

### (3) 微小粒子状物質 (PM2.5) 成分分析結果

微小粒子状物質 (PM2.5) は発生源が多岐にわたり、大気中の挙動も複雑であることから、対策を講じるための科学的知見の集積のため、成分分析を実施している。

平成27年度は、県は都城高専測定局で、宮崎市は祇園測定局で成分分析を実施した。

①都城高専測定局

ア) 気象条件、質量濃度、イオン成分

| 季節 | サンプリング実施時期 |    |   |    |   |    | 気象条件 |         |                          |       |        |         |                                   | 質量濃度<br>測定値<br>( $\mu\text{g}/\text{m}^3$ ) | イオン成分 ( $\mu\text{g}/\text{m}^3$ ) |                 |                    |               |                 |              |                  |                  |       |      |        |        |       |         |        |
|----|------------|----|---|----|---|----|------|---------|--------------------------|-------|--------|---------|-----------------------------------|---|------------------------------------|-----------------|--------------------|---------------|-----------------|--------------|------------------|------------------|-------|------|--------|--------|-------|---------|--------|
|    | 調査時期       |    |   |    |   |    | 主風向  | 風速(m/s) | 気温( $^{\circ}\text{C}$ ) | 湿度(%) | 雨量(mm) | 気圧(hPa) | 日射量<br>( $\text{MJ}/\text{m}^2$ ) |   | $\text{Cl}^-$                      | $\text{NO}_3^-$ | $\text{SO}_4^{2-}$ | $\text{Na}^+$ | $\text{NH}_4^+$ | $\text{K}^+$ | $\text{Mg}^{2+}$ | $\text{Ca}^{2+}$ |       |      |        |        |       |         |        |
|    | 年          | 月  | 日 | 時  | 分 | ～  |      |         |                          |       |        |         |                                   |   |                                    |                 |                    |               |                 |              |                  |                  | 年     | 月    | 日      | 時      | 分     |         |        |
| 春  | H          | 27 | 5 | 7  | 9 | 30 | ～    | H       | 27                       | 5     | 8      | 8       | 30                                | NNE   | 1.9                                | 15.0            | 91                 | 0.0           | 994.8           | 0.0          | 15.3             | 0.39             | 1.7   | 2.4  | <0.052 | 1.3    | 0.11  | 0.012   | <0.086 |
| 春  | H          | 27 | 5 | 8  | 9 | 30 | ～    | H       | 27                       | 5     | 9      | 8       | 30                                | NNE   | 2.2                                | 20.2            | 72                 | 8.5           | 994.2           | 0.0          | 19.5             | <0.20            | 0.9   | 5.5  | 0.052  | 2.6    | 0.12  | 0.0092  | <0.086 |
| 春  | H          | 27 | 5 | 9  | 9 | 30 | ～    | H       | 27                       | 5     | 10     | 8       | 30                                | NNE   | 2.4                                | 15.1            | 96                 | 19.0          | 993.7           | 0.0          | 10.4             | <0.20            | 0.98  | 2.5  | 0.23   | 1.1    | 0.16  | 0.017   | 0.19   |
| 春  | H          | 27 | 5 | 10 | 9 | 30 | ～    | H       | 27                       | 5     | 11     | 8       | 30                                | NNE   | 2.0                                | 18.8            | 76                 | 0.0           | 999.9           | 0.0          | 18.2             | 0.24             | 0.83  | 4.1  | 0.36   | 2.4    | 0.21  | 0.035   | 0.25   |
| 春  | H          | 27 | 5 | 11 | 9 | 30 | ～    | H       | 27                       | 5     | 12     | 8       | 30                                | ESE   | 2.9                                | 21.5            | 77                 | 6.0           | 996.1           | 0.0          | 18.5             | <0.20            | <0.15 | 3.2  | 0.13   | 1.3    | 0.17  | 0.015   | 0.088  |
| 春  | H          | 27 | 5 | 12 | 9 | 30 | ～    | H       | 27                       | 5     | 13     | 8       | 30                                | WSW,W                                       | 1.8                                | 16.1            | 80                 | 9.0           | 991.6           | 0.0          | 13.2             | 0.5              | 2.4   | 3.3  | 0.16   | 1.3    | 0.2   | 0.0069  | 0.087  |
| 春  | H          | 27 | 5 | 13 | 9 | 30 | ～    | H       | 27                       | 5     | 14     | 8       | 30                                | SW  | 2.1                                | 18.9            | 67                 | 0.0           | 996.9           | 0.0          | 27.3             | 0.4              | 1.3   | 5.4  | 0.19   | 2.5    | 0.17  | 0.018   | 0.11   |
| 春  | H          | 27 | 5 | 14 | 9 | 30 | ～    | H       | 27                       | 5     | 15     | 8       | 30                                | SSW   | 1.9                                | 22.6            | 87                 | 20.0          | 995.7           | 0.0          | 24.5             | 0.26             | 0.63  | 7.8  | 0.23   | 3.1    | 0.35  | 0.017   | 0.14   |
| 春  | H          | 27 | 5 | 15 | 9 | 30 | ～    | H       | 27                       | 5     | 16     | 8       | 30                                | SSW   | 2.3                                | 22.8            | 91                 | 39.0          | 991.0           | 0.0          | 15.8             | <0.20            | 0.32  | 4.5  | 0.14   | 2.4    | 0.51  | 0.0075  | 0.12   |
| 春  | H          | 27 | 5 | 16 | 9 | 30 | ～    | H       | 27                       | 5     | 17     | 8       | 30                                | SW  | 1.8                                | 20.7            | 92                 | 2.0           | 990.5           | 0.0          | 15.1             | <0.20            | 1.1   | 3.6  | 0.1    | 1.6    | 0.14  | 0.0057  | <0.086 |
| 春  | H          | 27 | 5 | 17 | 9 | 30 | ～    | H       | 27                       | 5     | 18     | 8       | 30                                | NE  | 1.8                                | 21.6            | 67                 | 2.0           | 993.0           | 0.0          | 24.8             | 0.31             | 1.3   | 5.3  | 0.18   | 2.8    | 0.18  | 0.013   | 0.21   |
| 春  | H          | 27 | 5 | 18 | 9 | 30 | ～    | H       | 27                       | 5     | 19     | 8       | 30                                | SSW   | 2.3                                | 22.1            | 95                 | 16.0          | 987.5           | 0.0          | 12.2             | <0.20            | 0.56  | 3.6  | 0.17   | 1.6    | 0.44  | <0.0045 | <0.086 |
| 春  | H          | 27 | 5 | 19 | 9 | 30 | ～    | H       | 27                       | 5     | 20     | 8       | 30                                | SSW   | 1.6                                | 23.2            | 83                 | 0.0           | 987.4           | 0.0          | 20.3             | <0.20            | 0.8   | 5.8  | 0.11   | 2.7    | 0.18  | 0.0057  | <0.086 |
| 春  | H          | 27 | 5 | 20 | 9 | 30 | ～    | H       | 27                       | 5     | 21     | 8       | 30                                | WSW,W                                       | 1.9                                | 20.5            | 64                 | 0.0           | 989.4           | 0.0          | 29.7             | <0.20            | 1     | 9.1  | 0.11   | 4      | 0.17  | 0.014   | <0.086 |
| 夏  | H          | 27 | 7 | 22 | 9 | 30 | ～    | H       | 27                       | 7     | 23     | 8       | 30                                | SSW   | 2.0                                | 25.5            | 94                 | 5.0           | 1004.1          | 0.0          | 8.4              | 0.49             | 0.38  | 2.7  | 0.16   | 0.42   | 0.46  | 0.014   | 0.059  |
| 夏  | H          | 27 | 7 | 23 | 9 | 30 | ～    | H       | 27                       | 7     | 24     | 8       | 30                                | SSW   | 2.0                                | 27.0            | 86                 | 0.0           | 1004.1          | 0.0          | 7.9              | <0.036           | 0.15  | 1.6  | 0.15   | 0.37   | 0.31  | 0.011   | 0.036  |
| 夏  | H          | 27 | 7 | 24 | 9 | 30 | ～    | H       | 27                       | 7     | 25     | 8       | 30                                | SSW,SW                                      | 2.0                                | 27.7            | 79                 | 0.5           | 1002.8          | 0.0          | 6.5              | 0.27             | 0.25  | 2.9  | 0.14   | 0.19   | 0.16  | 0.011   | 0.015  |
| 夏  | H          | 27 | 7 | 25 | 9 | 30 | ～    | H       | 27                       | 7     | 26     | 8       | 30                                | ESE   | 3.9                                | 28.2            | 69                 | 3.0           | 1001.4          | 0.0          | 4.7              | 0.21             | <0.13 | 0.85 | 0.33   | <0.030 | 0.019 | 0.021   | 0.016  |
| 夏  | H          | 27 | 7 | 26 | 9 | 30 | ～    | H       | 27                       | 7     | 27     | 8       | 30                                | SSW,SW                                      | 3.4                                | 26.4            | 89                 | 2.5           | 1000.8          | 0.0          | 9.4              | 0.19             | 0.15  | 2.4  | 0.35   | 0.64   | 0.22  | 0.024   | 0.014  |
| 夏  | H          | 27 | 7 | 27 | 9 | 30 | ～    | H       | 27                       | 7     | 28     | 8       | 30                                | SSW   | 2.0                                | 26.4            | 94                 | 4.5           | 1002.4          | 0.0          | 12.1             | 0.16             | 0.38  | 5.6  | 0.16   | 1.2    | 0.35  | 0.011   | 0.023  |
| 夏  | H          | 27 | 7 | 28 | 9 | 30 | ～    | H       | 27                       | 7     | 29     | 8       | 30                                | SW  | 2.3                                | 28.1            | 83                 | 0.0           | 1001.7          | 0.0          | 15               | 1.6              | 0.17  | 5.8  | 0.26   | 2.8    | 0.12  | 0.017   | 0.011  |
| 夏  | H          | 27 | 7 | 29 | 9 | 30 | ～    | H       | 27                       | 7     | 30     | 8       | 30                                | W   | 1.9                                | 28.7            | 78                 | 0.0           | 1001.9          | 0.0          | 19.9             | <0.036           | <0.13 | 6.9  | 0.19   | 3      | 0.16  | 0.009   | 0.015  |
| 夏  | H          | 27 | 7 | 30 | 9 | 30 | ～    | H       | 27                       | 7     | 31     | 8       | 30                                | SSW   | 1.7                                | 29.2            | 79                 | 0.0           | 1001.9          | 0.0          | 20.9             | 0.13             | 0.27  | 7.1  | 0.15   | 2.8    | 0.24  | 0.0062  | 0.019  |
| 夏  | H          | 27 | 7 | 31 | 9 | 30 | ～    | H       | 27                       | 8     | 1      | 8       | 30                                | S   | 1.9                                | 29.3            | 80                 | 0.0           | 1001.9          | 0.0          | 31.3             | <0.036           | 0.5   | 9.1  | 0.14   | 3.7    | 0.31  | 0.0071  | 0.067  |
| 夏  | H          | 27 | 8 | 1  | 9 | 30 | ～    | H       | 27                       | 8     | 2      | 8       | 30                                | SSW,SW                                      | 1.6                                | 28.9            | 72                 | 0.0           | 1003.2          | 0.0          | 30.7             | 0.16             | 0.24  | 9.2  | 0.089  | 3.7    | 0.31  | 0.0057  | 0.028  |
| 夏  | H          | 27 | 8 | 2  | 9 | 30 | ～    | H       | 27                       | 8     | 3      | 8       | 30                                | S,SSW                                       | 1.6                                | 29.2            | 71                 | 0.0           | 1003.6          | 0.0          | 30.4             | 0.12             | 0.35  | 11   | 0.086  | 4      | 0.39  | <0.0053 | 0.075  |
| 夏  | H          | 27 | 8 | 3  | 9 | 30 | ～    | H       | 27                       | 8     | 4      | 8       | 30                                | SSW   | 1.5                                | 29.0            | 71                 | 0.0           | 1002.3          | 0.0          | 35.7             | 0.38             | 0.54  | 15   | 0.043  | 4.4    | 0.19  | <0.0053 | 0.02   |
| 夏  | H          | 27 | 8 | 4  | 9 | 30 | ～    | H       | 27                       | 8     | 5      | 8       | 30                                | NNE,WSW                                     | 1.3                                | 27.2            | 84                 | 8.0           | 1000.8          | 0.0          | 34.4             | 0.25             | 0.5   | 12   | 0.059  | 4.9    | 0.25  | <0.0053 | 0.043  |

| 季節 | サンプリング実施時期 |    |    |    |   |    |   |   |    |    | 気象条件 |         |                          |             |        |         |                                   | 質量濃度<br>測定値<br>( $\mu\text{g}/\text{m}^3$ ) | イオン成分 ( $\mu\text{g}/\text{m}^3$ ) |                 |                    |               |                 |              |                  |                  |      |         |        |
|----|------------|----|----|----|---|----|---|---|----|----|------|---------|--------------------------|-------------|--------|---------|-----------------------------------|---|------------------------------------|-----------------|--------------------|---------------|-----------------|--------------|------------------|------------------|------|---------|--------|
|    | 調査時期       |    |    |    |   |    |   |   |    |    | 主風向  | 風速(m/s) | 気温( $^{\circ}\text{C}$ ) | 湿度(%)       | 雨量(mm) | 気圧(hPa) | 日射量<br>( $\text{MJ}/\text{m}^2$ ) |   | $\text{Cl}^-$                      | $\text{NO}_3^-$ | $\text{SO}_4^{2-}$ | $\text{Na}^+$ | $\text{NH}_4^+$ | $\text{K}^+$ | $\text{Mg}^{2+}$ | $\text{Ca}^{2+}$ |      |         |        |
|    | 年          | 月  | 日  | 時  | 分 | 年  | 月 | 日 | 時  | 分  |      |         |                          |             |        |         |                                   |   |                                    |                 |                    |               |                 |              |                  |                  |      |         |        |
| 秋  | H          | 27 | 10 | 21 | 9 | 30 | ~ | H | 27 | 10 | 22   | 8       | 30                       | NE          | 3.1    | 19.5    | 72                                | 0.0   | 998.4                              | 196.7           | 36.4               | 0.41          | 1.4             | 14           | 0.19             | 5                | 0.39 | 0.029   | 0.073  |
| 秋  | H          | 27 | 10 | 22 | 9 | 30 | ~ | H | 27 | 10 | 23   | 8       | 30                       | NE          | 2.5    | 18.8    | 74                                | 0.0   | 999.8                              | 223.8           | 30.1               | 0.26          | 1.3             | 8.9          | 0.17             | 3.6              | 0.4  | 0.025   | 0.058  |
| 秋  | H          | 27 | 10 | 23 | 9 | 30 | ~ | H | 27 | 10 | 24   | 8       | 30                       | NNE         | 2.2    | 19.9    | 78                                | 0.0   | 999.2                              | 186.6           | 28.9               | 0.32          | 1.2             | 8.8          | 0.21             | 3.7              | 0.32 | 0.024   | 0.06   |
| 秋  | H          | 27 | 10 | 24 | 9 | 30 | ~ | H | 27 | 10 | 25   | 8       | 30                       | N,NW        | 1.3    | 19.5    | 65                                | 0.0   | 998.0                              | 322.1           | 24.3               | 0.36          | 0.73            | 5.6          | 0.13             | 2.4              | 0.4  | 0.017   | 0.062  |
| 秋  | H          | 27 | 10 | 25 | 9 | 30 | ~ | H | 27 | 10 | 26   | 8       | 30                       | NE          | 2.5    | 16.9    | 59                                | 0.0   | 1002.2                             | 454.5           | 13.6               | 0.26          | 0.62            | 2.7          | 0.23             | 1.1              | 0.16 | 0.021   | 0.026  |
| 秋  | H          | 27 | 10 | 26 | 9 | 30 | ~ | H | 27 | 10 | 27   | 8       | 30                       | N           | 1.2    | 17.4    | 79                                | 0.0   | 1000.6                             | 315.1           | 15.6               | 0.35          | 1               | 2.1          | 0.13             | 1.2              | 0.28 | 0.014   | <0.025 |
| 秋  | H          | 27 | 10 | 29 | 9 | 30 | ~ | H | 27 | 10 | 30   | 8       | 30                       | NNE,SW      | 1.3    | 16.4    | 63                                | 0.0   | 1003.4                             | 444.9           | 18.6               | 0.13          | 1               | 3.1          | 0.078            | 1.4              | 0.31 | 0.0085  | 0.03   |
| 秋  | H          | 27 | 10 | 30 | 9 | 30 | ~ | H | 27 | 10 | 31   | 8       | 30                       | NNE         | 1.3    | 13.1    | 94                                | 15.0  | 1004.7                             | 166.9           | 20.5               | 0.27          | 3.1             | 4.1          | 0.039            | 2.5              | 0.25 | <0.0040 | <0.025 |
| 秋  | H          | 27 | 10 | 31 | 9 | 30 | ~ | H | 27 | 11 | 1    | 8       | 30                       | NNE,NE      | 1.6    | 14.6    | 77                                | 0.0   | 1005.0                             | 396.1           | 20.4               | 0.16          | 1.8             | 4.5          | 0.067            | 2.3              | 0.21 | 0.016   | 0.038  |
| 秋  | H          | 27 | 11 | 1  | 9 | 30 | ~ | H | 27 | 11 | 2    | 8       | 30                       | N           | 1.7    | 15.4    | 85                                | 4.0   | 1002.9                             | 278.3           | 17.8               | 0.52          | 1.8             | 3.4          | 0.078            | 2                | 0.33 | 0.009   | <0.025 |
| 秋  | H          | 27 | 11 | 2  | 9 | 30 | ~ | H | 27 | 11 | 3    | 8       | 30                       | WNW         | 0.9    | 12.6    | 84                                | 0.0   | 1004.6                             | 364.9           | 12.2               | <0.063        | 0.97            | 2.7          | 0.021            | 1.4              | 0.16 | <0.0040 | 0.027  |
| 秋  | H          | 27 | 11 | 3  | 9 | 30 | ~ | H | 27 | 11 | 4    | 8       | 30                       | NNE,NE,NNW  | 1.3    | 13.5    | 73                                | 0.0   | 1009.2                             | 333.3           | 20.4               | 0.16          | 1.4             | 4.7          | 0.072            | 2.3              | 0.23 | <0.0040 | 0.043  |
| 秋  | H          | 27 | 11 | 4  | 9 | 30 | ~ | H | 27 | 11 | 5    | 8       | 30                       | NE          | 2.5    | 17.0    | 78                                | 0.0   | 1007.9                             | 430.5           | 13.2               | 0.12          | 0.78            | 2.6          | 0.094            | 1.3              | 0.14 | <0.0040 | 0.026  |
| 秋  | H          | 27 | 11 | 5  | 9 | 30 | ~ | H | 27 | 11 | 6    | 8       | 30                       | NE          | 1.9    | 17.4    | 86                                | 0.0   | 1005.2                             | 358.7           | 12                 | 0.33          | 0.8             | 2            | 0.084            | 1.1              | 0.13 | <0.0040 | <0.025 |
| 冬  | H          | 28 | 1  | 20 | 9 | 30 | ~ | H | 28 | 1  | 21   | 8       | 30                       | N,W         | 1.4    | 1.8     | 71                                | 0.0   | 1005.9                             | 0.0             | 15.3               | 0.22          | 1.4             | 3.6          | 0.14             | 1.8              | 0.31 | 0.019   | 0.042  |
| 冬  | H          | 28 | 1  | 21 | 9 | 30 | ~ | H | 28 | 1  | 22   | 8       | 30                       | NW          | 0.9    | 3.3     | 83                                | 0.0   | 1003.3                             | 0.0             | 19.7               | 0.36          | 3               | 3            | 0.069            | 2.3              | 0.32 | 0.0026  | 0.04   |
| 冬  | H          | 28 | 1  | 22 | 9 | 30 | ~ | H | 28 | 1  | 23   | 8       | 30                       | NNE         | 1.4    | 6.4     | 67                                | 0.0   | 1003.1                             | 0.0             | 16.5               | 0.5           | 2.8             | 2.6          | 0.066            | 2.1              | 0.22 | 0.0026  | 0.039  |
| 冬  | H          | 28 | 1  | 23 | 9 | 30 | ~ | H | 28 | 1  | 24   | 8       | 30                       | WSW         | 2.0    | 3.2     | 68                                | 0.0   | 1000.7                             | 0.0             | 20                 | <0.15         | 2.9             | 4.4          | 0.081            | 2.7              | 0.19 | 0.008   | 0.056  |
| 冬  | H          | 28 | 1  | 24 | 9 | 30 | ~ | H | 28 | 1  | 25   | 8       | 30                       | N           | 2.5    | -3.3    | 82                                | 0.0   | 1003.3                             | 0.0             | 7.4                | <0.15         | 0.61            | 2            | 0.06             | 0.94             | 0.12 | 0.0019  | 0.024  |
| 冬  | H          | 28 | 1  | 26 | 9 | 30 | ~ | H | 28 | 1  | 27   | 8       | 30                       | WSW,WNW     | 1.6    | 4.5     | 82                                | 0.0   | 1009.5                             | 0.0             | 20.6               | 0.6           | 1.6             | 6.1          | 0.1              | 3                | 0.47 | 0.0042  | 0.037  |
| 冬  | H          | 28 | 1  | 27 | 9 | 30 | ~ | H | 28 | 1  | 28   | 8       | 30                       | N,WSW,NNW   | 1.1    | 7.1     | 78                                | 0.0   | 1011.4                             | 0.0             | 25.7               | 0.62          | 2.5             | 4.8          | 0.11             | 2.6              | 0.67 | 0.015   | 0.068  |
| 冬  | H          | 28 | 1  | 28 | 9 | 30 | ~ | H | 28 | 1  | 29   | 8       | 30                       | N,NNE       | 1.2    | 12.0    | 86                                | 30.5  | 1005.3                             | 0.0             | 35.2               | 1.1           | 4.1             | 4.1          | 0.083            | 3.3              | 0.48 | 0.0091  | 0.05   |
| 冬  | H          | 28 | 1  | 29 | 9 | 30 | ~ | H | 28 | 1  | 30   | 8       | 30                       | SSW         | 2.1    | 14.8    | 97                                | 30.0  | 996.9                              | 0.0             | 7.4                | 0.2           | 0.63            | 1.4          | 0.047            | 0.45             | 0.7  | 0.0042  | 0.041  |
| 冬  | H          | 28 | 1  | 30 | 9 | 30 | ~ | H | 28 | 1  | 31   | 8       | 30                       | SW          | 1.4    | 9.5     | 89                                | 0.0   | 1001.8                             | 0.0             | 9.2                | 0.16          | 0.92            | 1.4          | 0.21             | 0.65             | 0.25 | 0.011   | 0.069  |
| 冬  | H          | 28 | 1  | 31 | 9 | 30 | ~ | H | 28 | 2  | 1    | 8       | 30                       | E,SSE,SW,NW | 1.7    | 9.1     | 74                                | 1.5   | 1004.9                             | 0.0             | 26                 | 0.28          | 3.5             | 5.8          | 0.085            | 3.5              | 0.39 | 0.013   | 0.042  |
| 冬  | H          | 28 | 2  | 1  | 9 | 30 | ~ | H | 28 | 2  | 2    | 8       | 30                       | WNW         | 1.1    | 5.9     | 74                                | 0.0   | 1002.9                             | 0.0             | 30.3               | 0.44          | 5.5             | 6.7          | 0.1              | 4.3              | 0.33 | 0.013   | 0.037  |
| 冬  | H          | 28 | 2  | 2  | 9 | 30 | ~ | H | 28 | 2  | 3    | 8       | 30                       | N           | 1.4    | 3.9     | 69                                | 0.0   | 1003.2                             | 0.0             | 19.6               | 0.4           | 4.3             | 4            | 0.092            | 2.6              | 0.38 | 0.0091  | 0.055  |
| 冬  | H          | 28 | 2  | 3  | 9 | 30 | ~ | H | 28 | 2  | 4    | 8       | 30                       | ESE,W,WNW   | 1.2    | 4.7     | 68                                | 0.0   | 1005.5                             | 0.0             | 16.5               | 0.17          | 2.2             | 2.6          | 0.042            | 1.7              | 0.25 | 0.0065  | 0.036  |

イ)無機元素成分1

| 季節 | サンプリング実施時期 |    |   |    |   |    |   |   | 無機元素(ng/m <sup>3</sup> ) (*は実施推奨項目を表す) |    |     |   |    |      |      |      |     |     |        |       |      |       |       |     |        |      |       |     |
|----|------------|----|---|----|---|----|---|---|--|----|-----|---|----|------|------|------|-----|-----|--------|-------|------|-------|-------|-----|--------|------|-------|-----|
|    | 調査時期       |    |   |    |   |    |   |   | Na                                     | Al | Si* | K | Ca | Sc   | Ti*  | V    | Cr  | Mn* | Fe     | Co*   | Ni   | Cu*   | Zn    |     |        |      |       |     |
|    | 年          | 月  | 日 | 時  | 分 | ～  | 年 | 月 |  |    |     |   |    |      |      |      |     |     |        |       |      |       |       | 日   | 時      | 分    |       |     |
| 春  | H          | 27 | 5 | 7  | 9 | 30 | ～ | H | 27                                     | 5  | 8   | 8 | 30 | 19   | 30   | 180  | 83  | 11  | <0.28  | 3     | 1    | 0.53  | 1.4   | 32  | <0.34  | 0.34 | 0.72  | 78  |
| 春  | H          | 27 | 5 | 8  | 9 | 30 | ～ | H | 27                                     | 5  | 9   | 8 | 30 | 55   | 91   | 330  | 150 | 73  | <0.28  | 4.4   | 1.4  | 1.3   | 1.9   | 45  | <0.34  | 2    | 1.2   | 52  |
| 春  | H          | 27 | 5 | 9  | 9 | 30 | ～ | H | 27                                     | 5  | 10  | 8 | 30 | <2.5 | 6.1  | 120  | 89  | 33  | <0.28  | 1.4   | 1    | <0.29 | 0.89  | 20  | <0.34  | 0.44 | <0.39 | 35  |
| 春  | H          | 27 | 5 | 10 | 9 | 30 | ～ | H | 27                                     | 5  | 11  | 8 | 30 | 56   | 150  | 500  | 170 | 95  | <0.28  | 5.1   | 1.9  | 0.7   | 4.2   | 120 | <0.34  | 0.7  | 1.9   | 67  |
| 春  | H          | 27 | 5 | 11 | 9 | 30 | ～ | H | 27                                     | 5  | 12  | 8 | 30 | 210  | 110  | 630  | 310 | 87  | <0.28  | 5.2   | 2.4  | 0.65  | 3.7   | 84  | <0.34  | 1.3  | 1.4   | 41  |
| 春  | H          | 27 | 5 | 12 | 9 | 30 | ～ | H | 27                                     | 5  | 13  | 8 | 30 | 87   | 170  | 550  | 220 | 51  | <0.28  | 6.2   | 0.73 | 0.4   | 3.8   | 97  | <0.34  | 0.65 | 1.9   | 13  |
| 春  | H          | 27 | 5 | 13 | 9 | 30 | ～ | H | 27                                     | 5  | 14  | 8 | 30 | 230  | 500  | 2500 | 320 | 220 | <0.28  | 24    | 1.9  | 1.4   | 11    | 280 | <0.34  | 1.1  | 3.5   | 47  |
| 春  | H          | 27 | 5 | 14 | 9 | 30 | ～ | H | 27                                     | 5  | 15  | 8 | 30 | 170  | 420  | 2000 | 390 | 200 | <0.28  | 14    | 1.7  | 0.4   | 4.1   | 160 | <0.34  | 0.57 | 1.9   | 13  |
| 春  | H          | 27 | 5 | 15 | 9 | 30 | ～ | H | 27                                     | 5  | 16  | 8 | 30 | 90   | 210  | 820  | 530 | 120 | <0.28  | 6.9   | 1.5  | 0.61  | 2.4   | 90  | <0.34  | 0.79 | 1.7   | 21  |
| 春  | H          | 27 | 5 | 16 | 9 | 30 | ～ | H | 27                                     | 5  | 17  | 8 | 30 | 48   | 61   | 270  | 190 | 65  | <0.28  | 4.1   | 1.9  | 0.46  | 2.8   | 57  | <0.34  | 0.88 | 1.6   | 45  |
| 春  | H          | 27 | 5 | 17 | 9 | 30 | ～ | H | 27                                     | 5  | 18  | 8 | 30 | 140  | 290  | 730  | 250 | 86  | <0.28  | 9.4   | 4.3  | 0.97  | 5.5   | 130 | <0.34  | 1.3  | 2.2   | 110 |
| 春  | H          | 27 | 5 | 18 | 9 | 30 | ～ | H | 27                                     | 5  | 19  | 8 | 30 | 130  | 8.4  | 85   | 500 | 17  | <0.28  | 0.99  | 2.7  | 0.46  | 1.2   | 20  | <0.34  | 1.1  | 1.2   | 16  |
| 春  | H          | 27 | 5 | 19 | 9 | 30 | ～ | H | 27                                     | 5  | 20  | 8 | 30 | 84   | 77   | 160  | 120 | 82  | <0.28  | 2.7   | 2.4  | <0.29 | 1.3   | 30  | <0.34  | 0.89 | 0.76  | 37  |
| 春  | H          | 27 | 5 | 20 | 9 | 30 | ～ | H | 27                                     | 5  | 21  | 8 | 30 | 120  | 370  | 1600 | 220 | 200 | <0.28  | 13    | 4.3  | 1.7   | 9.2   | 190 | <0.34  | 1.9  | 3.9   | 77  |
| 夏  | H          | 27 | 7 | 22 | 9 | 30 | ～ | H | 27                                     | 7  | 23  | 8 | 30 | 75   | <3.9 | 58   | 180 | 130 | <0.046 | 1.7   | 2.1  | 0.42  | 1.7   | 33  | 0.08   | 1.9  | 1.4   | 33  |
| 夏  | H          | 27 | 7 | 23 | 9 | 30 | ～ | H | 27                                     | 7  | 24  | 8 | 30 | 140  | <3.9 | 50   | 63  | 9.4 | <0.046 | 0.28  | 0.53 | 0.32  | 0.091 | 2.8 | 0.041  | 0.49 | <0.27 | 4.3 |
| 夏  | H          | 27 | 7 | 24 | 9 | 30 | ～ | H | 27                                     | 7  | 25  | 8 | 30 | 88   | <3.9 | 86   | 42  | 62  | <0.046 | <0.17 | 0.34 | 0.23  | 0.15  | 4.3 | 0.08   | 0.42 | 0.96  | 12  |
| 夏  | H          | 27 | 7 | 25 | 9 | 30 | ～ | H | 27                                     | 7  | 26  | 8 | 30 | 270  | 190  | 100  | 27  | 51  | <0.046 | 2.9   | 0.43 | 0.21  | 0.37  | 6   | 0.081  | 0.69 | 0.37  | 47  |
| 夏  | H          | 27 | 7 | 26 | 9 | 30 | ～ | H | 27                                     | 7  | 27  | 8 | 30 | 210  | 39   | 64   | 100 | 58  | <0.046 | 0.22  | 2.4  | 0.56  | 0.42  | 12  | 0.062  | 1.1  | <0.27 | 4   |
| 夏  | H          | 27 | 7 | 27 | 9 | 30 | ～ | H | 27                                     | 7  | 28  | 8 | 30 | 61   | 18   | 93   | 140 | 38  | <0.046 | 0.53  | 1.6  | 0.37  | 0.37  | 9.3 | 0.076  | 0.34 | 0.39  | 4.1 |
| 夏  | H          | 27 | 7 | 28 | 9 | 30 | ～ | H | 27                                     | 7  | 29  | 8 | 30 | 340  | 70   | 240  | 170 | 60  | <0.046 | 1.5   | 3.4  | 1.7   | 1.5   | 25  | 0.045  | 2    | 1.6   | 18  |
| 夏  | H          | 27 | 7 | 29 | 9 | 30 | ～ | H | 27                                     | 7  | 30  | 8 | 30 | 210  | 28   | 270  | 140 | 25  | <0.046 | 1.9   | 4.2  | 0.32  | 2     | 35  | <0.033 | 1    | 1.9   | 18  |
| 夏  | H          | 27 | 7 | 30 | 9 | 30 | ～ | H | 27                                     | 7  | 31  | 8 | 30 | 150  | 68   | 400  | 200 | 110 | <0.046 | 2.9   | 4.3  | 0.53  | 1.9   | 41  | 0.12   | 2.3  | 2.3   | 23  |
| 夏  | H          | 27 | 7 | 31 | 9 | 30 | ～ | H | 27                                     | 8  | 1   | 8 | 30 | 140  | 150  | 280  | 290 | 62  | <0.046 | 7.9   | 7.9  | 1.2   | 3.2   | 71  | <0.033 | 3.6  | 3     | 43  |
| 夏  | H          | 27 | 8 | 1  | 9 | 30 | ～ | H | 27                                     | 8  | 2   | 8 | 30 | 130  | 110  | 430  | 280 | 94  | <0.046 | 3.7   | 3.6  | 0.73  | 3     | 66  | 0.054  | 1.7  | 5.1   | 27  |
| 夏  | H          | 27 | 8 | 2  | 9 | 30 | ～ | H | 27                                     | 8  | 3   | 8 | 30 | 130  | 180  | 320  | 370 | 120 | <0.046 | 9.7   | 4    | 0.81  | 3.1   | 73  | <0.033 | 1.7  | 4.1   | 34  |
| 夏  | H          | 27 | 8 | 3  | 9 | 30 | ～ | H | 27                                     | 8  | 4   | 8 | 30 | 130  | 180  | 820  | 170 | 180 | <0.046 | 4     | 4.6  | 0.4   | 2.8   | 74  | 0.089  | 2.5  | 2     | 73  |
| 夏  | H          | 27 | 8 | 4  | 9 | 30 | ～ | H | 27                                     | 8  | 5   | 8 | 30 | 160  | 99   | 430  | 230 | 270 | <0.046 | 4.5   | 2.8  | 0.22  | 2.7   | 60  | <0.033 | 1.1  | 3     | 27  |

| 季節 | サンプリング実施時期 |    |    |    |   |    |   |   |    |    | 無機元素(ng/m <sup>3</sup> ) (*は実施推奨項目を表す) |    |     |     |      |     |     |      |        |      |      |        |      |     |       |       |      |     |
|----|------------|----|----|----|---|----|---|---|----|----|--|----|-----|-----|------|-----|-----|------|--------|------|------|--------|------|-----|-------|-------|------|-----|
|    | 調査時期       |    |    |    |   |    |   |   |    |    | Na                                     | Al | Si* | K   | Ca   | Sc  | Ti* | V    | Cr     | Mn*  | Fe   | Co*    | Ni   | Cu* | Zn    |       |      |     |
|    | 年          | 月  | 日  | 時  | 分 | ～  | 年 | 月 | 日  | 時  |  |    |     |     |      |     |     |      |        |      |      |        |      |     |       | 分     |      |     |
| 秋  | H          | 27 | 10 | 21 | 9 | 30 | ～ | H | 27 | 10 | 22                                     | 8  | 30  | 200 | 160  | 660 | 350 | 90   | <0.22  | 6    | 3.7  | 1.5    | 9.7  | 150 | <0.15 | 1.7   | 4.1  | 72  |
| 秋  | H          | 27 | 10 | 22 | 9 | 30 | ～ | H | 27 | 10 | 23                                     | 8  | 30  | 260 | 140  | 730 | 400 | 120  | <0.22  | 28   | 3.3  | 1.8    | 10   | 170 | <0.15 | 2.1   | 3.9  | 200 |
| 秋  | H          | 27 | 10 | 23 | 9 | 30 | ～ | H | 27 | 10 | 24                                     | 8  | 30  | 140 | 52   | 530 | 190 | 48   | <0.22  | 3.2  | 2.7  | 0.85   | 3.7  | 63  | <0.15 | 0.72  | 1.5  | 50  |
| 秋  | H          | 27 | 10 | 24 | 9 | 30 | ～ | H | 27 | 10 | 25                                     | 8  | 30  | 200 | 210  | 820 | 410 | 130  | <0.22  | 120  | 1.7  | 0.6    | 5.5  | 120 | <0.15 | 0.96  | 2.6  | 62  |
| 秋  | H          | 27 | 10 | 25 | 9 | 30 | ～ | H | 27 | 10 | 26                                     | 8  | 30  | 270 | 77   | 390 | 160 | 58   | <0.22  | 4.6  | 1.3  | 0.57   | 3    | 59  | <0.15 | 0.93  | 1.3  | 44  |
| 秋  | H          | 27 | 10 | 26 | 9 | 30 | ～ | H | 27 | 10 | 27                                     | 8  | 30  | 140 | 60   | 270 | 260 | 29   | <0.22  | 1    | 2    | 0.15   | 2.6  | 40  | <0.15 | 1.1   | 1.6  | 85  |
| 秋  | H          | 27 | 10 | 29 | 9 | 30 | ～ | H | 27 | 10 | 30                                     | 8  | 30  | 120 | 100  | 640 | 350 | 74   | <0.22  | 9    | 1.6  | 0.48   | 6.3  | 95  | <0.15 | 0.79  | 2.2  | 40  |
| 秋  | H          | 27 | 10 | 30 | 9 | 30 | ～ | H | 27 | 10 | 31                                     | 8  | 30  | 26  | 13   | 240 | 140 | <5.2 | <0.22  | 1.2  | 0.52 | 0.4    | 2.3  | 25  | <0.15 | 0.23  | 1.1  | 40  |
| 秋  | H          | 27 | 10 | 31 | 9 | 30 | ～ | H | 27 | 11 | 1                                      | 8  | 30  | 68  | 47   | 400 | 200 | 30   | <0.22  | 3.1  | 1.7  | 1      | 4.6  | 75  | <0.15 | 0.91  | 1.8  | 83  |
| 秋  | H          | 27 | 11 | 1  | 9 | 30 | ～ | H | 27 | 11 | 2                                      | 8  | 30  | 73  | 22   | 210 | 280 | 21   | <0.22  | 2.3  | 1.8  | 0.3    | 2.6  | 40  | <0.15 | 0.69  | 1.3  | 20  |
| 秋  | H          | 27 | 11 | 2  | 9 | 30 | ～ | H | 27 | 11 | 3                                      | 8  | 30  | 11  | 5.6  | 120 | 84  | <5.2 | <0.22  | 0.65 | 0.85 | 0.25   | 1    | 13  | <0.15 | 0.3   | 0.88 | 10  |
| 秋  | H          | 27 | 11 | 3  | 9 | 30 | ～ | H | 27 | 11 | 4                                      | 8  | 30  | 22  | 41   | 480 | 61  | 14   | <0.22  | 0.56 | 0.65 | 0.77   | 1.3  | 20  | <0.15 | 0.61  | 0.86 | 32  |
| 秋  | H          | 27 | 11 | 4  | 9 | 30 | ～ | H | 27 | 11 | 5                                      | 8  | 30  | 50  | 17   | 310 | 94  | 20   | <0.22  | 0.69 | 1.4  | 0.44   | 1.8  | 27  | <0.15 | 0.54  | 0.84 | 52  |
| 秋  | H          | 27 | 11 | 5  | 9 | 30 | ～ | H | 27 | 11 | 6                                      | 8  | 30  | 81  | 37   | 220 | 130 | 22   | <0.22  | 1.6  | 2    | 0.38   | 2.6  | 39  | <0.15 | 1.1   | 1    | 94  |
| 冬  | H          | 28 | 1  | 20 | 9 | 30 | ～ | H | 28 | 1  | 21                                     | 8  | 30  | 190 | 23   | 290 | 290 | 58   | <0.015 | 2.7  | 0.7  | 0.2    | 2.7  | 33  | <0.24 | 0.31  | 1.2  | 42  |
| 冬  | H          | 28 | 1  | 21 | 9 | 30 | ～ | H | 28 | 1  | 22                                     | 8  | 30  | 55  | 72   | 120 | 330 | 34   | <0.015 | 2.8  | 1.5  | 0.13   | 3.3  | 41  | <0.24 | 0.25  | 1.5  | 62  |
| 冬  | H          | 28 | 1  | 22 | 9 | 30 | ～ | H | 28 | 1  | 23                                     | 8  | 30  | 52  | 53   | 150 | 210 | 42   | <0.015 | 2.3  | 1.2  | 0.43   | 3.4  | 46  | <0.24 | 0.55  | 1.6  | 35  |
| 冬  | H          | 28 | 1  | 23 | 9 | 30 | ～ | H | 28 | 1  | 24                                     | 8  | 30  | 79  | 78   | 220 | 160 | 34   | <0.015 | 1.5  | 1.2  | 0.39   | 3    | 37  | <0.24 | 0.38  | 1.2  | 19  |
| 冬  | H          | 28 | 1  | 24 | 9 | 30 | ～ | H | 28 | 1  | 25                                     | 8  | 30  | 45  | 23   | 98  | 110 | 19   | <0.015 | 0.85 | 0.38 | <0.098 | 0.72 | 13  | <0.24 | 0.21  | 0.59 | 23  |
| 冬  | H          | 28 | 1  | 26 | 9 | 30 | ～ | H | 28 | 1  | 27                                     | 8  | 30  | 98  | 99   | 200 | 470 | 57   | <0.015 | 2.4  | 0.95 | 0.16   | 2    | 39  | <0.24 | 0.48  | 2.7  | 25  |
| 冬  | H          | 28 | 1  | 27 | 9 | 30 | ～ | H | 28 | 1  | 28                                     | 8  | 30  | 95  | 82   | 350 | 630 | 61   | <0.015 | 4.7  | 1.2  | 0.9    | 4.2  | 69  | <0.24 | 0.23  | 2.7  | 35  |
| 冬  | H          | 28 | 1  | 28 | 9 | 30 | ～ | H | 28 | 1  | 29                                     | 8  | 30  | 82  | 86   | 330 | 590 | 63   | <0.015 | 6.6  | 2.3  | 0.55   | 5.8  | 80  | <0.24 | 1.2   | 4.1  | 59  |
| 冬  | H          | 28 | 1  | 29 | 9 | 30 | ～ | H | 28 | 1  | 30                                     | 8  | 30  | 27  | 5    | <21 | 670 | 17   | 0.05   | 2.2  | 0.23 | 0.3    | 0.84 | 12  | <0.24 | <0.20 | 1.6  | 13  |
| 冬  | H          | 28 | 1  | 30 | 9 | 30 | ～ | H | 28 | 1  | 31                                     | 8  | 30  | 23  | <3.4 | <21 | 170 | 13   | <0.015 | 2.1  | 0.27 | 0.46   | 0.84 | 14  | <0.24 | <0.20 | 0.64 | 120 |
| 冬  | H          | 28 | 1  | 31 | 9 | 30 | ～ | H | 28 | 2  | 1                                      | 8  | 30  | 88  | 35   | 170 | 350 | 37   | 0.028  | 2.9  | 1.3  | 0.99   | 4.3  | 49  | <0.24 | 0.3   | 2.6  | 97  |
| 冬  | H          | 28 | 2  | 1  | 9 | 30 | ～ | H | 28 | 2  | 2                                      | 8  | 30  | 110 | 45   | 170 | 290 | 22   | 0.036  | 2.2  | 2.2  | 0.96   | 5.6  | 62  | <0.24 | <0.20 | 2    | 32  |
| 冬  | H          | 28 | 2  | 2  | 9 | 30 | ～ | H | 28 | 2  | 3                                      | 8  | 30  | 69  | 14   | 260 | 230 | 43   | <0.015 | 1.5  | 1.3  | 0.66   | 2.9  | 33  | <0.24 | <0.20 | 1.5  | 41  |
| 冬  | H          | 28 | 2  | 3  | 9 | 30 | ～ | H | 28 | 2  | 4                                      | 8  | 30  | 74  | 27   | 380 | 190 | 38   | <0.015 | 1.6  | 1.2  | 0.41   | 1.8  | 25  | <0.24 | <0.20 | 1.5  | 41  |

ウ)無機元素成分2

| 季節 | サンプリング実施時期 |    |   |    |   |    |   |   |    |   | 無機元素 (ng/m3) (*は実施推奨項目を表す) |     |     |        |       |        |        |       |        |       |        |        |        |        |       |        |        |      |
|----|------------|----|---|----|---|----|---|---|----|---|----------------------------|-----|-----|--------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|-------|--------|--------|------|
|    | 調査時期       |    |   |    |   |    |   |   |    |   | As                         | Se* | Rb* | Mo*    | Sb    | Cs*    | Ba*    | La*   | Ce*    | Sm*   | Hf*    | W*     | Ta*    | Th*    | Pb    |        |        |      |
|    | 年          | 月  | 日 | 時  | 分 | ～  | 年 | 月 | 日  | 時 |                            |     |     |        |       |        |        |       |        |       |        |        |        |        |       | 分      |        |      |
| 春  | H          | 27 | 5 | 7  | 9 | 30 | ～ | H | 27 | 5 | 8                          | 8   | 30  | 0.73   | 1.6   | 0.17   | 0.096  | 0.61  | 0.041  | 0.61  | <0.049 | <0.18  | <0.13  | <0.047 | 0.14  | 0.35   | <0.035 | 2    |
| 春  | H          | 27 | 5 | 8  | 9 | 30 | ～ | H | 27 | 5 | 9                          | 8   | 30  | 0.53   | 2.6   | 0.49   | 0.7    | 0.28  | 0.041  | 1.4   | 0.084  | 0.19   | <0.13  | <0.047 | 0.3   | 0.17   | <0.035 | 1.6  |
| 春  | H          | 27 | 5 | 9  | 9 | 30 | ～ | H | 27 | 5 | 10                         | 8   | 30  | 0.34   | 0.87  | 0.31   | 0.061  | 0.36  | <0.040 | 0.088 | <0.049 | <0.18  | <0.13  | <0.047 | 0.061 | <0.17  | <0.035 | 1.4  |
| 春  | H          | 27 | 5 | 10 | 9 | 30 | ～ | H | 27 | 5 | 11                         | 8   | 30  | 0.77   | 1.6   | 0.79   | 0.45   | 0.69  | 0.14   | 2.1   | 0.11   | <0.18  | <0.13  | 0.055  | 0.55  | <0.17  | 0.042  | 5.4  |
| 春  | H          | 27 | 5 | 11 | 9 | 30 | ～ | H | 27 | 5 | 12                         | 8   | 30  | 1.1    | 1.8   | 1      | 0.32   | 0.32  | 0.074  | 1.5   | 0.077  | <0.18  | <0.13  | <0.047 | 0.31  | <0.17  | <0.035 | 5.1  |
| 春  | H          | 27 | 5 | 12 | 9 | 30 | ～ | H | 27 | 5 | 13                         | 8   | 30  | 1.1    | 2.1   | 0.89   | 0.16   | 0.47  | 0.074  | 1.3   | 0.068  | <0.18  | <0.13  | <0.047 | 0.22  | <0.17  | <0.035 | 6.8  |
| 春  | H          | 27 | 5 | 13 | 9 | 30 | ～ | H | 27 | 5 | 14                         | 8   | 30  | 2      | 3.5   | 1.1    | 0.48   | 0.85  | 0.15   | 5.2   | 0.29   | 0.52   | <0.13  | <0.047 | 0.24  | <0.17  | 0.065  | 13   |
| 春  | H          | 27 | 5 | 14 | 9 | 30 | ～ | H | 27 | 5 | 15                         | 8   | 30  | 1.4    | 1     | 1.4    | 0.33   | 0.21  | 0.043  | 1.5   | 0.11   | <0.18  | <0.13  | <0.047 | 0.22  | <0.17  | <0.035 | 2.9  |
| 春  | H          | 27 | 5 | 15 | 9 | 30 | ～ | H | 27 | 5 | 16                         | 8   | 30  | 7      | 0.45  | 1.7    | 0.11   | 0.19  | 0.054  | 1.8   | 0.058  | <0.18  | <0.13  | <0.047 | 0.21  | <0.17  | <0.035 | 2.2  |
| 春  | H          | 27 | 5 | 16 | 9 | 30 | ～ | H | 27 | 5 | 17                         | 8   | 30  | 1      | 0.78  | 0.46   | 0.37   | 0.63  | 0.049  | 1.9   | 0.054  | <0.18  | <0.13  | <0.047 | 0.34  | <0.17  | <0.035 | 5.4  |
| 春  | H          | 27 | 5 | 17 | 9 | 30 | ～ | H | 27 | 5 | 18                         | 8   | 30  | 2.3    | 2     | 0.73   | 0.46   | 0.57  | 0.077  | 2.5   | 0.16   | 0.4    | <0.13  | 0.047  | 0.31  | <0.17  | 0.072  | 9.6  |
| 春  | H          | 27 | 5 | 18 | 9 | 30 | ～ | H | 27 | 5 | 19                         | 8   | 30  | 2.6    | 0.67  | 1.1    | 0.28   | 0.31  | 0.049  | 0.66  | <0.049 | <0.18  | <0.13  | <0.047 | 0.23  | <0.17  | <0.035 | 2.2  |
| 春  | H          | 27 | 5 | 19 | 9 | 30 | ～ | H | 27 | 5 | 20                         | 8   | 30  | 0.37   | 1     | 0.2    | 0.21   | 0.32  | <0.040 | 0.75  | <0.049 | <0.18  | <0.13  | <0.047 | 0.25  | <0.17  | <0.035 | 1.3  |
| 春  | H          | 27 | 5 | 20 | 9 | 30 | ～ | H | 27 | 5 | 21                         | 8   | 30  | 1.8    | 2.1   | 0.8    | 0.92   | 1.3   | 0.18   | 4.3   | 0.2    | 0.36   | <0.13  | <0.047 | 0.12  | <0.17  | 0.058  | 15   |
| 夏  | H          | 27 | 7 | 22 | 9 | 30 | ～ | H | 27 | 7 | 23                         | 8   | 30  | 0.59   | <0.21 | 1.4    | 0.4    | 0.29  | <0.057 | 2.6   | 0.049  | <0.060 | <0.039 | <0.053 | <0.12 | 0.097  | <0.027 | 1.1  |
| 夏  | H          | 27 | 7 | 23 | 9 | 30 | ～ | H | 27 | 7 | 24                         | 8   | 30  | <0.069 | <0.21 | 0.35   | 0.12   | <0.11 | <0.057 | <0.36 | <0.038 | 0.11   | <0.039 | <0.053 | <0.12 | 0.11   | <0.027 | 0.51 |
| 夏  | H          | 27 | 7 | 24 | 9 | 30 | ～ | H | 27 | 7 | 25                         | 8   | 30  | 0.091  | <0.21 | 0.25   | <0.086 | 0.11  | <0.057 | 0.91  | <0.038 | <0.060 | <0.039 | <0.053 | <0.12 | <0.094 | <0.027 | 0.26 |
| 夏  | H          | 27 | 7 | 25 | 9 | 30 | ～ | H | 27 | 7 | 26                         | 8   | 30  | 0.12   | <0.21 | <0.083 | <0.086 | <0.11 | <0.057 | 1.2   | 0.043  | 0.07   | <0.039 | <0.053 | <0.12 | 0.16   | <0.027 | 0.31 |
| 夏  | H          | 27 | 7 | 26 | 9 | 30 | ～ | H | 27 | 7 | 27                         | 8   | 30  | 0.34   | <0.21 | 0.59   | <0.086 | <0.11 | 0.07   | 0.36  | <0.038 | <0.060 | <0.039 | 0.14   | <0.12 | 0.11   | <0.027 | 0.7  |
| 夏  | H          | 27 | 7 | 27 | 9 | 30 | ～ | H | 27 | 7 | 28                         | 8   | 30  | 0.3    | <0.21 | 0.48   | 0.13   | 0.17  | <0.057 | 0.81  | 0.043  | <0.060 | 0.05   | <0.053 | <0.12 | <0.094 | <0.027 | 0.65 |
| 夏  | H          | 27 | 7 | 28 | 9 | 30 | ～ | H | 27 | 7 | 29                         | 8   | 30  | 0.47   | 1.2   | 0.28   | 0.28   | 0.21  | <0.057 | 4.8   | 0.058  | 0.14   | <0.039 | <0.053 | 0.61  | <0.094 | <0.027 | 3.2  |
| 夏  | H          | 27 | 7 | 29 | 9 | 30 | ～ | H | 27 | 7 | 30                         | 8   | 30  | 0.55   | 1.3   | 0.63   | 0.23   | 0.31  | <0.057 | 1     | <0.038 | <0.060 | <0.039 | <0.053 | 0.85  | <0.094 | <0.027 | 3.9  |
| 夏  | H          | 27 | 7 | 30 | 9 | 30 | ～ | H | 27 | 7 | 31                         | 8   | 30  | 0.76   | 1.1   | 0.57   | 0.2    | 0.62  | <0.057 | 1.8   | 0.041  | 0.1    | <0.039 | <0.053 | 0.41  | <0.094 | <0.027 | 4.5  |
| 夏  | H          | 27 | 7 | 31 | 9 | 30 | ～ | H | 27 | 8 | 1                          | 8   | 30  | 1.4    | 1.7   | 1.2    | 0.61   | 0.69  | <0.057 | 2.9   | 0.045  | 0.065  | <0.039 | <0.053 | 0.67  | <0.094 | <0.027 | 6.8  |
| 夏  | H          | 27 | 8 | 1  | 9 | 30 | ～ | H | 27 | 8 | 2                          | 8   | 30  | 1.8    | 1.6   | 0.79   | 0.36   | 1.2   | <0.057 | 6.9   | 0.062  | 0.23   | <0.039 | <0.053 | 0.22  | <0.094 | <0.027 | 5.7  |
| 夏  | H          | 27 | 8 | 2  | 9 | 30 | ～ | H | 27 | 8 | 3                          | 8   | 30  | 2.1    | 1.8   | 1.4    | 0.45   | 0.8   | <0.057 | 4.1   | 0.067  | 0.19   | <0.039 | <0.053 | <0.12 | <0.094 | <0.027 | 6.6  |
| 夏  | H          | 27 | 8 | 3  | 9 | 30 | ～ | H | 27 | 8 | 4                          | 8   | 30  | 2.4    | 1.1   | 0.79   | 0.34   | 0.75  | <0.057 | 2.1   | 0.062  | 0.34   | <0.039 | <0.053 | 0.22  | <0.094 | 0.037  | 4    |
| 夏  | H          | 27 | 8 | 4  | 9 | 30 | ～ | H | 27 | 8 | 5                          | 8   | 30  | 1.3    | 1.9   | 0.51   | 0.34   | 1.2   | <0.057 | 3.6   | 0.067  | 0.14   | <0.039 | <0.053 | <0.12 | 0.13   | 0.042  | 3.9  |

| 季節 | サンプリング実施時期 |    |    |    |   |    |   |   |    |    | 無機元素(ng/m3) (*は実施推奨項目を表す) |     |     |      |       |       |       |        |       |       |        |        |        |        |       |        |        |      |
|----|------------|----|----|----|---|----|---|---|----|----|---------------------------|-----|-----|------|-------|-------|-------|--------|-------|-------|--------|--------|--------|--------|-------|--------|--------|------|
|    | 調査時期       |    |    |    |   |    |   |   |    |    | As                        | Se* | Rb* | Mo*  | Sb    | Cs*   | Ba*   | La*    | Ce*   | Sm*   | Hf*    | W*     | Ta*    | Th*    | Pb    |        |        |      |
|    | 年          | 月  | 日  | 時  | 分 | ～  | 年 | 月 | 日  | 時  |                           |     |     |      |       |       |       |        |       |       |        |        |        |        |       | 分      |        |      |
| 秋  | H          | 27 | 10 | 21 | 9 | 30 | ～ | H | 27 | 10 | 22                        | 8   | 30  | 3.5  | 5     | 1.2   | 0.65  | 1.3    | <0.18 | 2.3   | 0.12   | <0.17  | <0.020 | <0.062 | 0.49  | 0.19   | <0.023 | 17   |
| 秋  | H          | 27 | 10 | 22 | 9 | 30 | ～ | H | 27 | 10 | 23                        | 8   | 30  | 3    | 4.2   | 1.4   | 0.72  | 1.2    | 0.21  | 3.6   | 0.11   | 0.48   | <0.020 | <0.062 | 0.36  | <0.060 | <0.023 | 15   |
| 秋  | H          | 27 | 10 | 23 | 9 | 30 | ～ | H | 27 | 10 | 24                        | 8   | 30  | 1.6  | 4.1   | 0.69  | 0.2   | 1.4    | <0.18 | 2.2   | 0.067  | <0.17  | <0.020 | <0.062 | <0.16 | <0.060 | <0.023 | 8.2  |
| 秋  | H          | 27 | 10 | 24 | 9 | 30 | ～ | H | 27 | 10 | 25                        | 8   | 30  | 1.9  | 2.6   | 0.99  | 0.64  | 1      | <0.18 | 2.4   | 0.1    | 0.28   | <0.020 | <0.062 | <0.16 | <0.060 | 0.032  | 8.5  |
| 秋  | H          | 27 | 10 | 25 | 9 | 30 | ～ | H | 27 | 10 | 26                        | 8   | 30  | 1.6  | 1.5   | 0.55  | 0.31  | 0.44   | <0.18 | 1.4   | 0.047  | <0.17  | <0.020 | <0.062 | 0.41  | 0.34   | <0.023 | 5.3  |
| 秋  | H          | 27 | 10 | 26 | 9 | 30 | ～ | H | 27 | 10 | 27                        | 8   | 30  | 1.1  | 2.6   | 0.63  | 0.25  | 0.51   | <0.18 | 1.1   | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | 0.22   | <0.023 | 3.5  |
| 秋  | H          | 27 | 10 | 29 | 9 | 30 | ～ | H | 27 | 10 | 30                        | 8   | 30  | 0.88 | 2.3   | 1     | 0.34  | 0.75   | <0.18 | 2     | 0.066  | 0.41   | <0.020 | <0.062 | <0.16 | 0.2    | <0.023 | 5.9  |
| 秋  | H          | 27 | 10 | 30 | 9 | 30 | ～ | H | 27 | 10 | 31                        | 8   | 30  | 0.64 | 1.5   | 0.53  | 0.091 | 0.37   | <0.18 | 0.61  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | 0.27   | <0.023 | 4.2  |
| 秋  | H          | 27 | 10 | 31 | 9 | 30 | ～ | H | 27 | 11 | 1                         | 8   | 30  | 1    | 2     | 0.69  | 0.075 | 1.1    | <0.18 | 1.2   | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | 0.32   | <0.023 | 7.3  |
| 秋  | H          | 27 | 11 | 1  | 9 | 30 | ～ | H | 27 | 11 | 2                         | 8   | 30  | 0.94 | 2.7   | 1     | 0.13  | 0.67   | <0.18 | 0.73  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | 0.096  | <0.023 | 5.3  |
| 秋  | H          | 27 | 11 | 2  | 9 | 30 | ～ | H | 27 | 11 | 3                         | 8   | 30  | 0.49 | 1.2   | 0.1   | 0.3   | 0.19   | <0.18 | 0.34  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | <0.060 | <0.023 | 1.6  |
| 秋  | H          | 27 | 11 | 3  | 9 | 30 | ～ | H | 27 | 11 | 4                         | 8   | 30  | 0.54 | 1.4   | 0.18  | 0.24  | <0.062 | <0.18 | 0.45  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | <0.060 | <0.023 | 1.8  |
| 秋  | H          | 27 | 11 | 4  | 9 | 30 | ～ | H | 27 | 11 | 5                         | 8   | 30  | 1    | 2.2   | 0.17  | 0.24  | 0.15   | <0.18 | 0.79  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | <0.060 | <0.023 | 3.6  |
| 秋  | H          | 27 | 11 | 5  | 9 | 30 | ～ | H | 27 | 11 | 6                         | 8   | 30  | 0.74 | 1.7   | 0.28  | 0.16  | 0.36   | <0.18 | 0.85  | <0.030 | <0.17  | <0.020 | <0.062 | <0.16 | <0.060 | <0.023 | 4.3  |
| 冬  | H          | 28 | 1  | 20 | 9 | 30 | ～ | H | 28 | 1  | 21                        | 8   | 30  | 0.85 | 2.2   | 1.1   | 0.29  | 0.39   | <0.24 | 1.1   | <0.15  | 0.5    | <0.21  | 0.093  | 0.28  | <0.18  | <0.19  | 4.3  |
| 冬  | H          | 28 | 1  | 21 | 9 | 30 | ～ | H | 28 | 1  | 22                        | 8   | 30  | 1    | 1.7   | 1.2   | 0.62  | 1.6    | <0.24 | 0.71  | <0.15  | 0.088  | <0.21  | 0.097  | <0.25 | <0.18  | <0.19  | 4.7  |
| 冬  | H          | 28 | 1  | 22 | 9 | 30 | ～ | H | 28 | 1  | 23                        | 8   | 30  | 0.87 | 3.7   | 1.1   | 0.47  | 0.5    | <0.24 | 1.6   | <0.15  | 0.071  | <0.21  | <0.054 | 0.26  | <0.18  | <0.19  | 4.4  |
| 冬  | H          | 28 | 1  | 23 | 9 | 30 | ～ | H | 28 | 1  | 24                        | 8   | 30  | 1.7  | 1.8   | 0.44  | 0.36  | 0.63   | <0.24 | 0.74  | <0.15  | 0.11   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 7.1  |
| 冬  | H          | 28 | 1  | 24 | 9 | 30 | ～ | H | 28 | 1  | 25                        | 8   | 30  | 0.62 | <0.26 | <0.21 | 0.072 | 0.24   | <0.24 | <0.35 | <0.15  | 0.08   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 1.8  |
| 冬  | H          | 28 | 1  | 26 | 9 | 30 | ～ | H | 28 | 1  | 27                        | 8   | 30  | 1.3  | 3     | 1.2   | 0.32  | 1.6    | <0.24 | 2     | <0.15  | 0.15   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 7.6  |
| 冬  | H          | 28 | 1  | 27 | 9 | 30 | ～ | H | 28 | 1  | 28                        | 8   | 30  | 1.4  | 2.5   | 1.7   | 0.4   | 1      | <0.24 | 3     | <0.15  | 0.08   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 9.4  |
| 冬  | H          | 28 | 1  | 28 | 9 | 30 | ～ | H | 28 | 1  | 29                        | 8   | 30  | 1.7  | 7.6   | 2.1   | 0.26  | 4.5    | <0.24 | 3.1   | <0.15  | 0.1    | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 12   |
| 冬  | H          | 28 | 1  | 29 | 9 | 30 | ～ | H | 28 | 1  | 30                        | 8   | 30  | 0.2  | <0.26 | 2     | 0.24  | 0.24   | <0.24 | 1.1   | <0.15  | <0.033 | <0.21  | <0.054 | 0.31  | 0.21   | <0.19  | 0.66 |
| 冬  | H          | 28 | 1  | 30 | 9 | 30 | ～ | H | 28 | 1  | 31                        | 8   | 30  | 0.21 | <0.26 | 0.51  | 0.47  | 0.48   | <0.24 | 0.51  | <0.15  | 0.072  | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 1.8  |
| 冬  | H          | 28 | 1  | 31 | 9 | 30 | ～ | H | 28 | 2  | 1                         | 8   | 30  | 2.3  | 2.6   | 0.86  | 0.46  | 0.98   | <0.24 | 1.4   | <0.15  | 0.12   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 11   |
| 冬  | H          | 28 | 2  | 1  | 9 | 30 | ～ | H | 28 | 2  | 2                         | 8   | 30  | 2.9  | 2.5   | 0.68  | 0.62  | 0.99   | <0.24 | 2.1   | <0.15  | 0.12   | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 14   |
| 冬  | H          | 28 | 2  | 2  | 9 | 30 | ～ | H | 28 | 2  | 3                         | 8   | 30  | 0.84 | 0.97  | 0.46  | 0.57  | 0.42   | <0.24 | 0.76  | <0.15  | 0.1    | <0.21  | <0.054 | <0.25 | <0.18  | <0.19  | 3    |
| 冬  | H          | 28 | 2  | 3  | 9 | 30 | ～ | H | 28 | 2  | 4                         | 8   | 30  | 0.59 | 0.56  | 0.43  | 0.43  | 0.19   | <0.24 | 0.94  | <0.15  | 0.31   | <0.21  | <0.054 | <0.25 | 0.3    | <0.19  | 2.1  |

エ)炭素成分

| 季節 | サンプリング実施時期 |    |   |    |   |    |   |   |    |   | 炭素成分 ( $\mu\text{g}/\text{m}^3$ ) |     |     |       |        |      |       |       |      |      |        |       |        |
|----|------------|----|---|----|---|----|---|---|----|---|-----------------------------------|-----|-----|-------|--------|------|-------|-------|------|------|--------|-------|--------|
|    | 調査時期       |    |   |    |   |    |   |   |    |   | OC1                               | OC2 | OC3 | OC4   | OCpyro | EC1  | EC2   | EC3   | OC   | EC   |        |       |        |
|    | 年          | 月  | 日 | 時  | 分 | ～  | 年 | 月 | 日  | 時 |                                   |     |     |       |        |      |       |       |      |      | 分      |       |        |
| 春  | H          | 27 | 5 | 7  | 9 | 30 | ～ | H | 27 | 5 | 8                                 | 8   | 30  | 0.24  | 1.4    | 0.77 | 0.24  | 0.65  | 0.72 | 0.81 | 0.092  | 3.3   | 0.97   |
| 春  | H          | 27 | 5 | 8  | 9 | 30 | ～ | H | 27 | 5 | 9                                 | 8   | 30  | 0.13  | 1.3    | 0.73 | 0.27  | 1.2   | 0.88 | 0.96 | 0.15   | 3.6   | 0.79   |
| 春  | H          | 27 | 5 | 9  | 9 | 30 | ～ | H | 27 | 5 | 10                                | 8   | 30  | 0.08  | 1      | 0.82 | 0.18  | 0.48  | 0.38 | 0.56 | 0.097  | 2.6   | 0.56   |
| 春  | H          | 27 | 5 | 10 | 9 | 30 | ～ | H | 27 | 5 | 11                                | 8   | 30  | 0.081 | 1.1    | 0.75 | 0.34  | 1.1   | 0.86 | 0.99 | 0.15   | 3.4   | 0.9    |
| 春  | H          | 27 | 5 | 11 | 9 | 30 | ～ | H | 27 | 5 | 12                                | 8   | 30  | 0.035 | 0.65   | 0.38 | 0.11  | 0.43  | 0.38 | 0.45 | <0.054 | 1.6   | 0.4 *  |
| 春  | H          | 27 | 5 | 12 | 9 | 30 | ～ | H | 27 | 5 | 13                                | 8   | 30  | 0.074 | 0.76   | 0.41 | 0.14  | 0.64  | 0.61 | 0.56 | <0.054 | 2     | 0.53 * |
| 春  | H          | 27 | 5 | 13 | 9 | 30 | ～ | H | 27 | 5 | 14                                | 8   | 30  | 0.12  | 1.2    | 0.88 | 0.27  | 1.2   | 1.5  | 0.86 | 0.089  | 3.7   | 1.2    |
| 春  | H          | 27 | 5 | 14 | 9 | 30 | ～ | H | 27 | 5 | 15                                | 8   | 30  | 0.083 | 1      | 0.53 | 0.17  | 1     | 1    | 0.67 | 0.059  | 2.8   | 0.73   |
| 春  | H          | 27 | 5 | 15 | 9 | 30 | ～ | H | 27 | 5 | 16                                | 8   | 30  | 0.085 | 0.96   | 0.57 | 0.17  | 0.66  | 0.83 | 0.49 | <0.054 | 2.4   | 0.66 * |
| 春  | H          | 27 | 5 | 16 | 9 | 30 | ～ | H | 27 | 5 | 17                                | 8   | 30  | 0.11  | 1      | 0.6  | 0.19  | 0.84  | 0.63 | 0.8  | 0.1    | 2.7   | 0.69   |
| 春  | H          | 27 | 5 | 17 | 9 | 30 | ～ | H | 27 | 5 | 18                                | 8   | 30  | 0.13  | 1.3    | 0.88 | 0.35  | 1.2   | 1.2  | 1    | 0.14   | 3.9   | 1.1    |
| 春  | H          | 27 | 5 | 18 | 9 | 30 | ～ | H | 27 | 5 | 19                                | 8   | 30  | 0.046 | 0.73   | 0.38 | 0.11  | 0.49  | 0.53 | 0.55 | <0.054 | 1.8   | 0.59 * |
| 春  | H          | 27 | 5 | 19 | 9 | 30 | ～ | H | 27 | 5 | 20                                | 8   | 30  | 0.088 | 1.1    | 0.5  | 0.18  | 1.1   | 0.68 | 0.83 | 0.13   | 3     | 0.54   |
| 春  | H          | 27 | 5 | 20 | 9 | 30 | ～ | H | 27 | 5 | 21                                | 8   | 30  | 0.13  | 1.3    | 0.68 | 0.25  | 1.5   | 1.3  | 1.2  | 0.15   | 3.9   | 1.2    |
| 夏  | H          | 27 | 7 | 22 | 9 | 30 | ～ | H | 27 | 7 | 23                                | 8   | 30  | 0.11  | 0.66   | 0.75 | 0.17  | 0.3   | 0.42 | 0.48 | 0.07   | 2     | 0.67   |
| 夏  | H          | 27 | 7 | 23 | 9 | 30 | ～ | H | 27 | 7 | 24                                | 8   | 30  | 0.11  | 0.86   | 0.87 | 0.23  | 0.29  | 0.45 | 0.45 | 0.044  | 2.4   | 0.65   |
| 夏  | H          | 27 | 7 | 24 | 9 | 30 | ～ | H | 27 | 7 | 25                                | 8   | 30  | 0.024 | 0.85   | 1.1  | 0.37  | 0.34  | 0.39 | 0.32 | 0.052  | 2.7   | 0.42   |
| 夏  | H          | 27 | 7 | 25 | 9 | 30 | ～ | H | 27 | 7 | 26                                | 8   | 30  | 0.06  | 0.5    | 0.41 | <0.12 | 0.093 | 0.12 | 0.11 | 0.018  | 1.1 * | 0.16   |
| 夏  | H          | 27 | 7 | 26 | 9 | 30 | ～ | H | 27 | 7 | 27                                | 8   | 30  | 0.084 | 0.66   | 0.46 | <0.12 | 0.38  | 0.41 | 0.35 | 0.036  | 1.6 * | 0.42   |
| 夏  | H          | 27 | 7 | 27 | 9 | 30 | ～ | H | 27 | 7 | 28                                | 8   | 30  | 0.078 | 0.77   | 0.5  | 0.15  | 0.57  | 0.64 | 0.55 | 0.055  | 2.1   | 0.68   |
| 夏  | H          | 27 | 7 | 28 | 9 | 30 | ～ | H | 27 | 7 | 29                                | 8   | 30  | 0.066 | 0.74   | 0.41 | <0.12 | 0.59  | 0.46 | 0.58 | 0.064  | 1.8 * | 0.51   |
| 夏  | H          | 27 | 7 | 29 | 9 | 30 | ～ | H | 27 | 7 | 30                                | 8   | 30  | 0.087 | 1.1    | 0.55 | 0.18  | 0.84  | 0.9  | 0.77 | 0.11   | 2.8   | 0.94   |
| 夏  | H          | 27 | 7 | 30 | 9 | 30 | ～ | H | 27 | 7 | 31                                | 8   | 30  | 0.099 | 1.4    | 0.89 | 0.34  | 1.2   | 1.3  | 0.89 | 0.13   | 3.9   | 1.1    |
| 夏  | H          | 27 | 7 | 31 | 9 | 30 | ～ | H | 27 | 8 | 1                                 | 8   | 30  | 0.12  | 1.9    | 1.6  | 0.43  | 2     | 2.3  | 1.3  | 0.14   | 6.1   | 1.7    |
| 夏  | H          | 27 | 8 | 1  | 9 | 30 | ～ | H | 27 | 8 | 2                                 | 8   | 30  | 0.12  | 1.7    | 1.5  | 0.46  | 2     | 2.2  | 1.2  | 0.12   | 5.8   | 1.5    |
| 夏  | H          | 27 | 8 | 2  | 9 | 30 | ～ | H | 27 | 8 | 3                                 | 8   | 30  | 0.096 | 1.6    | 1.3  | 0.5   | 1.9   | 2.3  | 1.1  | 0.16   | 5.4   | 1.7    |
| 夏  | H          | 27 | 8 | 3  | 9 | 30 | ～ | H | 27 | 8 | 4                                 | 8   | 30  | 0.096 | 1.6    | 0.98 | 0.38  | 1.9   | 1.7  | 1.5  | 0.19   | 5     | 1.5    |
| 夏  | H          | 27 | 8 | 4  | 9 | 30 | ～ | H | 27 | 8 | 5                                 | 8   | 30  | 0.1   | 1.6    | 1.2  | 0.48  | 2.3   | 2.2  | 1.5  | 0.18   | 5.7   | 1.6    |

| 季節 | サンプリング実施時期 |    |    |    |   |    |   |   |    |    | 炭素成分 ( $\mu\text{g}/\text{m}^3$ ) |     |     |       |        |       |      |      |      |      |        |       |        |
|----|------------|----|----|----|---|----|---|---|----|----|-----------------------------------|-----|-----|-------|--------|-------|------|------|------|------|--------|-------|--------|
|    | 調査時期       |    |    |    |   |    |   |   |    |    | OC1                               | OC2 | OC3 | OC4   | OCpyro | EC1   | EC2  | EC3  | OC   | EC   |        |       |        |
|    | 年          | 月  | 日  | 時  | 分 | ～  | 年 | 月 | 日  | 時  |                                   |     |     |       |        |       |      |      |      |      | 分      |       |        |
| 秋  | H          | 27 | 10 | 21 | 9 | 30 | ～ | H | 27 | 10 | 22                                | 8   | 30  | 0.17  | 1.7    | 1     | 0.32 | 1.5  | 2.3  | 1.1  | 0.087  | 4.7   | 2      |
| 秋  | H          | 27 | 10 | 22 | 9 | 30 | ～ | H | 27 | 10 | 23                                | 8   | 30  | 0.16  | 1.5    | 0.92  | 0.34 | 1.4  | 2.1  | 1    | 0.067  | 4.3   | 1.8    |
| 秋  | H          | 27 | 10 | 23 | 9 | 30 | ～ | H | 27 | 10 | 24                                | 8   | 30  | 0.14  | 1.3    | 0.72  | 0.25 | 1.1  | 1.8  | 0.9  | 0.076  | 3.5   | 1.7    |
| 秋  | H          | 27 | 10 | 24 | 9 | 30 | ～ | H | 27 | 10 | 25                                | 8   | 30  | 0.17  | 1.5    | 1.2   | 0.49 | 1.5  | 2    | 0.75 | 0.079  | 4.9   | 1.3    |
| 秋  | H          | 27 | 10 | 25 | 9 | 30 | ～ | H | 27 | 10 | 26                                | 8   | 30  | 0.1   | 0.99   | 1.2   | 0.42 | 0.9  | 1.1  | 0.6  | <0.054 | 3.6   | 0.8 *  |
| 秋  | H          | 27 | 10 | 26 | 9 | 30 | ～ | H | 27 | 10 | 27                                | 8   | 30  | 0.15  | 1.2    | 1.4   | 0.51 | 0.84 | 1.3  | 0.71 | 0.066  | 4.1   | 1.2    |
| 秋  | H          | 27 | 10 | 29 | 9 | 30 | ～ | H | 27 | 10 | 30                                | 8   | 30  | 0.16  | 1.2    | 1     | 0.42 | 1.1  | 1.4  | 0.76 | 0.067  | 3.9   | 1.1    |
| 秋  | H          | 27 | 10 | 30 | 9 | 30 | ～ | H | 27 | 10 | 31                                | 8   | 30  | 0.11  | 1.1    | 0.6   | 0.24 | 0.88 | 1.3  | 0.93 | 0.1    | 2.9   | 1.5    |
| 秋  | H          | 27 | 10 | 31 | 9 | 30 | ～ | H | 27 | 11 | 1                                 | 8   | 30  | 0.13  | 1.2    | 0.68  | 0.27 | 1.1  | 1.1  | 1    | 0.12   | 3.4   | 1.1    |
| 秋  | H          | 27 | 11 | 1  | 9 | 30 | ～ | H | 27 | 11 | 2                                 | 8   | 30  | 0.13  | 1.2    | 1     | 0.45 | 1.1  | 1.6  | 0.74 | 0.095  | 3.9   | 1.3    |
| 秋  | H          | 27 | 11 | 2  | 9 | 30 | ～ | H | 27 | 11 | 3                                 | 8   | 30  | 0.084 | 0.92   | 0.69  | 0.25 | 0.68 | 0.76 | 0.85 | 0.1    | 2.6   | 1      |
| 秋  | H          | 27 | 11 | 3  | 9 | 30 | ～ | H | 27 | 11 | 4                                 | 8   | 30  | 0.11  | 1.1    | 0.71  | 0.27 | 1.1  | 1.4  | 1    | 0.11   | 3.3   | 1.4    |
| 秋  | H          | 27 | 11 | 4  | 9 | 30 | ～ | H | 27 | 11 | 5                                 | 8   | 30  | 0.085 | 0.97   | 0.71  | 0.29 | 0.67 | 0.7  | 0.9  | 0.13   | 2.7   | 1.1    |
| 秋  | H          | 27 | 11 | 5  | 9 | 30 | ～ | H | 27 | 11 | 6                                 | 8   | 30  | 0.091 | 1      | 1.2   | 0.43 | 0.78 | 0.89 | 0.9  | 0.12   | 3.5   | 1.1    |
| 冬  | H          | 28 | 1  | 20 | 9 | 30 | ～ | H | 28 | 1  | 21                                | 8   | 30  | 0.73  | 1.5    | 0.55  | 0.25 | 0.89 | 1.2  | 0.56 | 0.055  | 3.9   | 0.93   |
| 冬  | H          | 28 | 1  | 21 | 9 | 30 | ～ | H | 28 | 1  | 22                                | 8   | 30  | 0.48  | 1.4    | 0.67  | 0.33 | 0.9  | 1.6  | 0.71 | 0.097  | 3.8   | 1.5    |
| 冬  | H          | 28 | 1  | 22 | 9 | 30 | ～ | H | 28 | 1  | 23                                | 8   | 30  | 0.25  | 1.3    | 0.76  | 0.35 | 0.98 | 1.6  | 0.72 | 0.12   | 3.6   | 1.5    |
| 冬  | H          | 28 | 1  | 23 | 9 | 30 | ～ | H | 28 | 1  | 24                                | 8   | 30  | 0.13  | 0.8    | 0.36  | 0.19 | 0.96 | 1.2  | 0.53 | 0.07   | 2.4   | 0.84   |
| 冬  | H          | 28 | 1  | 24 | 9 | 30 | ～ | H | 28 | 1  | 25                                | 8   | 30  | 0.11  | 0.51   | <0.22 | 0.11 | 0.41 | 0.42 | 0.34 | <0.039 | 1.1 * | 0.35 * |
| 冬  | H          | 28 | 1  | 26 | 9 | 30 | ～ | H | 28 | 1  | 27                                | 8   | 30  | 0.17  | 1.1    | 0.45  | 0.22 | 0.98 | 1.5  | 0.68 | 0.1    | 2.9   | 1.3    |
| 冬  | H          | 28 | 1  | 27 | 9 | 30 | ～ | H | 28 | 1  | 28                                | 8   | 30  | 0.29  | 1.6    | 1.2   | 0.52 | 1.4  | 2.8  | 0.75 | 0.071  | 5     | 2.2    |
| 冬  | H          | 28 | 1  | 28 | 9 | 30 | ～ | H | 28 | 1  | 29                                | 8   | 30  | 0.34  | 2      | 1.6   | 0.8  | 1.5  | 4    | 0.99 | 0.15   | 6.2   | 3.6    |
| 冬  | H          | 28 | 1  | 29 | 9 | 30 | ～ | H | 28 | 1  | 30                                | 8   | 30  | 0.27  | 1.2    | 1.3   | 0.45 | 0.3  | 0.71 | 0.53 | 0.039  | 3.5   | 0.98   |
| 冬  | H          | 28 | 1  | 30 | 9 | 30 | ～ | H | 28 | 1  | 31                                | 8   | 30  | 0.2   | 1.3    | 1.1   | 0.5  | 0.35 | 0.65 | 0.62 | 0.08   | 3.5   | 1      |
| 冬  | H          | 28 | 1  | 31 | 9 | 30 | ～ | H | 28 | 2  | 1                                 | 8   | 30  | 0.23  | 1.4    | 0.76  | 0.3  | 1.5  | 2.4  | 0.71 | 0.096  | 4.2   | 1.7    |
| 冬  | H          | 28 | 2  | 1  | 9 | 30 | ～ | H | 28 | 2  | 2                                 | 8   | 30  | 0.18  | 1.2    | 0.64  | 0.28 | 1.5  | 2.4  | 0.68 | 0.11   | 3.8   | 1.7    |
| 冬  | H          | 28 | 2  | 2  | 9 | 30 | ～ | H | 28 | 2  | 3                                 | 8   | 30  | 0.15  | 0.92   | 0.61  | 0.24 | 0.96 | 1.3  | 0.65 | 0.078  | 2.9   | 1.1    |
| 冬  | H          | 28 | 2  | 3  | 9 | 30 | ～ | H | 28 | 2  | 4                                 | 8   | 30  | 0.2   | 1      | 0.64  | 0.31 | 0.81 | 1.3  | 0.73 | 0.12   | 3     | 1.3    |

注) EC及びECの測定値の横に表示されている「\*」は、各細目のいずれかが検出下限値未満であることを示す。

② 祇園測定局

ア) 気象条件、質量濃度、イオン成分

| 季節 | サンプリング実施時期 |    |   |    |    |    |   |   |    |   | 気象条件 |         |                          |       |        |         |                                   | 質量濃度<br>測定値<br>( $\mu\text{g}/\text{m}^3$ ) | イオン成分 ( $\mu\text{g}/\text{m}^3$ ) |                              |                               |                 |                              |                |                  |                  |       |         |       |
|----|------------|----|---|----|----|----|---|---|----|---|------|---------|--------------------------|-------|--------|---------|-----------------------------------|---|------------------------------------|------------------------------|-------------------------------|-----------------|------------------------------|----------------|------------------|------------------|-------|---------|-------|
|    | 調査時期       |    |   |    |    |    |   |   |    |   | 主風向  | 風速(m/s) | 気温( $^{\circ}\text{C}$ ) | 湿度(%) | 雨量(mm) | 気圧(hPa) | 日射量<br>( $\text{MJ}/\text{m}^2$ ) |   | Cl <sup>-</sup>                    | NO <sub>3</sub> <sup>-</sup> | SO <sub>4</sub> <sup>2-</sup> | Na <sup>+</sup> | NH <sub>4</sub> <sup>+</sup> | K <sup>+</sup> | Mg <sup>2+</sup> | Ca <sup>2+</sup> |       |         |       |
|    | 年          | 月  | 日 | 時  | 分  | ～  | 年 | 月 | 日  | 時 |      |         |                          |       |        |         |                                   | 分   |                                    |                              |                               |                 |                              |                |                  |                  |       |         |       |
| 春  | H          | 27 | 5 | 7  | 11 | 30 | ～ | H | 27 | 5 | 8    | 10      | 30                       | WNW   | 2.1    | 17.0    | 84                                | 0.0   | 1011.4                             | 12.2                         | 11.9                          | 0.25            | 0.79                         | 2.7            | 0.3              | 1                | 0.12  | 0.0098  | 0.073 |
| 春  | H          | 27 | 5 | 8  | 11 | 30 | ～ | H | 27 | 5 | 9    | 10      | 30                       | WNW   | 2.7    | 19.0    | 74                                | 11.0  | 1010.6                             | 18.9                         | 12.9                          | 0.15            | 0.41                         | 4.7            | 0.33             | 1.7              | 0.083 | 0.04    | 0.34  |
| 春  | H          | 27 | 5 | 9  | 11 | 30 | ～ | H | 27 | 5 | 10   | 10      | 30                       | WNW   | 2.5    | 16.6    | 92                                | 10.0  | 1010.9                             | 11.6                         | 10.8                          | 0.15            | 0.59                         | 3.4            | 0.2              | 1.5              | 0.071 | 0.015   | 0.17  |
| 春  | H          | 27 | 5 | 10 | 11 | 30 | ～ | H | 27 | 5 | 11   | 10      | 30                       | WNW   | 2.5    | 18.8    | 82                                | 0.0   | 1016.9                             | 15.8                         | 18.4                          | 0.11            | 0.56                         | 5.1            | 0.16             | 2.1              | 0.096 | 0.014   | 0.13  |
| 春  | H          | 27 | 5 | 11 | 11 | 30 | ～ | H | 27 | 5 | 12   | 10      | 30                       | ESE   | 3.6    | 21.5    | 85                                | 8.5   | 1011.6                             | 10.3                         | 16                            | 0.15            | 0.28                         | 6.3            | 0.37             | 1.9              | 0.11  | 0.034   | 0.13  |
| 春  | H          | 27 | 5 | 12 | 11 | 30 | ～ | H | 27 | 5 | 13   | 10      | 30                       | WSW   | 5.0    | 18.0    | 69                                | 0.0   | 1007.6                             | 16.0                         | 14.9                          | <0.065          | 0.44                         | 5.2            | 0.25             | 1.9              | 0.11  | 0.023   | 0.14  |
| 春  | H          | 27 | 5 | 13 | 11 | 30 | ～ | H | 27 | 5 | 14   | 10      | 30                       | W     | 3.4    | 20.9    | 59                                | 0.0   | 1012.6                             | 24.7                         | 29.2                          | <0.065          | 0.65                         | 5.8            | 0.2              | 2.5              | 0.17  | 0.022   | 0.14  |
| 春  | H          | 27 | 5 | 14 | 11 | 30 | ～ | H | 27 | 5 | 15   | 10      | 30                       | W     | 2.6    | 23.6    | 85                                | 9.5   | 1011.3                             | 13.0                         | 21.5                          | 0.15            | 0.33                         | 7.9            | 0.16             | 2.5              | 0.097 | 0.014   | 0.3   |
| 春  | H          | 27 | 5 | 15 | 11 | 30 | ～ | H | 27 | 5 | 16   | 10      | 30                       | W     | 2.7    | 23.2    | 91                                | 28.5  | 1006.0                             | 8.0                          | 12.9                          | <0.065          | 0.21                         | 4.3            | 0.083            | 2.2              | 0.077 | <0.0045 | 0.11  |
| 春  | H          | 27 | 5 | 16 | 11 | 30 | ～ | H | 27 | 5 | 17   | 10      | 30                       | WNW   | 1.9    | 20.6    | 91                                | 0.0   | 1007.2                             | 12.0                         | 13                            | 0.097           | 0.8                          | 3.8            | 0.074            | 2.3              | 0.082 | <0.0045 | 0.061 |
| 春  | H          | 27 | 5 | 17 | 11 | 30 | ～ | H | 27 | 5 | 18   | 10      | 30                       | WNW   | 2.2    | 20.4    | 79                                | 4.0   | 1009.4                             | 17.9                         | 24.1                          | 0.12            | 0.6                          | 6.2            | 0.15             | 2.7              | 0.13  | 0.012   | 0.087 |
| 春  | H          | 27 | 5 | 18 | 11 | 30 | ～ | H | 27 | 5 | 19   | 10      | 30                       | WSW   | 3.2    | 23.0    | 90                                | 4.0   | 1002.8                             | 8.6                          | 9.3                           | <0.065          | <0.21                        | 3.3            | 0.11             | 0.99             | 0.042 | 0.0063  | 0.028 |
| 春  | H          | 27 | 5 | 19 | 11 | 30 | ～ | H | 27 | 5 | 20   | 10      | 30                       | WNW   | 2.6    | 22.6    | 85                                | 0.0   | 1003.3                             | 27.2                         | 16.7                          | <0.065          | 0.31                         | 5              | 0.18             | 1.9              | 0.099 | 0.016   | 0.069 |
| 春  | H          | 27 | 5 | 20 | 11 | 30 | ～ | H | 27 | 5 | 21   | 10      | 30                       | WNW   | 4.3    | 21.5    | 57                                | 0.0   | 1005.6                             | 28.2                         | 25.3                          | <0.065          | 0.36                         | 9              | 0.19             | 3.2              | 0.15  | 0.021   | 0.14  |
| 夏  | H          | 27 | 7 | 22 | 11 | 30 | ～ | H | 27 | 7 | 23   | 10      | 30                       | WNW   | 1.6    | 25.3    | 93                                | 47.0  | 1012.1                             | 149.4                        | 6.5                           | <0.033          | <0.049                       | 1.5            | 0.093            | 0.42             | 0.061 | 0.0059  | 0.014 |
| 夏  | H          | 27 | 7 | 23 | 11 | 30 | ～ | H | 27 | 7 | 24   | 10      | 30                       | SE    | 2.1    | 27.5    | 81                                | 0.0   | 1011.9                             | 205.8                        | 8                             | 0.77            | 0.59                         | 4.6            | 0.31             | 0.25             | 0.051 | 0.018   | 0.015 |
| 夏  | H          | 27 | 7 | 24 | 11 | 30 | ～ | H | 27 | 7 | 25   | 10      | 30                       | SE    | 2.7    | 26.9    | 83                                | 0.5   | 1011.0                             | 212.0                        | 6                             | 0.53            | 0.28                         | 2.7            | 0.3              | 0.21             | 0.048 | 0.022   | 0.027 |
| 夏  | H          | 27 | 7 | 25 | 11 | 30 | ～ | H | 27 | 7 | 26   | 10      | 30                       | ESE   | 4.5    | 27.0    | 85                                | 13.0  | 1010.1                             | 138.4                        | 5.1                           | 0.45            | <0.049                       | 0.97           | 0.61             | 0.053            | 0.032 | 0.054   | 0.036 |
| 夏  | H          | 27 | 7 | 26 | 11 | 30 | ～ | H | 27 | 7 | 27   | 10      | 30                       | WSW   | 3.3    | 27.4    | 79                                | 1.0   | 1008.8                             | 170.1                        | 9.5                           | <0.033          | <0.049                       | 2.9            | 0.52             | 0.69             | 0.052 | 0.048   | 0.059 |
| 夏  | H          | 27 | 7 | 27 | 11 | 30 | ～ | H | 27 | 7 | 28   | 10      | 30                       | WSW   | 4.9    | 28.6    | 77                                | 0.0   | 1009.4                             | 156.9                        | 13.3                          | 0.045           | <0.049                       | 4.9            | 0.23             | 1.4              | 0.096 | 0.022   | 0.049 |
| 夏  | H          | 27 | 7 | 28 | 11 | 30 | ～ | H | 27 | 7 | 29   | 10      | 30                       | WSW,W | 5.3    | 30.0    | 71                                | 0.0   | 1008.7                             | 165.6                        | 17                            | <0.033          | <0.049                       | 5.8            | 0.22             | 1.6              | 0.13  | 0.017   | 0.023 |
| 夏  | H          | 27 | 7 | 29 | 11 | 30 | ～ | H | 27 | 7 | 30   | 10      | 30                       | W     | 4.3    | 30.8    | 66                                | 0.0   | 1008.9                             | 162.4                        | 18.3                          | 0.069           | <0.049                       | 6.3            | 0.18             | 1.7              | 0.12  | 0.013   | 0.025 |
| 夏  | H          | 27 | 7 | 30 | 11 | 30 | ～ | H | 27 | 7 | 31   | 10      | 30                       | WNW   | 3.3    | 30.4    | 68                                | 0.0   | 1009.4                             | 144.3                        | 27.6                          | 0.17            | 0.27                         | 10             | 0.37             | 2.7              | 0.3   | 0.021   | 0.16  |
| 夏  | H          | 27 | 7 | 31 | 11 | 30 | ～ | H | 27 | 8 | 1    | 10      | 30                       | WNW   | 2.6    | 28.8    | 81                                | 0.0   | 1010.0                             | 85.2                         | 43.5                          | <0.033          | 0.35                         | 16             | 0.17             | 4.7              | 0.22  | 0.015   | 0.043 |
| 夏  | H          | 27 | 8 | 1  | 11 | 30 | ～ | H | 27 | 8 | 2    | 10      | 30                       | WNW   | 2.2    | 28.5    | 79                                | 0.0   | 1011.2                             | 94.3                         | 34.6                          | 0.078           | 0.14                         | 12             | 0.12             | 3.3              | 0.22  | 0.011   | 0.036 |
| 夏  | H          | 27 | 8 | 2  | 11 | 30 | ～ | H | 27 | 8 | 3    | 10      | 30                       | WNW   | 2.6    | 28.4    | 78                                | 0.0   | 1011.5                             | 126.6                        | 33.7                          | 0.16            | 0.082                        | 13             | 0.073            | 3.6              | 0.2   | 0.0053  | 0.023 |
| 夏  | H          | 27 | 8 | 3  | 11 | 30 | ～ | H | 27 | 8 | 4    | 10      | 30                       | WNW   | 2.6    | 28.1    | 77                                | 0.0   | 1010.2                             | 126.9                        | 40.4                          | 0.28            | 0.13                         | 17             | 0.16             | 5                | 0.26  | 0.01    | 0.082 |
| 夏  | H          | 27 | 8 | 4  | 11 | 30 | ～ | H | 27 | 8 | 5    | 10      | 30                       | WNW   | 2.7    | 27.8    | 78                                | 0.0   | 1008.8                             | 96.0                         | 35.8                          | 0.26            | 0.13                         | 15             | 0.049            | 3.2              | 0.15  | 0.0053  | 0.051 |

| 季節 | サンプリング実施時期 |    |    |    |    |    |   |   |    |    | 気象条件 |         |                          |       |        |         | 質量濃度<br>測定値<br>( $\mu\text{g}/\text{m}^3$ ) | イオン成分 ( $\mu\text{g}/\text{m}^3$ ) |                 |                              |                               |                 |                              |                |                  |                  |       |          |        |
|----|------------|----|----|----|----|----|---|---|----|----|------|---------|--------------------------|-------|--------|---------|---|------------------------------------|-----------------|------------------------------|-------------------------------|-----------------|------------------------------|----------------|------------------|------------------|-------|----------|--------|
|    | 調査時期       |    |    |    |    |    |   |   |    |    | 主風向  | 風速(m/s) | 気温( $^{\circ}\text{C}$ ) | 湿度(%) | 雨量(mm) | 気圧(hPa) |   | 日射量<br>( $\text{MJ}/\text{m}^2$ )  | Cl <sup>-</sup> | NO <sub>3</sub> <sup>-</sup> | SO <sub>4</sub> <sup>2-</sup> | Na <sup>+</sup> | NH <sub>4</sub> <sup>+</sup> | K <sup>+</sup> | Mg <sup>2+</sup> | Ca <sup>2+</sup> |       |          |        |
|    | 年          | 月  | 日  | 時  | 分  | ～  | 年 | 月 | 日  | 時  |      |         |                          |       |        |         | 分   |                                    |                 |                              |                               |                 |                              |                |                  |                  |       |          |        |
| 秋  | H          | 27 | 10 | 21 | 11 | 30 | ～ | H | 27 | 10 | 22   | 10      | 30                       | WNW   | 3.4    | 19.6    | 75  | 0.0                                | 1015.2          | 15.6                         | 34.5                          | 0.15            | 1                            | 14             | 0.25             | 5                | 0.4   | 0.043    | 0.13   |
| 秋  | H          | 27 | 10 | 22 | 11 | 30 | ～ | H | 27 | 10 | 23   | 10      | 30                       | WNW   | 3.3    | 18.9    | 76  | 0.0                                | 1016.6          | 15.1                         | 29.1                          | 0.34            | 0.9                          | 9.6            | 0.26             | 3.4              | 0.29  | 0.037    | 0.072  |
| 秋  | H          | 27 | 10 | 23 | 11 | 30 | ～ | H | 27 | 10 | 24   | 10      | 30                       | WNW   | 2.7    | 20.1    | 82  | 0.0                                | 1015.5          | 14.7                         | 28.1                          | 0.28            | 0.8                          | 10             | 0.29             | 3.9              | 0.33  | 0.035    | 0.056  |
| 秋  | H          | 27 | 10 | 24 | 11 | 30 | ～ | H | 27 | 10 | 25   | 10      | 30                       | WNW   | 3.0    | 20.1    | 75  | 0.0                                | 1014.7          | 16.7                         | 23.2                          | 0.16            | 0.47                         | 7.9            | 0.23             | 2.8              | 0.23  | 0.029    | 0.068  |
| 秋  | H          | 27 | 10 | 25 | 11 | 30 | ～ | H | 27 | 10 | 26   | 10      | 30                       | WNW   | 3.6    | 17.0    | 60  | 0.0                                | 1019.3          | 17.3                         | 11.6                          | 0.17            | 0.52                         | 2              | 0.32             | 0.66             | 0.15  | 0.037    | 0.042  |
| 秋  | H          | 27 | 10 | 26 | 11 | 30 | ～ | H | 27 | 10 | 27   | 10      | 30                       | WNW   | 2.7    | 18.0    | 81  | 0.0                                | 1016.7          | 15.9                         | 13.4                          | 0.17            | 0.55                         | 2.2            | 0.19             | 0.9              | 0.16  | 0.026    | 0.075  |
| 秋  | H          | 27 | 10 | 27 | 11 | 30 | ～ | H | 27 | 10 | 28   | 10      | 30                       | W     | 4.2    | 20.1    | 67  | 0.0                                | 1011.4          | 13.3                         | 11.6                          | <0.063          | 0.31                         | 2.8            | 0.28             | 0.95             | 0.1   | 0.041    | 0.08   |
| 秋  | H          | 27 | 10 | 28 | 11 | 30 | ～ | H | 27 | 10 | 29   | 10      | 30                       | WNW   | 2.7    | 16.7    | 57  | 0.0                                | 1017.3          | 16.7                         | 13.3                          | 0.12            | 0.62                         | 2.1            | 0.16             | 0.8              | 0.11  | 0.032    | 0.081  |
| 秋  | H          | 27 | 10 | 29 | 11 | 30 | ～ | H | 27 | 10 | 30   | 10      | 30                       | WNW   | 2.7    | 16.7    | 68  | 2.0                                | 1020.1          | 11.7                         | 17.8                          | 0.091           | 0.57                         | 4.1            | 0.11             | 1.9              | 0.17  | 0.021    | 0.04   |
| 秋  | H          | 27 | 10 | 30 | 11 | 30 | ～ | H | 27 | 10 | 31   | 10      | 30                       | WNW   | 2.2    | 14.4    | 90  | 6.0                                | 1021.4          | 4.8                          | 16.6                          | 0.23            | 1.3                          | 4.6            | 0.084            | 2.1              | 0.2   | 0.014    | 0.04   |
| 秋  | H          | 27 | 10 | 31 | 11 | 30 | ～ | H | 27 | 11 | 1    | 10      | 30                       | WNW   | 2.6    | 14.2    | 78  | 0.0                                | 1022.1          | 11.4                         | 17.1                          | 0.36            | 0.83                         | 4.6            | 0.081            | 1.8              | 0.17  | 0.019    | 0.058  |
| 秋  | H          | 27 | 11 | 1  | 11 | 30 | ～ | H | 27 | 11 | 2    | 10      | 30                       | WNW   | 1.8    | 16.0    | 87  | 9.0                                | 1019.2          | 3.7                          | 18.2                          | 0.32            | 0.89                         | 3.3            | 0.059            | 1.7              | 0.19  | 0.014    | 0.078  |
| 秋  | H          | 27 | 11 | 2  | 11 | 30 | ～ | H | 27 | 11 | 3    | 10      | 30                       | WNW   | 3.2    | 14.6    | 73  | 0.0                                | 1021.3          | 9.8                          | 13.1                          | 0.094           | 0.63                         | 2.7            | 0.18             | 1.1              | 0.088 | 0.0096   | 0.059  |
| 秋  | H          | 27 | 11 | 3  | 11 | 30 | ～ | H | 27 | 11 | 4    | 10      | 30                       | WNW   | 2.7    | 14.7    | 75  | 0.0                                | 1026.2          | 15.3                         | 21.3                          | 0.11            | 0.68                         | 5              | 0.083            | 1.7              | 0.17  | <0.0040  | 0.041  |
| 冬  | H          | 28 | 1  | 20 | 11 | 30 | ～ | H | 28 | 1  | 21   | 10      | 30                       | WNW   | 4.4    | 3.7     | 61  | 0.0                                | 1022.7          | 11.8                         | 13.7                          | 0.35            | 1.4                          | 3.8            | 0.14             | 1.9              | 0.17  | 0.016    | 0.047  |
| 冬  | H          | 28 | 1  | 21 | 11 | 30 | ～ | H | 28 | 1  | 22   | 10      | 30                       | WNW   | 2.4    | 5.8     | 65  | 0.0                                | 1020.1          | 6.1                          | 14                            | 0.34            | 2.2                          | 2.7            | 0.066            | 1.9              | 0.14  | <0.00030 | <0.040 |
| 冬  | H          | 28 | 1  | 22 | 11 | 30 | ～ | H | 28 | 1  | 23   | 10      | 30                       | WNW   | 2.4    | 7.6     | 64  | 0.0                                | 1020.1          | 8.6                          | 12.8                          | 0.24            | 1.1                          | 3.2            | 0.062            | 1.6              | 0.19  | <0.00030 | <0.040 |
| 冬  | H          | 28 | 1  | 23 | 11 | 30 | ～ | H | 28 | 1  | 24   | 10      | 30                       | W     | 5.1    | 4.3     | 59  | 0.0                                | 1017.1          | 9.8                          | 15.5                          | <0.079          | 1.1                          | 2.3            | 0.054            | 1.3              | 0.079 | <0.00030 | <0.040 |
| 冬  | H          | 28 | 1  | 24 | 11 | 30 | ～ | H | 28 | 1  | 25   | 10      | 30                       | W     | 5.1    | -0.5    | 57  | 0.0                                | 1021.0          | 12.6                         | 7.4                           | <0.079          | 0.42                         | 2              | 0.1              | 0.93             | 0.059 | 0.00034  | <0.040 |
| 冬  | H          | 28 | 1  | 26 | 11 | 30 | ～ | H | 28 | 1  | 27   | 10      | 30                       | WNW   | 3.4    | 5.6     | 76  | 0.0                                | 1026.5          | 10.4                         | 22.3                          | 0.34            | 1.4                          | 6.8            | 0.14             | 3.2              | 0.32  | 0.0026   | 0.04   |
| 冬  | H          | 28 | 1  | 27 | 11 | 30 | ～ | H | 28 | 1  | 28   | 10      | 30                       | WNW   | 3.0    | 8.4     | 73  | 0.0                                | 1028.2          | 5.2                          | 21                            | 0.39            | 1.8                          | 4.5            | 0.1              | 2.3              | 0.33  | 0.014    | 0.047  |
| 冬  | H          | 28 | 1  | 28 | 11 | 30 | ～ | H | 28 | 1  | 29   | 10      | 30                       | WNW   | 1.6    | 12.8    | 85  | 25.0                               | 1021.1          | 6.0                          | 20.1                          | 0.44            | 1.4                          | 4              | 0.074            | 2.2              | 0.28  | 0.0074   | 0.041  |
| 冬  | H          | 28 | 1  | 29 | 11 | 30 | ～ | H | 28 | 1  | 30   | 10      | 30                       | WSW   | 2.6    | 15.3    | 93  | 12.5                               | 1012.9          | 1.9                          | 4.1                           | <0.079          | 0.5                          | 0.82           | 0.035            | 0.41             | 0.061 | 0.0044   | <0.040 |
| 冬  | H          | 28 | 1  | 30 | 11 | 30 | ～ | H | 28 | 1  | 31   | 10      | 30                       | WNW   | 2.2    | 11.0    | 83  | 0.0                                | 1019.2          | 6.0                          | 10.5                          | 0.17            | 1                            | 2.6            | 0.45             | 1.3              | 0.087 | 0.0075   | <0.040 |
| 冬  | H          | 28 | 1  | 31 | 11 | 30 | ～ | H | 28 | 2  | 1    | 10      | 30                       | WNW   | 3.9    | 10.5    | 68  | 1.5                                | 1021.2          | 11.5                         | 26                            | 0.27            | 3.4                          | 7.9            | 0.12             | 4.3              | 0.27  | 0.015    | 0.062  |
| 冬  | H          | 28 | 2  | 1  | 11 | 30 | ～ | H | 28 | 2  | 2    | 10      | 30                       | W     | 3.5    | 7.6     | 64  | 0.0                                | 1019.3          | 5.2                          | 28.7                          | 0.14            | 5                            | 7.3            | 0.12             | 4.2              | 0.29  | 0.015    | 0.045  |
| 冬  | H          | 28 | 2  | 2  | 11 | 30 | ～ | H | 28 | 2  | 3    | 10      | 30                       | WNW   | 3.0    | 6.4     | 62  | 0.0                                | 1020.1          | 14.0                         | 17.8                          | 0.51            | 4.2                          | 4.7            | 0.19             | 2.7              | 0.42  | 0.01     | 0.042  |
| 冬  | H          | 28 | 2  | 3  | 11 | 30 | ～ | H | 28 | 2  | 4    | 10      | 30                       | WNW   | 3.3    | 7.8     | 58  | 0.0                                | 1022.1          | 16.3                         | 14.6                          | 0.31            | 3.3                          | 3.3            | 0.092            | 2.1              | 0.38  | 0.0047   | 0.043  |

イ)無機元素成分1

| 季節 | サンプリング実施時期 |    |   |    |    |    |   |   |    |   | 無機元素(ng/m <sup>3</sup> ) (*は実施推奨項目を表す) |    |     |     |      |      |     |     |       |      |      |       |      |     |        |      |      |      |
|----|------------|----|---|----|----|----|---|---|----|---|--|----|-----|-----|------|------|-----|-----|-------|------|------|-------|------|-----|--------|------|------|------|
|    | 調査時期       |    |   |    |    |    |   |   |    |   | Na                                     | Al | Si* | K   | Ca   | Sc   | Ti* | V   | Cr    | Mn*  | Fe   | Co*   | Ni   | Cu* | Zn     |      |      |      |
|    | 年          | 月  | 日 | 時  | 分  | ～  | 年 | 月 | 日  | 時 |  |    |     |     |      |      |     |     |       |      |      |       |      |     |        | 分    |      |      |
| 春  | H          | 27 | 5 | 7  | 11 | 30 | ～ | H | 27 | 5 | 8                                      | 10 | 30  | 41  | 130  | 200  | 85  | 29  | <0.28 | 3.6  | 1.6  | <0.29 | 1.8  | 46  | 0.074  | 0.69 | 0.86 | 10   |
| 春  | H          | 27 | 5 | 8  | 11 | 30 | ～ | H | 27 | 5 | 9                                      | 10 | 30  | 35  | 37   | 260  | 65  | 47  | <0.28 | 2.7  | 1.4  | 0.47  | 1.5  | 37  | 0.039  | 0.48 | 0.82 | 2.4  |
| 春  | H          | 27 | 5 | 9  | 11 | 30 | ～ | H | 27 | 5 | 10                                     | 10 | 30  | 34  | 33   | 240  | 21  | 16  | <0.28 | 1.4  | 1.1  | <0.29 | 0.59 | 23  | <0.030 | 0.22 | 0.59 | <2.0 |
| 春  | H          | 27 | 5 | 10 | 11 | 30 | ～ | H | 27 | 5 | 11                                     | 10 | 30  | 63  | 150  | 540  | 110 | 84  | <0.28 | 8.1  | 3.6  | 0.77  | 5    | 130 | 0.11   | 1.6  | 1.8  | 14   |
| 春  | H          | 27 | 5 | 11 | 11 | 30 | ～ | H | 27 | 5 | 12                                     | 10 | 30  | 180 | 72   | 520  | 71  | 51  | <0.28 | 5.9  | 3.5  | 0.65  | 3.8  | 73  | 0.051  | 0.97 | 1.2  | 4.7  |
| 春  | H          | 27 | 5 | 12 | 11 | 30 | ～ | H | 27 | 5 | 13                                     | 10 | 30  | 57  | 240  | 700  | 87  | 160 | <0.28 | 5.7  | 0.59 | 0.55  | 2.3  | 56  | <0.030 | 0.5  | 1.1  | 2.2  |
| 春  | H          | 27 | 5 | 13 | 11 | 30 | ～ | H | 27 | 5 | 14                                     | 10 | 30  | 180 | 350  | 1700 | 280 | 140 | <0.28 | 17   | 1.6  | 1.2   | 9.6  | 220 | 0.11   | 1    | 2.7  | 59   |
| 春  | H          | 27 | 5 | 14 | 11 | 30 | ～ | H | 27 | 5 | 15                                     | 10 | 30  | 97  | 140  | 620  | 86  | 65  | <0.28 | 3.6  | 1.1  | <0.29 | 2.2  | 54  | 0.037  | 0.22 | 1.7  | 18   |
| 春  | H          | 27 | 5 | 15 | 11 | 30 | ～ | H | 27 | 5 | 16                                     | 10 | 30  | 62  | 74   | 390  | 67  | 49  | <0.28 | 5    | 1.4  | <0.29 | 1.6  | 46  | 0.038  | 0.31 | 1.1  | 8.7  |
| 春  | H          | 27 | 5 | 16 | 11 | 30 | ～ | H | 27 | 5 | 17                                     | 10 | 30  | 27  | 87   | 140  | 63  | 17  | <0.28 | 2.4  | 2.2  | <0.29 | 1.8  | 31  | 0.051  | 0.24 | 1.7  | 4.2  |
| 春  | H          | 27 | 5 | 17 | 11 | 30 | ～ | H | 27 | 5 | 18                                     | 10 | 30  | 210 | 200  | 800  | 190 | 100 | <0.28 | 10   | 4.9  | 0.81  | 5.7  | 130 | 0.077  | 2.6  | 2.3  | 20   |
| 春  | H          | 27 | 5 | 18 | 11 | 30 | ～ | H | 27 | 5 | 19                                     | 10 | 30  | 29  | 64   | 260  | 12  | 23  | <0.28 | 0.57 | 1.2  | <0.29 | 0.2  | 12  | <0.030 | 0.47 | 0.32 | 2.5  |
| 春  | H          | 27 | 5 | 19 | 11 | 30 | ～ | H | 27 | 5 | 20                                     | 10 | 30  | 200 | 69   | 210  | 73  | 60  | <0.28 | 3    | 2.9  | 0.42  | 1.5  | 40  | <0.030 | 0.91 | 1.1  | 7.8  |
| 春  | H          | 27 | 5 | 20 | 11 | 30 | ～ | H | 27 | 5 | 21                                     | 10 | 30  | 190 | 230  | 990  | 230 | 170 | <0.28 | 13   | 3.5  | 1.3   | 8    | 180 | 0.077  | 2.1  | 3.3  | 44   |
| 夏  | H          | 27 | 7 | 22 | 11 | 30 | ～ | H | 27 | 7 | 23                                     | 10 | 30  | 84  | 8.5  | 45   | 47  | 74  | <0.12 | 0.95 | 0.71 | 0.14  | 0.49 | 8.3 | <0.10  | 0.49 | 0.14 | 4.8  |
| 夏  | H          | 27 | 7 | 23 | 11 | 30 | ～ | H | 27 | 7 | 24                                     | 10 | 30  | 430 | 35   | 57   | 84  | 49  | <0.12 | 0.97 | 2.4  | 0.17  | 0.42 | 9.3 | <0.10  | 0.81 | 0.42 | 9.4  |
| 夏  | H          | 27 | 7 | 24 | 11 | 30 | ～ | H | 27 | 7 | 25                                     | 10 | 30  | 290 | 87   | 140  | 53  | 100 | <0.12 | 2    | 2.2  | 0.2   | 0.45 | 10  | 0.24   | 0.63 | 1.5  | 3.3  |
| 夏  | H          | 27 | 7 | 25 | 11 | 30 | ～ | H | 27 | 7 | 26                                     | 10 | 30  | 620 | 21   | 33   | 50  | 100 | <0.12 | 2.4  | 1.4  | 0.29  | 0.16 | 7.4 | <0.10  | 0.66 | 0.57 | 4.6  |
| 夏  | H          | 27 | 7 | 26 | 11 | 30 | ～ | H | 27 | 7 | 27                                     | 10 | 30  | 190 | <6.6 | 120  | 31  | 53  | <0.12 | 0.23 | 1.4  | 0.31  | 0.19 | 4.1 | <0.10  | 0.37 | 0.36 | 9.1  |
| 夏  | H          | 27 | 7 | 27 | 11 | 30 | ～ | H | 27 | 7 | 28                                     | 10 | 30  | 140 | 50   | 140  | 58  | 25  | <0.12 | 0.54 | 2.4  | 0.56  | 0.55 | 12  | <0.10  | 1.2  | 0.18 | 8.6  |
| 夏  | H          | 27 | 7 | 28 | 11 | 30 | ～ | H | 27 | 7 | 29                                     | 10 | 30  | 150 | 13   | 280  | 79  | 25  | <0.12 | 2.3  | 3.1  | 0.84  | 1.1  | 24  | <0.10  | 1.2  | 1.3  | 16   |
| 夏  | H          | 27 | 7 | 29 | 11 | 30 | ～ | H | 27 | 7 | 30                                     | 10 | 30  | 160 | 45   | 390  | 99  | 46  | <0.12 | 3.7  | 3.4  | 0.5   | 2.1  | 40  | <0.10  | 1.6  | 2.2  | 20   |
| 夏  | H          | 27 | 7 | 30 | 11 | 30 | ～ | H | 27 | 7 | 31                                     | 10 | 30  | 170 | 77   | 470  | 170 | 93  | <0.12 | 3.8  | 4.1  | 0.9   | 4.6  | 78  | <0.10  | 1.8  | 3.2  | 35   |
| 夏  | H          | 27 | 7 | 31 | 11 | 30 | ～ | H | 27 | 8 | 1                                      | 10 | 30  | 240 | 23   | 660  | 190 | 87  | <0.12 | 5.5  | 12   | 2.7   | 6.2  | 140 | 0.1    | 4.1  | 4.7  | 47   |
| 夏  | H          | 27 | 8 | 1  | 11 | 30 | ～ | H | 27 | 8 | 2                                      | 10 | 30  | 140 | 54   | 430  | 190 | 44  | <0.12 | 2.8  | 10   | 1.2   | 3.6  | 69  | 0.13   | 3.1  | 4.6  | 36   |
| 夏  | H          | 27 | 8 | 2  | 11 | 30 | ～ | H | 27 | 8 | 3                                      | 10 | 30  | 120 | 150  | 510  | 170 | 150 | <0.12 | 2.3  | 8.4  | 0.53  | 2.1  | 37  | <0.10  | 2.9  | 2.4  | 75   |
| 夏  | H          | 27 | 8 | 3  | 11 | 30 | ～ | H | 27 | 8 | 4                                      | 10 | 30  | 120 | 150  | 940  | 150 | 140 | <0.12 | 5    | 8.3  | 0.46  | 2.7  | 86  | <0.10  | 2.6  | 1.9  | 18   |
| 夏  | H          | 27 | 8 | 4  | 11 | 30 | ～ | H | 27 | 8 | 5                                      | 10 | 30  | 62  | 210  | 620  | 120 | 73  | <0.12 | 3.5  | 4.7  | 0.24  | 2.1  | 65  | <0.10  | 1.4  | 1.9  | 19   |

| 季節 | サンプリング実施時期 |    |    |    |    |    |   |   |    |    | 無機元素(ng/m <sup>3</sup> ) (*は実施推奨項目を表す) |    |     |     |     |      |     |     |        |      |      |       |      |     |       |       |       |     |
|----|------------|----|----|----|----|----|---|---|----|----|--|----|-----|-----|-----|------|-----|-----|--------|------|------|-------|------|-----|-------|-------|-------|-----|
|    | 調査時期       |    |    |    |    |    |   |   |    |    | Na                                     | Al | Si* | K   | Ca  | Sc   | Ti* | V   | Cr     | Mn*  | Fe   | Co*   | Ni   | Cu* | Zn    |       |       |     |
|    | 年          | 月  | 日  | 時  | 分  | ～  | 年 | 月 | 日  | 時  |  |    |     |     |     |      |     |     |        |      |      |       |      |     |       | 分     |       |     |
| 秋  | H          | 27 | 10 | 21 | 11 | 30 | ～ | H | 27 | 10 | 22                                     | 10 | 30  | 250 | 150 | 670  | 330 | 120 | 0.063  | 5.3  | 3.7  | 1.7   | 10   | 160 | <0.15 | 2     | 4.3   | 55  |
| 秋  | H          | 27 | 10 | 22 | 11 | 30 | ～ | H | 27 | 10 | 23                                     | 10 | 30  | 340 | 300 | 590  | 320 | 130 | <0.030 | 7.6  | 3.6  | 1.3   | 12   | 170 | <0.15 | 1.6   | 3.4   | 44  |
| 秋  | H          | 27 | 10 | 23 | 11 | 30 | ～ | H | 27 | 10 | 24                                     | 10 | 30  | 270 | 140 | 390  | 270 | 62  | 0.05   | 11   | 4.6  | 1.1   | 9.9  | 140 | <0.15 | 2     | 3.4   | 31  |
| 秋  | H          | 27 | 10 | 24 | 11 | 30 | ～ | H | 27 | 10 | 25                                     | 10 | 30  | 280 | 140 | 550  | 220 | 120 | <0.030 | 5.9  | 3.4  | 0.77  | 5.9  | 110 | <0.15 | 1.8   | 2.2   | 56  |
| 秋  | H          | 27 | 10 | 25 | 11 | 30 | ～ | H | 27 | 10 | 26                                     | 10 | 30  | 370 | 100 | 470  | 130 | 82  | 0.044  | 3.2  | 1.4  | 0.43  | 2.3  | 66  | <0.15 | 1.2   | 1.1   | 18  |
| 秋  | H          | 27 | 10 | 26 | 11 | 30 | ～ | H | 27 | 10 | 27                                     | 10 | 30  | 100 | 35  | 370  | 85  | 23  | <0.030 | 0.58 | 1.9  | 0.16  | 1.1  | 25  | <0.15 | 0.54  | 0.68  | 7.6 |
| 秋  | H          | 27 | 10 | 27 | 11 | 30 | ～ | H | 27 | 10 | 28                                     | 10 | 30  | 150 | 85  | 680  | 83  | 64  | <0.030 | 2.7  | 1.2  | 0.54  | 2.6  | 67  | <0.15 | 0.37  | 1     | 6.1 |
| 秋  | H          | 27 | 10 | 28 | 11 | 30 | ～ | H | 27 | 10 | 29                                     | 10 | 30  | 170 | 200 | 1400 | 130 | 110 | <0.030 | 8    | 1.3  | 0.79  | 4.3  | 110 | <0.15 | 0.5   | 1.1   | 26  |
| 秋  | H          | 27 | 10 | 29 | 11 | 30 | ～ | H | 27 | 10 | 30                                     | 10 | 30  | 180 | 140 | 780  | 170 | 80  | <0.030 | 7.1  | 2.1  | 0.77  | 5.7  | 100 | <0.15 | 0.64  | 2.1   | 19  |
| 秋  | H          | 27 | 10 | 30 | 11 | 30 | ～ | H | 27 | 10 | 31                                     | 10 | 30  | 46  | 48  | 280  | 160 | 21  | <0.030 | 3    | 1    | 0.49  | 3.7  | 47  | <0.15 | 0.5   | 1.8   | 17  |
| 秋  | H          | 27 | 10 | 31 | 11 | 30 | ～ | H | 27 | 11 | 1                                      | 10 | 30  | 80  | 38  | 270  | 140 | 33  | <0.030 | 2.2  | 1.7  | 1     | 3.9  | 72  | <0.15 | 0.77  | 1.9   | 42  |
| 秋  | H          | 27 | 11 | 1  | 11 | 30 | ～ | H | 27 | 11 | 2                                      | 10 | 30  | 61  | 38  | 210  | 170 | 26  | <0.030 | 1.8  | 1.7  | 0.67  | 2.5  | 41  | <0.15 | 0.86  | 2     | 26  |
| 秋  | H          | 27 | 11 | 2  | 11 | 30 | ～ | H | 27 | 11 | 3                                      | 10 | 30  | 42  | 290 | 150  | 68  | 26  | <0.030 | 0.47 | 1    | 0.25  | 1.3  | 15  | <0.15 | 0.51  | 0.79  | 13  |
| 秋  | H          | 27 | 11 | 3  | 11 | 30 | ～ | H | 27 | 11 | 4                                      | 10 | 30  | 130 | 59  | 550  | 220 | 55  | <0.030 | 2.8  | 2.3  | 0.84  | 4.7  | 75  | <0.15 | 1     | 2.7   | 27  |
| 冬  | H          | 28 | 1  | 20 | 11 | 30 | ～ | H | 28 | 1  | 21                                     | 10 | 30  | 210 | 43  | 450  | 160 | 73  | <0.18  | 3.4  | 0.71 | 0.77  | 2.5  | 37  | <0.24 | 0.98  | 1.7   | 25  |
| 冬  | H          | 28 | 1  | 21 | 11 | 30 | ～ | H | 28 | 1  | 22                                     | 10 | 30  | 88  | 42  | 260  | 130 | 30  | <0.18  | 1.9  | 1.7  | 0.39  | 3.1  | 39  | <0.24 | 0.96  | 1.6   | 19  |
| 冬  | H          | 28 | 1  | 22 | 11 | 30 | ～ | H | 28 | 1  | 23                                     | 10 | 30  | 67  | 43  | 160  | 190 | 39  | <0.18  | 2.5  | 0.86 | 0.94  | 3    | 43  | <0.24 | 0.57  | 2.4   | 20  |
| 冬  | H          | 28 | 1  | 23 | 11 | 30 | ～ | H | 28 | 1  | 24                                     | 10 | 30  | 110 | 150 | 260  | 110 | 38  | <0.18  | 1.6  | 1.1  | 0.34  | 2.6  | 37  | <0.24 | 0.63  | 2.4   | 17  |
| 冬  | H          | 28 | 1  | 24 | 11 | 30 | ～ | H | 28 | 1  | 25                                     | 10 | 30  | 110 | 100 | 190  | 60  | 31  | <0.18  | 2.8  | 0.47 | <0.18 | 1    | 24  | <0.24 | <0.52 | <0.42 | 8.5 |
| 冬  | H          | 28 | 1  | 26 | 11 | 30 | ～ | H | 28 | 1  | 27                                     | 10 | 30  | 140 | 72  | 340  | 300 | 45  | <0.18  | 3.7  | 1.2  | 0.37  | 3    | 46  | <0.24 | 0.53  | 2.7   | 24  |
| 冬  | H          | 28 | 1  | 27 | 11 | 30 | ～ | H | 28 | 1  | 28                                     | 10 | 30  | 99  | 91  | 310  | 310 | 47  | <0.18  | 4.3  | 1.3  | 0.54  | 5.1  | 61  | <0.24 | 0.61  | 2.6   | 28  |
| 冬  | H          | 28 | 1  | 28 | 11 | 30 | ～ | H | 28 | 1  | 29                                     | 10 | 30  | 110 | 76  | 270  | 290 | 45  | <0.18  | 4.1  | 2    | 0.94  | 7.5  | 75  | <0.24 | 0.66  | 3.1   | 30  |
| 冬  | H          | 28 | 1  | 29 | 11 | 30 | ～ | H | 28 | 1  | 30                                     | 10 | 30  | 21  | 7   | <6.0 | 42  | 8.6 | <0.18  | 0.57 | 0.25 | <0.18 | 0.62 | 7   | <0.24 | <0.52 | <0.42 | 25  |
| 冬  | H          | 28 | 1  | 30 | 11 | 30 | ～ | H | 28 | 1  | 31                                     | 10 | 30  | 60  | 35  | 21   | 80  | 24  | <0.18  | 1.2  | 0.97 | 0.52  | 1.3  | 22  | <0.24 | <0.52 | 1.8   | 14  |
| 冬  | H          | 28 | 1  | 31 | 11 | 30 | ～ | H | 28 | 2  | 1                                      | 10 | 30  | 120 | 49  | 320  | 220 | 46  | <0.18  | 2.7  | 1.2  | 0.59  | 4.4  | 51  | <0.24 | <0.52 | 1.6   | 20  |
| 冬  | H          | 28 | 2  | 1  | 11 | 30 | ～ | H | 28 | 2  | 2                                      | 10 | 30  | 110 | 45  | 200  | 270 | 34  | <0.18  | 3.7  | 2.4  | 0.82  | 6.4  | 69  | <0.24 | 1.2   | 2.4   | 25  |
| 冬  | H          | 28 | 2  | 2  | 11 | 30 | ～ | H | 28 | 2  | 3                                      | 10 | 30  | 120 | 21  | 240  | 400 | 58  | <0.18  | 3.2  | 2.2  | 0.57  | 5    | 54  | <0.24 | <0.52 | 2.6   | 21  |
| 冬  | H          | 28 | 2  | 3  | 11 | 30 | ～ | H | 28 | 2  | 4                                      | 10 | 30  | 88  | 28  | 250  | 360 | 51  | <0.18  | 1.7  | 1.7  | 0.43  | 3.6  | 38  | <0.24 | 0.77  | 1.6   | 17  |

ウ)無機元素成分2

| 季節 | サンプリング実施時期 |    |   |    |    |    |   |   |    |   | 無機元素 (ng/m3) (*は実施推奨項目を表す) |     |     |      |        |        |        |        |        |       |        |        |        |        |        |        |        |       |
|----|------------|----|---|----|----|----|---|---|----|---|----------------------------|-----|-----|------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | 調査時期       |    |   |    |    |    |   |   |    |   | As                         | Se* | Rb* | Mo*  | Sb     | Cs*    | Ba*    | La*    | Ce*    | Sm*   | Hf*    | W*     | Ta*    | Th*    | Pb     |        |        |       |
|    | 年          | 月  | 日 | 時  | 分  | ～  | 年 | 月 | 日  | 時 |                            |     |     |      |        |        |        |        |        |       |        |        |        |        |        | 分      |        |       |
| 春  | H          | 27 | 5 | 7  | 11 | 30 | ～ | H | 27 | 5 | 8                          | 10  | 30  | 0.83 | 0.82   | 0.37   | 0.11   | 0.66   | 0.054  | 0.9   | 0.058  | 0.076  | <0.13  | 0.037  | 0.17   | <0.15  | <0.033 | 3.3   |
| 春  | H          | 27 | 5 | 8  | 11 | 30 | ～ | H | 27 | 5 | 9                          | 10  | 30  | 0.48 | 0.8    | <0.10  | 0.15   | <0.42  | <0.054 | 1.1   | <0.047 | 0.12   | <0.13  | <0.015 | <0.094 | <0.15  | <0.033 | 1.6   |
| 春  | H          | 27 | 5 | 9  | 11 | 30 | ～ | H | 27 | 5 | 10                         | 10  | 30  | 0.18 | 0.16   | <0.10  | <0.087 | <0.42  | <0.054 | <0.40 | <0.047 | <0.060 | <0.13  | <0.015 | <0.094 | <0.15  | <0.033 | 1     |
| 春  | H          | 27 | 5 | 10 | 11 | 30 | ～ | H | 27 | 5 | 11                         | 10  | 30  | 0.96 | 1.4    | 0.6    | 0.56   | 0.55   | 0.12   | 2     | 0.089  | 0.085  | <0.13  | <0.015 | 0.24   | <0.15  | <0.033 | 7.1   |
| 春  | H          | 27 | 5 | 11 | 11 | 30 | ～ | H | 27 | 5 | 12                         | 10  | 30  | 1.1  | 1.4    | 0.46   | 0.48   | <0.42  | 0.054  | 1.2   | 0.057  | 0.15   | <0.13  | 0.035  | 0.12   | <0.15  | <0.033 | 5.2   |
| 春  | H          | 27 | 5 | 12 | 11 | 30 | ～ | H | 27 | 5 | 13                         | 10  | 30  | 0.77 | 1.1    | 0.29   | 0.26   | <0.42  | <0.054 | 0.8   | <0.047 | 0.12   | <0.13  | <0.015 | 0.46   | <0.15  | <0.033 | 4.8   |
| 春  | H          | 27 | 5 | 13 | 11 | 30 | ～ | H | 27 | 5 | 14                         | 10  | 30  | 2.1  | 1.8    | 1.1    | 0.46   | 1.1    | 0.11   | 3.8   | 0.17   | 0.49   | <0.13  | <0.015 | 0.21   | <0.15  | 0.033  | 13    |
| 春  | H          | 27 | 5 | 14 | 11 | 30 | ～ | H | 27 | 5 | 15                         | 10  | 30  | 1.3  | 1.2    | 0.19   | <0.087 | <0.42  | <0.054 | 1.2   | 0.1    | 0.25   | <0.13  | 0.021  | 0.094  | <0.15  | <0.033 | 3.1   |
| 春  | H          | 27 | 5 | 15 | 11 | 30 | ～ | H | 27 | 5 | 16                         | 10  | 30  | 0.39 | 0.74   | 0.13   | 0.09   | <0.42  | <0.054 | 0.91  | <0.047 | <0.060 | <0.13  | 0.042  | <0.094 | 0.21   | <0.033 | 2.1   |
| 春  | H          | 27 | 5 | 16 | 11 | 30 | ～ | H | 27 | 5 | 17                         | 10  | 30  | 0.69 | 1.6    | 0.27   | <0.087 | <0.42  | <0.054 | 0.63  | <0.047 | <0.060 | <0.13  | <0.015 | 0.13   | <0.15  | <0.033 | 3.1   |
| 春  | H          | 27 | 5 | 17 | 11 | 30 | ～ | H | 27 | 5 | 18                         | 10  | 30  | 2.7  | 2.7    | 0.61   | 0.43   | 0.7    | 0.072  | 2.9   | 0.11   | 0.41   | <0.13  | <0.015 | 0.094  | 0.17   | <0.033 | 9.6   |
| 春  | H          | 27 | 5 | 18 | 11 | 30 | ～ | H | 27 | 5 | 19                         | 10  | 30  | 0.12 | 0.16   | 0.1    | <0.087 | <0.42  | <0.054 | <0.40 | <0.047 | <0.060 | <0.13  | <0.015 | <0.094 | <0.15  | <0.033 | 0.35  |
| 春  | H          | 27 | 5 | 19 | 11 | 30 | ～ | H | 27 | 5 | 20                         | 10  | 30  | 0.99 | 1.2    | 0.27   | 0.32   | <0.42  | <0.054 | 0.94  | <0.047 | 0.16   | <0.13  | <0.015 | <0.094 | <0.15  | <0.033 | 2.3   |
| 春  | H          | 27 | 5 | 20 | 11 | 30 | ～ | H | 27 | 5 | 21                         | 10  | 30  | 1.6  | 2.8    | 0.63   | 0.5    | 0.72   | 0.077  | 2.6   | 0.19   | 0.53   | <0.13  | <0.015 | 0.16   | <0.15  | <0.033 | 14    |
| 夏  | H          | 27 | 7 | 22 | 11 | 30 | ～ | H | 27 | 7 | 23                         | 10  | 30  | 0.23 | <0.083 | 0.23   | 0.14   | 0.13   | <0.026 | 1.2   | <0.026 | 0.056  | <0.057 | <0.045 | 0.23   | 0.15   | 0.044  | 0.42  |
| 夏  | H          | 27 | 7 | 23 | 11 | 30 | ～ | H | 27 | 7 | 24                         | 10  | 30  | 0.23 | <0.083 | 0.2    | 0.16   | 0.49   | <0.026 | 1.4   | 0.032  | <0.045 | <0.057 | 0.082  | 0.37   | 0.22   | 0.054  | 0.69  |
| 夏  | H          | 27 | 7 | 24 | 11 | 30 | ～ | H | 27 | 7 | 25                         | 10  | 30  | 0.27 | <0.083 | 0.2    | <0.080 | <0.085 | <0.026 | 1.9   | 0.037  | 0.06   | <0.057 | 0.096  | <0.086 | 0.16   | 0.03   | 0.32  |
| 夏  | H          | 27 | 7 | 25 | 11 | 30 | ～ | H | 27 | 7 | 26                         | 10  | 30  | 0.12 | <0.083 | 0.2    | 0.11   | 0.1    | <0.026 | 0.81  | 0.037  | 0.088  | <0.057 | <0.045 | <0.086 | <0.099 | <0.027 | 0.099 |
| 夏  | H          | 27 | 7 | 26 | 11 | 30 | ～ | H | 27 | 7 | 27                         | 10  | 30  | 0.2  | <0.083 | 0.12   | 0.11   | 0.15   | <0.026 | 0.61  | 0.041  | 0.084  | <0.057 | 0.05   | <0.086 | <0.099 | <0.027 | 0.25  |
| 夏  | H          | 27 | 7 | 27 | 11 | 30 | ～ | H | 27 | 7 | 28                         | 10  | 30  | 0.27 | <0.083 | 0.24   | 0.26   | 0.1    | 0.062  | <0.36 | 0.029  | 0.084  | <0.057 | 0.056  | <0.086 | 0.23   | 0.028  | 1     |
| 夏  | H          | 27 | 7 | 28 | 11 | 30 | ～ | H | 27 | 7 | 29                         | 10  | 30  | 0.94 | 1.3    | <0.083 | <0.080 | 0.61   | <0.026 | 0.76  | 0.035  | 0.087  | <0.057 | <0.045 | 0.32   | 0.27   | <0.027 | 3.9   |
| 夏  | H          | 27 | 7 | 29 | 11 | 30 | ～ | H | 27 | 7 | 30                         | 10  | 30  | 0.89 | 0.46   | 0.66   | 0.24   | 0.29   | <0.026 | 1.3   | 0.03   | 0.13   | <0.057 | 0.12   | 0.75   | 0.18   | 0.028  | 5.4   |
| 夏  | H          | 27 | 7 | 30 | 11 | 30 | ～ | H | 27 | 7 | 31                         | 10  | 30  | 2.2  | 2.7    | 0.34   | 0.23   | 0.86   | 0.026  | 2.6   | 0.11   | 0.33   | <0.057 | 0.12   | 0.5    | 0.23   | 0.028  | 9.1   |
| 夏  | H          | 27 | 7 | 31 | 11 | 30 | ～ | H | 27 | 8 | 1                          | 10  | 30  | 2.8  | 4.8    | 0.54   | 1.8    | 1.2    | 0.043  | 3.5   | 0.2    | 0.22   | <0.057 | <0.045 | 0.37   | <0.099 | <0.027 | 11    |
| 夏  | H          | 27 | 8 | 1  | 11 | 30 | ～ | H | 27 | 8 | 2                          | 10  | 30  | 2.1  | 3      | 0.47   | 0.38   | 1.3    | 0.03   | 5.9   | 0.065  | <0.045 | <0.057 | <0.045 | 0.39   | 0.11   | <0.027 | 6.5   |
| 夏  | H          | 27 | 8 | 2  | 11 | 30 | ～ | H | 27 | 8 | 3                          | 10  | 30  | 1.8  | 2.5    | 0.31   | 0.32   | 1.5    | <0.026 | 4.1   | 0.074  | 0.23   | <0.057 | <0.045 | 0.16   | <0.099 | <0.027 | 5.2   |
| 夏  | H          | 27 | 8 | 3  | 11 | 30 | ～ | H | 27 | 8 | 4                          | 10  | 30  | 2.4  | 1.9    | 0.24   | 0.31   | 0.7    | <0.026 | 2.4   | 0.029  | 0.26   | <0.057 | <0.045 | <0.086 | 0.15   | <0.027 | 3.6   |
| 夏  | H          | 27 | 8 | 4  | 11 | 30 | ～ | H | 27 | 8 | 5                          | 10  | 30  | 1.3  | 1.7    | 0.34   | 0.2    | 0.41   | 0.037  | 1.2   | 0.029  | <0.045 | <0.057 | <0.045 | <0.086 | 0.31   | <0.027 | 4.8   |

| 季節 | サンプリング実施時期 |    |    |    |    |    |   |   |    |    | 無機元素 (ng/m <sup>3</sup> ) (*は実施推奨項目を表す) |     |     |      |       |       |        |       |       |      |       |       |        |        |       |        |        |      |
|----|------------|----|----|----|----|----|---|---|----|----|---|-----|-----|------|-------|-------|--------|-------|-------|------|-------|-------|--------|--------|-------|--------|--------|------|
|    | 調査時期       |    |    |    |    |    |   |   |    |    | As                                      | Se* | Rb* | Mo*  | Sb    | Cs*   | Ba*    | La*   | Ce*   | Sm*  | Hf*   | W*    | Ta*    | Th*    | Pb    |        |        |      |
|    | 年          | 月  | 日  | 時  | 分  | ～  | 年 | 月 | 日  | 時  |   |     |     |      |       |       |        |       |       |      |       |       |        |        |       | 分      |        |      |
| 秋  | H          | 27 | 10 | 21 | 11 | 30 | ～ | H | 27 | 10 | 22                                      | 10  | 30  | 3.5  | 5.4   | 1.2   | 0.56   | 1.3   | 0.2   | 2.7  | <0.27 | 0.36  | <0.027 | <0.030 | 0.42  | 0.13   | <0.14  | 20   |
| 秋  | H          | 27 | 10 | 22 | 11 | 30 | ～ | H | 27 | 10 | 23                                      | 10  | 30  | 2.9  | 4.8   | 1.2   | 0.77   | 1.8   | 0.26  | 2.7  | <0.27 | 0.54  | <0.027 | 0.064  | 0.4   | 0.13   | <0.14  | 21   |
| 秋  | H          | 27 | 10 | 23 | 11 | 30 | ～ | H | 27 | 10 | 24                                      | 10  | 30  | 2.8  | 3.8   | 0.82  | 0.41   | 1.8   | 0.18  | 2.3  | <0.27 | 0.37  | <0.027 | 0.035  | 0.37  | <0.091 | <0.14  | 17   |
| 秋  | H          | 27 | 10 | 24 | 11 | 30 | ～ | H | 27 | 10 | 25                                      | 10  | 30  | 2.4  | 3.1   | 0.57  | 0.39   | 0.9   | <0.18 | 2.7  | <0.27 | 0.35  | <0.027 | 0.035  | 0.27  | 0.12   | <0.14  | 13   |
| 秋  | H          | 27 | 10 | 25 | 11 | 30 | ～ | H | 27 | 10 | 26                                      | 10  | 30  | 0.77 | 3.3   | 0.16  | 0.35   | 0.48  | <0.18 | 1.3  | <0.27 | 0.27  | <0.027 | 0.04   | 0.56  | 0.093  | <0.14  | 3.3  |
| 秋  | H          | 27 | 10 | 26 | 11 | 30 | ～ | H | 27 | 10 | 27                                      | 10  | 30  | 0.62 | 2.9   | 0.17  | 0.13   | 1.2   | <0.18 | 0.65 | <0.27 | <0.17 | <0.027 | <0.030 | <0.16 | 0.14   | <0.14  | 2.6  |
| 秋  | H          | 27 | 10 | 27 | 11 | 30 | ～ | H | 27 | 10 | 28                                      | 10  | 30  | 0.5  | 0.79  | 0.3   | <0.067 | 0.14  | <0.18 | 0.94 | <0.27 | <0.17 | <0.027 | <0.030 | 0.37  | 0.16   | <0.14  | 2.7  |
| 秋  | H          | 27 | 10 | 28 | 11 | 30 | ～ | H | 27 | 10 | 29                                      | 10  | 30  | 0.29 | 1.8   | 0.5   | 0.086  | 0.33  | <0.18 | 2.2  | <0.27 | 0.4   | <0.027 | 0.064  | <0.16 | 0.18   | <0.14  | 5.2  |
| 秋  | H          | 27 | 10 | 29 | 11 | 30 | ～ | H | 27 | 10 | 30                                      | 10  | 30  | 0.71 | 2     | 0.38  | 0.34   | 0.63  | <0.18 | 2.2  | <0.27 | 0.6   | <0.027 | 0.033  | <0.16 | 0.13   | <0.14  | 7.2  |
| 秋  | H          | 27 | 10 | 30 | 11 | 30 | ～ | H | 27 | 10 | 31                                      | 10  | 30  | 0.98 | 1.3   | 0.34  | <0.067 | 0.76  | <0.18 | 0.9  | <0.27 | <0.17 | <0.027 | 0.033  | <0.16 | <0.091 | <0.14  | 6.7  |
| 秋  | H          | 27 | 10 | 31 | 11 | 30 | ～ | H | 27 | 11 | 1                                       | 10  | 30  | 1.2  | 2.7   | 0.53  | 0.15   | 1.3   | <0.18 | 1.7  | <0.27 | <0.17 | <0.027 | 0.038  | <0.16 | <0.091 | <0.14  | 6.1  |
| 秋  | H          | 27 | 11 | 1  | 11 | 30 | ～ | H | 27 | 11 | 2                                       | 10  | 30  | 1.9  | 2.2   | 0.53  | 0.13   | 0.97  | <0.18 | 1.2  | <0.27 | 0.21  | <0.027 | <0.030 | <0.16 | 0.14   | <0.14  | 5.4  |
| 秋  | H          | 27 | 11 | 2  | 11 | 30 | ～ | H | 27 | 11 | 3                                       | 10  | 30  | 0.36 | 1.1   | 0.33  | 0.099  | 0.16  | <0.18 | 0.68 | <0.27 | <0.17 | <0.027 | 0.031  | <0.16 | 0.2    | <0.14  | 2.4  |
| 秋  | H          | 27 | 11 | 3  | 11 | 30 | ～ | H | 27 | 11 | 4                                       | 10  | 30  | 1.4  | 2.8   | 0.43  | 0.27   | 1     | <0.18 | 1.6  | <0.27 | 0.44  | <0.027 | 0.035  | <0.16 | 0.2    | <0.14  | 10   |
| 冬  | H          | 28 | 1  | 20 | 11 | 30 | ～ | H | 28 | 1  | 21                                      | 10  | 30  | 0.56 | 4.3   | 0.19  | 0.32   | 0.42  | <0.24 | 0.9  | <0.15 | 0.56  | <0.21  | 0.26   | <0.26 | <0.53  | <0.047 | 4.1  |
| 冬  | H          | 28 | 1  | 21 | 11 | 30 | ～ | H | 28 | 1  | 22                                      | 10  | 30  | 0.6  | 2.2   | 0.25  | 0.17   | 0.67  | <0.24 | 0.87 | <0.15 | 0.23  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 4.4  |
| 冬  | H          | 28 | 1  | 22 | 11 | 30 | ～ | H | 28 | 1  | 23                                      | 10  | 30  | 1.2  | 1.8   | 0.46  | 0.24   | 1.1   | <0.24 | 1.7  | <0.15 | <0.19 | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 4    |
| 冬  | H          | 28 | 1  | 23 | 11 | 30 | ～ | H | 28 | 1  | 24                                      | 10  | 30  | 1.1  | 1.8   | 0.25  | 0.071  | 0.55  | <0.24 | 1    | <0.15 | 0.22  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 6.3  |
| 冬  | H          | 28 | 1  | 24 | 11 | 30 | ～ | H | 28 | 1  | 25                                      | 10  | 30  | 0.62 | 0.83  | 0.083 | 0.11   | <0.24 | <0.24 | 0.67 | <0.15 | 0.22  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 2.8  |
| 冬  | H          | 28 | 1  | 26 | 11 | 30 | ～ | H | 28 | 1  | 27                                      | 10  | 30  | 1.3  | 2.8   | 0.81  | 0.097  | 1.2   | <0.24 | 1.9  | <0.15 | 0.33  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 10   |
| 冬  | H          | 28 | 1  | 27 | 11 | 30 | ～ | H | 28 | 1  | 28                                      | 10  | 30  | 1    | 6.6   | 0.74  | 0.28   | 1.3   | <0.24 | 2.9  | <0.15 | <0.19 | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 10   |
| 冬  | H          | 28 | 1  | 28 | 11 | 30 | ～ | H | 28 | 1  | 29                                      | 10  | 30  | 1.4  | 3.3   | 0.71  | 0.11   | 1.9   | <0.24 | 2.3  | <0.15 | 0.31  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 9.9  |
| 冬  | H          | 28 | 1  | 29 | 11 | 30 | ～ | H | 28 | 1  | 30                                      | 10  | 30  | 0.37 | <0.26 | 0.11  | <0.062 | <0.24 | <0.24 | 0.3  | <0.15 | <0.19 | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 0.75 |
| 冬  | H          | 28 | 1  | 30 | 11 | 30 | ～ | H | 28 | 1  | 31                                      | 10  | 30  | 0.24 | 1.5   | 0.27  | 0.36   | 0.61  | <0.24 | 0.77 | <0.15 | <0.19 | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 1.9  |
| 冬  | H          | 28 | 1  | 31 | 11 | 30 | ～ | H | 28 | 2  | 1                                       | 10  | 30  | 2.1  | 2.9   | 0.59  | 0.34   | 0.91  | <0.24 | 2.1  | <0.15 | 0.22  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 14   |
| 冬  | H          | 28 | 2  | 1  | 11 | 30 | ～ | H | 28 | 2  | 2                                       | 10  | 30  | 2.6  | 3.2   | 0.95  | 0.55   | 1.1   | <0.24 | 1.8  | <0.15 | <0.19 | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 14   |
| 冬  | H          | 28 | 2  | 2  | 11 | 30 | ～ | H | 28 | 2  | 3                                       | 10  | 30  | 1.2  | 2.3   | 0.56  | 0.29   | 0.78  | <0.24 | 1.8  | <0.15 | 0.2   | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 5.6  |
| 冬  | H          | 28 | 2  | 3  | 11 | 30 | ～ | H | 28 | 2  | 4                                       | 10  | 30  | 0.67 | 2.3   | 0.42  | 0.21   | 0.54  | <0.24 | 1.4  | <0.15 | 0.28  | <0.21  | <0.17  | <0.26 | <0.53  | <0.047 | 3.2  |

エ)炭素成分

| 季節 | サンプリング実施時期 |    |   |    |    |    |   |   |    |   | 炭素成分(μg/m <sup>3</sup> ) |     |     |       |        |      |       |        |      |       |        |       |        |
|----|------------|----|---|----|----|----|---|---|----|---|--------------------------|-----|-----|-------|--------|------|-------|--------|------|-------|--------|-------|--------|
|    | 調査時期       |    |   |    |    |    |   |   |    |   | OC1                      | OC2 | OC3 | OC4   | OCpyro | EC1  | EC2   | EC3    | OC   | EC    |        |       |        |
|    | 年          | 月  | 日 | 時  | 分  | ～  | 年 | 月 | 日  | 時 |                          |     |     |       |        |      |       |        |      |       | 分      |       |        |
| 春  | H          | 27 | 5 | 7  | 11 | 30 | ～ | H | 27 | 5 | 8                        | 10  | 30  | 0.094 | 1.4    | 0.79 | 0.27  | 0.72   | 0.55 | 0.75  | 0.13   | 3.3   | 0.71   |
| 春  | H          | 27 | 5 | 8  | 11 | 30 | ～ | H | 27 | 5 | 9                        | 10  | 30  | 0.07  | 0.97   | 0.49 | 0.19  | 0.75   | 0.4  | 0.7   | 0.15   | 2.5   | 0.5    |
| 春  | H          | 27 | 5 | 9  | 11 | 30 | ～ | H | 27 | 5 | 10                       | 10  | 30  | 0.084 | 0.78   | 0.35 | 0.14  | 0.64   | 0.31 | 0.55  | 0.09   | 2     | 0.31   |
| 春  | H          | 27 | 5 | 10 | 11 | 30 | ～ | H | 27 | 5 | 11                       | 10  | 30  | 0.12  | 1.1    | 0.64 | 0.23  | 1.1    | 0.87 | 0.84  | 0.045  | 3.2   | 0.66   |
| 春  | H          | 27 | 5 | 11 | 11 | 30 | ～ | H | 27 | 5 | 12                       | 10  | 30  | 0.072 | 0.69   | 0.38 | 0.16  | 0.44   | 0.4  | 0.52  | 0.037  | 1.7   | 0.52   |
| 春  | H          | 27 | 5 | 12 | 11 | 30 | ～ | H | 27 | 5 | 13                       | 10  | 30  | 0.048 | 0.69   | 0.33 | 0.13  | 0.63   | 0.5  | 0.5   | 0.024  | 1.8   | 0.39   |
| 春  | H          | 27 | 5 | 13 | 11 | 30 | ～ | H | 27 | 5 | 14                       | 10  | 30  | 0.14  | 1.3    | 0.76 | 0.27  | 1.3    | 1.4  | 0.77  | 0.057  | 3.8   | 0.93   |
| 春  | H          | 27 | 5 | 14 | 11 | 30 | ～ | H | 27 | 5 | 15                       | 10  | 30  | 0.072 | 0.97   | 0.44 | 0.17  | 0.94   | 0.83 | 0.71  | 0.068  | 2.6   | 0.67   |
| 春  | H          | 27 | 5 | 15 | 11 | 30 | ～ | H | 27 | 5 | 16                       | 10  | 30  | 0.04  | 0.74   | 0.39 | 0.16  | 0.61   | 0.41 | 0.58  | 0.087  | 1.9   | 0.47   |
| 春  | H          | 27 | 5 | 16 | 11 | 30 | ～ | H | 27 | 5 | 17                       | 10  | 30  | 0.092 | 0.9    | 0.52 | 0.2   | 0.75   | 0.51 | 0.83  | 0.11   | 2.5   | 0.7    |
| 春  | H          | 27 | 5 | 17 | 11 | 30 | ～ | H | 27 | 5 | 18                       | 10  | 30  | 0.085 | 1.1    | 0.64 | 0.22  | 1.2    | 0.92 | 1.1   | 0.1    | 3.2   | 0.92   |
| 春  | H          | 27 | 5 | 18 | 11 | 30 | ～ | H | 27 | 5 | 19                       | 10  | 30  | 0.043 | 0.57   | 0.3  | 0.12  | 0.41   | 0.3  | 0.49  | 0.077  | 1.4   | 0.46   |
| 春  | H          | 27 | 5 | 19 | 11 | 30 | ～ | H | 27 | 5 | 20                       | 10  | 30  | 0.08  | 1      | 0.56 | 0.2   | 0.97   | 0.71 | 0.78  | 0.089  | 2.8   | 0.61   |
| 春  | H          | 27 | 5 | 20 | 11 | 30 | ～ | H | 27 | 5 | 21                       | 10  | 30  | 0.13  | 1.3    | 0.82 | 0.28  | 1.2    | 1.1  | 0.99  | 0.094  | 3.7   | 0.98   |
| 夏  | H          | 27 | 7 | 22 | 11 | 30 | ～ | H | 27 | 7 | 23                       | 10  | 30  | 0.085 | 0.6    | 0.59 | 0.15  | 0.27   | 0.28 | 0.42  | 0.12   | 1.7   | 0.55   |
| 夏  | H          | 27 | 7 | 23 | 11 | 30 | ～ | H | 27 | 7 | 24                       | 10  | 30  | 0.076 | 0.73   | 1.1  | 0.31  | 0.25   | 0.38 | 0.39  | 0.089  | 2.5   | 0.61   |
| 夏  | H          | 27 | 7 | 24 | 11 | 30 | ～ | H | 27 | 7 | 25                       | 10  | 30  | 0.049 | 0.45   | 0.43 | 0.13  | 0.11   | 0.19 | 0.23  | 0.065  | 1.2   | 0.38   |
| 夏  | H          | 27 | 7 | 25 | 11 | 30 | ～ | H | 27 | 7 | 26                       | 10  | 30  | 0.025 | 0.32   | 0.21 | 0.047 | <0.054 | 0.06 | 0.064 | <0.054 | 0.6 * | 0.12 * |
| 夏  | H          | 27 | 7 | 26 | 11 | 30 | ～ | H | 27 | 7 | 27                       | 10  | 30  | 0.041 | 0.41   | 0.28 | 0.078 | 0.27   | 0.21 | 0.27  | <0.054 | 1.1   | 0.21 * |
| 夏  | H          | 27 | 7 | 27 | 11 | 30 | ～ | H | 27 | 7 | 28                       | 10  | 30  | 0.032 | 0.56   | 0.29 | 0.093 | 0.45   | 0.38 | 0.47  | 0.06   | 1.4   | 0.46   |
| 夏  | H          | 27 | 7 | 28 | 11 | 30 | ～ | H | 27 | 7 | 29                       | 10  | 30  | 0.045 | 0.85   | 0.46 | 0.14  | 0.66   | 0.58 | 0.67  | 0.068  | 2.2   | 0.66   |
| 夏  | H          | 27 | 7 | 29 | 11 | 30 | ～ | H | 27 | 7 | 30                       | 10  | 30  | 0.076 | 1.1    | 0.71 | 0.25  | 1.1    | 0.93 | 0.83  | 0.11   | 3.2   | 0.77   |
| 夏  | H          | 27 | 7 | 30 | 11 | 30 | ～ | H | 27 | 7 | 31                       | 10  | 30  | 0.096 | 1.5    | 0.78 | 0.3   | 1.4    | 1.4  | 1.2   | 0.14   | 4.1   | 1.3    |
| 夏  | H          | 27 | 7 | 31 | 11 | 30 | ～ | H | 27 | 8 | 1                        | 10  | 30  | 0.11  | 1.8    | 1    | 0.39  | 2      | 2.2  | 1.6   | 0.1    | 5.3   | 1.9    |
| 夏  | H          | 27 | 8 | 1  | 11 | 30 | ～ | H | 27 | 8 | 2                        | 10  | 30  | 0.079 | 1.5    | 0.95 | 0.36  | 1.8    | 1.7  | 1.5   | 0.14   | 4.7   | 1.5    |
| 夏  | H          | 27 | 8 | 2  | 11 | 30 | ～ | H | 27 | 8 | 3                        | 10  | 30  | 0.066 | 1.3    | 0.82 | 0.34  | 1.6    | 1.5  | 1.4   | 0.15   | 4.1   | 1.5    |
| 夏  | H          | 27 | 8 | 3  | 11 | 30 | ～ | H | 27 | 8 | 4                        | 10  | 30  | 0.039 | 1      | 0.6  | 0.24  | 1.6    | 1.1  | 1.6   | 0.15   | 3.5   | 1.3    |
| 夏  | H          | 27 | 8 | 4  | 11 | 30 | ～ | H | 27 | 8 | 5                        | 10  | 30  | 0.052 | 1.2    | 0.81 | 0.31  | 1.8    | 1.5  | 1.6   | 0.14   | 4.2   | 1.4    |

注)EC及びECの測定値の横に表示されている「\*」は、各細目のいずれかが検出下限値未満であることを示す。

| 季節 | サンプリング実施時期 |    |    |    |    |    |   |   |    |    | 炭素成分 ( $\mu\text{g}/\text{m}^3$ ) |     |     |       |        |      |      |      |      |      |        |     |        |
|----|------------|----|----|----|----|----|---|---|----|----|-----------------------------------|-----|-----|-------|--------|------|------|------|------|------|--------|-----|--------|
|    | 調査時期       |    |    |    |    |    |   |   |    |    | OC1                               | OC2 | OC3 | OC4   | OCpyro | EC1  | EC2  | EC3  | OC   | EC   |        |     |        |
|    | 年          | 月  | 日  | 時  | 分  | ～  | 年 | 月 | 日  | 時  |                                   |     |     |       |        |      |      |      |      |      | 分      |     |        |
| 秋  | H          | 27 | 10 | 21 | 11 | 30 | ～ | H | 27 | 10 | 22                                | 10  | 30  | 0.11  | 1.6    | 0.91 | 0.33 | 1.5  | 2.3  | 0.94 | 0.06   | 4.5 | 1.8    |
| 秋  | H          | 27 | 10 | 22 | 11 | 30 | ～ | H | 27 | 10 | 23                                | 10  | 30  | 0.1   | 1.3    | 0.83 | 0.31 | 1.4  | 1.9  | 1    | 0.098  | 3.9 | 1.6    |
| 秋  | H          | 27 | 10 | 23 | 11 | 30 | ～ | H | 27 | 10 | 24                                | 10  | 30  | 0.078 | 1.2    | 0.73 | 0.28 | 1.2  | 1.7  | 1    | 0.083  | 3.5 | 1.6    |
| 秋  | H          | 27 | 10 | 24 | 11 | 30 | ～ | H | 27 | 10 | 25                                | 10  | 30  | 0.085 | 1.1    | 0.71 | 0.27 | 1.2  | 1.4  | 0.91 | 0.082  | 3.4 | 1.2    |
| 秋  | H          | 27 | 10 | 25 | 11 | 30 | ～ | H | 27 | 10 | 26                                | 10  | 30  | 0.065 | 0.75   | 0.8  | 0.32 | 0.63 | 0.73 | 0.53 | <0.054 | 2.6 | 0.63 * |
| 秋  | H          | 27 | 10 | 26 | 11 | 30 | ～ | H | 27 | 10 | 27                                | 10  | 30  | 0.1   | 0.95   | 1    | 0.39 | 0.82 | 1.1  | 0.67 | 0.069  | 3.3 | 1      |
| 秋  | H          | 27 | 10 | 27 | 11 | 30 | ～ | H | 27 | 10 | 28                                | 10  | 30  | 0.067 | 0.7    | 0.5  | 0.17 | 0.59 | 0.5  | 0.41 | <0.054 | 2   | 0.32 * |
| 秋  | H          | 27 | 10 | 28 | 11 | 30 | ～ | H | 27 | 10 | 29                                | 10  | 30  | 0.082 | 0.83   | 0.57 | 0.22 | 0.59 | 0.64 | 0.56 | <0.054 | 2.3 | 0.61 * |
| 秋  | H          | 27 | 10 | 29 | 11 | 30 | ～ | H | 27 | 10 | 30                                | 10  | 30  | 0.11  | 1.2    | 0.67 | 0.26 | 1    | 1.1  | 0.94 | 0.11   | 3.2 | 1.2    |
| 秋  | H          | 27 | 10 | 30 | 11 | 30 | ～ | H | 27 | 10 | 31                                | 10  | 30  | 0.082 | 0.93   | 0.46 | 0.17 | 0.8  | 0.85 | 0.92 | 0.1    | 2.4 | 1.1    |
| 秋  | H          | 27 | 10 | 31 | 11 | 30 | ～ | H | 27 | 11 | 1                                 | 10  | 30  | 0.12  | 1.1    | 0.75 | 0.3  | 1    | 1.3  | 1    | 0.11   | 3.3 | 1.4    |
| 秋  | H          | 27 | 11 | 1  | 11 | 30 | ～ | H | 27 | 11 | 2                                 | 10  | 30  | 0.11  | 1.3    | 1.2  | 0.5  | 1.2  | 1.5  | 0.98 | 0.13   | 4.3 | 1.4    |
| 秋  | H          | 27 | 11 | 2  | 11 | 30 | ～ | H | 27 | 11 | 3                                 | 10  | 30  | 0.073 | 0.83   | 0.46 | 0.2  | 0.64 | 0.47 | 0.74 | 0.099  | 2.2 | 0.67   |
| 秋  | H          | 27 | 11 | 3  | 11 | 30 | ～ | H | 27 | 11 | 4                                 | 10  | 30  | 0.09  | 1.1    | 0.72 | 0.27 | 1.2  | 1.4  | 1    | 0.11   | 3.4 | 1.3    |
| 冬  | H          | 28 | 1  | 20 | 11 | 30 | ～ | H | 28 | 1  | 21                                | 10  | 30  | 0.3   | 1.3    | 0.39 | 0.18 | 0.76 | 0.9  | 0.49 | 0.055  | 2.9 | 0.69   |
| 冬  | H          | 28 | 1  | 21 | 11 | 30 | ～ | H | 28 | 1  | 22                                | 10  | 30  | 0.23  | 1.1    | 0.37 | 0.18 | 0.7  | 0.83 | 0.56 | 0.085  | 2.6 | 0.78   |
| 冬  | H          | 28 | 1  | 22 | 11 | 30 | ～ | H | 28 | 1  | 23                                | 10  | 30  | 0.27  | 1.2    | 0.55 | 0.28 | 0.89 | 1.4  | 0.67 | 0.1    | 3.2 | 1.3    |
| 冬  | H          | 28 | 1  | 23 | 11 | 30 | ～ | H | 28 | 1  | 24                                | 10  | 30  | 0.16  | 0.74   | 0.34 | 0.16 | 0.79 | 0.87 | 0.57 | 0.083  | 2.2 | 0.73   |
| 冬  | H          | 28 | 1  | 24 | 11 | 30 | ～ | H | 28 | 1  | 25                                | 10  | 30  | 0.092 | 0.34   | 0.16 | 0.08 | 0.36 | 0.38 | 0.26 | <0.039 | 1   | 0.28 * |
| 冬  | H          | 28 | 1  | 26 | 11 | 30 | ～ | H | 28 | 1  | 27                                | 10  | 30  | 0.32  | 1.2    | 0.52 | 0.2  | 0.86 | 1.5  | 0.64 | 0.078  | 3.1 | 1.4    |
| 冬  | H          | 28 | 1  | 27 | 11 | 30 | ～ | H | 28 | 1  | 28                                | 10  | 30  | 0.19  | 1.3    | 1.1  | 0.35 | 1.3  | 2.1  | 0.73 | 0.1    | 4.2 | 1.6    |
| 冬  | H          | 28 | 1  | 28 | 11 | 30 | ～ | H | 28 | 1  | 29                                | 10  | 30  | 0.16  | 1.3    | 0.92 | 0.45 | 1    | 2.1  | 0.82 | 0.14   | 3.8 | 2.1    |
| 冬  | H          | 28 | 1  | 29 | 11 | 30 | ～ | H | 28 | 1  | 30                                | 10  | 30  | 0.042 | 0.67   | 0.45 | 0.18 | 0.13 | 0.27 | 0.33 | 0.077  | 1.5 | 0.55   |
| 冬  | H          | 28 | 1  | 30 | 11 | 30 | ～ | H | 28 | 1  | 31                                | 10  | 30  | 0.088 | 0.79   | 0.37 | 0.18 | 0.65 | 0.52 | 0.58 | 0.1    | 2.1 | 0.55   |
| 冬  | H          | 28 | 1  | 31 | 11 | 30 | ～ | H | 28 | 2  | 1                                 | 10  | 30  | 0.14  | 1.1    | 0.56 | 0.25 | 1.3  | 1.7  | 0.73 | 0.14   | 3.4 | 1.3    |
| 冬  | H          | 28 | 2  | 1  | 11 | 30 | ～ | H | 28 | 2  | 2                                 | 10  | 30  | 0.15  | 1      | 0.59 | 0.28 | 1.4  | 2.1  | 0.61 | 0.08   | 3.4 | 1.4    |
| 冬  | H          | 28 | 2  | 2  | 11 | 30 | ～ | H | 28 | 2  | 3                                 | 10  | 30  | 0.11  | 0.83   | 0.47 | 0.2  | 0.85 | 1.1  | 0.56 | 0.069  | 2.5 | 0.88   |
| 冬  | H          | 28 | 2  | 3  | 11 | 30 | ～ | H | 28 | 2  | 4                                 | 10  | 30  | 0.16  | 0.81   | 0.47 | 0.2  | 0.76 | 0.92 | 0.48 | 0.04   | 2.4 | 0.68   |

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