

平成12年度 酸性雨調査状況について

環境科学課 大気検査担当

平成12年4月3日から平成13年4月2日までの間、早良区石釜の国民宿舎千石荘において自動雨水採水装置を用いて湿性沈着成分を、また4段ろ紙法を用いて乾性沈着成分の測定を行った。

また、城南区役所においてろ過式雨水採水装置を用いて1週間ごとに調査を行った。

測定項目は千石荘については降水量・pH・電気伝導度・イオン成分、城南区役所については降水量・pH・電気伝導度・降下物量である。

詳細を表1～3に示す。

調査地点の概況

(1)福岡市国民宿舎千石荘

福岡市の中心部から南西約20km、脊振・雷山県立自然公園に含まれ、南側の脊振山系の中腹、標高約260mに位置する比較的清浄な地域であるが、最近開発が進んで都市化の影響が現れている。また、海岸線までは約12km、北約1.5kmに国道263号線が通っている。

(2)福岡市城南区役所

福岡市の中心部から南西約3kmに位置し、用途地域は商業地域に属する。南東約130mに国道202号が通り、周囲には高層建築物が多く建ち並んでいる。

表1 平成12年度 国民宿舎千石荘屋上(湿性沈着成分)

| 採取期間 | 雨量 mm | pH | EC μS/cm | H meq/m2 | Na meq/m2 | NH4 meq/m2 | K meq/m2 | Mg meq/m2 | Ca meq/m2 | Cl meq/m2 | NO3 meq/m2 | SO4 meq/m2 |
|-------------|----------|------|-------------|-------------|--------------|---------------|-------------|--------------|--------------|--------------|---------------|---------------|
| 4/3-4/10 | 20.7 | 5.31 | 13.5 | 0.102 | 0.50 | 0.27 | 0.04 | 0.17 | 0.67 | 0.50 | 0.33 | 0.77 |
| 4/10-4/17 | 7.3 | 0.88 | 44.7 | 0.001 | 0.36 | 0.46 | 0.08 | 0.14 | 0.93 | 0.33 | 0.55 | 0.93 |
| 4/17-4/24 | 14.0 | 4.10 | 62.4 | 1.123 | 2.02 | 0.88 | 0.11 | 0.46 | 0.48 | 2.53 | 0.64 | 1.81 |
| 4/24-5/1 | 62.9 | 4.65 | 10.8 | 1.425 | 0.62 | 1.02 | 0.05 | 0.03 | 0.10 | 0.84 | 0.34 | 1.41 |
| 5/1-5/8 | 0.0 | | | | | | | | | | | |
| 5/8-5/15 | 20.9 | 6.98 | 35.7 | 0.002 | 0.65 | 0.75 | 0.07 | 0.35 | 4.51 | 0.81 | 0.54 | 2.02 |
| 5/15-5/22 | 9.6 | 6.96 | 28.4 | 0.001 | 0.13 | 0.40 | 0.04 | 0.13 | 1.63 | 0.12 | 0.38 | 0.57 |
| 5/22-5/29 | 31.9 | 4.80 | 12.0 | 0.509 | 0.09 | 0.60 | 0.05 | 0.05 | 0.37 | 0.27 | 0.40 | 1.01 |
| 5/29-6/5 | 86.0 | 5.00 | 6.2 | 0.868 | 0.17 | 0.72 | 0.10 | 0.05 | 0.47 | 0.26 | 0.34 | 1.25 |
| 6/5-6/12 | 50.2 | 4.55 | 17.0 | 1.406 | 0.49 | 1.55 | 0.10 | 0.16 | 0.52 | 0.86 | 0.79 | 2.30 |
| 6/12-6/19 | 68.4 | 4.94 | 5.7 | 0.780 | 0.13 | 0.79 | 0.09 | 0.03 | 0.17 | 0.12 | 0.36 | 0.82 |
| 6/19-6/26 | 95.0 | 4.69 | 9.9 | 1.957 | 0.73 | 1.77 | 0.16 | 0.16 | 0.29 | 0.76 | 1.14 | 1.92 |
| 6/26-7/3 | 117.6 | 4.82 | 10.1 | 1.768 | 0.73 | 2.85 | 0.38 | 0.00 | 0.13 | 0.79 | 1.17 | 3.13 |
| 7/3-7/10 | 3.5 | 4.22 | 34.6 | 0.213 | 0.08 | 0.24 | 0.02 | 0.02 | 0.05 | 0.06 | 0.16 | 0.33 |
| 7/10-7/17 | 41.6 | 4.91 | 7.6 | 0.514 | 0.63 | 0.48 | 0.06 | 0.03 | 0.04 | 0.70 | 0.14 | 0.59 |
| 7/17-7/24 | 18.5 | 5.10 | 15.9 | 0.148 | 0.56 | 0.71 | 0.04 | 0.04 | 0.03 | 0.65 | 0.31 | 0.70 |
| 7/24-7/31 | 128.3 | 5.18 | 7.4 | 0.855 | 1.10 | 1.73 | 0.13 | 0.04 | 0.07 | 1.38 | 0.57 | 2.11 |
| 7/31-8/7 | 19.1 | 4.48 | 20.4 | 0.639 | 0.12 | 0.37 | 0.02 | 0.03 | 0.06 | 0.19 | 0.31 | 0.82 |
| 8/7-8/14 | 0.1 | | | | | | | | | | | |
| 8/14-8/21 | 158.2 | 4.72 | 12.9 | 3.036 | 1.38 | 3.04 | 0.16 | 0.07 | 0.12 | 1.63 | 1.79 | 3.50 |
| 8/21-8/28 | 3.0 | 4.32 | 37.0 | 0.144 | 0.06 | 0.17 | 0.01 | 0.02 | 0.04 | 0.06 | 0.19 | 0.19 |
| 8/28-9/4 | 142.3 | 5.05 | 6.7 | 1.268 | 1.67 | 1.32 | 0.09 | 0.37 | 0.12 | 1.85 | 0.74 | 1.78 |
| 9/4-9/11 | 33.9 | 5.11 | 5.4 | 0.263 | 0.17 | 0.19 | 0.01 | 0.06 | 0.03 | 0.18 | 0.09 | 0.34 |
| 9/11-9/18 | 56.6 | 5.07 | 13.5 | 0.482 | 2.51 | 0.84 | 0.07 | 0.41 | 0.14 | 2.92 | 0.39 | 1.12 |
| 9/18-9/25 | 105.7 | 4.38 | 23.4 | 4.405 | 1.29 | 2.26 | 0.10 | 0.46 | 0.25 | 1.78 | 1.49 | 4.92 |
| 9/25-10/2 | 34.6 | 4.32 | 25.7 | 1.657 | 0.29 | 0.72 | 0.03 | 0.16 | 0.13 | 0.46 | 0.58 | 1.79 |
| 10/2-10/10 | 71.8 | 4.65 | 18.3 | 1.599 | 2.28 | 1.19 | 0.18 | 0.56 | 0.33 | 2.59 | 1.00 | 2.13 |
| 10/10-10/16 | 6.2 | 4.03 | 93.3 | 0.577 | 1.12 | 0.66 | 0.11 | 0.31 | 0.25 | 1.15 | 0.65 | 1.10 |
| 10/16-10/23 | 38.4 | 4.36 | 23.4 | 1.677 | 0.72 | 0.71 | 0.10 | 0.16 | 0.24 | 0.68 | 0.90 | 1.88 |
| 10/23-10/30 | 24.4 | 4.12 | 41.2 | 1.848 | 0.49 | 0.57 | 0.04 | 0.10 | 0.07 | 0.63 | 0.49 | 1.99 |
| 10/30-11/6 | 156.7 | 5.05 | 8.5 | 1.413 | 2.50 | 1.09 | 0.15 | 0.42 | 0.13 | 2.74 | 0.73 | 2.26 |
| 11/6-11/13 | 8.7 | 3.87 | 133.5 | 1.180 | 2.71 | 1.10 | 0.12 | 0.70 | 0.58 | 2.95 | 1.95 | 1.33 |
| 11/13-11/20 | 35.4 | 4.45 | 25.5 | 1.261 | 1.05 | 0.73 | 0.06 | 0.21 | 0.13 | 1.04 | 0.64 | 1.66 |
| 11/20-11/27 | 12.2 | 4.61 | 21.1 | 0.304 | 0.55 | 0.25 | 0.06 | 0.12 | 0.05 | 0.60 | 0.24 | 0.47 |
| 11/27-12/4 | 0.5 | 3.70 | | 0.095 | 0.03 | 0.06 | 0.01 | 0.01 | 0.03 | 0.06 | 0.05 | 0.10 |
| 12/4-12/11 | 10.4 | 3.98 | 63.6 | 1.087 | 0.45 | 0.47 | 0.03 | 0.15 | 0.22 | 0.49 | 0.73 | 1.25 |
| 12/11-12/18 | 13.4 | 4.55 | 22.6 | 0.376 | 0.43 | 0.33 | 0.04 | 0.15 | 0.22 | 0.35 | 0.46 | 0.65 |
| 12/18-12/25 | 9.7 | 4.88 | 75.2 | 0.129 | 1.95 | 0.95 | 0.13 | 0.59 | 1.49 | 2.08 | 0.99 | 1.98 |
| 12/25-1/4 | 3.4 | 4.92 | 220.0 | 0.041 | 2.90 | 0.84 | 0.13 | 0.75 | 1.01 | 3.22 | 0.66 | 1.85 |
| 1/4-1/9 | 30.6 | 4.52 | 34.6 | 0.927 | 2.84 | 0.42 | 0.10 | 0.78 | 0.76 | 3.41 | 0.55 | 1.95 |
| 1/9-1/15 | 29.4 | 4.17 | 73.7 | 1.987 | 5.29 | 1.49 | 0.21 | 1.37 | 1.19 | 6.65 | 1.33 | 4.10 |
| 1/15-1/22 | 23.5 | 4.42 | 45.6 | 0.895 | 3.36 | 0.41 | 0.09 | 0.82 | 0.45 | 3.98 | 0.46 | 1.73 |
| 1/22-1/29 | 83.8 | 4.95 | 10.3 | 0.944 | 1.71 | 1.00 | 0.11 | 0.54 | 0.63 | 1.78 | 0.69 | 2.48 |
| 1/29-2/5 | 16.1 | 6.99 | 69.0 | 0.002 | 3.54 | 0.66 | 0.13 | 0.86 | 2.99 | 3.65 | 0.89 | 2.91 |
| 2/5-2/13 | 16.5 | 6.44 | 20.2 | 0.006 | 0.28 | 0.45 | 0.04 | 0.21 | 1.11 | 0.31 | 0.49 | 1.08 |
| 2/13-2/19 | 12.2 | 7.17 | 77.9 | 0.001 | 2.54 | 0.67 | 0.11 | 0.71 | 3.06 | 2.77 | 1.03 | 2.37 |
| 2/19-2/26 | 77.4 | 4.73 | 22.7 | 1.438 | 3.92 | 2.67 | 0.31 | 1.29 | 2.57 | 4.62 | 1.80 | 4.81 |
| 2/26-3/5 | 55.6 | 5.09 | 38.9 | 0.450 | 7.79 | 2.20 | 0.30 | 1.99 | 2.77 | 9.74 | 1.38 | 5.15 |
| 3/5-3/12 | 4.2 | 7.13 | 255.0 | 0.000 | 5.34 | 0.59 | 0.27 | 1.18 | 1.70 | 6.66 | 0.53 | 1.65 |
| 3/12-3/19 | 24.9 | 5.01 | 25.5 | 0.243 | 1.59 | 0.80 | 0.12 | 0.66 | 1.09 | 1.55 | 1.01 | 1.68 |
| 3/19-3/26 | 5.6 | 5.92 | 17.9 | 0.007 | 0.10 | 0.17 | 0.03 | 0.10 | 0.24 | 0.10 | 0.20 | 0.33 |
| 3/26-4/2 | 25.4 | 6.00 | 45.8 | 0.026 | 2.38 | 2.64 | 0.24 | 0.81 | 1.83 | 2.47 | 1.66 | 3.56 |
| 年間合計(注) | 2126.5 | 4.70 | — | 42.1 | 74.4 | 47.3 | 5.23 | 19.0 | 36.5 | 86.2 | 35.3 | 88.5 |

(注) pHは年間加重平均

表2 国民宿舍千石荘屋上(乾性沈着成分)

| 採取期間 | 降水量 (mm) | 採気量 (m ³) | 大気中濃度 (mmol/m ³) | | | | | | | | | | | | ガス | | | | |
|-------------|-------------|--------------------------|------------------------------|------|------|------|------|-------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | | イオソノル | | | | | | カ | | | | | | SO42- | | NO3- | | CL- |
| | | | SO42- | NO3- | CL- | NH4+ | Na+ | K+ | Ca2+ | Mg2+ | SO42- | NO3- | CL- | NH4+ | SO42- | NO3- | CL- | NH4+ | |
| 4/3-4/10 | 20.7 | 12.3 | 3.01 | ND | 4.93 | 5.79 | 2.33 | 0.45 | 0.30 | ND | 28.7 | 6.84 | 7.14 | 57.5 | 28.7 | 6.84 | 7.14 | 57.5 | |
| 4/10-4/17 | 7.3 | 11.9 | 64.0 | 71.8 | 37.8 | 77.3 | 46.5 | 13.6 | 28.4 | 7.97 | 58.1 | 11.8 | 19.9 | 67.6 | 58.1 | 11.8 | 19.9 | 67.6 | |
| 4/17-4/24 | 14.0 | 12.0 | 1.46 | ND | 4.39 | 2.87 | 1.08 | 0.20 | 0.32 | ND | 21.8 | 5.74 | 5.34 | 60.4 | 21.8 | 5.74 | 5.34 | 60.4 | |
| 4/24-5/1 | 62.9 | 12.5 | 2.64 | ND | 5.50 | 5.46 | 0.91 | 0.13 | 0.24 | ND | 32.6 | 10.2 | 16.4 | 63.8 | 32.6 | 10.2 | 16.4 | 63.8 | |
| 5/1-5/8 | 0.0 | 12.7 | ND | ND | 3.40 | 3.03 | 0.44 | 0.27 | 0.34 | ND | 43.4 | 11.1 | 13.7 | 14.7 | 43.4 | 11.1 | 13.7 | 14.7 | |
| 5/8-5/15 | 20.9 | 13.0 | ND | ND | 3.18 | 1.32 | 0.29 | 0.41 | 0.34 | ND | 38.5 | 14.2 | 12.4 | 73.6 | 38.5 | 14.2 | 12.4 | 73.6 | |
| 5/15-5/22 | 9.6 | 12.5 | 2.39 | 0.94 | 3.36 | 4.11 | 0.84 | 1.16 | 0.31 | ND | 23.0 | 9.31 | 8.72 | 17.3 | 23.0 | 9.31 | 8.72 | 17.3 | |
| 5/22-5/29 | 31.9 | 12.0 | 12.6 | 3.48 | 4.44 | 2.22 | 3.04 | 3.11 | 0.53 | ND | 54.4 | 17.7 | 14.7 | 21.3 | 54.4 | 17.7 | 14.7 | 21.3 | |
| 5/29-6/5 | 86.0 | 14.2 | 3.98 | ND | 0.24 | 7.70 | 1.65 | 1.83 | 0.71 | 0.34 | 41.4 | 26.6 | 11.8 | 18.7 | 41.4 | 26.6 | 11.8 | 18.7 | |
| 6/5-6/12 | 50.2 | 13.7 | 0.59 | ND | 1.32 | 1.86 | 0.20 | 0.32 | 0.35 | ND | 22.5 | 12.1 | 7.39 | 63.3 | 22.5 | 12.1 | 7.39 | 63.3 | |
| 6/12-6/19 | 68.4 | 13.5 | 0.17 | ND | 4.99 | ND | 3.86 | 3.17 | 0.89 | ND | 28.8 | 16.1 | 4.81 | 26.6 | 28.8 | 16.1 | 4.81 | 26.6 | |
| 6/19-6/26 | 95.0 | 14.2 | 0.37 | 0.71 | 0.04 | 0.74 | 0.09 | ND | 0.37 | ND | 19.5 | 17.3 | 9.86 | 12.8 | 19.5 | 17.3 | 9.86 | 12.8 | |
| 6/26-7/3 | 117.6 | 14.0 | 8.79 | 2.29 | ND | 11.4 | 2.85 | 0.46 | 0.20 | ND | 21.8 | 8.61 | 4.98 | 48.3 | 21.8 | 8.61 | 4.98 | 48.3 | |
| 7/3-7/10 | 3.5 | 15.6 | 70.3 | 13.6 | 3.26 | 10.3 | 23.1 | 3.50 | 1.30 | 1.28 | 29.2 | 37.5 | 21.9 | 71.5 | 29.2 | 37.5 | 21.9 | 71.5 | |
| 7/10-7/17 | 欠測 | | | | | | | | | | | | | | | | | | |
| 7/17-7/24 | 欠測 | | | | | | | | | | | | | | | | | | |
| 7/24-7/31 | 128.3 | 16.0 | 12.9 | 3.88 | 3.11 | 19.0 | 6.31 | 0.99 | 0.07 | ND | 38.2 | 11.5 | 8.48 | 47.7 | 38.2 | 11.5 | 8.48 | 47.7 | |
| 7/31-8/7 | 19.1 | 16.0 | 17.1 | 6.24 | 1.18 | 21.5 | 6.56 | 1.95 | 0.21 | ND | 21.2 | 14.4 | 10.7 | 13.1 | 21.2 | 14.4 | 10.7 | 13.1 | |
| 8/7-8/14 | 0.1 | 16.2 | 16.3 | 6.19 | 8.87 | 22.9 | 15.9 | 1.07 | 0.14 | ND | 46.2 | 25.2 | 19.0 | 54.9 | 46.2 | 25.2 | 19.0 | 54.9 | |
| 8/14-8/21 | 158.2 | 16.2 | 43.7 | 5.12 | 2.46 | 45.9 | 13.1 | 2.43 | 0.31 | 0.50 | 8.20 | 17.1 | 12.1 | 38.2 | 8.20 | 17.1 | 12.1 | 38.2 | |
| 8/21-8/28 | 3.0 | 16.1 | 38.9 | 8.32 | 2.30 | 41.8 | 12.3 | 2.08 | 0.59 | 0.69 | 48.4 | 12.5 | 18.1 | 51.6 | 48.4 | 12.5 | 18.1 | 51.6 | |
| 8/28-9/4 | 142.3 | 16.4 | 23.4 | 12.6 | 12.4 | 25.9 | 32.5 | 2.25 | 0.34 | 3.16 | 18.8 | 9.50 | 19.0 | 48.0 | 18.8 | 9.50 | 19.0 | 48.0 | |
| 9/4-9/11 | 欠測 | | | | | | | | | | | | | | | | | | |
| 9/11-9/18 | 56.6 | 20.3 | 1.16 | ND | 1.17 | 1.03 | 1.16 | 0.23 | 1.38 | ND | 15.9 | 9.95 | 6.45 | 42.1 | 15.9 | 9.95 | 6.45 | 42.1 | |
| 9/18-9/25 | 105.7 | 20.0 | 48.3 | 10.7 | 1.90 | 72.5 | 18.0 | 3.07 | 2.76 | 3.19 | 45.3 | 36.8 | 19.7 | 45.6 | 45.3 | 36.8 | 19.7 | 45.6 | |
| 9/25-10/2 | 34.6 | 16.9 | 1.68 | ND | 0.70 | 1.34 | 0.44 | 0.08 | 1.77 | ND | 31.2 | 9.29 | 7.02 | 46.8 | 31.2 | 9.29 | 7.02 | 46.8 | |
| 10/2-10/10 | 71.8 | 26.9 | 6.23 | 1.43 | 0.95 | 9.47 | 1.91 | 0.28 | 0.33 | 0.25 | 36.4 | 15.0 | 7.66 | 35.4 | 36.4 | 15.0 | 7.66 | 35.4 | |
| 10/10-10/16 | 6.2 | 17.8 | 48.6 | 34.1 | 20.4 | 72.4 | 53.2 | 6.54 | 6.03 | 6.50 | 24.2 | 1.1 | 2.8 | 37.0 | 24.2 | 1.1 | 2.8 | 37.0 | |
| 10/16-10/23 | 38.4 | 20.7 | 9.86 | 6.05 | 1.67 | 16.9 | 4.91 | 0.83 | 1.22 | 0.76 | 35.3 | 14.0 | 9.25 | 32.5 | 35.3 | 14.0 | 9.25 | 32.5 | |
| 10/23-10/30 | 24.4 | 20.5 | ND | ND | 1.11 | 0.37 | 0.25 | 0.39 | ND | ND | 9.26 | 5.48 | 1.96 | 26.5 | 9.26 | 5.48 | 1.96 | 26.5 | |
| 10/30-11/6 | 156.7 | 19.5 | 20.9 | 14.2 | 6.90 | 32.0 | 20.9 | 1.89 | 1.83 | 2.15 | 20.9 | 11.4 | 12.1 | 37.3 | 20.9 | 11.4 | 12.1 | 37.3 | |
| 11/6-11/13 | 8.7 | 20.6 | ND | 0.39 | 0.91 | 0.65 | 0.85 | ND | ND | ND | 28.1 | 10.5 | 7.84 | 32.4 | 28.1 | 10.5 | 7.84 | 32.4 | |
| 11/13-11/20 | 35.4 | 20.0 | ND | ND | 1.11 | 0.23 | 0.66 | ND | ND | ND | 30.0 | 10.3 | 5.92 | 23.2 | 30.0 | 10.3 | 5.92 | 23.2 | |
| 11/20-11/27 | 12.2 | 19.9 | 22.4 | 20.1 | 7.90 | 41.8 | 20.2 | 1.77 | 1.90 | 2.31 | 18.5 | 9.23 | 13.9 | 15.4 | 18.5 | 9.23 | 13.9 | 15.4 | |
| 11/27-12/4 | 0.5 | 20.4 | 1.18 | ND | 0.81 | 0.98 | 1.08 | 0.010 | ND | ND | 37.2 | 8.19 | 11.2 | 24.0 | 37.2 | 8.19 | 11.2 | 24.0 | |
| 12/4-12/11 | 10.4 | 21.6 | 0.86 | ND | 1.47 | 0.65 | 1.13 | 0.11 | ND | ND | 24.6 | 6.27 | 6.41 | 23.7 | 24.6 | 6.27 | 6.41 | 23.7 | |
| 12/11-12/18 | 欠測 | | | | | | | | | | | | | | | | | | |
| 12/18-12/25 | 9.7 | 21.1 | ND | ND | 2.59 | ND | 1.46 | 0.11 | 0.02 | ND | 19.6 | 6.69 | 6.88 | 18.2 | 19.6 | 6.69 | 6.88 | 18.2 | |
| 12/25-1/4 | 3.4 | 29.1 | ND | ND | 1.89 | 0.02 | 1.19 | 0.12 | 0.02 | ND | 6.88 | 1.47 | 1.97 | 11.2 | 6.88 | 1.47 | 1.97 | 11.2 | |
| 1/4-1/9 | 30.6 | 20.5 | ND | ND | 1.08 | 0.46 | 0.69 | 0.50 | ND | ND | 10.8 | 2.60 | 2.52 | 9.92 | 10.8 | 2.60 | 2.52 | 9.92 | |
| 1/9-1/15 | 29.4 | 12.0 | 2.08 | ND | 3.17 | 4.38 | 2.40 | 0.38 | 0.27 | ND | 23.5 | 6.93 | 5.24 | 33.2 | 23.5 | 6.93 | 5.24 | 33.2 | |
| 1/15-1/22 | 23.5 | 20.1 | 1.13 | 0.96 | 1.34 | 1.90 | 1.43 | 0.17 | 0.02 | ND | 29.9 | 5.36 | 2.94 | 31.3 | 29.9 | 5.36 | 2.94 | 31.3 | |
| 1/22-1/29 | 83.8 | 20.2 | 7.68 | 3.39 | 5.06 | 14.6 | 7.61 | 0.69 | 0.62 | 1.66 | 7.44 | 5.33 | 2.77 | 13.7 | 7.44 | 5.33 | 2.77 | 13.7 | |
| 1/29-2/5 | 16.1 | 20.2 | 3.81 | 2.78 | 2.48 | 6.59 | 2.98 | 0.27 | 0.62 | 1.53 | 41.9 | 22.8 | 12.4 | 56.4 | 41.9 | 22.8 | 12.4 | 56.4 | |
| 2/5-2/13 | 16.5 | 23.3 | 37.0 | 30.3 | 13.7 | 73.2 | 27.1 | 5.58 | 3.75 | 3.78 | 31.2 | 9.53 | 7.55 | 23.7 | 31.2 | 9.53 | 7.55 | 23.7 | |
| 2/13-2/19 | 12.2 | 16.8 | 0.79 | 0.61 | 2.45 | 0.79 | 2.94 | 0.24 | 0.09 | ND | 31.2 | 6.79 | 7.61 | 32.7 | 31.2 | 6.79 | 7.61 | 32.7 | |
| 2/19-2/26 | 77.4 | 19.8 | 1.77 | 0.74 | 0.41 | 3.07 | 1.20 | 0.22 | 0.12 | ND | 20.5 | 12.7 | 8.92 | 32.1 | 20.5 | 12.7 | 8.92 | 32.1 | |
| 2/26-3/5 | 55.6 | 20.1 | 0.84 | 0.62 | 6.31 | 0.57 | 5.68 | 0.22 | 0.11 | 1.48 | 52.7 | 7.09 | 8.58 | 30.9 | 52.7 | 7.09 | 8.58 | 30.9 | |
| 3/5-3/12 | 4.2 | 20.5 | 3.52 | 2.49 | 4.47 | 6.66 | 4.91 | 0.51 | 0.32 | 1.48 | 13.8 | 4.64 | 4.52 | 22.7 | 13.8 | 4.64 | 4.52 | 22.7 | |
| 3/12-3/19 | 24.9 | 19.2 | 5.76 | 3.84 | 3.20 | 10.4 | 4.59 | 0.93 | 0.20 | ND | 44.7 | 15.2 | 16.6 | 53.8 | 44.7 | 15.2 | 16.6 | 53.8 | |
| 3/19-3/26 | 5.6 | 19.8 | 11.2 | 11.2 | 33.2 | 10.1 | 69.6 | 20.7 | 70.8 | 22.2 | 78.1 | 26.3 | 27.7 | 19.7 | 78.1 | 26.3 | 27.7 | 19.7 | |
| 3/26-4/2 | 25.4 | 19.7 | 5.57 | 2.99 | 2.75 | 8.76 | 8.76 | 3.80 | 0.71 | 0.25 | 1.54 | 23.6 | 8.49 | 7.74 | 54.0 | 23.6 | 8.49 | 7.74 | 54.0 |
| 年間平均 | | 17.7 | 13.9 | 7.97 | 4.96 | 18.9 | 9.08 | 1.79 | 2.72 | 1.31 | 29.8 | 12.5 | 10.5 | 63.1 | 29.8 | 12.5 | 10.5 | 63.1 | |

表3 城南区役所屋上(透過式)

| 採取期間 | 降水量 mm | pH | EC μS/cm | H mg/m ³ | 降下物量 mg |
|-------------|-----------|------|-------------|------------------------|------------|
| | | | | | |
| 4/3-4/10 | 16.2 | 5.21 | 19.9 | 0.10 | 17.3 |
| 4/10-4/17 | 5.7 | 6.83 | 62.6 | 0.00 | 25.2 |
| 4/17-4/24 | 8.4 | 4.81 | 36.8 | 0.13 | 14.0 |
| 4/24-5/1 | 48.0 | 4.81 | 12.4 | 0.74 | 18.0 |
| 5/1-5/8 | 0.0 | 5.61 | 18.2 | 0.01 | 5.8 |
| 5/8-5/15 | 12.6 | 6.90 | 44.7 | 0.00 | 46.6 |
| 5/15-5/22 | 11.4 | 6.84 | 45.7 | 0.00 | 21.7 |
| 5/22-5/29 | 24.7 | 6.39 | 17.9 | 0.01 | 18.1 |
| 5/29-6/5 | 58.8 | 5.52 | 6.9 | 0.18 | 10.2 |
| 6/5-6/12 | 34.5 | 4.85 | 14.2 | 0.49 | 6.4 |
| 6/12-6/19 | 26.4 | 5.52 | 7.2 | 0.08 | 7.4 |
| 6/19-6/26 | 65.3 | 4.77 | 10.8 | 1.10 | 5.9 |
| 6/26-7/3 | 81.7 | 4.98 | 8.1 | 0.86 | 4.9 |
| 7/3-7/10 | 3.3 | 4.54 | 34.6 | 0.10 | 3.1 |
| 7/10-7/17 | 34.2 | 5.13 | 6.3 | 0.25 | 5.5 |
| 7/17-7/24 | 24.2 | 5.70 | 9.1 | 0.05 | 10.8 |
| 7/24-7/31 | 72.6 | 5.61 | 3.8 | 0.18 | 11.1 |
| 7/31-8/7 | 16.3 | 4.91 | 19.5 | 0.20 | 1.4 |
| 8/7-8/14 | 0.0 | 5.31 | 20.1 | 0.02 | 3.2 |
| 8/14-8/21 | 62.4 | 4.90 | 12.3 | 0.79 | 4.2 |
| 8/21-8/28 | 2.4 | 4.45 | 28.8 | 0.20 | 2.7 |
| 8/28-9/4 | 41.5 | 5.65 | 10.1 | 0.09 | 7.2 |
| 9/4-9/11 | 38.4 | 5.08 | 11.6 | 0.32 | 2.4 |
| 9/11-9/18 | 30.6 | 5.83 | 11.2 | 0.05 | 8.3 |
| 9/18-9/25 | 34.1 | 4.28 | 32.9 | 1.79 | 4.3 |
| 9/25-10/2 | 49.1 | 4.56 | 20.4 | 1.35 | 4.0 |
| 10/2-10/10 | 32.2 | 4.77 | 21.6 | 0.54 | 4.4 |
| 10/10-10/16 | 0.0 | 5.52 | 21.6 | 0.01 | 1.7 |
| 10/16-10/23 | 17.3 | 4.54 | 26.3 | 0.51 | 2.1 |
| 10/23-10/30 | 21.5 | 4.21 | 47.0 | 1.32 | 5.7 |
| 10/30-11/6 | 134.3 | 4.83 | 11.8 | 1.97 | 2.7 |
| 11/6-11/13 | 0.8 | 4.42 | 142.3 | 0.15 | 3.3 |
| 11/13-11/20 | 15.2 | 4.56 | 63.7 | 0.42 | 4.2 |
| 11/20-11/27 | 9.8 | 4.97 | 25.9 | 0.10 | 3.6 |
| 11/27-12/4 | 0.3 | 5.88 | 26.2 | 0.00 | 3.2 |
| 12/4-12/11 | 10.4 | 5.17 | 33.1 | 0.07 | 5.3 |
| 12/11-12/18 | 12.6 | 4.92 | 19.4 | 0.15 | 3.4 |
| 12/18-12/25 | 8.7 | 4.67 | 88.9 | 0.19 | 9.8 |
| 12/25-1/4 | 1.6 | 4.97 | 296.0 | 0.02 | 8.7 |
| 1/4-1/9 | 10.4 | 4.59 | 37.6 | 0.27 | 8.1 |
| 1/9-1/15 | 22.4 | 4.36 | 50.6 | 0.98 | 欠測 |
| 1/15-1/22 | 9.5 | 5.55 | 68.2 | 0.03 | 12.0 |
| 1/22-1/29 | 82.5 | 4.97 | 12.3 | 0.88 | 13.2 |
| 1/29-2/5 | 16.1 | 7.27 | | | |