# 気　象　観　測　記　録

川崎市青少年科学館　　北緯３５°３６′１８″　　東経１３９°３３′５４″

◎観測期間……２００４年１月～１２月
◎観測時間……午前９時
◎天　　気……午前９時の天気
◎降 水 量……前日の午前９時～観測当日の午前９時
◎観測機器……＊自記気圧計（アネロイド型）
＊自記温度計（ＢＩＭＥＴＥＬ：－１４℃～－４０℃）
＊自記雨量計（ＣＵＲＲＥＮＴ：１００ｍＡ）
＊地中温度計（０・５・１０・１００㎝）
（地中温度計は１９９５年より記載）

◎記　　号……○：快晴　◐：晴　◎：曇り　●：雨
⊗：みぞれ　⊗：雪　―：欠測

報告者　　永島　治
（川崎市青少年科学館）

年　　1月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ① | 7.9 | 12.4 | 3.3 | 5.3 | 6.3 | 7.2 | 11.5 | 0.0 |
| 2 | ① | 7.8 | 13.0 | 2.5 | 5.3 | 6.2 | 7.2 | 11.5 | 0.0 |
| 3 | ○ | 9.1 | 15.4 | 2.7 | 5.5 | 6.5 | 7.5 | 11.5 | 0.0 |
| 4 | ① | 8.3 | 15.0 | 1.5 | 4.9 | 6.0 | 7.0 | 11.3 | 0.0 |
| 5 | ○ | 7.5 | 11.9 | 3.1 | 4.9 | 6.4 | 7.1 | 11.5 | 0.0 |
| 6 | ○ | 5.8 | 10.8 | 0.8 | 4.5 | 5.8 | 6.8 | 11.4 | 0.0 |
| 7 | ◎ | 6.8 | 12.1 | 1.5 | 4.6 | 5.4 | 6.5 | 11.2 | 0.0 |
| 8 | ○ | 5.0 | 9.5 | 0.4 | 4.0 | 5.2 | 6.2 | 11.1 | 0.0 |
| 9 | ○ | 5.7 | 10.1 | 1.3 | 3.0 | 4.0 | 5.5 | 11.0 | 0.0 |
| 10 | ○ | 5.9 | 11.8 | 0.0 | 2.9 | 4.2 | 5.3 | 11.0 | 0.0 |
| 11 | ① | 7.2 | 12.4 | 1.9 | 3.6 | 4.6 | 5.5 | 10.7 | 0.0 |
| 12 | ◎ | 7.0 | 12.2 | 1.8 | 3.0 | 4.2 | 5.5 | 10.9 | 0.0 |
| 13 | ◎ | 6.0 | 9.2 | 2.8 | 4.9 | 5.9 | 6.2 | 10.5 | 1.7 |
| 14 | ○ | 6.1 | 13.2 | −1.1 | 3.0 | 4.5 | 5.6 | 10.7 | 0.0 |
| 15 | ○ | 3.9 | 10.2 | −2.5 | 1.8 | 3.1 | 4.5 | 10.5 | 0.0 |
| 16 | ① | 4.8 | 10.8 | −1.2 | 2.0 | 3.0 | 4.4 | 10.4 | 0.0 |
| 17 | ◎ | 6.0 | 9.9 | 2.0 | 3.3 | 4.1 | 4.9 | 10.4 | 0.0 |
| 18 | ① | 3.1 | 3.5 | 2.6 | 3.7 | 4.5 | 5.0 | 10.2 | 1.1 |
| 19 | ● | 7.1 | 10.7 | 3.4 | 4.8 | 5.5 | 5.7 | 10.0 | 6.0 |
| 20 | ○ | 4.5 | 9.4 | −0.4 | 3.0 | 4.0 | 5.1 | 9.9 | 0.1 |
| 21 | ◎ | 7.5 | 13.5 | 1.5 | 4.5 | 5.2 | 5.9 | 10.0 | 0.0 |
| 22 | ○ | 4.9 | 10.3 | −0.5 | 5.2 | 4.3 | 5.5 | 10.0 | 0.0 |
| 23 | ○ | 3.9 | 9.4 | −1.6 | 1.8 | 3.0 | 4.3 | 9.9 | 0.0 |
| 24 | ◎ | 5.5 | 11.2 | −0.2 | 2.4 | 3.2 | 4.3 | 9.9 | 0.0 |
| 25 | ○ | 2.8 | 7.9 | −2.4 | 2.0 | 3.1 | 4.2 | 9.7 | 0.0 |
| 26 | ○ | 4.8 | 11.2 | −1.7 | 2.3 | 3.1 | 4.2 | 9.7 | 0.0 |
| 27 | ◎ | 5.3 | 10.8 | −0.3 | 3.0 | 3.5 | 4.4 | 9.5 | 0.0 |
| 28 | ○ | 4.6 | 10.3 | −1.2 | 2.4 | 3.5 | 4.5 | 9.4 | 0.0 |
| 29 | ○ | 5.9 | 12.7 | −1.0 | 2.5 | 3.6 | 4.7 | 9.5 | 0.0 |
| 30 | ◎ | 8.9 | 13.5 | 4.3 | 5.3 | 5.6 | 5.9 | 9.4 | 0.0 |
| 31 | ○ | 6.8 | 12.5 | 1.1 | 4.2 | 5.5 | 6.3 | 9.5 | 0.0 |
| 上旬平均 | | 7.0 | 12.2 | 1.7 | 4.5 | 5.6 | 6.6 | 11.3 | |
| 中旬平均 | | 5.5 | 10.2 | 0.9 | 3.3 | 4.3 | 5.2 | 10.4 | |
| 下旬平均 | | 5.5 | 11.2 | −0.2 | 3.2 | 4.0 | 4.9 | 9.7 | |
| 月平均 | | 6.0 | 11.2 | 0.8 | 3.7 | 4.6 | 5.6 | 10.4 | |
| 月計 | | | | | | | | | 8.9 |

年　　2月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ◎ | 6.6 | 13.3 | −0.1 | 4.1 | 4.8 | 5.7 | 9.5 | 0.0 |
| 2 | ● | 6.6 | 13.3 | −0.1 | 5.5 | 6.3 | 6.5 | 9.7 | 0.0 |
| 3 | ◎ | 5.4 | 6.1 | 4.7 | 5.5 | 5.8 | 6.3 | 9.5 | 15.2 |
| 4 | ○ | 7.5 | 12.6 | 2.3 | 5.5 | 6.5 | 7.0 | 9.5 | 0.0 |
| 5 | ○ | 5.3 | 11.4 | −0.8 | 3.6 | 4.8 | 5.8 | 9.7 | 0.2 |
| 6 | ○ | 4.7 | 10.6 | −1.3 | 3.0 | 4.0 | 5.2 | 9.8 | 0.1 |
| 7 | ○ | 4.5 | 10.4 | −1.4 | 2.5 | 3.7 | 5.0 | 9.6 | 0.0 |
| 8 | ○ | 4.5 | 10.6 | −1.6 | 2.4 | 3.4 | 4.5 | 9.5 | 0.0 |
| 9 | ○ | 4.9 | 11.4 | −1.6 | 2.5 | 3.6 | 4.7 | 9.5 | 0.0 |
| 10 | ① | 6.4 | 12.5 | 0.3 | 3.2 | 4.0 | 4.8 | 9.3 | 0.0 |
| 11 | ① | 5.0 | 9.4 | 0.6 | 3.6 | 4.5 | 5.0 | 9.4 | 0.0 |
| 12 | ① | 5.6 | 11.2 | −0.1 | 3.7 | 4.6 | 5.5 | 9.4 | 0.0 |
| 13 | ○ | 6.8 | 13.7 | −0.2 | 3.9 | 4.8 | 5.7 | 9.1 | 0.0 |
| 14 | ○ | 8.2 | 12.4 | 3.9 | 5.4 | 6.2 | 6.5 | 9.4 | 0.0 |
| 15 | ○ | 9.9 | 16.2 | 3.5 | 5.8 | 6.9 | 7.5 | 9.5 | 0.0 |
| 16 | ○ | 10.7 | 15.8 | 5.5 | 4.7 | 5.6 | 6.5 | 9.7 | 0.0 |
| 17 | ○ | 7.7 | 14.5 | 0.8 | 4.5 | 5.5 | 6.5 | 9.7 | 0.0 |
| 18 | ○ | 9.4 | 16.8 | 1.9 | 4.8 | 5.9 | 6.6 | 10.0 | 0.0 |
| 19 | ○ | 7.7 | 14.8 | 0.5 | 4.6 | 5.5 | 6.5 | 9.9 | 0.0 |
| 20 | ◎ | 9.8 | 15.5 | 4.0 | 6.7 | 7.1 | 7.4 | 10.0 | 0.0 |
| 21 | ○ | 9.8 | 14.5 | 5.0 | 7.4 | 8.2 | 8.5 | 10.0 | 0.0 |
| 22 | ○ | 12.5 | 18.4 | 6.5 | 7.5 | 8.4 | 8.6 | 10.0 | 0.0 |
| 23 | ○ | 15.6 | 21.5 | 9.6 | 10.3 | 11.4 | 11.3 | 10.5 | 12.0 |
| 24 | ① | 9.0 | 17.0 | 1.0 | 6.4 | 7.4 | 8.5 | 10.7 | 0.0 |
| 25 | ◎ | 9.0 | 13.4 | 4.6 | 7.4 | 8.0 | 8.5 | 11.0 | 0.1 |
| 26 | ○ | 10.5 | 16.8 | 4.1 | 7.1 | 8.0 | 8.6 | 10.8 | 0.0 |
| 27 | ○ | 10.5 | 19.7 | 1.3 | 6.0 | 7.1 | 8.4 | 11.0 | 0.0 |
| 28 | ○ | 5.9 | 10.7 | 1.0 | 5.2 | 6.4 | 7.2 | 11.0 | 0.0 |
| 29 | ◎ | 9.7 | 13.9 | 5.5 | 7.4 | 8.0 | 8.0 | 11.0 | 0.0 |
| | | | | | | | | | |
| | | | | | | | | | |
| 上旬平均 | | 5.6 | 11.2 | 0.0 | 3.8 | 4.7 | 5.6 | 9.6 | |
| 中旬平均 | | 8.0 | 14.0 | 2.0 | 4.8 | 5.7 | 6.4 | 9.6 | |
| 下旬平均 | | 10.3 | 16.2 | 4.3 | 7.2 | 8.1 | 8.6 | 10.7 | |
| 月平均 | | 7.9 | 13.7 | 2.0 | 5.2 | 6.1 | 6.8 | 9.9 | |
| 月計 | | | | | | | | | 27.5 |

年　　3月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ● | 12.5 | 17.6 | 7.4 | 8.0 | 9.0 | 9.2 | 11.0 | 0.2 |
| 2 | ◎ | 4.3 | 5.8 | 2.8 | 6.5 | 7.1 | 7.7 | 10.9 | 2.1 |
| 3 | ① | 6.7 | 10.5 | 2.9 | 5.5 | 6.3 | 7.0 | 10.8 | 0.0 |
| 4 | ① | 11.4 | 19.3 | 3.4 | 6.0 | 7.0 | 7.5 | 10.6 | 0.0 |
| 5 | ○ | 5.9 | 12.8 | −1.0 | 4.3 | 5.5 | 6.8 | 10.5 | 2.9 |
| 6 | ① | 8.3 | 12.5 | 4.0 | 6.1 | 7.0 | 7.5 | 10.5 | 2.2 |
| 7 | ○ | 6.5 | 13.3 | −0.3 | 4.5 | 5.7 | 6.8 | 10.5 | 0.0 |
| 8 | ○ | 3.6 | 9.8 | −2.6 | 3.0 | 4.2 | 5.5 | 10.5 | 0.0 |
| 9 | ◎ | 7.1 | 11.5 | 2.6 | 5.5 | 6.2 | 6.8 | 10.3 | 0.0 |
| 10 | ○ | 8.7 | 15.0 | 2.4 | 6.2 | 7.1 | 7.8 | 10.1 | 0.0 |
| 11 | ○ | 13.4 | 19.2 | 7.6 | 11.5 | 11.4 | 10.6 | 10.2 | 0.0 |
| 12 | ◎ | 16.7 | 21.5 | 11.8 | 11.5 | 12.0 | 11.8 | 10.6 | 0.0 |
| 13 | ① | 7.0 | 11.3 | 2.7 | 8.0 | 8.8 | 9.5 | 11.0 | 0.0 |
| 14 | ○ | 9.9 | 16.9 | 2.8 | 8.0 | 8.8 | 9.5 | 11.2 | 0.0 |
| 15 | ① | 11.0 | 16.4 | 5.6 | 9.1 | 9.5 | 9.7 | 11.5 | 0.0 |
| 16 | ① | 12.2 | 17.3 | 7.0 | 10.5 | 11.0 | 11.0 | 11.5 | 0.0 |
| 17 | ① | 13.6 | 18.5 | 8.6 | 11.0 | 11.5 | 11.5 | 11.6 | 0.0 |
| 18 | ◎ | 20.3 | 21.6 | 18.9 | 14.2 | 14.5 | 13.7 | 11.9 | 0.0 |
| 19 | ① | 12.1 | 18.3 | 5.9 | 9.8 | 10.5 | 10.9 | 12.0 | 8.3 |
| 20 | ● | 9.7 | 12.3 | 7.0 | 9.7 | 9.7 | 11.0 | 12.3 | 1.0 |
| 21 | ① | 6.0 | 7.4 | 4.5 | 7.5 | 8.3 | 9.0 | 13.0 | 11.9 |
| 22 | ● | 9.5 | 14.2 | 4.7 | 8.5 | 9.5 | 9.7 | 12.0 | 8.5 |
| 23 | ● | 5.0 | 6.0 | 3.9 | 7.0 | 7.5 | 7.9 | 11.8 | 27.9 |
| 24 | ① | 6.9 | 9.5 | 4.3 | 7.5 | 8.0 | 8.3 | 11.5 | 0.2 |
| 25 | ◎ | 10.1 | 11.5 | 8.6 | 9.5 | 9.5 | 9.5 | 11.5 | 7.4 |
| 26 | ◎ | 10.4 | 12.1 | 8.6 | 9.5 | 10.1 | 10.1 | 11.4 | 12.4 |
| 27 | ○ | 12.6 | 15.6 | 9.5 | 7.0 | 8.0 | 8.9 | 12.5 | 0.2 |
| 28 | ○ | 13.5 | 18.0 | 9.0 | 7.3 | 9.8 | 10.0 | 11.2 | 0.0 |
| 29 | ○ | 13.4 | 20.1 | 6.6 | 10.5 | 11.0 | 11.5 | 11.5 | 0.0 |
| 30 | ◎ | 17.4 | 21.0 | 13.7 | 13.3 | 13.5 | 13.0 | 11.7 | 0.0 |
| 31 | ① | 15.7 | 18.4 | 13.0 | 13.4 | 13.5 | 13.5 | 12.5 | 70.9 |
| 上旬平均 | | 7.5 | 12.8 | 2.2 | 5.6 | 6.5 | 7.3 | 10.6 | |
| 中旬平均 | | 12.6 | 17.3 | 7.8 | 10.3 | 10.8 | 10.9 | 11.4 | |
| 下旬平均 | | 10.9 | 14.0 | 7.9 | 9.2 | 9.9 | 10.1 | 11.9 | |
| 月平均 | | 10.3 | 14.7 | 6.0 | 8.4 | 9.1 | 9.5 | 11.3 | |
| 月計 | | | | | | | | | 156.1 |

年　　4月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ① | 15.9 | 21.1 | 10.6 | 11.7 | 12.5 | 12.7 | 12.5 | 0.0 |
| 2 | ① | 16.5 | 19.4 | 13.6 | 14.0 | 14.5 | 14.1 | 12.8 | 19.1 |
| 3 | ○ | 15.0 | 22.7 | 7.3 | 12.2 | 13.0 | 13.5 | 13.0 | 0.1 |
| 4 | ● | 15.9 | 21.5 | 10.3 | 13.1 | 14.0 | 14.1 | 13.0 | 0.3 |
| 5 | ○ | 6.7 | 8.7 | 4.7 | 9.4 | 10.3 | 10.9 | 13.5 | 11.8 |
| 6 | ○ | 12.0 | 17.5 | 6.4 | 10.7 | 11.6 | 12.0 | 13.2 | 0.0 |
| 7 | ○ | 15.7 | 20.0 | 11.4 | 13.5 | 13.8 | 13.6 | 13.2 | 0.0 |
| 8 | ◎ | 17.9 | 23.9 | 11.9 | 14.5 | 15.2 | 15.0 | 13.3 | 4.4 |
| 9 | ○ | 15.3 | 19.7 | 10.8 | 13.5 | 19.4 | 19.5 | 13.6 | 0.0 |
| 10 | ○ | 15.3 | 21.1 | 9.4 | 13.6 | 14.5 | 14.7 | 14.0 | 0.0 |
| 11 | ◎ | 18.5 | 24.6 | 12.4 | 15.9 | 16.1 | 15.7 | 14.0 | 0.0 |
| 12 | ○ | 18.3 | 23.7 | 12.9 | 15.8 | 16.2 | 16.0 | 14.4 | 0.0 |
| 13 | ◎ | 19.2 | 26.3 | 12.0 | 16.1 | 16.6 | 16.7 | 14.5 | 0.0 |
| 14 | ◎ | 12.2 | 12.8 | 11.6 | 13.8 | 14.5 | 14.7 | 15.0 | 0.0 |
| 15 | ○ | 11.7 | 13.5 | 9.9 | 12.5 | 13.2 | 13.6 | 14.8 | 12.7 |
| 16 | ① | 16.8 | 21.4 | 12.2 | 14.5 | 15.0 | 14.9 | 14.7 | 0.0 |
| 17 | ○ | 18.1 | 22.9 | 13.2 | 16.4 | 16.1 | 15.9 | 14.5 | 0.0 |
| 18 | ○ | 19.8 | 28.9 | 10.7 | 15.5 | 16.2 | 16.3 | 15.0 | 0.0 |
| 19 | ◎ | 19.4 | 24.3 | 14.4 | 17.0 | 17.5 | 17.2 | 15.3 | 0.0 |
| 20 | ① | 19.2 | 21.4 | 17.0 | 18.6 | 17.9 | 17.5 | 15.5 | 13.1 |
| 21 | ○ | 20.4 | 28.3 | 12.4 | 16.3 | 17.1 | 17.3 | 15.5 | 1.0 |
| 22 | ① | 19.4 | 24.0 | 14.8 | 17.6 | 18.0 | 17.7 | 15.8 | 1.0 |
| 23 | ◎ | 23.5 | 29.5 | 17.5 | 19.1 | 14.9 | 19.0 | 16.0 | 1.0 |
| 24 | ① | 20.1 | 28.0 | 12.2 | 16.0 | 17.2 | 17.5 | 16.4 | 1.0 |
| 25 | ○ | 17.3 | 19.6 | 15.0 | 13.1 | 14.3 | 15.5 | 16.5 | 1.0 |
| 26 | ○ | 14.4 | 19.4 | 9.3 | 14.6 | 15.4 | 15.8 | 16.5 | 1.0 |
| 27 | ● | 19.1 | 23.6 | 14.5 | 17.0 | 17.5 | 17.2 | 16.5 | 1.5 |
| 28 | ① | 18.7 | 20.4 | 16.9 | 16.3 | 16.7 | 16.8 | 16.3 | 10.7 |
| 29 | ○ | 14.9 | 21.2 | 8.5 | 19.0 | 14.9 | 15.5 | 16.5 | 1.7 |
| 30 | − | − | − | − | − | − | − | − | − |
| | | | | | | | | | |
| 上旬平均 | | 14.6 | 19.6 | 9.6 | 12.6 | 13.9 | 14.0 | 13.2 | |
| 中旬平均 | | 17.3 | 22.0 | 12.6 | 15.6 | 15.9 | 15.9 | 14.8 | |
| 下旬平均 | | 18.6 | 23.8 | 13.5 | 16.6 | 16.2 | 16.9 | 16.2 | |
| 月平均 | | 16.8 | 21.7 | 11.9 | 14.9 | 15.3 | 15.5 | 14.7 | |
| 月計 | | | | | | | | | 81.4 |

年　　5月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ○ | 21.3 | 26.4 | 16.1 | 18.0 | 18.3 | 17.9 | 16.5 | 0.0 |
| 2 | ◎ | 20.0 | 27.1 | 12.9 | 17.4 | 17.9 | 17.8 | 16.5 | 0.0 |
| 3 | ● | 15.6 | 18.6 | 12.6 | 16.5 | 17.4 | 17.5 | 16.7 | 1.0 |
| 4 | ◎ | 17.2 | 21.0 | 13.4 | 17.5 | 17.8 | 17.5 | 16.7 | 0.0 |
| 5 | ● | 18.5 | 23.4 | 13.6 | 17.0 | 18.1 | 18.0 | 16.7 | 13.3 |
| 6 | ◎ | 11.8 | 13.2 | 10.3 | 15.5 | 15.9 | 16.0 | 16.7 | 2.8 |
| 7 | ○ | 16.0 | 18.5 | 13.4 | 16.0 | 16.4 | 16.3 | 16.6 | 0.0 |
| 8 | ◎ | 21.9 | 26.7 | 17.0 | 18.9 | 19.1 | 18.5 | 16.5 | 0.8 |
| 9 | ◎ | 22.1 | 26.7 | 17.5 | 19.7 | 20.0 | 19.5 | 16.7 | 0.0 |
| 10 | ● | 18.8 | 20.9 | 16.7 | 18.3 | 18.8 | 18.5 | 17.0 | 15.2 |
| 11 | ○ | 19.6 | 22.3 | 16.8 | 18.4 | 18.6 | 18.0 | 17.0 | 1.3 |
| 12 | ① | 24.0 | 30.5 | 17.4 | 20.0 | 20.5 | 20.0 | 17.0 | 0.0 |
| 13 | ◎ | 20.5 | 23.4 | 17.6 | 20.0 | 20.0 | 19.4 | 17.5 | 0.0 |
| 14 | ① | 23.3 | 26.0 | 20.6 | 20.8 | 21.0 | 20.0 | 17.5 | 4.1 |
| 15 | ○ | 20.1 | 26.1 | 14.0 | 18.6 | 19.5 | 19.5 | 17.7 | 0.2 |
| 16 | ● | 22.5 | 25.4 | 19.5 | 20.5 | 21.0 | 20.5 | 17.8 | 6.6 |
| 17 | － | － | － | － | － | － | － | － | － |
| 18 | ◎ | 23.7 | 27.9 | 19.5 | 21.1 | 21.5 | 21.0 | 18.0 | 4.4 |
| 19 | ◎ | 19.9 | 23.0 | 16.8 | 19.8 | 20.1 | 19.7 | 18.2 | 0.4 |
| 20 | ● | 19.6 | 21.4 | 17.8 | 18.3 | 19.0 | 18.9 | 18.5 | 34.7 |
| 21 | ① | 16.2 | 16.8 | 15.5 | 16.5 | 16.9 | 16.7 | 18.5 | 73.8 |
| 22 | ◎ | 20.3 | 25.8 | 14.8 | 19.0 | 19.7 | 19.5 | 18.3 | 0.3 |
| 23 | ◎ | 20.2 | 25.8 | 14.5 | 17.5 | 18.1 | 18.1 | 18.2 | 0.2 |
| 24 | ① | 16.3 | 17.8 | 14.8 | 17.5 | 17.8 | 17.5 | 18.0 | 1.2 |
| 25 | ○ | 20.4 | 25.4 | 15.4 | 18.4 | 19.2 | 18.9 | 18.0 | 3.3 |
| 26 | ◎ | 21.3 | 26.0 | 16.5 | 19.5 | 20.1 | 19.9 | 17.9 | 0.0 |
| 27 | ◎ | 24.2 | 27.8 | 20.6 | 21.8 | 22.0 | 21.2 | 18.0 | 0.0 |
| 28 | ① | 23.3 | 26.8 | 19.8 | 21.4 | 21.7 | 21.2 | 18.3 | 0.0 |
| 29 | ○ | 24.3 | 27.5 | 21.1 | 21.4 | 22.0 | 21.5 | 18.6 | 0.1 |
| 30 | ○ | 25.9 | 30.1 | 21.7 | 22.8 | 23.4 | 22.5 | 19.0 | 0.0 |
| 31 | ① | 29.1 | 32.9 | 25.3 | 24.6 | 25.0 | 23.9 | 19.5 | 0.0 |
| 上旬平均 | | 18.3 | 22.3 | 14.4 | 17.5 | 18.0 | 17.8 | 16.7 | |
| 中旬平均 | | 21.4 | 25.1 | 17.8 | 19.7 | 20.1 | 19.7 | 17.7 | |
| 下旬平均 | | 21.9 | 25.7 | 18.2 | 20.0 | 20.5 | 20.1 | 18.4 | |
| 月平均 | | 20.6 | 24.4 | 16.8 | 19.1 | 19.6 | 19.2 | 17.6 | |
| 月計 | | | | | | | | | 163.6 |

年　　6月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ● | 23.9 | 29.3 | 18.5 | 21.5 | 21.8 | 22.8 | 19.5 | 15.4 |
| 2 | ◎ | 17.7 | 18.9 | 16.4 | 19.9 | 20.5 | 20.5 | 20.0 | 4.4 |
| 3 | ◎ | 21.4 | 26.2 | 16.5 | 20.6 | 21.5 | 21.3 | 19.7 | 0.0 |
| 4 | ○ | 16.5 | 20.3 | 12.6 | 18.4 | 19.8 | 20.0 | 19.8 | 0.0 |
| 5 | ○ | 21.8 | 29:2 | 14.3 | 19.2 | 20.6 | 20.7 | 19.8 | 0.0 |
| 6 | ● | 22.2 | 28.9 | 15.5 | 22.4 | 23.0 | 22.8 | 19.8 | 1.0 |
| 7 | ◎ | 24.8 | 28.9 | 20.6 | 22.2 | 22.6 | 22.1 | 20.1 | 16.3 |
| 8 | ① | 25.4 | 27.3 | 23.5 | 23.3 | 23.5 | 22.9 | 20.2 | 8.0 |
| 9 | ◎ | 24.0 | 29.5 | 18.5 | 21.8 | 22.5 | 22.5 | 20.2 | 0.2 |
| 10 | ◎ | 20.1 | 21.3 | 18.9 | 21.5 | 21.9 | 21.5 | 20.5 | 3.8 |
| 11 | ● | 23.7 | 25.8 | 21.6 | 22.4 | 22.9 | 22.2 | 20.5 | 0.0 |
| 12 | ① | 20.5 | 23.1 | 17.9 | 20.3 | 21.0 | 20.7 | 20.5 | 26.0 |
| 13 | ◎ | 21.4 | 27.4 | 15.3 | 21.2 | 22.0 | 21.7 | 20.4 | 15.0 |
| 14 | ○ | 20.5 | 24.9 | 16.1 | 19.7 | 20.9 | 21.0 | 20.5 | 0.0 |
| 15 | ○ | 22.8 | 28.1 | 17.4 | 21.0 | 22.0 | 21.7 | 20.5 | 0.0 |
| 16 | ○ | 24.0 | 30.6 | 17.4 | 21.9 | 22.7 | 22.4 | 20.4 | 0.0 |
| 17 | ◎ | 23.4 | 27.4 | 19.3 | 23.0 | 23.6 | 22.9 | 20.6 | 0.0 |
| 18 | ① | 23.4 | 27.5 | 19.2 | 23.0 | 23.7 | 23.0 | 20.8 | 0.0 |
| 19 | ① | 27.0 | 30.5 | 23.4 | 23.5 | 24.1 | 23.5 | 21.0 | 0.0 |
| 20 | ◎ | 27.4 | 29.6 | 25.1 | 23.0 | 25.1 | 23.4 | 22.0 | 0.0 |
| 21 | ◎ | 28.7 | 31.5 | 25.9 | 26.1 | 26.5 | 25.6 | 21.5 | 0.0 |
| 22 | ○ | 26.3 | 27.7 | 24.8 | 23.5 | 24.3 | 24.2 | 21.6 | 21.6 |
| 23 | ① | 28.2 | 32.7 | 23.6 | 25.5 | 26.0 | 25.1 | 21.9 | 0.0 |
| 24 | ◎ | 28.3 | 33.2 | 23.4 | 25.5 | 26.2 | 25.5 | 22.0 | 0.0 |
| 25 | ● | 29.5 | 33.3 | 25.6 | 26.1 | 26.8 | 26.0 | 22.4 | 0.0 |
| 26 | ◎ | 25.9 | 27.1 | 24.6 | 25.5 | 25.9 | 25.2 | 22.5 | 9.1 |
| 27 | ◎ | 28.5 | 32.5 | 24.5 | 25.0 | 26.1 | 25.3 | 22.0 | 0.0 |
| 28 | ◎ | 24.8 | 26.4 | 23.2 | 24.9 | 25.5 | 25.5 | 22.8 | 0.1 |
| 29 | ◎ | 27.7 | 31.2 | 24.2 | 25.8 | 26.2 | 25.5 | 22.9 | 0.0 |
| 30 | ● | 28.8 | 32.6 | 25.0 | 25.5 | 26.5 | 25.8 | 22.8 | 2.0 |
| | | | | | | | | | |
| 上旬平均 | | 21.8 | 26.0 | 17.5 | 21.1 | 21.8 | 21.7 | 20.0 | |
| 中旬平均 | | 23.4 | 27.5 | 19.3 | 21.9 | 22.8 | 22.3 | 20.7 | |
| 下旬平均 | | 27.7 | 30.8 | 24.5 | 25.3 | 26.0 | 25.4 | 22.2 | |
| 月平均 | | 24.3 | 28.1 | 20.4 | 22.8 | 23.5 | 23.1 | 21.0 | |
| 月計 | | | | | | | | | 122.9 |

年　　7月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ◎ | 26.1 | 28.5 | 23.6 | 25.0 | 25.6 | 25.0 | 23.0 | 54.0 |
| 2 | ○ | 24.8 | 30.9 | 18.7 | 24.8 | 24.3 | 24.2 | 23.0 | 0.0 |
| 3 | ○ | 24.6 | 31.0 | 18.1 | 23.0 | 24.4 | 24.2 | 23.0 | 0.0 |
| 4 | ○ | 25.4 | 31.2 | 19.5 | 23.6 | 24.7 | 24.5 | 22.9 | 0.0 |
| 5 | － | － | － | － | － | － | － | － | － |
| 6 | ◎ | 28.5 | 31.4 | 25.6 | 26.7 | 26.9 | 26.0 | 23.5 | 2.8 |
| 7 | ○ | 29.4 | 33.6 | 25.2 | 25.1 | 27.2 | 27.1 | 23.4 | 0.0 |
| 8 | ① | 31.2 | 35.5 | 26.8 | 27.5 | 28.0 | 27.4 | 23.5 | 0.0 |
| 9 | ○ | 31.5 | 35.8 | 27.1 | 28.0 | 28.5 | 28.0 | 23.7 | 0.0 |
| 10 | ① | 31.0 | 36.1 | 25.9 | 28.0 | 28.5 | 28.0 | 24.0 | 0.0 |
| 11 | ○ | 30.8 | 33.5 | 28.1 | 27.9 | 27.1 | 28.0 | 25.1 | 24.0 |
| 12 | ① | 27.6 | 32.9 | 22.3 | 24.9 | 25.9 | 25.6 | 24.5 | 0.9 |
| 13 | ① | 27.6 | 30.5 | 24.6 | 25.7 | 26.5 | 26.0 | 24.3 | 0.3 |
| 14 | ◎ | 31.0 | 38.1 | 23.8 | 26.9 | 27.4 | 26.8 | 24.2 | 0.0 |
| 15 | ○ | 30.9 | 37.5 | 24.3 | 26.7 | 27.4 | 27.0 | 24.5 | 0.0 |
| 16 | ① | 30.3 | 35.7 | 24.8 | 27.3 | 27.8 | 27.4 | 24.5 | 6.6 |
| 17 | ① | 29.3 | 34.0 | 24.6 | 27.0 | 27.8 | 27.6 | 24.5 | 0.8 |
| 18 | ○ | 33.1 | 36.5 | 29.6 | 28.0 | 27.1 | 27.6 | 25.5 | 0.0 |
| 19 | ◎ | 30.0 | 35.4 | 24.6 | 27.9 | 28.0 | 27.5 | 24.9 | 0.0 |
| 20 | － | 30.0 | 34.6 | 25.3 | － | － | － | － | 0.1 |
| 21 | ○ | 33.8 | 38.7 | 28.9 | 27.5 | 28.3 | 28.0 | 25.0 | 0.0 |
| 22 | ① | 32.8 | 39.9 | 25.6 | 28.5 | 28.5 | 28.0 | 25.1 | 0.1 |
| 23 | ① | 29.9 | 34.0 | 25.7 | 27.5 | 28.0 | 27.9 | 25.1 | 0.0 |
| 24 | ① | 31.2 | 35.0 | 27.4 | 29.4 | 29.1 | 28.5 | 25.5 | 0.0 |
| 25 | ○ | 30.7 | 35.1 | 26.3 | 29.1 | 29.3 | 28.6 | 27.0 | 0.0 |
| 26 | ◎ | 29.8 | 34.7 | 24.9 | 27.6 | 28.5 | 27.5 | 25.6 | 4.6 |
| 27 | ◎ | 28.3 | 32.4 | 24.2 | 27.6 | 27.7 | 27.6 | 25.8 | 0.0 |
| 28 | ◎ | 30.9 | 36.0 | 25.7 | 28.0 | 28.2 | 27.9 | 25.9 | 0.0 |
| 29 | ● | 30.7 | 35.8 | 25.5 | 28.0 | 28.0 | 28.0 | 26.0 | 10.8 |
| 30 | ◎ | 28.4 | 29.2 | 27.5 | 28.5 | 28.4 | 27.7 | 25.8 | 31.4 |
| 31 | ◎ | 29.3 | 32.4 | 26.1 | 28.4 | 27.5 | 27.9 | 25.8 | 2.0 |
| 上旬平均 | | 28.0 | 32.7 | 23.4 | 25.7 | 26.5 | 26.0 | 23.3 | |
| 中旬平均 | | 30.0 | 34.9 | 25.2 | 26.9 | 27.2 | 27.1 | 24.7 | |
| 下旬平均 | | 30.5 | 34.8 | 26.2 | 28.2 | 28.3 | 28.0 | 25.7 | |
| 月平均 | | 29.6 | 34.2 | 25.0 | 27.0 | 27.4 | 27.1 | 24.6 | |
| 月計 | | | | | | | | | 138.4 |

年　　8月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ① | 27.4 | 29.9 | 24.8 | 26.5 | 27.5 | 27.3 | 26.0 | 8.5 |
| 2 | 0 | 28.6 | 32.6 | 24.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | ◎ | 28.1 | 32.6 | 23.5 | 28.0 | 27.8 | 27.5 | 25.8 | 0.0 |
| 4 | ① | 28.0 | 31.5 | 24.4 | 26.7 | 27.4 | 27.1 | 25.9 | 0.0 |
| 5 | ◎ | 30.4 | 34.0 | 26.8 | 27.9 | 28.1 | 27.7 | 25.7 | 0.0 |
| 6 | ① | 29.3 | 32.1 | 26.5 | 27.0 | 27.5 | 27.1 | 26.2 | 0.0 |
| 7 | ◎ | 32.5 | 34.5 | 30.5 | 29.1 | 29.0 | 28.5 | 27.1 | 0.0 |
| 8 | ◎ | 29.0 | 33.0 | 25.0 | 28.3 | 28.0 | 27.7 | 26.0 | 10.1 |
| 9 | ○ | 28.6 | 32.9 | 24.2 | 27.1 | 27.8 | 27.6 | 26.0 | 0.0 |
| 10 | ○ | 29.7 | 34.4 | 25.0 | 27.6 | 28.3 | 28.0 | 26.0 | 0.0 |
| 11 | ◎ | 30.6 | 34.5 | 26.7 | 27.5 | 28.5 | 28.2 | 26.0 | 1.7 |
| 12 | ○ | 27.8 | 31.7 | 23.9 | 26.2 | 27.1 | 27.1 | 26.1 | 0.0 |
| 13 | ○ | 29.4 | 33.6 | 25.1 | 27.5 | 27.7 | 27.6 | 26.1 | 0.0 |
| 14 | ○ | 30.2 | 35.2 | 25.1 | 27.1 | 28.0 | 27.6 | 26.1 | 0.0 |
| 15 | ● | 28.1 | 36.7 | 19.5 | 25.0 | 27.0 | 27.6 | 26.2 | 9.7 |
| 16 | ① | 23.4 | 27.5 | 19.2 | 23.4 | 24.4 | 24.7 | 26.3 | 7.4 |
| 17 | ◎ | 27.1 | 31.2 | 23.0 | 26.1 | 26.4 | 26.0 | 26.0 | 0.0 |
| 18 | ① | 28.0 | 31.1 | 24.9 | 27.0 | 26.9 | 26.5 | 25.7 | 16.4 |
| 19 | ① | 31.5 | 34.5 | 28.4 | 27.0 | 27.6 | 27.2 | 25.6 | 0.0 |
| 20 | ○ | 32.1 | 35.0 | 29.1 | 27.0 | 28.0 | 27.7 | 25.7 | 0.0 |
| 21 | ① | 29.9 | 36.8 | 23.0 | 26.3 | 27.3 | 27.3 | 26.0 | 0.0 |
| 22 | ① | 29.4 | 31.6 | 27.2 | 25.6 | 27.0 | 26.9 | 26.3 | 0.0 |
| 23 | － | － | － | － | － | － | － | － | － |
| 24 | ① | 28.1 | 33.0 | 23.1 | 23.6 | 24.3 | 24.2 | 26.5 | 5.4 |
| 25 | ◎ | 27.1 | 31.2 | 22.9 | 26.5 | 26.6 | 26.1 | 25.6 | 0.0 |
| 26 | ◎ | 24.3 | 26.6 | 22.0 | 25.5 | 25.6 | 25.3 | 25.5 | 0.0 |
| 27 | ◎ | 26.5 | 29.8 | 23.1 | 25.2 | 26.0 | 25.7 | 25.4 | 4.8 |
| 28 | ◎ | 24.7 | 27.2 | 22.2 | 23.8 | 25.0 | 25.0 | 25.3 | 0.0 |
| 29 | ● | 20.5 | 22.4 | 18.6 | 22.0 | 22.8 | 23.1 | 25.1 | 16.2 |
| 30 | ● | 21.1 | 22.7 | 19.4 | 22.9 | 23.1 | 22.7 | 25.0 | 36.1 |
| 31 | ● | 26.3 | 29.1 | 23.5 | 25.5 | 25.7 | 24.9 | 24.4 | 13.1 |
| 上旬平均 | | 29.1 | 32.8 | 25.5 | 24.8 | 25.1 | 24.9 | 23.5 | |
| 中旬平均 | | 28.8 | 33.1 | 24.5 | 26.4 | 27.2 | 27.0 | 26.0 | |
| 下旬平均 | | 25.8 | 29.0 | 22.5 | 24.7 | 25.3 | 25.1 | 25.5 | |
| 月平均 | | 27.9 | 31.6 | 24.2 | 25.3 | 25.9 | 25.7 | 25.0 | |
| 月計 | | | | | | | | | 129.4 |

年　　9月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ○ | 28.6 | 34.5 | 22.6 | 24.6 | 25.6 | 25.5 | 24.4 | 0.0 |
| 2 | ○ | 29.6 | 34.3 | 24.8 | 26.5 | 26.8 | 26.5 | 24.6 | 0.0 |
| 3 | ◐ | 27.4 | 31.1 | 23.7 | 25.5 | 26.4 | 26.2 | 24.6 | 0.0 |
| 4 | ◎ | 27.8 | 31.4 | 24.1 | 25.5 | 26.5 | 26.2 | 25.0 | 0.0 |
| 5 | ◎ | 25.6 | 29.1 | 22.0 | 24.0 | 24.7 | 24.5 | 25.1 | 66.6 |
| 6 | ◎ | 22.9 | 23.3 | 22.4 | 24.0 | 24.8 | 24.5 | 25.0 | 7.3 |
| 7 | ◎ | 26.8 | 29.9 | 23.6 | 25.5 | 25.6 | 25.2 | 24.7 | 0.0 |
| 8 | ○ | 30.1 | 31.5 | 28.7 | 25.7 | 26.5 | 27.0 | 24.8 | 16.8 |
| 9 | ◐ | 28.5 | 32.8 | 24.2 | 25.5 | 26.4 | 26.2 | 25.0 | 0.0 |
| 10 | ◎ | 27.3 | 32.5 | 22.0 | 25.6 | 26.3 | 26.2 | 25.0 | 11.3 |
| 11 | ◎ | 25.6 | 29.5 | 21.7 | 25.5 | 25.7 | 25.5 | 25.2 | 25.0 |
| 12 | ○ | 24.5 | 28.5 | 20.4 | 23.4 | 24.8 | 25.0 | 25.1 | 0.1 |
| 13 | ◐ | 26.8 | 30.9 | 22.6 | 25.4 | 26.2 | 26.4 | 25.0 | 0.0 |
| 14 | ◎ | 26.6 | 30.0 | 23.2 | 25.5 | 26.3 | 26.9 | 25.0 | 0.0 |
| 15 | ○ | 27.2 | 32.7 | 21.6 | 23.5 | 25.4 | 25.5 | 25.0 | 0.0 |
| 16 | ○ | 22.4 | 28.5 | 16.2 | 21.5 | 23.5 | 24.0 | 25.0 | 0.0 |
| 17 | ◐ | 23.8 | 28.5 | 19.1 | 23.3 | 24.2 | 24.4 | 25.0 | 0.0 |
| 18 | ◎ | 26.2 | 31.0 | 21.3 | 24.9 | 25.2 | 25.0 | 24.9 | 0.0 |
| 19 | ◐ | 27.0 | 29.5 | 24.4 | 23.6 | 25.0 | 24.7 | 24.6 | 0.0 |
| 20 | ◎ | 28.8 | 31.5 | 26.1 | 26.0 | 25.9 | 25.5 | 25.3 | 0.0 |
| 21 | ◐ | 27.1 | 28.8 | 25.4 | 25.0 | 25.6 | 25.5 | 25.0 | 0.0 |
| 22 | ◐ | 28.9 | 32.5 | 25.3 | 25.5 | 26.0 | 25.5 | 24.9 | 0.0 |
| 23 | ◎ | 27.6 | 33.0 | 22.1 | 25.2 | 26.9 | 25.7 | 25.0 | 0.0 |
| 24 | ◎ | 24.0 | 26.5 | 21.4 | 23.8 | 24.8 | 24.8 | 25.1 | 2.3 |
| 25 | ◎ | 23.8 | 25.0 | 22.6 | 23.8 | 24.9 | 24.5 | 25.0 | 6.4 |
| 26 | ● | 25.2 | 28.5 | 21.8 | 24.0 | 25.0 | 25.0 | 24.8 | 1.9 |
| 27 | ● | 20.9 | 22.5 | 19.2 | 21.5 | 21.4 | 23.2 | 24.7 | 13.0 |
| 28 | ◎ | 20.0 | 20.5 | 19.5 | 21.8 | 22.4 | 22.3 | 24.5 | 27.3 |
| 29 | – | – | – | – | – | – | – | – | – |
| 30 | ◎ | 23.0 | 26.0 | 20.0 | 22.7 | 23.0 | 22.5 | 24.5 | 56.7 |
| | | | | | | | | | |
| 上旬平均 | | 27.4 | 31.0 | 23.8 | 25.2 | 26.0 | 25.8 | 24.8 | |
| 中旬平均 | | 25.9 | 30.1 | 21.7 | 24.3 | 25.2 | 25.3 | 25.0 | |
| 下旬平均 | | 24.5 | 27.0 | 21.9 | 23.7 | 24.4 | 24.3 | 24.8 | |
| 月平均 | | 26.0 | 29.5 | 22.5 | 24.4 | 25.2 | 25.2 | 24.9 | |
| 月計 | | | | | | | | | 234.7 |

年　　10月

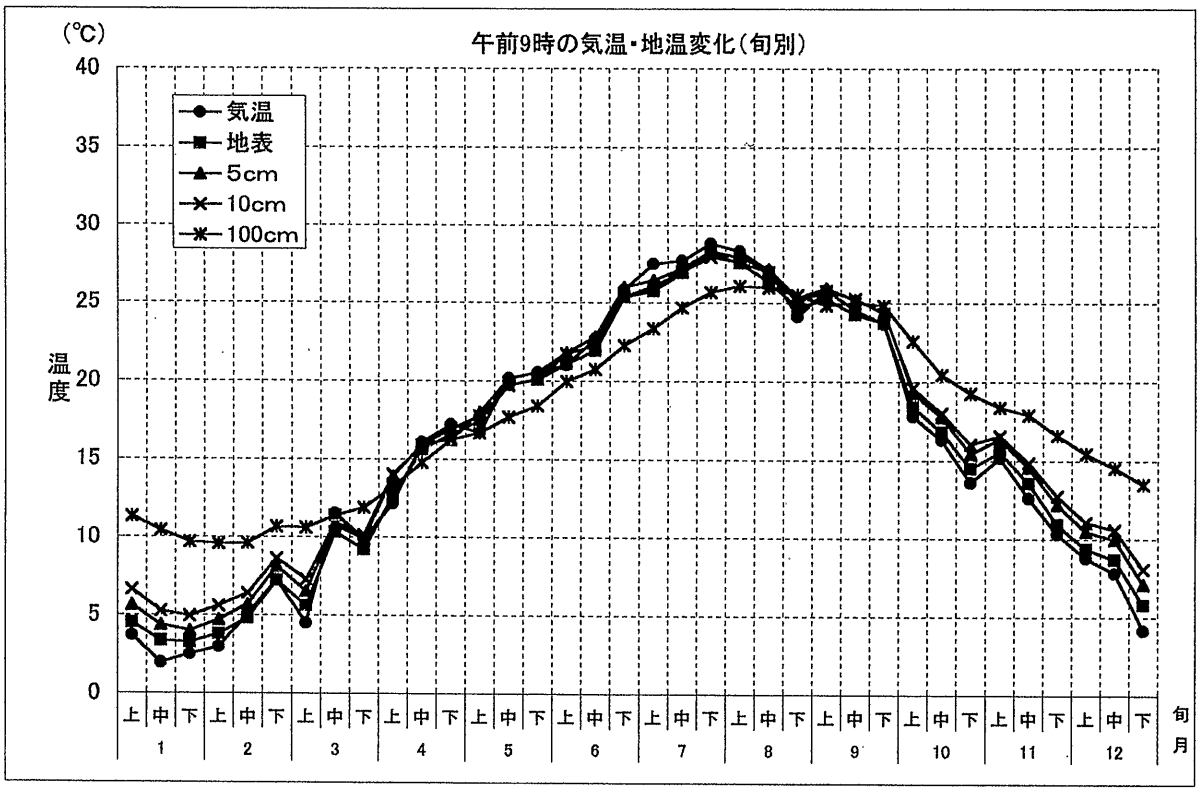
| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ○ | 22.6 | 30.2 | 14.9 | 19.5 | 20.4 | 21.8 | 23.9 | 0.0 |
| 2 | ○ | 22.8 | 29.0 | 16.5 | 20.5 | 21.7 | 22.2 | 23.7 | 0.0 |
| 3 | ● | 24.5 | 29.4 | 19.5 | 21.3 | 22.6 | 22.6 | 23.6 | 28.0 |
| 4 | ● | 17.7 | 19.2 | 16.2 | 18.5 | 18.6 | 19.1 | 23.5 | 64.4 |
| 5 | ● | 17.0 | 17.5 | 16.5 | 17.0 | 18.2 | 18.6 | 23.0 | 70.1 |
| 6 | ○ | 17.1 | 17.7 | 16.4 | 17.8 | 18.5 | 18.5 | 22.5 | 48.8 |
| 7 | ○ | 19.4 | 25.5 | 13.3 | 17.4 | 18.5 | 19.1 | 22.0 | 0.0 |
| 8 | ● | 20.3 | 25.6 | 15.0 | 18.2 | 19.5 | 19.7 | 21.7 | 0.0 |
| 9 | ● | 16.5 | 17.5 | 15.5 | 16.4 | 17.0 | 16.6 | 21.3 | 173.0 |
| 10 | ◎ | 17.4 | 17.9 | 16.8 | 17.4 | 17.6 | 17.4 | 20.5 | 113.0 |
| 11 | ● | 18.0 | 18.4 | 17.6 | 18.2 | 18.6 | 18.3 | 21.0 | 4.0 |
| 12 | ◎ | 19.1 | 20.2 | 17.9 | 19.9 | 19.6 | 19.2 | 20.5 | 0.8 |
| 13 | ● | 21.0 | 22.4 | 19.5 | 19.5 | 20.4 | 20.0 | 20.5 | 27.2 |
| 14 | ◎ | 16.7 | 19.8 | 13.5 | 16.6 | 18.9 | 19.0 | 20.5 | 0.0 |
| 15 | ○ | 15.2 | 19.5 | 10.9 | 15.7 | 17.3 | 18.2 | 20.5 | 0.0 |
| 16 | ◎ | 18.2 | 23.6 | 12.8 | 16.2 | 17.4 | 17.9 | 20.6 | 0.0 |
| 17 | ○ | 13.0 | 16.0 | 9.9 | 14.3 | 15.3 | 16.5 | 20.5 | 0.0 |
| 18 | ○ | 15.9 | 22.2 | 9.6 | 14.6 | 15.7 | 16.4 | 20.4 | 0.0 |
| 19 | ● | 18.8 | 22.5 | 15.1 | 16.6 | 17.4 | 17.6 | 20.1 | 0.0 |
| 20 | ● | 16.0 | 16.4 | 15.5 | 16.4 | 17.0 | 16.8 | 19.8 | 76.9 |
| 21 | ● | 18.4 | 21.5 | 15.2 | 16.4 | 17.0 | 16.6 | 19.4 | 140.9 |
| 22 | ○ | 17.2 | 21.5 | 12.9 | 15.5 | 16.5 | 16.7 | 19.3 | 0.0 |
| 23 | ◐ | 18.2 | 24.3 | 12.0 | 15.2 | 15.5 | 17.0 | 19.3 | 0.0 |
| 24 | ◎ | 15.0 | 20.4 | 9.6 | 14.8 | 15.7 | 16.3 | 19.5 | 0.0 |
| 25 | – | – | – | – | – | – | – | – | – |
| 26 | ● | 18.6 | 23.4 | 13.7 | 17.2 | 17.9 | 18.0 | 19.2 | 0.0 |
| 27 | ◎ | 14.5 | 16.8 | 12.2 | 14.1 | 15.5 | 16.4 | 19.0 | 13.1 |
| 28 | ○ | 11.2 | 16.0 | 6.4 | 12.0 | 13.8 | 15.0 | 19.3 | 0.0 |
| 29 | 0 | 11.7 | 17.7 | 5.7 | 11.4 | 12.9 | 14.0 | 18.8 | 0.0 |
| 30 | ● | 14.9 | 19.7 | 10.1 | 13.7 | 14.7 | 15.1 | 18.9 | 0.0 |
| 31 | 0 | 15.8 | 16.0 | 15.6 | 14.5 | 14.8 | 15.0 | 19.8 | 64.0 |
| 上旬平均 | | 19.5 | 23.0 | 16.1 | 18.4 | 19.3 | 19.6 | 22.6 | |
| 中旬平均 | | 17.2 | 20.1 | 14.2 | 16.8 | 17.8 | 18.0 | 20.4 | |
| 下旬平均 | | 15.5 | 19.7 | 11.3 | 14.5 | 15.4 | 16.0 | 19.3 | |
| 月平均 | | 17.4 | 20.9 | 13.9 | 16.6 | 17.5 | 17.9 | 20.8 | |
| 月計 | | | | | | | | | 824.2 |

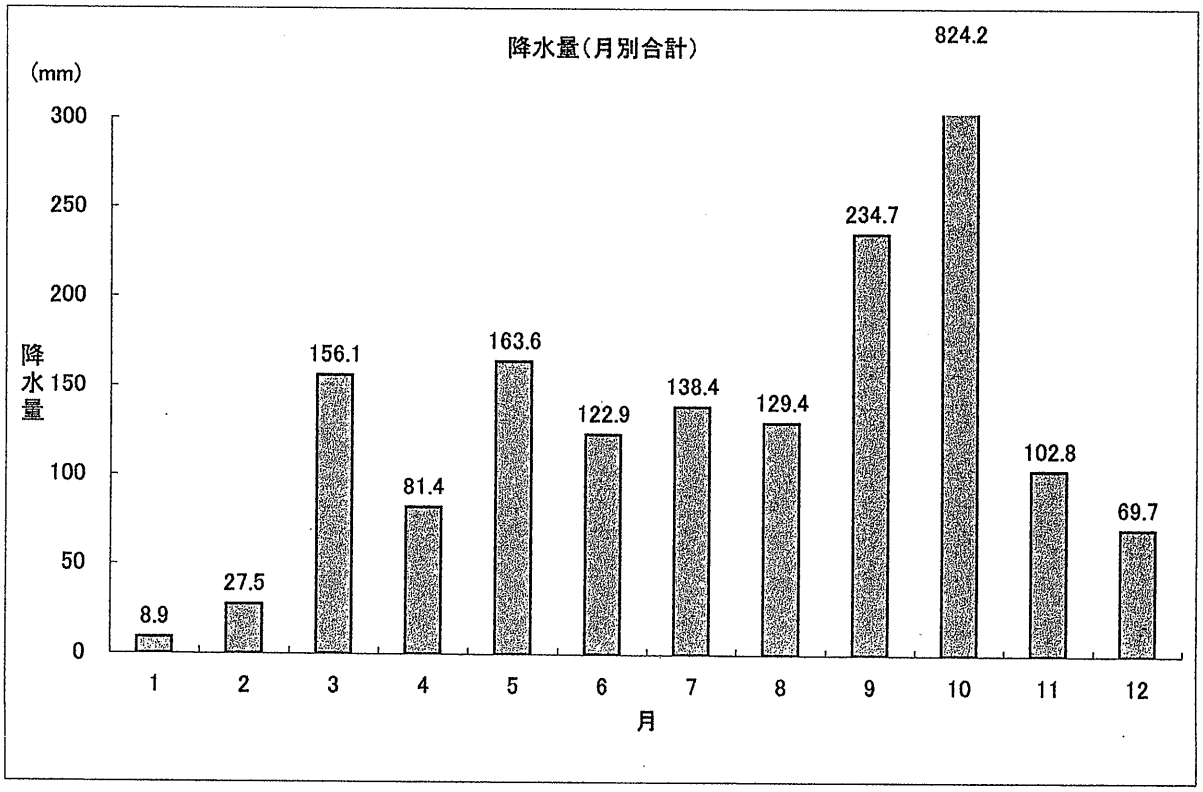
年　　11月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ◎ | 17.9 | 20.0 | 15.7 | 17.0 | 17.6 | 17.0 | 18.0 | 13.4 |
| 2 | ◎ | 17.6 | 21.2 | 13.9 | 16.2 | 16.7 | 17.0 | 18.1 | 0.0 |
| 3 | ◐ | 19.3 | 22.9 | 15.6 | 17.4 | 17.8 | 17.6 | 18.2 | 0.0 |
| 4 | ○ | 17.4 | 24.2 | 10.6 | 14.6 | 16.0 | 16.6 | 18.5 | 0.0 |
| 5 | ○ | 16.2 | 22.5 | 9.9 | 13.8 | 15.1 | 16.0 | 18.5 | 0.0 |
| 6 | ◎ | 17.7 | 22.3 | 13.0 | 16.4 | 16.5 | 16.5 | 18.5 | 0.0 |
| 7 | ○ | 17.2 | 22.7 | 11.6 | 14.9 | 16.0 | 16.4 | 18.4 | 0.0 |
| 8 | ◎ | 18.0 | 23.0 | 13.0 | 16.7 | 16.8 | 16.7 | 18.5 | 0.0 |
| 9 | ○ | 15.3 | 19.4 | 11.1 | 14.5 | 15.8 | 16.1 | 18.4 | 0.0 |
| 10 | ◐ | 16.7 | 23.2 | 10.2 | 14.0 | 15.2 | 15.8 | 18.4 | 0.0 |
| 11 | ◎ | 17.4 | 21.9 | 12.8 | 15.0 | 15.8 | 16.0 | 18.5 | 34.7 |
| 12 | ● | 17.7 | 20.5 | 14.9 | 16.5 | 17.5 | 17.2 | 18.5 | 1.0 |
| 13 | ○ | 16.0 | 20.4 | 11.5 | 13.5 | 15.0 | 15.8 | 18.3 | 0.0 |
| 14 | ◎ | 15.1 | 17.9 | 12.3 | 14.2 | 15.1 | 15.6 | 18.2 | 0.0 |
| 15 | – | – | – | – | – | – | – | – | – |
| 16 | ◐ | 11.9 | 14.9 | 8.9 | 12.5 | 13.6 | 14.2 | 18.0 | 18.7 |
| 17 | ◎ | 14.6 | 17.3 | 11.9 | 11.5 | 12.5 | 13.5 | 17.7 | 0.0 |
| 18 | ◎ | 13.8 | 18.8 | 8.7 | 12.4 | 13.2 | 13.6 | 17.5 | 0.0 |
| 19 | ● | 12.3 | 13.4 | 11.2 | 12.8 | 14.4 | 13.5 | 17.3 | 29.8 |
| 20 | ○ | 13.1 | 13.8 | 12.4 | 13.5 | 14.0 | 14.2 | 17.0 | 5.0 |
| 21 | ○ | 13.8 | 17.6 | 10.0 | 11.5 | 13.0 | 12.1 | 17.5 | 0.2 |
| 22 | ○ | 13.8 | 18.7 | 8.9 | 11.0 | 12.5 | 13.2 | 17.0 | 0.0 |
| 23 | ○ | 13.1 | 19.7 | 6.4 | 10.5 | 11.9 | 12.6 | 16.6 | 0.0 |
| 24 | ○ | 13.1 | 18.8 | 7.4 | 10.7 | 12.0 | 12.6 | 16.7 | 0.0 |
| 25 | ○ | 13.1 | 19.3 | 6.9 | 10.5 | 11.8 | 12.6 | 16.5 | 0.0 |
| 26 | ◎ | 13.4 | 19.9 | 6.9 | 10.5 | 11.7 | 12.5 | 16.5 | 0.0 |
| 27 | ○ | 14.1 | 19.0 | 9.1 | 12.2 | 13.5 | 14.0 | 16.3 | 0.0 |
| 28 | ○ | 13.9 | 21.6 | 6.2 | 10.5 | 11.9 | 12.7 | 16.3 | 0.0 |
| 29 | ◐ | 12.8 | 19.2 | 6.4 | 11.0 | 11.8 | 12.5 | 16.4 | 0.0 |
| 30 | ◎ | 11.4 | 16.6 | 6.1 | 10.9 | 11.6 | 12.4 | 16.1 | 0.0 |
| | | | | | | | | | |
| 上旬平均 | | 17.3 | 22.1 | 12.5 | 15.6 | 16.4 | 16.6 | 18.4 | |
| 中旬平均 | | 14.6 | 17.7 | 11.6 | 13.5 | 14.6 | 14.8 | 17.9 | |
| 下旬平均 | | 13.2 | 19.0 | 7.4 | 10.9 | 12.2 | 12.7 | 16.6 | |
| 月平均 | | 15.1 | 19.7 | 10.5 | 13.3 | 14.4 | 14.7 | 17.6 | |
| 月計 | | | | | | | | | 102.8 |

年　　12月

| 日 | 天気 | 気温℃ | | | 地温℃ | | | | 降水量 |
|---|---|---|---|---|---|---|---|---|---|
| | | 平均 | 最高 | 最低 | 0cm | 5cm | 10cm | 100cm | (mm) |
| 1 | ◐ | 10.7 | 14.8 | 6.5 | 10.3 | 11.4 | 12.0 | 16.0 | 0.0 |
| 2 | ○ | 10.1 | 16.2 | 3.9 | 8.4 | 10.0 | 11.0 | 16.0 | 0.0 |
| 3 | ○ | 9.7 | 17.8 | 1.5 | 7.3 | 9.0 | 10.3 | 15.8 | 0.0 |
| 4 | ◎ | 11.5 | 18.0 | 4.9 | 8.5 | 9.9 | 10.5 | 15.6 | 0.0 |
| 5 | ○ | 19.1 | 22.5 | 15.6 | 13.0 | 13.1 | 11.9 | 16.0 | 52.0 |
| 6 | ○ | 12.8 | 24.5 | 1.1 | 9.6 | 11.0 | 11.8 | 15.1 | 0.2 |
| 7 | ○ | 9.6 | 16.3 | 2.8 | 8.1 | 9.6 | 10.5 | 15.1 | 0.0 |
| 8 | ○ | 10.7 | 17.3 | 4.0 | 8.0 | 9.6 | 10.5 | 15.0 | 0.0 |
| 9 | ◎ | 12.3 | 18.2 | 6.4 | 9.8 | 10.4 | 10.8 | 15.0 | 0.0 |
| 10 | ◎ | 10.2 | 11.0 | 9.4 | 10.5 | 11.0 | 11.2 | 14.9 | 0.0 |
| 11 | ○ | 10.3 | 14.5 | 6.0 | 9.1 | 10.6 | 11.4 | 14.9 | 0.1 |
| 12 | ○ | 12.1 | 18.7 | 5.4 | 9.0 | 10.4 | 10.9 | 14.7 | 0.0 |
| 13 | – | – | – | – | – | – | – | – | – |
| 14 | ◎ | 13.2 | 18.9 | 7.4 | 9.0 | 10.0 | 10.6 | 14.5 | 1.2 |
| 15 | ◎ | 9.9 | 13.8 | 6.0 | 9.3 | 10.2 | 10.6 | 14.5 | 0.1 |
| 16 | ○ | 9.7 | 11.5 | 7.8 | 9.5 | 10.6 | 11.0 | 14.5 | 0.0 |
| 17 | ○ | 12.6 | 19.6 | 5.6 | 7.5 | 9.4 | 10.5 | 14.5 | 0.0 |
| 18 | ○ | 10.8 | 16.0 | 5.5 | 8.0 | 9.5 | 10.0 | 14.5 | 0.0 |
| 19 | ○ | 9.6 | 15.1 | 4.0 | 7.5 | 9.0 | 9.8 | 14.3 | 0.0 |
| 20 | ◎ | 10.8 | 14.4 | 7.2 | 9.4 | 10.2 | 10.5 | 14.4 | 0.2 |
| 21 | ○ | 9.4 | 11.7 | 7.1 | 7.6 | 9.2 | 10.0 | 14.2 | 0.0 |
| 22 | ◎ | 9.7 | 13.2 | 6.2 | 8.0 | 8.9 | 9.5 | 14.0 | 0.0 |
| 23 | ◐ | 8.4 | 14.2 | 2.6 | 6.3 | 8.0 | 9.0 | 14.0 | 0.0 |
| 24 | ◐ | 8.1 | 12.7 | 3.4 | 6.4 | 7.7 | 8.7 | 14.0 | 0.0 |
| 25 | ◎ | 6.3 | 10.7 | 1.8 | 6.2 | 7.5 | 8.4 | 13.5 | 0.0 |
| 26 | ○ | 6.6 | 13.4 | −0.3 | 5.0 | 6.7 | 8.0 | 13.5 | 0.0 |
| 27 | ◐ | 6.2 | 12.6 | −0.2 | 5.1 | 6.6 | 7.7 | 13.5 | 0.0 |
| 28 | ◐ | 6.3 | 12.5 | 0.0 | 5.5 | 6.5 | 7.5 | 13.0 | 0.0 |
| 29 | 雪 | 7.2 | 12.3 | 2.0 | 5.5 | 7.0 | 7.9 | 13.0 | 3.2 |
| 30 | ○ | 0.5 | 2.1 | −1.2 | 3.7 | 5.0 | 6.2 | 12.9 | 12.6 |
| 31 | ◎ | 4.8 | 10.1 | −0.6 | 4.0 | 4.9 | 5.8 | 12.5 | 0.1 |
| 上旬平均 | | 11.6 | 17.7 | 5.6 | 9.4 | 10.5 | 11.1 | 15.5 | |
| 中旬平均 | | 11.0 | 15.8 | 6.1 | 8.7 | 10.0 | 10.6 | 14.5 | |
| 下旬平均 | | 6.7 | 11.4 | 1.9 | 5.8 | 7.1 | 8.1 | 13.5 | |
| 月平均 | | 9.6 | 14.8 | 4.4 | 7.8 | 9.1 | 9.8 | 14.4 | |
| 月計 | | | | | | | | | 69.7 |


午前9時の気温・地温変化(旬別)
(℃)
温度
気温
地表
5cm
10cm
100cm
40
35
30
25
20
15
10
5
0
上 中 下
1 2 3 4 5 6 7 8 9 10 11 12
旬
月


降水量(月別合計)
(mm)
降水量
300
250
200
150
100
50
0
8.9
27.5
156.1
81.4
163.6
122.9
138.4
129.4
234.7
824.2
102.8
69.7
1 2 3 4 5 6 7 8 9 10 11 12
月