9.13     | 8.92     | 24.05    | 6.28     | 6.94     | 12.29    | 4.79     | 1.31     | 1.24     | 7.28     | 6.11     | 2.57     |  |
|                             | 5 m  | 1.54            | 1.54     | 2.30     | 9.50     | 1.49     | 1.88     | 2.97     | 3.41     | 3.31     | 6.51     | 2.94     | 2.91     | 11.35    | 3.27     | 0.81     | 1.59     | 7.71     | 5.56     | 2.48     |  |
|                             | B-1m | 1.22            | 1.44     | 2.11     | 3.92     | 1.40     | 1.29     | 1.70     | 1.60     | 3.46     | 3.18     | 1.62     | 1.77     | 6.34     | 1.91     | 2.53     | 1.28     | 3.34     | 5.00     | 2.08     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.38            | 0.27     | 0.29     | 0.75     | 0.28     | 0.25     | 0.42     | 1.55     | 0.95     | 5.29     | 0.95     | 0.54     | 1.36     | 0.59     | 0.47     | 0.24     | 0.76     | 0.95     | 0.50     |  |
|                             | 5 m  | 0.27            | 0.34     | 0.28     | 0.88     | 0.27     | 0.19     | 0.39     | 0.50     | 0.47     | 0.76     | 0.39     | 0.50     | 1.33     | 0.49     | 0.20     | 0.37     | 0.61     | 1.04     | 0.55     |  |
|                             | B-1m | 0.38            | 0.58     | 0.41     | 0.49     | 0.31     | 0.20     | 0.39     | 0.42     | 0.78     | 0.70     | 0.68     | 0.80     | 0.90     | 0.52     | 1.76     | 0.51     | 0.69     | 1.28     | 0.89     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年7月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 2               | 2        | 2        | 2        | 2        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 1        | 1        | 1        | 2        | 2        | 2        |  |
| 時刻                          |      | 8:45            | 9:10     | 10:15    | 11:35    | 15:05    | 13:30    | 11:00    | 10:10    | 10:00    | 9:30     | 9:15     | 8:55     | 12:05    | 11:45    | 10:30    | 8:30     | 11:50    | 13:00    | 11:00    |  |
| 天候                          |      | O               | O        | C        | C        | O        | B        | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | Bc       | C        | C        |  |
| 気温 (°C)                     |      | 21.9            | 22.1     | 25.1     | 26.1     | 22.7     | 24.3     | 24.9     | 24.2     | 25.1     | 23.9     | 24.3     | 24.7     | 27.6     | 24.2     | 26.3     | 23.4     | 27.3     | 26.3     | 24.8     |  |
| 雲形                          |      | Cs              | Cs       | Cs       | Cs       | Cs       | Cu       | Cu       | Cu       | Cu       | Sc       | Sc       | Ac       | Cs       | Cu       | Cu       | Cu       | Cs       | Cs       | Cs       |  |
| 雲量                          |      | 10              | 10       | 9        | 8        | 10       | 2        | 4        | 3        | 3        | 4        | 4        | 4        | 6        | 4        | 4        | 5        | 7        | 9        | 9        |  |
| 風向                          |      | W               | SSW      | S        | WNW      | S        | SSW      | WSW      | WNW      | NW       | S        | WSW      | W        | SE       | SSW      | NNW      | SE       | W        | SSW      | SSW      |  |
| 風力                          |      | 0               | 0        | 1        | 2        | 1        | 2        | 2        | 2        | 2        | 2        | 0        | 0        | 0        | 3        | 0        | 2        | 0        | 0        | 3        |  |
| 波浪                          |      | 0               | 0        | 0        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 0        | 0        | 0        | 1        | 2        |  |
| うねり                         |      | 0               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |  |
| 透明度 (m)                     |      | 3.4             | 5.8      | 4        | 2.9      | 6.1      | 6.2      | 4.1      | 4.2      | 3.1      | 2.5      | 3.3      | 4.3      | 2.4      | 5.3      | 5.9      | 4.4      | 2.9      | 2.5      | 2.1      |  |
| 水色                          |      | 7               | 6        | 7        | 8        | 6        | 6        | 7        | 7        | 8        | 9        | 8        | 7        | 9        | 6        | 6        | 7        | 8        | 9        | 9        |  |
| 水深 (m)                      |      | 11.5            | 30       | 19.5     | 19.5     | 30       | 33.5     | 38       | 18.5     | 14       | 13       | 19.5     | 22       | 7        | 16       | 21.5     | 9.5      | 15       | 5.5      | 16       |  |
| 水温 (°C)                     | 0 m  | 20.47           | 20.38    | 21.92    | 23.51    | 20.66    | 22.95    | 23.55    | 23.35    | 23.24    | 23.43    | 22.90    | 22.45    | 24.86    | 23.05    | 24.27    | 20.97    | 24.53    | 23.02    | 23.33    |  |
|                             | 2 m  | 20.10           | 19.88    | 21.76    | 23.01    | 19.82    | 22.53    | 20.62    | 22.71    | 22.39    | 21.85    | 22.40    | 21.29    | 24.41    | 22.09    | 22.11    | 20.29    | 23.55    | 23.01    | 23.02    |  |
|                             | 5 m  | 19.73           | 19.86    | 21.54    | 22.57    | 19.73    | 20.90    | 19.07    | 19.34    | 19.70    | 19.60    | 20.66    | 19.51    | 22.57    | 19.80    | 20.71    | 19.99    | 21.96    |          | 22.98    |  |
|                             | 10 m | 19.63           | 19.82    | 21.53    | 22.21    | 19.31    | 19.51    | 18.41    | 18.93    | 18.15    | 18.47    | 18.71    | 18.81    |          | 18.59    | 18.75    |          | 21.71    |          | 22.77    |  |
|                             | 20 m |                 | 19.60    |          |          | 19.31    | 18.65    | 18.18    |          |          |          |          | 16.99    |          |          | 17.42    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          |          | 18.02    | 18.09    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 19.63           | 19.61    | 21.42    | 22.09    | 19.19    | 17.83    | 18.03    | 17.88    | 17.68    | 18.29    | 17.44    | 16.93    | 21.74    | 18.08    | 17.33    | 19.83    | 21.10    | 22.59    | 22.17    |  |
| DO (mg/l)                   | 0 m  | 7.84            | 7.59     | 7.23     | 8.13     | 7.68     | 7.93     | 8.94     | 9.28     | 9.64     | 9.37     | 8.98     | 8.99     | 9.03     | 7.43     | 8.09     | 7.18     | 8.15     | 8.32     | 6.90     |  |
|                             | 5 m  | 7.64            | 7.56     | 7.32     | 7.34     | 7.64     | 8.21     | 7.67     | 7.81     | 9.54     | 7.29     | 8.65     | 8.14     | 7.12     | 7.04     | 7.97     | 7.27     | 6.69     | 7.38     | 6.94     |  |
|                             | 10 m | 7.44            | 7.53     | 7.12     | 6.95     | 7.61     | 8.18     | 6.76     | 7.14     | 7.97     |          | 7.06     | 7.05     |          | 7.55     | 7.00     |          | 6.71     |          | 7.07     |  |
|                             | 20 m |                 | 7.52     |          |          | 8.10     | 7.72     | 7.41     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 7.51     | 7.51     | 6.37     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 7.39            | 7.46     | 7.22     | 6.33     | 7.35     | 6.80     | 6.08     | 5.66     | 3.07     | 6.05     | 4.33     | 3.66     | 5.74     | 5.84     | 6.63     | 6.52     | 6.32     | 7.66     | 6.85     |  |
| 塩分 (psu)                    | 0 m  | 32.78           | 32.97    | 32.62    | 32.14    | 33.04    | 32.67    | 30.60    | 30.31    | 30.01    | 28.80    | 30.21    | 31.68    | 31.50    | 31.49    | 31.95    | 32.77    | 32.09    | 32.14    | 32.38    |  |
|                             | 2 m  | 32.79           | 32.91    | 32.60    | 32.20    | 32.99    | 32.56    | 31.97    | 30.71    | 30.82    | 30.97    | 31.31    | 31.93    | 31.58    | 31.34    | 32.03    | 32.79    | 32.06    | 32.22    | 32.37    |  |
|                             | 5 m  | 32.90           | 32.91    | 32.65    | 32.34    | 33.01    | 32.74    | 32.54    | 32.43    | 32.07    | 31.99    | 31.99    | 32.38    | 32.05    | 32.14    | 32.31    | 32.82    | 32.33    |          | 32.38    |  |
|                             | 10 m | 32.92           | 32.92    | 32.65    | 32.46    | 33.02    | 32.89    | 32.73    | 32.50    | 32.51    | 32.42    | 32.41    | 32.48    |          | 32.59    | 32.64    |          | 32.40    |          | 32.44    |  |
|                             | 20 m |                 | 32.94    |          |          | 33.01    | 32.95    | 32.77    |          |          |          |          | 32.61    |          |          | 32.69    |          |          |          |          |  |
|                             | 30 m |                 |          |          |          |          | 32.98    | 32.76    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 32.92           | 32.92    | 32.67    | 32.47    | 33.02    | 32.97    | 32.75    | 32.75    | 32.53    | 32.47    | 32.66    | 32.63    | 32.31    | 32.72    | 32.66    | 32.84    | 32.52    | 32.23    | 32.52    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.17            | 0.22     | 0.39     | 0.64     | 0.35     | 0.85     | 0.76     | 0.75     | 0.73     | 2.34     | 0.56     | 1.09     | 1.08     | 0.97     | 0.52     | 0.67     | 0.90     | 3.40     | 1.18     |  |
|                             | 5 m  | 0.55            | 0.80     | 0.40     | 0.71     | 0.30     | 0.73     | 0.66     | 0.67     | 0.64     | 0.57     | 0.84     | 1.16     | 1.14     | 0.66     | 0.91     | 0.87     | 1.06     | 1.43     | 1.14     |  |
|                             | B-1m | 0.43            | 0.72     | 0.41     | 0.50     | 0.30     | 1.60     | 0.94     | 0.99     | 1.09     | 0.69     | 0.81     | 1.05     | 1.35     | 0.91     | 1.46     | 1.38     | 1.08     | 1.46     | 1.40     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.07            | 0.39     | 0.15     | 0.07     | 0.45     | 0.05     | 0.05     | 0.09     | 0.20     | 0.46     | 0.08     | 0.13     | 0.10     | 0.09     | 0.06     | 0.13     | 0.05     | 0.33     | 0.14     |  |
|                             | 5 m  | 0.43            | 0.36     | 0.14     | 0.08     | 0.51     | 0.04     | 0.08     | 0.06     | 0.05     | 0.07     | 0.06     | 0.04     | 0.07     | 0.04     | 0.06     | 0.09     | 0.06     | 0.06     | 0.09     |  |
|                             | B-1m | 0.51            | 0.50     | 0.19     | 0.06     | 0.77     | 0.48     | 0.45     | 0.27     | 0.13     | 0.08     | 0.13     | 0.11     | 0.07     | 0.14     | 0.08     | 0.29     | 0.08     | 0.06     | 0.10     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 0.14            | 0.55     | 0.27     | 0.03     | 0.37     | 0.06     | 0.10     | 0.11     | 0.13     | 15.64    | 0.07     | 0.29     | 0.08     | 0.15     | 0.08     | 1.72     | 0.01     | 0.86     | 0.24     |  |
|                             | 5 m  | 0.38            | 0.43     | 0.44     | 0.07     | 0.39     | 0.00     | 0.01     | 0.06     | 0.02     | 0.13     | 0.01     | 0.02     | 0.05     | 0.01     | 0.10     | 1.56     | 0.03     | 0.05     | 0.12     |  |
|                             | B-1m | 1.09            | 0.45     | 0.55     | 0.07     | 0.66     | 0.39     | 0.37     | 0.18     | 0.08     | 0.13     | 0.04     | 0.02     | 0.09     | 0.15     | 0.15     | 0.57     | 0.03     | 0.09     | 0.21     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.23            | 0.30     | 0.27     | 0.12     | 0.34     | 0.14     | 0.07     | 0.06     | 0.05     | 0.21     | 0.13     | 0.00     | 0.08     | 0.28     | 0.07     | 0.62     | 0.02     | 0.06     | 0.35     |  |
|                             | 5 m  | 0.33            | 0.27     | 0.26     | 0.21     | 0.27     | 0.17     | 0.28     | 0.25     | 0.07     | 0.17     | 0.09     | 0.16     | 0.18     | 0.25     | 0.15     | 0.38     | 0.15     | 0.17     | 0.32     |  |
|                             | B-1m | 0.33            | 0.30     | 0.28     | 0.30     | 0.29     | 0.53     | 0.51     | 0.32     | 0.82     | 0.39     | 0.53     | 0.90     | 0.32     | 0.48     | 0.36     | 0.49     | 0.28     | 0.17     | 0.36     |  |
| クロロフィル (μg/l)               | 0 m  | 2.33            | 1.44     | 2.13     | 3.10     | 2.13     | 1.20     | 2.09     | 3.27     | 5.32     | 9.24     | 8.90     | 3.27     | 4.83     | 2.52     | 2.41     | 1.72     | 1.97     | 5.94     | 2.75     |  |
|                             | 5 m  | 1.54            | 1.57     | 2.30     | 4.23     | 1.60     | 1.17     | 3.37     | 5.32     | 5.33     | 6.38     | 4.83     | 3.36     | 6.65     | 5.06     | 2.51     | 2.59     | 6.67     | 4.53     | 3.37     |  |
|                             | B-1m | 1.95            | 1.22     | 2.25     | 5.30     | 2.51     | 1.57     | 1.46     | 1.64     | 2.58     | 3.44     | 3.45     | 2.34     | 4.04     | 2.84     | 2.09     | 2.74     | 4.53     | 5.11     | 3.10     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.40            | 0.26     | 0.40     | 0.83     | 0.40     | 0.18     | 0.38     | 0.79     | 1.20     | 2.77     | 3.07     | 0.55     | 1.37     | 0.49     | 0.73     | 0.46     | 0.37     | 1.46     | 0.78     |  |
|                             | 5 m  | 0.27            | 0.31     | 0.40     | 0.74     | 0.36     | 0.18     | 0.56     | 0.86     | 0.88     | 1.31     | 0.76     | 0.61     | 1.05     | 0.91     | 0.52     | 0.68     | 1.01     | 1.15     | 0.86     |  |
|                             | B-1m | 0.54            | 0.40     | 0.68     | 1.00     | 1.93     | 0.61     | 0.43     | 0.64     | 0.75     | 0.81     | 0.59     | 0.53     | 1.16     | 0.63     | 0.51     | 0.66     | 0.73     | 1.20     | 0.84     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年8月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度   | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度   | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 5               | 5        | 5        | 5        | 5        | 4        | 4        | 4        | 4        | 4        | 4        | 4        | 5        | 4        | 4        | 4        | 5        | 5        | 5        |  |
| 時刻                          |      | 15:55           | 15:20    | 14:20    | 13:05    | 9:15     | 14:05    | 11:30    | 10:30    | 10:05    | 9:40     | 9:30     | 9:05     | 11:45    | 13:00    | 10:55    | 8:30     | 11:30    | 11:55    | 13:40    |  |
| 天候                          |      | R               | R        | O        | O        | Bc       | C        | C        | O        | O        | C        | C        | Bc       | O        | Bc       | C        | O        | O        | O        | O        |  |
| 気温 (°C)                     |      | 25.1            | 24.9     | 28.3     | 29.6     | 27       | 26.5     | 27.9     | 26.7     | 26.7     | 27.1     | 26.9     | 26.1     | 29.4     | 28.5     | 28       | 25.9     | 28.9     | 28.9     | 29.1     |  |
| 雲形                          |      | Ns              | Ns       | St       | St       | Ac       | Cu       | Ns       | Ns       | Ns       | Ns       | Ns       | Cu       | St       | Ns       | Ns       | Ns       | St       | St       | St       |  |
| 雲量                          |      | 10              | 10       | 10       | 10       | 4        | 8        | 9        | 10       | 10       | 9        | 8        | 7        | 10       | 7        | 9        | 10       | 10       | 10       | 10       |  |
| 風向                          |      | SE              | W        | NW       | E        | WNW      | SW       | SW       | SW       | WSW      | SW       | SSE      | SSW      | SE       | S        | SSE      | SW       | S        | SE       | WSW      |  |
| 風力                          |      | 0               | 3        | 3        | 0        | 3        | 4        | 4        | 4        | 3        | 3        | 3        | 3        | 2        | 4        | 3        | 0        | 2        | 2        | 4        |  |
| 波浪                          |      | 0               | 2        | 2        | 2        | 2        | 3        | 2        | 2        | 2        | 1        | 2        | 2        | 1        | 1        | 1        | 1        | 1        | 2        | 2        |  |
| うねり                         |      | 0               | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |  |
| 透明度 (m)                     |      | 4.2             | 6.7      | 6.1      | 2.7      | 8        | 8.8      | 3.5      | 3        | 2.7      | 2.2      | 4.1      | 3.6      | 1.8      | 2.7      | 4        | 5.8      | 2.3      | 1.4      | 2.8      |  |
| 水色                          |      | 8               | 6        | 6        | 8        | 7        | 6        | 8        | 7        | 8        | 7        | 7        | 7        | 18       | 8        | 6        | 7        | 9        | 18       | 8        |  |
| 水深 (m)                      |      | 12.5            | 30.5     | 20.5     | 19       | 28.5     | 33       | 32       | 17       | 13       | 12       | 18       | 20.5     | 5        | 15.5     | 17.5     | 9        | 13       | 6.5      | 14       |  |
| 水温 (°C)                     | 0 m  | 23.82           | 24.08    | 25.55    | 27.59    | 23.29    | 24.97    | 25.36    | 25.76    | 25.21    | 25.19    | 25.32    | 24.65    | 28.26    | 25.65    | 24.21    | 24.76    | 27.86    | 28.97    | 27.08    |  |
|                             | 2 m  | 23.54           | 24.00    | 25.49    | 27.05    | 23.02    | 24.84    | 25.20    | 25.58    | 25.24    | 24.80    | 25.15    | 24.17    | 26.94    | 25.36    | 22.88    | 24.10    | 27.06    | 27.96    | 26.97    |  |
|                             | 5 m  | 23.33           | 23.83    | 25.47    | 26.70    | 22.99    | 23.85    | 22.94    | 24.38    | 23.24    | 23.68    | 24.54    | 22.62    |          | 22.97    | 21.54    | 23.43    | 26.38    | 26.81    | 26.75    |  |
|                             | 10 m | 23.12           | 23.21    | 25.36    | 26.25    | 22.56    | 22.96    | 21.40    | 21.42    | 21.20    | 21.43    | 21.33    | 21.40    |          | 21.47    | 20.66    |          | 25.69    |          | 26.34    |  |
|                             | 20 m |                 | 23.06    |          |          | 22.52    | 21.66    | 20.86    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 20.78    | 20.44    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 23.11           | 23.02    | 25.36    | 25.95    | 22.50    | 20.49    | 20.43    | 20.38    | 20.75    | 21.26    | 20.12    | 19.50    | 26.44    | 20.58    | 20.05    | 23.22    | 24.94    | 26.60    | 26.18    |  |
| DO (mg/l)                   | 0 m  | 6.88            | 7.19     | 6.36     | 6.70     | 6.85     | 6.97     | 7.17     | 8.19     | 8.55     | 9.11     | 7.63     | 7.95     | 10.08    | 8.00     | 8.97     | 6.39     | 7.57     | 10.90    | 6.66     |  |
|                             | 5 m  | 7.06            | 7.28     | 6.26     | 5.44     | 6.78     | 7.01     | 6.00     | 7.17     | 6.42     | 6.04     | 7.68     | 5.01     |          | 4.22     | 6.05     | 5.95     | 5.32     | 5.22     | 6.54     |  |
|                             | 10 m | 6.93            | 7.11     | 6.09     | 5.17     | 6.69     | 6.84     | 4.76     | 5.62     |          |          | 3.42     | 3.97     |          | 5.53     | 4.96     |          | 5.09     |          | 5.76     |  |
|                             | 20 m |                 | 6.78     |          |          | 6.75     | 6.85     | 5.27     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 6.84     |          | 4.77     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 6.86            | 6.85     | 6.22     | 4.83     | 6.71     | 7.03     | 4.58     | 3.69     | 4.12     | 3.22     | 2.42     | 1.36     | 4.52     | 2.85     | 2.79     | 5.87     | 4.52     | 4.25     | 5.63     |  |
| 塩分 (psu)                    | 0 m  | 32.01           | 32.39    | 31.93    | 31.51    | 32.67    | 30.06    | 28.31    | 27.93    | 19.30    | 24.01    | 30.15    | 29.77    | 30.11    | 24.33    | 30.83    | 30.73    | 31.05    | 29.13    | 30.98    |  |
|                             | 2 m  | 32.21           | 32.39    | 31.96    | 31.58    | 32.54    | 30.26    | 28.51    | 27.92    | 28.27    | 28.49    | 30.14    | 30.27    | 31.17    | 25.22    | 31.49    | 31.68    | 31.29    | 30.45    | 30.96    |  |
|                             | 5 m  | 32.41           | 32.39    | 31.96    | 31.63    | 32.52    | 31.70    | 30.76    | 30.14    | 30.84    | 30.22    | 30.37    | 31.47    |          | 30.77    | 31.93    | 32.30    | 31.68    | 31.55    | 31.07    |  |
|                             | 10 m | 32.50           | 32.51    | 31.98    | 31.75    | 32.61    | 32.20    | 32.13    | 31.87    | 31.80    | 31.47    | 31.68    | 31.85    |          | 32.07    | 32.08    |          | 31.94    |          | 31.75    |  |
|                             | 20 m |                 | 32.53    |          |          | 32.60    | 32.51    | 32.27    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 32.47    | 32.23    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 32.51           | 32.54    | 31.98    | 31.86    | 32.62    | 32.50    | 32.24    | 32.19    | 32.02    | 31.55    | 32.17    | 32.19    | 31.56    | 32.20    | 32.22    | 32.39    | 32.15    | 31.58    | 31.91    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 1.54            | 0.64     | 3.01     | 2.22     | 1.81     | 2.58     | 1.97     | 1.88     | 6.37     | 3.03     | 2.03     | 2.43     | 2.00     | 3.09     | 2.21     | 2.69     | 0.95     | 1.39     | 0.72     |  |
|                             | 5 m  | 0.99            | 1.14     | 2.76     | 4.32     | 2.74     | 3.01     | 2.47     | 2.85     | 2.54     | 2.71     | 2.60     | 2.23     |          | 4.16     | 3.42     | 4.48     | 4.33     | 5.77     | 2.24     |  |
|                             | B-1m | 1.01            | 2.81     | 2.94     | 7.33     | 2.31     | 3.16     | 2.27     | 2.40     | 1.45     | 3.32     | 2.41     | 1.83     | 8.21     | 6.04     | 6.48     | 4.94     | 4.48     | 11.97    | 3.80     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.23            | 0.14     | 0.37     | 0.12     | 0.63     | 0.08     | 0.04     | 0.03     | 1.53     | 0.50     | 0.08     | 0.00     | 0.03     | 0.09     | 0.03     | 0.20     | 0.06     | 0.03     | 0.19     |  |
|                             | 5 m  | 0.15            | 0.12     | 0.37     | 0.24     | 0.60     | 0.07     | 0.09     | 0.05     | 0.11     | 0.10     | 0.07     | 0.07     |          | 0.17     | 0.29     | 0.37     | 0.36     | 0.35     | 0.20     |  |
|                             | B-1m | 0.27            | 0.55     | 0.38     | 0.36     | 0.69     | 0.34     | 1.67     | 1.95     | 0.52     | 1.06     | 2.56     | 0.93     | 0.42     | 0.58     | 1.29     | 0.41     | 1.17     | 0.29     | 0.24     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 0.20            | 0.00     | 0.72     | 0.00     | 0.21     | 0.31     | 0.00     | 0.00     | 15.72    | 17.48    | 0.00     | 0.00     | 0.00     | 0.86     | 0.00     | 0.62     | 0.00     | 0.00     | 0.19     |  |
|                             | 5 m  | 0.00            | 0.00     | 0.72     | 0.33     | 0.18     | 0.11     | 0.00     | 0.00     | 0.00     | 0.18     | 0.00     | 0.00     |          | 0.14     | 0.13     | 1.16     | 0.19     | 0.35     | 0.50     |  |
|                             | B-1m | 0.00            | 0.04     | 0.78     | 0.08     | 0.45     | 0.00     | 1.63     | 1.44     | 0.00     | 0.15     | 1.37     | 0.68     | 0.15     | 0.05     | 0.34     | 0.57     | 0.02     | 0.19     | 0.13     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.49            | 0.34     | 0.53     | 0.45     | 0.32     | 0.21     | 0.09     | 0.10     | 0.32     | 0.45     | 0.12     | 0.06     | 0.01     | 0.17     | 0.20     | 0.38     | 0.18     | 0.09     | 0.51     |  |
|                             | 5 m  | 0.39            | 0.36     | 0.50     | 0.85     | 0.42     | 0.34     | 0.34     | 0.27     | 0.36     | 0.16     | 0.29     | 0.35     |          | 0.36     | 0.49     | 0.68     | 0.87     | 1.02     | 0.64     |  |
|                             | B-1m | 0.37            | 0.52     | 0.54     | 1.04     | 0.38     | 0.46     | 0.88     | 0.97     | 0.49     | 0.69     | 1.03     | 1.78     | 1.15     | 0.94     | 0.94     | 0.77     | 0.99     | 1.34     | 0.61     |  |
| クロロフィル (μg/l)               | 0 m  | 4.04            | 2.95     | 2.93     | 6.49     | 2.48     | 3.50     | 10.12    | 10.37    | 6.78     | 11.18    | 4.42     | 6.41     | 22.50    | 23.45    | 13.26    | 4.10     | 11.73    | 30.90    | 10.92    |  |
|                             | 5 m  | 5.20            | 2.94     | 2.60     | 5.14     | 2.77     | 2.38     | 9.12     | 39.95    | 8.55     | 11.94    | 27.88    | 25.70    |          | 9.02     | 9.73     | 1.33     | 5.14     | 8.14     | 12.19    |  |
|                             | B-1m | 3.84            | 3.87     | 2.44     | 1.75     | 3.70     | 0.89     | 0.50     | 0.71     | 0.89     | 1.94     | 0.61     | 0.64     | 4.55     | 0.41     | 0.92     | 1.91     | 1.45     | 4.87     | 1.54     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.87            | 0.42     | 0.27     | 0.74     | 0.24     | 0.50     | 2.16     | 1.76     | 1.23     | 2.05     | 0.97     | 1.37     | 3.76     | 1.49     | 1.46     | 0.54     | 1.93     | 4.42     | 1.83     |  |
|                             | 5 m  | 0.72            | 0.44     | 0.26     | 0.44     | 0.33     | 0.24     | 1.11     | 3.63     | 1.27     | 2.21     | 28.69    | 1.36     |          | 0.95     | 0.65     | 0.33     | 0.91     | 1.58     | 1.65     |  |
|                             | B-1m | 0.46            | 0.43     | 0.31     | 0.38     | 0.73     | 0.18     | 0.30     | 0.32     | 0.42     | 0.64     | 0.29     | 0.24     | 0.94     | 0.26     | 0.26     | 0.59     | 0.46     | 1.49     | 0.32     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年9月  |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 2               | 2        | 2        | 2        | 2        | 3        | 3        | 3        | 3        | 3        | 3        | 3        | 2        | 3        | 3        | 3        | 2        | 2        | 2        |  |
| 時刻                          |      | 8:40            | 9:10     | 10:10    | 11:30    | 15:05    | 13:35    | 11:15    | 10:15    | 9:55     | 9:35     | 9:20     | 9:00     | 12:10    | 11:55    | 10:45    | 8:30     | 11:55    | 13:10    | 10:55    |  |
| 天候                          |      | O               | O        | C        | Bc       | C        | O        | O        | C        | Bc       | O        | O        | O        | Bc       | O        | Bc       | O        | Bc       | Bc       | Bc       |  |
| 気温 (°C)                     |      | 25.3            | 25.1     | 25.5     | 27.1     | 26.3     | 26.9     | 27.7     | 27.4     | 26.7     | 26.5     | 26       | 27.1     | 27.4     | 28.3     | 28.3     | 26.6     | 27.1     | 27.1     | 27       |  |
| 雲形                          |      | As              | As       | As       | As       | As       | As       | As       | As       | Cs       | Cs       | Cs       | Cs       | As       | As       | Cs       | Cs       | As       | As       | Cu       |  |
| 雲量                          |      | 10              | 10       | 8        | 7        | 9        | 10       | 10       | 9        | 7        | 10       | 10       | 10       | 4        | 10       | 7        | 10       | 4        | 7        | 6        |  |
| 風向                          |      | E               | NE       | W        | E        | E        | W        | W        | NW       | NNE      | NW       | SW       | SW       | ESE      | WNW      | S        | SSE      | E        | E        | W        |  |
| 風力                          |      | 2               | 3        | 1        | 3        | 3        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 3        | 1        | 3        | 0        | 3        | 3        | 2        |  |
| 波浪                          |      | 2               | 2        | 1        | 2        | 2        | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 2        | 2        | 0        |  |
| うねり                         |      | 1               | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        |  |
| 透明度 (m)                     |      | 4.3             | 5.2      | 4        | 3.3      | 6.8      | 8.9      | 2.8      | 2.6      | 2.1      | 2        | 3        | 3.7      | 2.4      | 3.9      | 6        | 4.4      | 2.7      | 2.2      | 2        |  |
| 水色                          |      | 7               | 7        | 7        | 7        | 6        | 6        | 7        | 8        | 8        | 8        | 7        | 7        | 16       | 7        | 6        | 6        | 8        | 16       | 8        |  |
| 水深 (m)                      |      | 10              | 29       | 16.5     | 19.5     | 37.5     | 32       | 30.5     | 17.5     | 13       | 11.5     | 18       | 20.5     | 6        | 13       | 18       | 9        | 13.5     | 6        | 16.5     |  |
| 水温 (°C)                     | 0 m  | 25.16           | 25.56    | 26.67    | 26.91    | 25.54    | 24.83    | 24.29    | 25.79    | 25.68    | 25.27    | 25.49    | 25.24    | 27.48    | 23.94    | 25.77    | 25.77    | 27.24    | 27.28    | 27.22    |  |
|                             | 2 m  | 25.10           | 25.40    | 26.58    | 26.80    | 25.46    | 24.90    | 23.90    | 25.28    | 25.49    | 24.78    | 25.13    | 24.88    | 26.92    | 23.65    | 24.84    | 25.66    | 26.64    | 26.95    | 26.97    |  |
|                             | 5 m  | 25.01           | 25.25    | 26.54    | 26.57    | 25.39    | 24.84    | 23.57    | 24.04    | 23.86    | 23.67    | 23.96    | 24.26    |          | 23.73    | 23.42    | 25.22    | 26.46    |          | 26.86    |  |
|                             | 10 m |                 | 25.18    | 26.53    | 26.68    | 25.22    | 24.44    | 23.22    | 23.53    | 22.70    | 22.89    | 23.21    | 23.29    |          | 23.22    | 22.93    |          | 26.47    |          | 26.81    |  |
|                             | 20 m |                 | 25.09    |          |          | 25.01    | 23.26    | 23.06    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 24.32    | 22.62    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 24.97           | 25.04    | 26.54    | 26.54    | 24.22    | 22.59    | 22.96    | 22.75    | 22.46    | 22.87    | 22.51    | 21.73    | 26.58    | 23.15    | 22.34    | 25.07    | 26.39    | 26.75    | 26.79    |  |
| DO (mg/l)                   | 0 m  | 7.33            | 6.51     | 6.53     | 7.51     | 5.85     | 6.86     | 8.10     | 8.36     | 8.42     | 6.08     | 6.84     | 7.08     | 9.36     | 6.32     | 7.57     | 6.88     | 8.60     | 9.26     | 6.59     |  |
|                             | 5 m  | 6.86            | 6.49     | 6.40     | 7.28     | 5.83     | 7.08     | 5.34     | 5.25     | 4.45     | 2.63     | 5.07     | 5.32     | 8.38     | 3.12     | 5.48     | 6.15     | 6.71     | 6.58     | 5.42     |  |
|                             | 10 m |                 | 6.45     | 6.42     | 5.52     | 5.76     | 6.59     | 4.48     | 4.32     |          |          | 2.91     | 3.20     |          | 3.97     | 3.56     |          | 5.61     |          | 5.32     |  |
|                             | 20 m |                 | 6.34     |          |          | 5.72     | 4.63     | 3.78     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 5.55     | 3.59     |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 6.77            | 6.40     | 6.36     | 4.69     | 5.64     | 2.84     | 3.38     | 2.65     | 1.59     | 1.26     | 2.09     | 0.93     | 8.52     | 2.45     | 2.43     | 4.68     | 3.92     | 6.24     | 5.27     |  |
| 塩分 (psu)                    | 0 m  | 30.55           | 31.75    | 30.73    | 29.64    | 31.88    | 30.71    | 29.96    | 25.70    | 21.54    | 26.84    | 28.46    | 29.77    | 28.45    | 30.20    | 29.48    | 31.23    | 29.16    | 29.12    | 30.35    |  |
|                             | 2 m  | 31.67           | 31.75    | 30.77    | 29.63    | 31.84    | 31.29    | 30.93    | 28.05    | 27.34    | 28.15    | 29.98    | 30.14    | 28.61    | 31.02    | 30.39    | 31.31    | 26.56    | 29.40    | 30.46    |  |
|                             | 5 m  | 31.88           | 31.80    | 30.78    | 29.75    | 31.86    | 31.44    | 31.51    | 30.54    | 30.56    | 30.41    | 30.77    | 30.70    |          | 31.65    | 31.32    | 31.72    | 30.03    |          | 30.52    |  |
|                             | 10 m |                 | 31.83    | 30.81    | 30.17    | 31.89    | 31.73    | 31.70    | 31.28    | 31.38    | 31.08    | 31.12    | 31.20    |          | 31.67    | 31.51    |          | 30.32    |          | 30.55    |  |
|                             | 20 m |                 | 31.86    |          |          | 31.90    | 31.94    | 31.71    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 32.10    | 32.04    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 31.90           | 31.89    | 30.80    | 30.74    | 32.14    | 32.05    | 31.79    | 31.66    | 31.35    | 31.10    | 31.58    | 31.63    | 29.25    | 31.71    | 31.65    | 31.76    | 30.72    | 29.77    | 30.55    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 8.21            | 9.36     | 8.72     | 8.00     | 9.17     | 5.46     | 7.39     | 1.33     | 4.72     | 2.72     | 5.31     | 2.18     | 7.33     | 3.33     | 6.07     | 7.16     | 7.43     | 8.08     | 7.72     |  |
|                             | 5 m  | 8.96            | 9.56     | 8.78     | 7.87     | 9.11     | 8.07     | 6.47     | 6.46     | 7.62     | 7.28     | 7.86     | 8.05     | 7.54     | 7.92     | 7.75     | 8.48     | 7.54     | 8.92     | 10.06    |  |
|                             | B-1m | 10.01           | 9.53     | 9.18     | 12.05    | 9.42     | 7.24     | 7.49     | 6.63     | 12.48    | 8.58     | 6.07     | 8.61     | 7.49     | 14.30    | 10.71    | 13.13    | 12.46    | 9.49     | 11.49    |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.09            | 2.43     | 1.42     | 0.03     | 2.02     | 0.02     | 0.03     | 0.39     | 0.90     | 0.57     | 0.04     | 0.15     | 0.03     | 0.06     | 0.05     | 0.07     | 0.03     | 0.51     | 0.36     |  |
|                             | 5 m  | 2.01            | 2.35     | 1.53     | 0.01     | 2.02     | 0.02     | 0.23     | 0.21     | 0.27     | 0.91     | 0.11     | 0.20     | 0.03     | 1.31     | 0.04     | 0.20     | 0.04     | 0.14     | 1.01     |  |
|                             | B-1m | 2.21            | 2.37     | 1.71     | 1.07     | 2.13     | 1.03     | 0.55     | 0.73     | 0.87     | 0.88     | 0.25     | 0.27     | 0.02     | 1.29     | 1.18     | 1.28     | 1.02     | 0.15     | 1.09     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 0.47            | 1.65     | 0.54     | 0.00     | 1.33     | 0.00     | 0.00     | 10.91    | 24.41    | 8.52     | 0.00     | 2.55     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.64     | 0.00     |  |
|                             | 5 m  | 1.29            | 1.59     | 0.72     | 0.00     | 1.35     | 0.00     | 0.51     | 0.05     | 0.02     | 4.41     | 0.02     | 0.75     | 0.00     | 1.96     | 0.00     | 0.00     | 0.00     | 0.05     | 0.87     |  |
|                             | B-1m | 1.78            | 1.78     | 0.96     | 0.05     | 1.63     | 5.97     | 5.35     | 6.24     | 6.43     | 5.88     | 6.77     | 8.09     | 0.00     | 2.56     | 5.47     | 1.07     | 0.00     | 0.00     | 0.98     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.15            | 0.53     | 0.55     | 0.21     | 0.45     | 0.14     | 0.06     | 0.13     | 0.32     | 0.09     | 0.03     | 0.40     | 0.08     | 0.10     | 0.07     | 0.32     | 0.11     | 0.09     | 0.42     |  |
|                             | 5 m  | 0.47            | 0.72     | 0.50     | 0.29     | 0.54     | 0.21     | 0.31     | 0.21     | 0.30     | 0.90     | 0.44     | 0.45     | 0.12     | 0.78     | 0.22     | 0.33     | 0.26     | 0.55     | 0.79     |  |
|                             | B-1m | 0.53            | 0.57     | 0.89     | 0.84     | 0.50     | 1.55     | 1.18     | 1.31     | 1.78     | 1.62     | 1.45     | 2.53     | 0.06     | 1.51     | 1.44     | 0.98     | 1.06     | 0.67     | 0.86     |  |
| クロロフィル (μg/l)               | 0 m  | 5.77            | 3.06     | 3.77     | 7.85     | 2.92     | 1.75     | 9.96     | 6.28     | 4.95     | 24.51    | 11.17    | 11.44    | 11.83    | 6.32     | 2.62     | 3.95     | 11.48    | 19.46    | 7.91     |  |
|                             | 5 m  | 4.09            | 3.59     | 4.69     | 10.10    | 2.96     | 1.28     | 5.60     | 4.90     | 4.93     | 6.64     | 6.73     | 8.76     | 16.06    | 2.64     | 7.83     | 4.99     | 12.26    | 24.71    | 4.29     |  |
|                             | B-1m | 4.12            | 3.24     | 3.17     | 8.95     | 2.46     | 0.96     | 0.82     | 0.76     | 1.14     | 1.73     | 0.61     | 0.51     | 16.93    | 1.19     | 0.45     | 5.83     | 5.22     | 24.73    | 3.77     |  |
| フェオフィチン (μg/l)              | 0 m  | 1.16            | 0.49     | 0.51     | 1.74     | 0.27     | 0.28     | 1.78     | 1.55     | 0.90     | 3.60     | 2.00     | 1.77     | 3.66     | 0.94     | 0.35     | 0.89     | 3.32     | 4.77     | 2.21     |  |
|                             | 5 m  | 0.71            | 0.52     | 0.65     | 1.60     | 0.34     | 0.26     | 1.10     | 1.26     | 1.17     | 1.17     | 1.43     | 1.90     | 2.45     | 0.50     | 1.63     | 1.03     | 2.65     | 3.68     | 0.79     |  |
|                             | B-1m | 0.65            | 0.47     | 1.66     | 1.20     | 0.42     | 0.34     | 0.52     | 0.36     | 0.37     | 0.62     | 0.29     | 0.27     | 3.22     | 0.56     | 0.22     | 1.22     | 1.40     | 3.24     | 1.07     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年10月 |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度   | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度   | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 2               | 2        | 2        | 2        | 2        | 3        | 3        | 3        | 3        | 3        | 3        | 3        | 2        | 3        | 3        | 3        | 2        | 2        | 2        |  |
| 時刻                          |      | 8:45            | 9:15     | 10:20    | 11:20    | 14:45    | 13:00    | 11:10    | 10:20    | 10:10    | 9:45     | 9:35     | 9:15     | 12:00    | 11:55    | 10:45    | 8:30     | 11:45    | 13:05    | 10:55    |  |
| 天候                          |      | C               | C        | Bc       | Bc       | R        | Bc       | Bc       | B        | B        | B        | Bc       | Bc       | C        | Bc       | B        | Bc       | Bc       | C        | Bc       |  |
| 気温 (°C)                     |      | 22.1            | 23       | 23.6     | 26.1     | 23       | 25.9     | 25.7     | 25.1     | 25.1     | 25.9     | 24.8     | 24.2     | 25.6     | 26.3     | 25.7     | 23.5     | 25.7     | 26.3     | 25.7     |  |
| 雲形                          |      | As              | As       | As       | As       | Sc       | Cu       | As       | Cu       | Cu       | Cu       | Cu       | As       | Cu       | Cu       | Ac       | As       | As       | As       | As       |  |
| 雲量                          |      | 9               | 8        | 6        | 6        | 10       | 3        | 3        | 2        | 2        | 2        | 3        | 3        | 9        | 4        | 2        | 6        | 7        | 9        | 6        |  |
| 風向                          |      | NNE             | NE       | E        | N        | NNW      | SW       | SE       | SSE      | SSW      | NNE      | NNE      | N        | E        | SW       | NNW      | SW       | ENE      | NNW      | ENE      |  |
| 風力                          |      | 3               | 3        | 3        | 0        | 2        | 2        | 2        | 2        | 1        | 2        | 3        | 3        | 2        | 2        | 3        | 0        | 3        | 0        | 2        |  |
| 波浪                          |      | 2               | 1        | 2        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 1        | 1        | 2        | 0        | 2        | 0        | 1        |  |
| うねり                         |      | 1               | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 1        | 0        | 1        | 0        | 0        |  |
| 透明度 (m)                     |      | 4.9             | 7.2      | 5        | 3.1      | 9.1      | 6.1      | 3.7      | 4.3      | 3        | 3.1      | 6        | 6.2      | 2.1      | 5.9      | 7.2      | 4.8      | 4.3      | 3.7      | 3        |  |
| 水色                          |      | 7               | 6        | 7        | 7        | 6        | 7        | 8        | 8        | 8        | 8        | 8        | 7        | 8        | 7        | 6        | 6        | 7        | 7        | 8        |  |
| 水深 (m)                      |      | 10.5            | 28.5     | 14       | 20       | 41       | 33.5     | 36.5     | 17       | 12.5     | 12       | 18       | 21.5     | 5.5      | 15       | 20       | 9        | 13.5     | 7        | 16       |  |
| 水温 (°C)                     | 0 m  | 24.60           | 24.72    | 25.29    | 25.27    | 24.56    | 24.37    | 24.31    | 24.21    | 23.83    | 23.98    | 23.98    | 23.98    | 25.16    | 24.28    | 24.33    | 24.31    | 25.34    | 25.43    | 24.83    |  |
|                             | 2 m  | 24.29           | 24.45    | 25.10    | 25.11    | 24.32    | 24.07    | 23.83    | 23.95    | 23.93    | 23.94    | 23.89    | 23.95    | 24.99    | 24.06    | 24.08    | 24.28    | 25.15    | 25.32    | 24.80    |  |
|                             | 5 m  | 24.35           | 24.43    | 25.10    | 25.00    | 24.17    | 23.98    | 23.94    | 23.94    | 23.93    | 23.94    | 23.93    | 23.86    |          | 23.89    | 24.02    | 24.39    | 25.04    | 25.17    | 24.84    |  |
|                             | 10 m |                 | 24.42    | 25.09    | 25.01    | 24.11    | 23.95    | 23.94    | 23.94    | 23.88    | 23.93    | 23.94    | 23.84    |          | 23.87    | 23.91    |          | 25.07    |          | 24.94    |  |
|                             | 20 m |                 | 24.42    |          |          | 23.97    | 23.93    | 23.97    |          |          |          |          | 23.72    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 23.93    | 23.94    | 23.98    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 24.35           | 24.42    | 25.08    | 25.06    | 23.93    | 23.91    | 23.98    | 23.94    | 23.85    | 23.93    | 23.89    | 23.71    | 24.94    | 23.83    | 23.95    | 24.35    | 25.18    | 25.16    | 25.06    |  |
| DO (mg/l)                   | 0 m  | 6.83            | 6.73     | 6.51     | 7.48     | 6.58     | 7.41     | 7.91     | 6.19     | 6.87     | 5.08     | 6.03     | 5.64     | 6.61     | 5.65     | 6.59     | 6.89     | 6.45     | 6.04     | 6.08     |  |
|                             | 5 m  | 6.66            | 6.79     | 6.48     | 7.42     | 6.36     | 6.77     | 6.28     | 9.22     | 4.06     | 3.93     | 5.98     | 5.39     |          | 4.59     | 5.36     | 6.23     | 6.39     | 5.92     | 5.89     |  |
|                             | 10 m |                 | 6.75     | 6.41     | 7.10     | 6.17     | 6.87     | 6.18     | 5.99     | 3.01     |          | 5.71     | 4.54     |          | 3.14     | 3.08     |          | 6.24     |          | 5.86     |  |
|                             | 20 m |                 | 6.61     |          |          | 6.22     | 6.32     | 5.92     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 6.09     |          | 6.08     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 6.62            | 6.72     | 6.61     | 6.97     | 6.16     | 6.28     | 6.04     | 5.22     | 2.32     | 3.65     | 3.65     | 3.08     | 6.59     | 2.77     | 5.57     | 6.05     | 5.54     | 5.78     | 6.71     |  |
| 塩分 (psu)                    | 0 m  | 31.61           | 31.85    | 31.40    | 30.54    | 31.98    | 31.00    | 29.29    | 27.71    | 27.92    | 28.48    | 30.59    | 31.20    | 30.29    | 30.70    | 31.31    | 31.77    | 30.35    | 30.23    | 30.91    |  |
|                             | 2 m  | 31.83           | 31.96    | 31.32    | 30.54    | 32.02    | 31.60    | 30.25    | 31.33    | 31.05    | 30.64    | 31.11    | 31.21    | 30.26    | 30.71    | 31.35    | 31.76    | 30.38    | 30.27    | 30.91    |  |
|                             | 5 m  | 31.92           | 31.97    | 31.32    | 30.54    | 32.14    | 31.94    | 31.15    | 31.50    | 31.34    | 31.28    | 31.49    | 31.37    |          | 31.13    | 31.59    | 31.87    | 30.50    | 30.34    | 30.95    |  |
|                             | 10 m |                 | 31.97    | 31.31    | 30.59    | 32.17    | 32.09    | 31.58    | 31.68    | 31.63    | 31.57    | 31.58    | 31.44    |          | 31.53    | 31.77    |          | 30.70    |          | 31.01    |  |
|                             | 20 m |                 | 32.00    |          |          | 32.25    | 32.17    | 32.04    |          |          |          |          | 31.52    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 32.28    | 32.21    | 32.10    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 31.94           | 31.99    | 31.32    | 30.70    | 32.29    | 32.21    | 32.10    | 31.95    | 31.61    | 31.58    | 31.76    | 31.53    | 30.26    | 31.70    | 32.00    | 31.88    | 30.83    | 30.37    | 31.08    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.94            | 0.43     | 0.65     | 0.57     | 0.48     | 0.78     | 2.77     | 2.20     | 11.13    | 7.15     | 2.25     | 1.43     | 4.30     | 1.11     | 0.37     | 2.12     | 2.68     | 11.07    | 3.36     |  |
|                             | 5 m  | 0.69            | 0.68     | 0.58     | 0.63     | 0.27     | 0.57     | 0.47     | 0.96     | 0.68     | 2.10     | 0.76     | 1.35     |          | 1.12     | 2.00     | 3.51     | 2.06     | 6.81     | 2.70     |  |
|                             | B-1m | 0.74            | 0.79     | 0.48     | 0.96     | 0.24     | 0.89     | 0.87     | 2.21     | 2.37     | 1.44     | 2.17     | 1.94     | 3.49     | 0.47     | 2.75     | 3.76     | 2.17     | 6.01     | 2.04     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.15            | 0.66     | 0.47     | 0.08     | 0.72     | 0.03     | 1.04     | 0.66     | 1.78     | 1.21     | 0.52     | 0.51     | 0.52     | 0.47     | 0.03     | 0.32     | 0.52     | 1.30     | 0.59     |  |
|                             | 5 m  | 0.30            | 0.55     | 0.44     | 0.06     | 0.66     | 0.28     | 0.18     | 0.21     | 0.69     | 1.35     | 0.31     | 0.46     |          | 0.81     | 0.66     | 0.45     | 0.40     | 0.88     | 0.64     |  |
|                             | B-1m | 0.44            | 0.69     | 0.48     | 0.23     | 0.92     | 0.95     | 0.66     | 1.18     | 0.72     | 1.52     | 1.62     | 1.26     | 0.46     | 0.86     | 0.85     | 0.53     | 0.37     | 0.79     | 0.68     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 1.04            | 0.28     | 0.08     | 0.00     | 0.55     | 0.00     | 5.13     | 4.50     | 26.34    | 11.73    | 2.58     | 1.50     | 0.33     | 1.38     | 0.00     | 0.52     | 0.23     | 1.64     | 0.65     |  |
|                             | 5 m  | 0.34            | 0.22     | 0.06     | 0.00     | 0.54     | 0.00     | 0.12     | 0.00     | 2.65     | 4.40     | 0.22     | 1.02     |          | 2.56     | 0.61     | 0.46     | 0.04     | 1.08     | 0.56     |  |
|                             | B-1m | 0.81            | 0.24     | 0.10     | 0.00     | 0.91     | 0.28     | 0.41     | 0.78     | 7.63     | 4.42     | 4.13     | 5.67     | 0.29     | 8.33     | 0.55     | 0.38     | 0.10     | 0.99     | 0.41     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.30            | 0.34     | 0.30     | 0.32     | 0.33     | 0.39     | 0.53     | 0.41     | 0.86     | 1.53     | 0.87     | 1.06     | 0.38     | 0.89     | 0.58     | 0.65     | 0.65     | 0.87     | 0.75     |  |
|                             | 5 m  | 0.33            | 0.35     | 0.27     | 0.39     | 0.34     | 0.46     | 0.57     | 0.52     | 1.07     | 1.35     | 0.75     | 1.07     |          | 1.19     | 0.89     | 0.72     | 0.59     | 0.80     | 0.68     |  |
|                             | B-1m | 0.38            | 0.34     | 0.27     | 0.38     | 0.51     | 0.46     | 0.57     | 0.83     | 2.31     | 1.44     | 1.51     | 1.78     | 0.38     | 1.76     | 0.74     | 0.76     | 0.63     | 0.80     | 0.62     |  |
| クロロフィル (μg/l)               | 0 m  | 3.57            | 5.27     | 5.00     | 5.95     | 3.16     | 2.97     | 5.84     | 6.32     | 1.59     | 6.53     | 4.74     | 3.03     | 13.73    | 4.45     | 3.06     | 1.76     | 7.14     | 2.76     | 4.17     |  |
|                             | 5 m  | 4.86            | 5.28     | 5.33     | 11.88    | 5.04     | 6.81     | 8.93     | 4.81     | 10.70    | 6.06     | 4.24     | 3.52     |          | 6.93     | 4.69     | 2.05     | 7.50     | 3.72     | 3.66     |  |
|                             | B-1m | 7.03            | 6.41     | 5.03     | 4.74     | 4.48     | 3.65     | 2.54     | 3.03     | 4.68     | 4.61     | 2.82     | 1.34     | 16.06    | 2.46     | 3.46     | 2.33     | 8.47     | 3.28     | 2.86     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.61            | 0.58     | 0.66     | 0.74     | 0.43     | 0.69     | 1.42     | 1.05     | 0.39     | 1.36     | 1.07     | 0.99     | 2.17     | 0.70     | 0.49     | 0.38     | 0.91     | 0.55     | 0.57     |  |
|                             | 5 m  | 0.77            | 0.51     | 0.52     | 1.66     | 0.43     | 0.90     | 1.88     | 1.13     | 2.13     | 1.51     | 1.12     | 1.33     |          | 0.75     | 0.68     | 0.51     | 0.78     | 0.64     | 0.61     |  |
|                             | B-1m | 0.80            | 0.70     | 0.63     | 1.08     | 0.60     | 0.39     | 0.35     | 0.60     | 1.20     | 1.20     | 0.73     | 0.53     | 1.90     | 0.85     | 0.51     | 0.79     | 1.43     | 0.67     | 0.45     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年11月 |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
|                             | 緯度   | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
|                             | 経度   | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 5               | 5        | 5        | 5        | 5        | 4        | 4        | 4        | 4        | 4        | 4        | 4        | 5        | 4        | 4        | 4        | 5        | 5        | 5        |  |
| 時刻                          |      | 8:40            | 9:05     | 10:15    | 11:10    | 14:20    | 13:15    | 11:05    | 10:15    | 10:00    | 9:40     | 9:30     | 9:10     | 11:40    | 11:45    | 10:35    | 8:30     | 11:25    | 11:50    | 10:45    |  |
| 天候                          |      | B               | B        | B        | B        | B        | B        | B        | B        | B        | B        | B        | B        | B        | B        | B        | Bc       | B        | B        | B        |  |
| 気温 (°C)                     |      | 15.5            | 16.3     | 16.7     | 17.7     | 19.7     | 18.1     | 16.5     | 14.5     | 14.2     | 14.7     | 13.5     | 14.6     | 18.3     | 17.1     | 15.2     | 13.1     | 17.8     | 19.7     | 18.1     |  |
| 雲形                          |      | Ac              | Ac       | Ac       | Ac       | Ac       |          |          |          | Ac       |          |          | Ac       |          |          | Ac       | Ac       | Ac       | Ac       |          |  |
| 雲量                          |      | 1               | 1        | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 1        | 1        | 1        | 1        |  |
| 風向                          |      | NNE             | E        | ENE      | ESE      | ENE      | ENE      | NNE      | ENE      | ESE      | S        | ESE      | NNE      | E        | E        | N        | NW       | SE       | ESE      | ESE      |  |
| 風力                          |      | 3               | 4        | 3        | 3        | 3        | 0        | 2        | 2        | 0        | 0        | 0        | 4        | 2        | 3        | 3        | 2        | 3        | 2        | 3        |  |
| 波浪                          |      | 2               | 2        | 2        | 2        | 2        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 1        | 1        | 1        | 1        | 2        | 1        | 2        |  |
| うねり                         |      | 1               | 1        | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 1        |  |
| 透明度 (m)                     |      | 3.6             | 4.2      | 3        | 3        | 5        | 7.2      | 6.3      | 6        | 6.9      | 3.8      | 4.9      | 7        | 3        | 6        | 7.9      | 3.5      | 3.3      | 2.9      | 2        |  |
| 水色                          |      | 8               | 8        | 10       | 8        | 8        | 8        | 8        | 8        | 7        | 9        | 8        | 7        | 9        | 7        | 8        | 9        | 8        | 9        | 8        |  |
| 水深 (m)                      |      | 13              | 31       | 19.5     | 20       | 38.5     | 30.5     | 36.5     | 18       | 13.5     | 13       | 19.5     | 23       | 6        | 11.5     | 20.5     | 10.5     | 15.5     | 9.5      | 19       |  |
| 水温 (°C)                     | 0 m  | 21.25           | 21.53    | 21.30    | 20.40    | 21.34    | 21.11    | 20.05    | 19.85    | 19.64    | 20.01    | 20.37    | 20.82    | 19.41    | 20.54    | 20.63    | 20.03    | 20.14    | 19.76    | 19.85    |  |
|                             | 2 m  | 20.94           | 21.27    | 21.19    | 20.11    | 21.34    | 21.08    | 20.06    | 20.39    | 19.44    | 19.41    | 20.23    | 20.77    | 19.41    | 20.60    | 20.49    | 20.04    | 20.03    | 19.88    | 19.61    |  |
|                             | 5 m  | 20.95           | 21.27    | 21.19    | 20.07    | 21.36    | 21.04    | 19.91    | 20.63    | 19.91    | 20.84    | 20.39    | 20.78    |          | 20.65    | 20.47    | 20.04    | 19.91    | 19.99    | 19.74    |  |
|                             | 10 m | 20.94           | 21.27    | 21.20    | 20.07    | 21.36    | 20.99    | 20.47    | 21.03    | 21.37    | 21.00    | 20.81    | 20.78    |          | 21.17    | 20.47    |          | 19.84    |          | 19.87    |  |
|                             | 20 m |                 | 21.28    |          |          | 21.37    | 21.01    | 21.04    |          |          |          |          | 20.81    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 21.37    | 21.22    |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 20.94           | 21.30    | 21.20    | 20.08    | 21.36    | 21.03    | 21.26    | 21.49    | 21.48    | 21.01    | 21.40    | 20.83    | 19.67    | 21.17    | 20.45    | 20.04    | 19.92    | 19.98    | 20.26    |  |
| DO (mg/l)                   | 0 m  | 6.74            | 6.46     | 6.80     | 7.02     | 6.83     | 6.78     | 7.96     | 7.15     | 7.11     | 6.72     | 7.18     | 6.60     | 7.26     | 6.08     | 6.74     | 6.63     | 7.18     | 7.08     | 6.98     |  |
|                             | 5 m  | 6.60            | 6.45     | 6.70     | 6.80     | 6.79     | 6.74     | 7.74     | 7.22     | 7.20     | 6.49     | 7.02     | 6.62     | 7.18     | 5.99     | 6.75     | 6.50     | 7.11     | 6.74     | 6.84     |  |
|                             | 10 m | 6.64            | 6.42     | 6.70     | 6.61     | 6.79     | 6.78     | 6.82     | 6.61     | 5.52     |          | 6.78     | 6.66     |          | 5.78     | 6.66     |          | 6.91     |          | 6.86     |  |
|                             | 20 m |                 | 6.35     |          |          | 6.76     | 6.75     | 6.57     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 6.81     | 6.69     | 6.39     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 6.69            | 6.35     | 6.69     | 6.68     | 6.71     | 6.61     | 6.30     | 6.09     | 5.46     | 6.08     | 5.88     | 6.64     | 6.73     | 5.76     | 6.67     | 6.50     | 6.76     | 6.60     | 6.71     |  |
| 塩分 (psu)                    | 0 m  | 31.75           | 31.93    | 31.41    | 30.43    | 32.04    | 32.05    | 31.00    | 30.32    | 30.69    | 29.58    | 31.16    | 31.58    | 29.70    | 31.56    | 31.70    | 31.59    | 30.06    | 29.01    | 30.55    |  |
|                             | 2 m  | 31.87           | 31.84    | 31.41    | 30.44    | 32.00    | 32.05    | 31.02    | 31.26    | 30.54    | 29.76    | 31.21    | 31.59    | 29.70    | 31.59    | 31.75    | 31.68    | 30.14    | 29.66    | 30.53    |  |
|                             | 5 m  | 31.86           | 31.84    | 31.42    | 30.45    | 31.99    | 32.05    | 31.09    | 31.43    | 30.97    | 31.30    | 31.37    | 31.59    |          | 31.64    | 31.77    | 31.69    | 30.15    | 30.09    | 30.60    |  |
|                             | 10 m | 31.87           | 31.85    | 31.43    | 30.46    | 32.00    | 32.06    | 31.55    | 31.75    | 31.80    | 31.65    | 31.70    | 31.61    |          | 31.92    | 31.77    |          | 30.18    |          | 30.67    |  |
|                             | 20 m |                 | 31.88    |          |          | 31.99    | 32.08    | 31.91    |          |          |          |          | 31.62    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 32.00    |          | 32.01    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 31.85           | 31.89    | 31.44    | 30.50    | 32.01    | 32.11    | 32.03    | 32.06    | 31.96    | 31.66    | 31.94    | 31.62    | 30.10    | 31.92    | 31.77    | 31.69    | 30.27    | 30.14    | 30.91    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.29            | 0.00     | 0.04     | 3.13     | 0.17     | 0.31     | 0.20     | 1.19     | 2.41     | 6.23     | 0.61     | 2.71     | 7.93     | 4.28     | 1.23     | 2.12     | 4.76     | 7.76     | 2.10     |  |
|                             | 5 m  | 0.17            | 0.21     | 0.05     | 2.96     | 0.13     | 0.33     | 0.30     | 0.59     | 1.58     | 1.15     | 0.84     | 2.57     | 6.72     | 4.04     | 1.11     | 2.38     | 4.46     | 7.24     | 2.73     |  |
|                             | B-1m | 0.06            | 0.17     | 0.05     | 2.92     | 0.00     | 0.14     | 0.27     | 0.68     | 3.25     | 2.35     | 1.79     | 2.70     | 5.53     | 2.83     | 1.44     | 2.53     | 3.91     | 6.60     | 1.63     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.65            | 0.34     | 1.04     | 2.73     | 0.28     | 1.18     | 0.49     | 0.83     | 0.86     | 2.05     | 1.39     | 0.94     | 2.90     | 0.91     | 0.39     | 1.14     | 2.96     | 2.90     | 2.55     |  |
|                             | 5 m  | 0.67            | 0.33     | 0.98     | 2.75     | 0.27     | 1.18     | 0.71     | 0.67     | 1.00     | 1.68     | 1.37     | 0.91     | 2.84     | 0.94     | 0.36     | 1.16     | 2.97     | 3.12     | 2.38     |  |
|                             | B-1m | 0.69            | 0.30     | 0.95     | 2.72     | 0.29     | 1.26     | 1.59     | 1.84     | 1.71     | 1.76     | 1.68     | 0.93     | 2.84     | 1.41     | 0.35     | 1.15     | 2.93     | 3.10     | 2.32     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 3.60            | 4.02     | 4.24     | 1.71     | 3.96     | 0.75     | 0.46     | 2.60     | 2.28     | 15.84    | 2.48     | 1.17     | 3.23     | 0.86     | 0.29     | 2.01     | 2.23     | 5.00     | 3.81     |  |
|                             | 5 m  | 3.38            | 3.90     | 4.35     | 1.73     | 3.82     | 0.74     | 0.59     | 0.67     | 1.61     | 2.71     | 2.08     | 1.10     | 3.03     | 0.86     | 0.30     | 1.62     | 2.13     | 3.03     | 4.43     |  |
|                             | B-1m | 3.55            | 3.93     | 4.34     | 1.81     | 3.96     | 0.87     | 0.82     | 1.04     | 0.95     | 1.70     | 1.12     | 1.12     | 2.27     | 0.78     | 0.24     | 1.84     | 1.78     | 2.64     | 4.07     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.62            | 0.69     | 0.69     | 0.67     | 0.87     | 0.46     | 0.24     | 0.39     | 0.51     | 1.21     | 0.54     | 0.77     | 0.74     | 0.81     | 0.55     | 0.69     | 0.76     | 0.93     | 0.83     |  |
|                             | 5 m  | 0.63            | 0.68     | 0.68     | 0.68     | 0.65     | 0.46     | 0.22     | 0.43     | 0.45     | 0.64     | 0.50     | 0.78     | 0.72     | 0.76     | 0.56     | 0.66     | 0.69     | 0.83     | 0.90     |  |
|                             | B-1m | 0.59            | 0.64     | 0.70     | 0.67     | 0.61     | 0.46     | 0.55     | 0.64     | 0.85     | 0.74     | 0.78     | 0.78     | 0.71     | 0.74     | 0.59     | 1.84     | 0.69     | 0.82     | 0.84     |  |
| クロロフィル (μg/l)               | 0 m  | 3.47            | 1.77     | 1.72     | 4.62     | 1.95     | 2.09     | 5.17     | 2.52     | 2.09     | 6.35     | 7.35     | 2.67     | 7.38     | 1.64     | 2.89     | 2.11     | 3.90     | 2.71     | 4.38     |  |
|                             | 5 m  | 3.06            | 2.06     | 1.82     | 4.69     | 1.69     | 3.29     | 6.97     | 5.48     | 4.28     | 7.96     | 7.86     | 3.22     | 5.97     | 2.33     | 3.53     | 2.36     | 4.62     | 4.12     | 3.24     |  |
|                             | B-1m | 3.26            | 1.90     | 1.67     | 4.01     | 2.09     | 1.41     | 3.11     | 2.32     | 3.47     | 5.24     | 3.02     | 2.97     | 4.93     | 2.33     | 2.76     | 1.86     | 3.61     | 4.64     | 2.59     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.23            | 0.29     | 0.44     | 0.62     | 0.03     | 0.58     | 1.54     | 0.72     | 0.77     | 1.77     | 1.53     | 0.46     | 0.87     | 0.39     | 0.65     | 0.40     | 0.46     | 0.40     | 0.67     |  |
|                             | 5 m  | 0.34            | 0.29     | 0.48     | 0.58     | 0.31     | 0.62     | 1.45     | 1.51     | 0.86     | 1.64     | 1.91     | 0.49     | 0.74     | 0.68     | 1.66     | 0.44     | 0.57     | 0.81     | 0.53     |  |
|                             | B-1m | 0.42            | 0.29     | 0.47     | 0.77     | 0.33     | 0.34     | 0.67     | 0.54     | 1.04     | 1.25     | 0.75     | 0.54     | 0.69     | 0.68     | 0.47     | 0.36     | 1.00     | 1.08     | 0.46     |  |

浅海定線海洋観測表(広島県)

| 海域・年月                       |      | 広島湾, 安芸灘, 備後灘北部 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 平成26年12月 |  |
|-----------------------------|------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 調査点                         | 番号   | 1               | 2        | 4        | 6        | 7        | 13       | 15       | 17       | 18       | 19       | 20       | 21       | 24       | 33       | 34       | 35       | 36       | 37       | 38       |  |
| 緯度                          |      | 34° 12'         | 34° 13'  | 34° 22'  | 34° 22'  | 34° 07'  | 34° 11'  | 34° 18'  | 34° 19'  | 34° 20'  | 34° 21'  | 34° 19'  | 34° 14'  | 34° 23'  | 34° 16'  | 34° 14'  | 34° 10'  | 34° 22'  | 34° 25'  | 34° 24'  |  |
| 経度                          |      | 132° 36'        | 132° 47' | 133° 07' | 133° 21' | 132° 47' | 132° 21' | 132° 22' | 132° 23' | 132° 23' | 132° 28' | 132° 29' | 132° 31' | 133° 23' | 132° 16' | 132° 27' | 132° 33' | 133° 23' | 133° 25' | 133° 14' |  |
| 調査日                         |      | 4               | 4        | 4        | 4        | 4        | 3        | 3        | 3        | 3        | 3        | 3        | 3        | 4        | 3        | 3        | 3        | 4        | 4        | 4        |  |
| 時刻                          |      | 15:00           | 14:30    | 13:25    | 11:55    | 9:30     | 13:30    | 11:10    | 10:30    | 10:15    | 9:50     | 9:40     | 9:15     | 11:25    | 12:50    | 10:50    | 8:30     | 11:15    | 11:35    | 13:00    |  |
| 天候                          |      | Bc              | C        | O        | R        | R        | Bc       | Bc       | Bc       | Bc       | B        | B        | B        | R        | Bc       | Bc       | Bc       | R        | R        | O        |  |
| 気温 (°C)                     |      | 10.7            | 10.7     | 8.9      | 9.6      | 9.1      | 9.7      | 11       | 9.9      | 9.1      | 11.2     | 9.1      | 9.1      | 9.4      | 10.2     | 10.3     | 10.5     | 7.3      | 9.6      | 8        |  |
| 雲形                          |      | Cu              | Cu       | St       | Ns       | Ns       | Ns       | Cu       | Cu       | Cu       | Cu       | Cu       | Cu       | Ns       | Cu       | Cu       | Cu       | Ns       | Ns       | St       |  |
| 雲量                          |      | 6               | 8        | 10       | 10       | 10       | 7        | 5        | 4        | 3        | 2        | 2        | 2        | 10       | 7        | 4        | 3        | 10       | 10       | 10       |  |
| 風向                          |      | WNW             | WNW      | NWN      | NW       | NW       | WSW      | SW       | SW       | SW       | S        | SW       | WNW      | NW       | SSW      | W        | W        | NNE      | NW       | WNW      |  |
| 風力                          |      | 4               | 3        | 3        | 0        | 4        | 4        | 5        | 3        | 2        | 0        | 2        | 3        | 0        | 4        | 2        | 2        | 1        | 0        | 0        |  |
| 波浪                          |      | 2               | 2        | 2        | 1        | 3        | 2        | 2        | 2        | 2        | 1        | 2        | 2        | 0        | 2        | 1        | 1        | 1        | 1        | 1        |  |
| うねり                         |      | 1               | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |  |
| 透明度 (m)                     |      | 5.3             | 6        | 3.7      | 4.1      | 5.2      | 7        | 6.6      | 7.1      | 4.7      | 5.4      | 5.8      | 6        | 4        | 5.3      | 7        | 5        | 4.2      | 3.9      | 3.7      |  |
| 水色                          |      | 7               | 7        | 8        | 8        | 7        | 6        | 7        | 7        | 9        | 8        | 8        | 8        | 9        | 7        | 8        | 7        | 8        | 9        | 7        |  |
| 水深 (m)                      |      | 11              | 29       | 13.5     | 18.5     | 44       | 32.5     | 33       | 17.5     | 13.5     | 12.5     | 19       | 22       | 7        | 13       | 20.5     | 10.5     | 15       | 9.5      | 17       |  |
| 水温 (°C)                     | 0 m  | 17.64           | 17.90    | 17.40    | 15.53    | 17.91    | 17.79    | 18.05    | 17.30    | 16.83    | 16.63    | 16.65    | 17.24    | 15.49    | 16.68    | 16.43    | 16.23    | 15.72    | 14.30    | 15.55    |  |
|                             | 2 m  | 17.60           | 17.85    | 17.26    | 15.53    | 17.91    | 17.77    | 17.98    | 17.30    | 17.10    | 16.76    | 16.49    | 17.12    | 15.35    | 16.53    | 16.45    | 16.21    | 15.61    | 14.86    | 15.49    |  |
|                             | 5 m  | 17.59           | 17.86    | 17.28    | 15.54    | 17.91    | 17.77    | 17.98    | 17.31    | 17.15    | 16.86    | 17.21    | 17.13    | 15.36    | 16.54    | 16.45    | 16.21    | 15.81    | 15.50    | 15.50    |  |
|                             | 10 m |                 | 17.85    | 17.31    | 15.60    | 17.90    | 17.77    | 17.98    | 17.31    | 17.18    | 16.97    | 17.32    | 17.13    |          | 16.47    | 16.46    |          | 16.02    |          | 15.60    |  |
|                             | 20 m |                 | 17.82    |          |          | 17.94    | 18.02    | 17.99    |          |          |          |          | 17.13    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 17.95    | 18.05    | 18.07    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 17.29           | 17.83    | 17.31    | 15.91    | 17.94    | 18.04    | 18.08    | 17.31    | 17.25    | 16.97    | 17.39    | 17.13    | 15.36    | 16.46    | 16.39    | 16.20    | 16.05    | 15.50    | 15.62    |  |
| DO (mg/l)                   | 0 m  | 7.39            | 7.23     | 7.38     | 8.06     | 7.41     | 7.69     | 7.44     | 7.50     | 7.53     | 7.11     | 7.61     | 7.06     | 8.09     | 7.23     | 8.04     | 7.33     | 8.16     | 8.30     | 7.57     |  |
|                             | 5 m  | 7.36            | 7.28     | 7.21     | 8.03     | 7.41     | 7.66     | 7.33     | 7.48     | 7.50     | 7.02     | 7.55     | 7.10     | 8.01     | 7.18     | 7.94     | 7.27     | 8.12     | 8.04     | 7.46     |  |
|                             | 10 m |                 | 7.27     | 7.16     | 7.98     | 7.46     | 7.69     | 7.37     | 7.46     | 7.37     |          | 7.39     | 7.10     |          | 7.19     | 8.00     |          | 8.10     |          | 7.43     |  |
|                             | 20 m |                 | 7.22     |          |          | 7.39     | 7.64     | 7.36     |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 7.46     | 7.39     | 7.33     |          |          |          |          |          |          |          |          |          |          |          |          |  |
| DO                          | B-1m | 7.32            | 7.13     | 7.22     | 7.93     | 7.39     | 7.37     | 7.33     | 7.40     | 7.36     | 6.79     | 7.23     | 6.99     | 7.82     | 7.16     | 7.79     | 7.33     | 8.01     | 8.01     | 7.32     |  |
| 塩分 (psu)                    | 0 m  | 32.09           | 32.17    | 31.68    | 30.41    | 32.38    | 32.15    | 32.02    | 31.88    | 31.46    | 31.34    | 30.74    | 31.58    | 30.60    | 31.53    | 31.72    | 31.76    | 30.71    | 28.91    | 31.05    |  |
|                             | 2 m  | 32.08           | 32.12    | 31.68    | 30.72    | 32.36    | 32.21    | 32.10    | 31.88    | 31.69    | 31.44    | 31.06    | 31.65    | 30.70    | 31.61    | 31.74    | 31.88    | 30.93    | 30.52    | 31.14    |  |
|                             | 5 m  | 32.09           | 32.11    | 31.67    | 30.73    | 32.37    | 32.21    | 32.10    | 31.88    | 31.82    | 31.56    | 31.62    | 31.64    | 30.70    | 31.61    | 31.74    | 31.86    | 30.91    | 30.79    | 31.13    |  |
|                             | 10 m |                 | 32.10    | 31.69    | 30.76    | 32.36    | 32.20    | 32.10    | 31.91    | 31.91    | 31.63    | 31.69    | 31.64    |          | 31.58    | 31.74    |          | 30.99    |          | 31.17    |  |
|                             | 20 m |                 | 32.12    |          |          | 32.36    | 32.23    | 32.10    |          |          |          |          | 31.65    |          |          |          |          |          |          |          |  |
|                             | 30 m |                 |          |          |          | 32.36    | 32.36    | 32.14    |          |          |          |          |          |          |          |          |          |          |          |          |  |
|                             | B-1m | 32.03           | 32.12    | 31.70    | 30.91    | 32.37    | 32.25    | 32.19    | 31.92    | 31.97    | 31.63    | 31.76    | 31.65    | 30.70    | 31.59    | 31.73    | 31.87    | 31.01    | 30.79    | 31.16    |  |
| NH <sub>4</sub> -N (μmol/l) | 0 m  | 0.76            | 0.48     | 0.32     | 1.72     | 0.26     | 0.47     | 1.35     | 1.34     | 6.65     | 4.00     | 2.89     | 2.03     | 2.20     | 3.65     | 1.53     | 3.22     | 1.60     | 3.00     | 2.16     |  |
|                             | 5 m  | 0.73            | 0.64     | 0.38     | 1.95     | 0.24     | 0.33     | 1.38     | 1.18     | 2.27     | 4.11     | 2.09     | 2.18     | 2.38     | 3.72     | 1.58     | 3.51     | 1.43     | 2.12     | 2.09     |  |
|                             | B-1m | 0.70            | 0.53     | 0.46     | 1.25     | 0.42     | 0.23     | 1.36     | 1.34     | 1.96     | 4.20     | 1.97     | 2.39     | 2.61     | 3.97     | 1.72     | 3.16     | 1.39     | 1.57     | 2.48     |  |
| NO <sub>2</sub> -N (μmol/l) | 0 m  | 0.86            | 0.75     | 0.87     | 0.24     | 0.70     | 1.08     | 1.17     | 1.33     | 1.93     | 1.80     | 1.68     | 2.07     | 0.25     | 0.98     | 0.25     | 0.89     | 0.23     | 0.47     | 0.77     |  |
|                             | 5 m  | 0.83            | 0.73     | 0.86     | 0.21     | 0.65     | 1.02     | 1.15     | 1.24     | 1.41     | 1.97     | 1.75     | 2.08     | 0.22     | 0.94     | 0.22     | 0.89     | 0.12     | 0.19     | 0.72     |  |
|                             | B-1m | 0.86            | 0.76     | 0.86     | 0.14     | 0.67     | 1.06     | 1.09     | 1.20     | 1.24     | 1.87     | 1.86     | 2.09     | 0.25     | 0.96     | 0.26     | 0.88     | 0.07     | 0.16     | 0.77     |  |
| NO <sub>3</sub> -N (μmol/l) | 0 m  | 4.52            | 4.87     | 4.51     | 1.01     | 4.56     | 2.93     | 3.23     | 3.45     | 4.57     | 6.52     | 5.75     | 3.23     | 0.79     | 2.83     | 0.60     | 3.73     | 0.37     | 4.01     | 4.29     |  |
|                             | 5 m  | 4.38            | 4.66     | 4.52     | 0.82     | 4.57     | 2.97     | 3.07     | 3.39     | 3.60     | 7.34     | 4.58     | 3.16     | 0.80     | 2.89     | 0.60     | 4.11     | 0.23     | 0.51     | 4.13     |  |
|                             | B-1m | 4.22            | 4.86     | 4.57     | 0.39     | 4.61     | 3.39     | 3.12     | 3.24     | 3.40     | 5.80     | 4.19     | 3.19     | 0.85     | 2.88     | 0.73     | 3.56     | 0.12     | 0.47     | 4.30     |  |
| PO <sub>4</sub> -P (μmol/l) | 0 m  | 0.66            | 0.70     | 0.68     | 0.42     | 0.67     | 0.59     | 0.66     | 0.71     | 0.88     | 0.93     | 0.85     | 0.81     | 0.43     | 0.83     | 0.43     | 0.80     | 0.40     | 0.41     | 0.90     |  |
|                             | 5 m  | 0.71            | 0.70     | 0.74     | 0.55     | 0.67     | 0.63     | 0.66     | 0.79     | 0.73     | 1.05     | 0.88     | 0.78     | 0.38     | 0.78     | 0.42     | 0.85     | 0.37     | 0.38     | 0.76     |  |
|                             | B-1m | 0.67            | 0.73     | 0.68     | 0.44     | 0.69     | 0.63     | 0.82     | 0.70     | 0.74     | 1.03     | 0.85     | 0.83     | 0.47     | 0.78     | 0.50     | 0.80     | 0.32     | 0.40     | 0.79     |  |
| クロロフィル (μg/l)               | 0 m  | 2.27            | 1.52     | 2.13     | 6.08     | 1.49     | 2.74     | 2.41     | 2.52     | 3.84     | 1.62     | 2.56     | 3.44     | 6.35     | 2.14     | 5.01     | 1.70     | 6.21     | 7.98     | 3.03     |  |
|                             | 5 m  | 1.99            | 1.48     | 2.09     | 6.34     | 1.40     | 3.80     | 2.79     | 3.21     | 6.82     | 2.54     | 3.51     | 3.58     | 6.42     | 2.52     | 5.02     | 1.74     | 6.27     | 7.08     | 2.55     |  |
|                             | B-1m | 2.36            | 1.46     | 2.16     | 6.62     | 1.47     | 2.38     | 2.62     | 5.38     | 3.44     | 2.37     | 1.98     | 3.47     | 5.84     | 2.39     | 5.33     | 1.68     | 5.97     | 6.36     | 1.82     |  |
| フェオフィチン (μg/l)              | 0 m  | 0.14            | 0.23     | 0.36     | 0.39     | 0.20     | 0.28     | 0.27     | 0.39     | 0.45     | 0.27     | 0.36     | 0.46     | 0.53     | 0.28     | 0.78     | 0.23     | 0.75     | 0.97     | 0.35     |  |
|                             | 5 m  | 0.22            | 0.18     | 0.39     | 0.41     | 0.20     | 0.28     | 0.36     | 0.43     | 0.68     | 0.47     | 0.47     | 0.49     | 0.63     | 0.31     | 0.77     | 0.23     | 0.63     | 0.66     | 0.37     |  |
|                             | B-1m | 0.27            | 0.29     | 0.47     | 0.50     | 0.26     | 0.44     | 0.97     | 0.57     | 0.43     | 0.51     | 0.82     | 0.80     | 0.68     | 0.34     | 1.32     | 0.25     | 0.65     | 0.62     | 0.32     |  |