

資 料

筑波大学農林技術センター演習林気象報告

—筑波苗畑の気象観測データ (2002年)—

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はじめに

農林技術センター演習林・筑波苗畑では従来から総合気象観測装置(気温, 湿度, 降水量, 風向, 風速, 日射, 日照, 蒸発の8要素)による気象観測業務を実施している。

これまで気象観測資料取りまとめの簡素化を目的にM-702ウェザーステーション(中浅測器(株))を導入し観測を継続してきたが, 2000年3月にM5021-00-00フィールドマックス(横河電子機器(株))に更新した。

したがって, 2000年4月からは観測データをフィールドマックスにて収集し, これをパソコンの解析プログラムにより回収している。観測場所と観測データの処理方法については下記の通りである。

1. 観 測 場 所

筑波苗畑 茨城県つくば市天王台1-1-1

東経140°06.2', 北緯36°06.8', 標高25m

2. 観測データの処理方法

1) 日 界: 24時

2) 気 温

最 高: 当日の1時~24時の毎正時の最高

最 低: 当日の1時~24時の毎正時の最低

平 均: 最高と最低の算術平均値

平均気温: 1時~24時の毎正時の24回平均値

3) 相対湿度

日 最 大: 当日の1時~24時の毎正時の最大値

日 最 小: 当日の1時~24時の毎正時の最小値

日 平 均: 1時~24時の毎正時の24回平均値

4) 降 水 量

当日の0時~24時の日合計値

5) 日照時間

当日の0時～24時の日合計値

6) 日 射 量

当日の0時～24時の日合計値で、積算値はメガジュール ($\text{MJ} \cdot \text{m}^{-2}$) に統一

7) 蒸 発 量

当日の0時～24時の日合計値

8) 風 向

1時～24時の毎正時の最多風向を16方位で表示

風向の表示 C(catm) は静穏

9) 風 速

日 平 均：1時～24時の毎正時の24回平均値

日 最 大：1時～24時の毎正時の最大値

3. 計算および平均値の取り扱い

1) 計算はすべて四捨五入法による。

2) 日 平 均：20%以上記録が欠けている場合は欠測とし、－の記号を記入した。

3) 旬・月平均：20%以上の欠測日数がある場合は、－の記号を記入し、それ以下の場合は欠測日数を除いた日数に平均値を () 内に記入した。

觀測地点：筑波苗畑 2002年 1月 演習林本部

| 日 | 9時気温 ℃ | | 氣 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相對濕度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|---------|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | | | 最大 | 最小 | 日平均 | | | | |
| 1 | 1.8 | 9.0 | -3.4 | 2.8 | 1.5 | 0.0 | 5.4 | 8.8 | - | 85 | 44 | 70 | 0.4 | 1.2 | C | 蒸発量測定停止 |
| 2 | 3.0 | 6.7 | -4.0 | 1.4 | 1.1 | 0.0 | 1.7 | 5.5 | - | 91 | 49 | 70 | 0.7 | 2.1 | C | |
| 3 | 2.3 | 6.3 | -2.2 | 2.1 | 1.6 | 0.0 | 5.7 | 9.5 | - | 69 | 28 | 44 | 1.2 | 2.3 | 西北西 | |
| 4 | 2.5 | 9.7 | -4.1 | 2.8 | 1.8 | 0.0 | 5.8 | 9.2 | - | 90 | 36 | 65 | 0.4 | 0.8 | C | |
| 5 | 5.0 | 7.8 | -3.7 | 2.1 | 2.0 | 0.0 | 1.9 | 4.9 | - | 70 | 39 | 64 | 0.9 | 2.5 | C | |
| 6 | 1.6 | 8.7 | -3.5 | 2.6 | 1.7 | 0.0 | 5.6 | 9.5 | - | 79 | 32 | 58 | 0.6 | 1.5 | 南南西 | |
| 7 | -0.2 | 5.7 | -6.1 | -0.2 | 0.1 | 0.0 | 1.0 | 4.3 | - | 89 | 53 | 74 | 0.3 | 0.9 | C | |
| 8 | 3.8 | 10.4 | -1.9 | 4.3 | 4.6 | 2.0 | 4.9 | 8.3 | - | 95 | 26 | 66 | 1.0 | 2.6 | 西北西 | |
| 9 | 4.9 | 9.5 | -3.3 | 3.1 | 3.9 | 0.0 | 5.8 | 9.4 | - | 74 | 26 | 48 | 1.1 | 2.6 | 南南西 | |
| 10 | 5.3 | 11.9 | -1.4 | 5.3 | 4.9 | 0.0 | 5.8 | 9.0 | - | 91 | 36 | 60 | 0.5 | 1.0 | 南南西 | |
| 小計 | 30.0 | 85.7 | -33.6 | 26.1 | 23.0 | 2.0 | 43.6 | 78.3 | - | 853 | 369 | 620 | 7.0 | 17.5 | | |
| 平均 | 3.0 | 8.6 | -3.4 | 2.6 | 2.3 | | 4.4 | 7.8 | - | 85 | 37 | 62 | 0.7 | 1.8 | | |
| 11 | 4.3 | 13.5 | -1.6 | 6.0 | 6.1 | 0.0 | 5.7 | 8.7 | - | 94 | 34 | 62 | 0.9 | 2.4 | C | |
| 12 | 5.7 | 14.3 | -1.7 | 6.3 | 6.2 | 0.0 | 5.9 | 9.0 | - | 86 | 28 | 57 | 0.6 | 1.1 | C | |
| 13 | 2.9 | 12.3 | -1.7 | 5.3 | 4.0 | 0.0 | 4.4 | 7.4 | - | 92 | 40 | 71 | 0.4 | 0.8 | C | |
| 14 | 3.5 | 10.5 | -3.4 | 3.6 | 4.6 | 0.0 | 6.0 | 9.4 | - | 89 | 45 | 68 | 0.4 | 0.9 | C | |
| 15 | 4.9 | 14.6 | 1.5 | 8.1 | 7.1 | 0.0 | 5.2 | 8.1 | - | 94 | 49 | 75 | 0.4 | 1.1 | 南南西 | |
| 16 | 13.1 | 13.5 | 3.8 | 8.7 | 8.4 | 0.0 | 0.0 | 3.3 | - | 96 | 78 | 87 | 1.4 | 2.7 | 北東 | |
| 17 | 5.0 | 6.6 | -0.5 | 3.1 | 4.2 | 1.0 | 0.0 | 2.6 | - | 95 | 70 | 84 | 0.5 | 1.5 | C | |
| 18 | 2.6 | 8.0 | -2.4 | 2.8 | 2.0 | 0.0 | 6.1 | 10.2 | - | 94 | 36 | 73 | 0.4 | 1.1 | C | |
| 19 | 1.7 | 8.0 | -5.1 | 1.5 | 0.8 | 0.0 | 5.7 | 9.6 | - | 88 | 33 | 66 | 0.3 | 0.9 | C | |
| 20 | 2.8 | 9.8 | -3.2 | 3.3 | 3.8 | 0.0 | 4.3 | 9.0 | - | 85 | 47 | 67 | 0.7 | 1.5 | 東北東 | |
| 小計 | 46.5 | 111.1 | -14.3 | 48.4 | 47.1 | 1.0 | 43.3 | 77.4 | - | 911 | 458 | 708 | 5.9 | 14.0 | | |
| 平均 | 4.7 | 11.1 | -1.4 | 4.8 | 4.7 | | 4.3 | 7.7 | - | 91 | 46 | 71 | 0.6 | 1.4 | | |
| 21 | 8.9 | 13.4 | 4.3 | 8.9 | 9.1 | 35.5 | 0.0 | 1.4 | - | 100 | 88 | 95 | 0.8 | 2.3 | 北西 | |
| 22 | 10.1 | 13.5 | 1.2 | 7.4 | 8.3 | 0.0 | 4.8 | 9.2 | - | 99 | 28 | 65 | 0.8 | 2.6 | 西北西 | |
| 23 | 3.5 | 9.6 | -2.6 | 3.5 | 3.6 | 0.0 | 6.3 | 11.1 | - | 84 | 33 | 54 | 0.6 | 1.6 | C | |
| 24 | 4.7 | 10.0 | -2.0 | 4.0 | 2.9 | 0.0 | 6.4 | 11.4 | - | 81 | 28 | 58 | 0.5 | 1.4 | C | |
| 25 | 4.9 | 9.2 | -3.8 | 2.7 | 1.8 | 0.0 | 6.4 | 11.7 | - | 90 | 25 | 62 | 0.7 | 2.1 | C | |
| 26 | 1.1 | 6.8 | -5.3 | 0.8 | 1.7 | 10.5 | 1.5 | 5.0 | - | 93 | 48 | 75 | 0.5 | 1.3 | C | |
| 27 | 11.3 | 11.4 | 4.3 | 7.9 | 7.7 | 58.5 | 0.1 | 3.6 | - | 98 | 42 | 76 | 2.0 | 4.3 | 西 | |
| 28 | 6.8 | 10.0 | -1.6 | 4.2 | 5.6 | 0.0 | 6.6 | 12.0 | - | 84 | 32 | 51 | 1.5 | 2.7 | 南西 | |
| 29 | 3.4 | 8.2 | -2.3 | 3.0 | 2.6 | 0.0 | 6.6 | 12.0 | - | 88 | 26 | 57 | 0.8 | 2.2 | 西北西 | |
| 30 | 2.6 | 8.1 | -3.4 | 2.4 | 2.0 | 0.0 | 6.4 | 11.8 | - | 86 | 34 | 61 | 0.5 | 1.3 | C | |
| 31 | 3.8 | 5.6 | -2.1 | 1.8 | 0.0 | 0.0 | 2.1 | 2.9 | - | 85 | 48 | 67 | 0.6 | 1.2 | - | |
| 小計 | 61.1 | 105.8 | -13.3 | 46.3 | 45.3 | 104.5 | 47.2 | 91.9 | - | 987 | 431 | 721 | 9.3 | 23.0 | | |
| 平均 | 5.6 | 9.6 | -1.2 | 4.2 | 4.1 | | 4.3 | 8.4 | - | 90 | 39 | 66 | 0.8 | 2.1 | | |
| 合計 | 137.6 | 302.6 | -61.2 | 120.7 | 115.4 | 107.5 | 134.1 | 247.6 | - | 2752 | 1258 | 2049 | 22.2 | 54.5 | | |
| 平均 | 4.4 | 9.8 | -2.0 | 3.9 | 3.7 | | 4.3 | 8.0 | - | 89 | 41 | 66 | 0.7 | 1.8 | | |

演習林本部

観測地点：筑波苗畑 2002年 2月

| 日 | 9時気温 ℃ | 気温 最高℃ | 最低℃ | 平均℃ | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 最大 | 最小 | 相対湿度% | 日平均 日平均 | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-----------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|------|------|-------|------------|--------------|--------------|-----|-----|
| 1 | 2.1 | 8.0 | -3.1 | 2.5 | 1.9 | 0.0 | 6.6 | 12.4 | - | 83 | 27 | 61 | 0.4 | 0.4 | 1.4 | C | |
| 2 | 1.8 | 10.3 | -2.9 | 3.7 | 3.3 | 0.0 | 5.3 | 10.7 | - | 94 | 40 | 73 | 0.3 | 0.3 | 0.8 | C | |
| 3 | 4.2 | 5.0 | 1.2 | 3.1 | 3.8 | 5.5 | 0.0 | 1.1 | - | 98 | 81 | 91 | 0.7 | 0.7 | 1.4 | 北 | |
| 4 | 5.1 | 9.3 | 1.7 | 5.5 | 5.3 | 0.0 | 2.9 | 8.7 | - | 98 | 59 | 80 | 0.6 | 0.6 | 1.3 | 東北東 | |
| 5 | 6.2 | 9.7 | -0.4 | 4.7 | 5.5 | 4.5 | 0.0 | 5.9 | - | 100 | 58 | 83 | 0.3 | 0.3 | 0.8 | C | |
| 6 | 5.5 | 11.0 | 2.7 | 6.9 | 6.1 | 12.5 | 4.3 | 10.0 | - | 100 | 58 | 89 | 0.4 | 0.4 | 1.7 | C | |
| 7 | 4.5 | 10.9 | 1.0 | 6.0 | 5.6 | 0.0 | 0.9 | 4.7 | - | 100 | 43 | 81 | 0.5 | 0.5 | 1.9 | C | |
| 8 | 5.4 | 12.3 | -1.9 | 5.2 | 5.4 | 0.0 | 4.7 | 11.9 | - | 98 | 35 | 71 | 0.5 | 0.5 | 1.5 | C | |
| 9 | 8.4 | 12.4 | 0.3 | 6.4 | 5.8 | 0.0 | 6.6 | 13.2 | - | 98 | 25 | 51 | 1.5 | 1.5 | 2.9 | 北西 | |
| 10 | 2.2 | 5.0 | -3.6 | 0.7 | 1.2 | 0.0 | 0.0 | 4.2 | - | 97 | 37 | 62 | 0.4 | 0.4 | 1.7 | C | |
| 小計 | 45.4 | 93.9 | -5.0 | 44.5 | 43.9 | 22.5 | 31.3 | 82.6 | - | 966 | 461 | 743 | 5.6 | 5.6 | 15.4 | | |
| 平均 | 4.5 | 9.4 | -0.5 | 4.4 | 4.4 | | 3.1 | 8.3 | - | 97 | 46 | 74 | 0.6 | 0.6 | 1.5 | | |
| 11 | 1.4 | 7.5 | -4.7 | 1.4 | 1.2 | 0.0 | 6.6 | 13.6 | - | 96 | 25 | 61 | 0.6 | 0.6 | 1.7 | C | |
| 12 | 3.7 | 8.6 | -4.4 | 2.1 | 1.7 | 0.0 | 7.4 | 14.6 | - | 88 | 23 | 56 | 0.8 | 0.8 | 3.4 | C | |
| 13 | 1.4 | 8.0 | -4.0 | 2.0 | 1.9 | 0.0 | 5.1 | 12.2 | - | 89 | 30 | 67 | 0.7 | 0.7 | 1.8 | C | |
| 14 | 3.0 | 7.5 | -3.7 | 1.9 | 1.8 | 0.0 | 7.4 | 14.4 | - | 93 | 29 | 58 | 0.7 | 0.7 | 2.1 | C | |
| 15 | 3.6 | 8.1 | -4.8 | 1.7 | 2.3 | 0.0 | 6.0 | 13.5 | - | 86 | 29 | 57 | 0.7 | 0.7 | 2.0 | 北西 | |
| 16 | 3.5 | 9.8 | -4.2 | 2.8 | 3.0 | 0.0 | 7.8 | 14.7 | - | 91 | 33 | 63 | 0.5 | 0.5 | 1.3 | C | |
| 17 | 3.5 | 10.0 | -0.9 | 4.6 | 5.3 | 0.5 | 0.0 | 6.2 | - | 100 | 51 | 79 | 0.3 | 0.3 | 0.8 | C | |
| 18 | 3.2 | 11.8 | -0.8 | 5.5 | 4.8 | 0.0 | 3.9 | 10.0 | - | 100 | 25 | 62 | 1.2 | 1.2 | 2.7 | C | |
| 19 | 3.9 | 8.5 | -0.4 | 4.1 | 3.6 | 0.0 | 7.8 | 14.9 | - | 76 | 25 | 48 | 1.4 | 1.4 | 3.4 | 西北西 | |
| 20 | 6.6 | 13.6 | -2.1 | 5.8 | 5.3 | 0.0 | 7.9 | 15.8 | - | 89 | 18 | 55 | 0.8 | 0.8 | 2.3 | C | |
| 小計 | 33.8 | 93.4 | -30.0 | 31.7 | 30.8 | 0.5 | 59.9 | 129.8 | - | 909 | 287 | 606 | 7.7 | 7.7 | 21.5 | | |
| 平均 | 3.4 | 9.3 | -3.0 | 3.2 | 3.1 | | 6.0 | 13.0 | - | 91 | 29 | 61 | 0.8 | 0.8 | 2.2 | | |
| 21 | 5.7 | 14.9 | -1.5 | 6.7 | 6.6 | 0.0 | 7.7 | 15.3 | - | 85 | 31 | 60 | 0.5 | 0.5 | 1.5 | C | |
| 22 | 7.8 | 16.4 | 3.3 | 9.9 | 9.5 | 0.0 | 6.3 | 11.1 | - | 91 | 42 | 70 | 0.5 | 0.5 | 1.2 | 南南西 | |
| 23 | 9.0 | 13.7 | 3.3 | 8.5 | 8.3 | 0.0 | 7.3 | 13.8 | - | 94 | 32 | 56 | 0.7 | 0.7 | 1.4 | 東 | |
| 24 | 7.4 | 11.9 | 2.6 | 7.3 | 6.7 | 0.0 | 6.7 | 15.3 | - | 74 | 31 | 54 | 0.8 | 0.8 | 1.9 | 東北東 | |
| 25 | 5.7 | 10.6 | 1.6 | 6.1 | 5.9 | 0.0 | 7.3 | 15.0 | - | 81 | 43 | 59 | 0.8 | 0.8 | 1.6 | 北東 | |
| 26 | 6.6 | 12.5 | 3.1 | 7.8 | 7.6 | 0.0 | 2.9 | 9.5 | - | 90 | 55 | 77 | 0.5 | 0.5 | 1.0 | C | |
| 27 | 9.6 | 12.6 | 4.0 | 8.3 | 8.9 | 0.0 | 1.8 | 8.6 | - | 86 | 48 | 65 | 0.7 | 0.7 | 1.3 | 東北東 | |
| 28 | 8.3 | 11.1 | 7.0 | 9.1 | 9.2 | 2.5 | 0.0 | 2.3 | - | 100 | 74 | 94 | 0.4 | 0.4 | 1.0 | C | |
| 29 | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | |
| 小計 | 60.1 | 103.7 | 23.4 | 63.6 | 62.8 | 2.5 | 40.0 | 90.8 | - | 701 | 356 | 536 | 5.0 | 5.0 | 10.9 | | |
| 平均 | 7.5 | 13.0 | 2.9 | 7.9 | 7.9 | | 5.0 | 11.3 | - | 88 | 44 | 67 | 0.6 | 0.6 | 1.4 | | |
| 合計 | 139.3 | 291.0 | -11.6 | 139.7 | 137.5 | 25.5 | 131.2 | 303.1 | - | 2575 | 1104 | 1885 | 18.3 | 18.3 | 47.8 | | |
| 平均 | 5.0 | 10.4 | -0.4 | 5.0 | 4.9 | | 4.7 | 10.8 | - | 92 | 39 | 67 | 0.7 | 0.7 | 1.7 | | |

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相對湿度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|---------|
| | 最高℃ | 最低℃ | 最高℃ | 平均℃ | | | | | | 最大 | 最小 | 日平均 | | | | |
| 1 | 10.6 | 15.2 | 8.0 | 11.6 | 10.5 | 0.0 | 3.8 | 11.9 | — | 99 | 48 | 77 | 0.6 | 1.4 | C | |
| 2 | 10.6 | 15.0 | 7.1 | 11.1 | 10.7 | 0.0 | 3.0 | 10.3 | — | 79 | 38 | 56 | 0.7 | 1.1 | 南西 | |
| 3 | 3.9 | 7.5 | 2.4 | 5.0 | 4.5 | 0.0 | 5.6 | 14.2 | — | 71 | 36 | 50 | 0.8 | 1.5 | 東北東 | |
| 4 | 5.6 | 12.4 | 2.0 | 7.2 | 6.2 | 0.0 | 8.3 | 17.7 | — | 97 | 25 | 60 | 0.6 | 1.0 | 東 | |
| 5 | 5.2 | 12.1 | 0.6 | 6.4 | 6.9 | 0.0 | 0.4 | 6.9 | — | 99 | 58 | 81 | 0.3 | 0.6 | C | |
| 6 | 7.2 | 13.1 | 6.1 | 9.6 | 8.6 | 2.0 | 0.5 | 5.4 | — | 100 | 86 | 94 | 1.0 | 2.3 | 東北東 | |
| 7 | 11.1 | 15.5 | 1.0 | 8.3 | 8.3 | 0.0 | 6.8 | 15.6 | — | 99 | 24 | 53 | 0.9 | 2.4 | 西北西 | |
| 8 | 7.0 | 12.7 | -0.8 | 6.0 | 5.6 | 0.0 | 8.3 | 18.5 | — | 84 | 21 | 46 | 0.9 | 2.2 | 西北西 | |
| 9 | 5.9 | 14.7 | -2.7 | 6.0 | 6.2 | 0.0 | 8.6 | 18.0 | — | 93 | 34 | 68 | 0.5 | 1.2 | C | |
| 10 | 8.9 | 18.1 | -0.6 | 8.8 | 9.0 | 0.0 | 8.5 | 18.2 | — | 99 | 20 | 66 | 0.6 | 2.1 | C | |
| 小計 | 76.0 | 136.3 | 23.1 | 79.7 | 76.5 | 2.0 | 53.8 | 136.8 | — | 919 | 390 | 651 | 6.7 | 15.8 | | |
| 平均 | 7.6 | 13.6 | 2.3 | 8.0 | 7.6 | | 5.4 | 13.7 | — | 92 | 39 | 65 | 0.7 | 1.6 | | |
| 11 | 11.1 | 15.9 | 4.3 | 10.1 | 10.1 | 0.0 | 8.6 | 19.3 | — | 94 | 17 | 57 | 1.0 | 2.3 | C | |
| 12 | 10.2 | 18.9 | 0.3 | 9.6 | 9.7 | 0.0 | 7.0 | 15.7 | — | 93 | 24 | 56 | 0.7 | 2.3 | C | |
| 13 | 10.0 | 15.1 | 0.7 | 7.9 | 8.4 | 0.0 | 8.6 | 19.6 | — | 78 | 21 | 48 | 0.9 | 2.2 | C | |
| 14 | 9.0 | 17.0 | 0.3 | 8.7 | 10.2 | 0.0 | 7.1 | 16.8 | — | 91 | 32 | 64 | 0.6 | 1.0 | 南 | |
| 15 | 13.7 | 19.1 | 12.0 | 15.6 | 15.3 | 1.5 | 1.7 | 6.5 | — | 100 | 42 | 74 | 0.9 | 1.9 | 南 | |
| 16 | 12.7 | 16.1 | 6.9 | 11.5 | 11.3 | 0.0 | 1.1 | 9.9 | — | 91 | 41 | 60 | 0.7 | 1.4 | 東 | |
| 17 | 10.2 | 19.8 | 5.0 | 12.4 | 12.1 | 0.0 | 6.6 | 14.6 | — | 96 | 36 | 68 | 0.6 | 1.4 | 南 | |
| 18 | 13.8 | 18.4 | 8.9 | 13.7 | 13.2 | 0.0 | 6.1 | 15.7 | — | 80 | 19 | 39 | 0.9 | 1.8 | 南 | |
| 19 | 11.9 | 16.4 | 4.3 | 10.4 | 11.2 | 0.0 | 8.7 | 19.3 | — | 62 | 19 | 41 | 0.9 | 1.6 | 南 | |
| 20 | 13.0 | 18.4 | 5.4 | 11.9 | 11.4 | 0.0 | 8.9 | 20.3 | — | 85 | 15 | 45 | 1.2 | 2.3 | 西 | |
| 小計 | 115.6 | 175.1 | 48.1 | 111.6 | 112.8 | 1.5 | 64.4 | 137.7 | — | 869 | 266 | 552 | 8.3 | 18.2 | | |
| 平均 | 11.6 | 17.5 | 4.8 | 11.2 | 11.3 | | 6.4 | 15.8 | — | 87 | 27 | 55 | 0.8 | 1.8 | | |
| 21 | 11.0 | 20.1 | 1.4 | 10.8 | 12.8 | 0.0 | 4.2 | 12.4 | — | 96 | 43 | 71 | 1.0 | 2.5 | 南南西 | |
| 22 | 15.0 | 16.8 | 8.6 | 12.7 | 12.7 | 0.0 | 0.2 | 7.4 | — | 100 | 57 | 73 | 1.3 | 2.2 | 東北東 | |
| 23 | 7.0 | 10.7 | 4.3 | 7.5 | 7.1 | 1.5 | 1.6 | 7.0 | 2.3 | 100 | 44 | 81 | 0.7 | 2.3 | 北東 | 蒸発量測定開始 |
| 24 | 9.4 | 13.2 | 2.4 | 7.8 | 7.9 | 0.0 | 8.3 | 19.5 | 2.4 | 87 | 24 | 47 | 1.1 | 2.1 | 西北西 | |
| 25 | 8.6 | 12.3 | -0.9 | 5.7 | 6.3 | 0.0 | 8.1 | 18.4 | 1.9 | 97 | 36 | 65 | 0.6 | 1.1 | C | |
| 26 | 8.9 | 11.7 | 3.7 | 7.7 | 8.4 | 0.0 | 0.0 | 4.9 | 0.9 | 100 | 59 | 80 | 0.6 | 1.4 | 西北西 | |
| 27 | 10.7 | 10.8 | 5.6 | 8.2 | 9.3 | 29.5 | 0.0 | 1.9 | 7.8 | 100 | 64 | 95 | 0.7 | 2.3 | C | |
| 28 | 7.8 | 14.5 | -0.7 | 6.9 | 7.4 | 0.0 | 9.5 | 22.0 | 8.0 | 95 | 28 | 61 | 0.7 | 1.6 | C | |
| 29 | 7.9 | 15.0 | 7.5 | 11.3 | 11.0 | 5.0 | 0.0 | 1.8 | 0.3 | 100 | 76 | 93 | 0.7 | 1.4 | 南南東 | |
| 30 | 16.8 | 21.8 | 11.5 | 16.7 | 16.1 | 12.5 | 8.0 | 19.4 | 10.1 | 100 | 27 | 69 | 1.2 | 2.6 | 南南東 | |
| 31 | 12.8 | 17.5 | 9.8 | 13.7 | 12.9 | 1.0 | 3.0 | 11.8 | 1.5 | 95 | 64 | 78 | 1.4 | 2.4 | 東北東 | |
| 小計 | 115.9 | 164.4 | 53.2 | 108.8 | 111.9 | 49.5 | 42.9 | 126.5 | (35.2) | 1069 | 522 | 813 | 9.9 | 21.9 | | |
| 平均 | 10.5 | 14.9 | 4.8 | 9.9 | 10.2 | | 3.9 | 11.5 | (3.9) | 97 | 47 | 74 | 0.9 | 2.0 | | |
| 合計 | 307.5 | 475.8 | 124.4 | 300.1 | 301.2 | 53.0 | 161.1 | 421.0 | — | 2857 | 1178 | 2016 | 24.9 | 55.9 | | |
| 平均 | 9.9 | 15.3 | 4.0 | 9.7 | 9.7 | | 5.2 | 13.6 | — | 92 | 38 | 65 | 0.8 | 1.8 | | |

演習林本部

観測地点：筑波苗畑 2002年 4月

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | 日平均 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------------|--------------|------|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | | | 最 大 | 最 小 | | | | |
| 1 | 12.6 | 20.0 | 5.4 | 12.7 | 12.2 | 0.0 | 9.4 | 21.5 | 2.0 | 100 | 42 | 75 | 0.7 | 1.4 | C |
| 2 | 16.2 | 26.2 | 7.8 | 17.0 | 15.9 | 0.0 | 9.1 | 20.3 | 3.1 | 100 | 28 | 70 | 0.8 | 1.8 | C |
| 3 | 16.8 | 23.2 | 9.5 | 16.4 | 16.6 | 0.0 | 8.5 | 19.6 | 2.8 | 99 | 41 | 73 | 0.7 | 1.6 | 南 |
| 4 | 15.6 | 18.7 | 9.0 | 13.9 | 14.3 | 0.0 | 9.2 | 23.1 | 5.8 | 61 | 22 | 36 | 2.6 | 4.5 | 北北西 |
| 5 | 13.9 | 19.5 | 3.7 | 11.6 | 11.4 | 0.0 | 9.3 | 22.3 | 3.3 | 93 | 21 | 49 | 1.4 | 2.8 | 北北西 |
| 6 | 12.8 | 17.8 | 0.8 | 9.3 | 9.7 | 0.0 | 6.5 | 19.3 | 2.9 | 96 | 30 | 59 | 1.0 | 1.9 | 北北東 |
| 7 | 8.4 | 18.0 | 7.4 | 12.7 | 12.0 | 3.0 | 2.1 | 9.4 | 0.5 | 100 | 64 | 89 | 0.6 | 1.1 | 北東 |
| 8 | 15.9 | 23.3 | 12.9 | 18.1 | 17.6 | 0.0 | 2.8 | 11.9 | 1.1 | 100 | 64 | 89 | 0.5 | 1.2 | C |
| 9 | 16.8 | 17.4 | 8.9 | 13.2 | 13.5 | 3.0 | 0.0 | 6.1 | 1.6 | 100 | 70 | 89 | 1.3 | 2.6 | 東北東 |
| 10 | 11.2 | 13.3 | 8.2 | 10.8 | 10.7 | 1.0 | 0.0 | 7.6 | 0.8 | 100 | 58 | 78 | 0.9 | 1.6 | 東北東 |
| 小計 | 140.2 | 197.4 | 73.6 | 135.5 | 134.0 | 7.0 | 56.9 | 161.2 | 23.9 | 949 | 439 | 707 | 10.5 | 20.5 | |
| 平均 | 14.0 | 19.7 | 7.4 | 13.6 | 13.4 | | 5.7 | 16.1 | 2.4 | 95 | 44 | 71 | 1.0 | 2.1 | |
| 11 | 12.7 | 17.3 | 8.5 | 12.9 | 12.5 | 0.0 | 3.6 | 13.3 | 1.6 | 95 | 54 | 77 | 0.8 | 1.6 | 東北東 |
| 12 | 11.2 | 15.3 | 5.8 | 10.6 | 11.5 | 9.0 | 0.0 | 6.2 | 0.6 | 100 | 59 | 85 | 0.7 | 1.7 | 北東 |
| 13 | 11.6 | 17.0 | 3.0 | 10.0 | 10.2 | 0.0 | 6.1 | 17.9 | 1.4 | 100 | 56 | 79 | 0.6 | 1.8 | C |
| 14 | 11.7 | 20.6 | 5.0 | 12.8 | 12.6 | 0.0 | 8.1 | 19.9 | 2.3 | 100 | 47 | 81 | 0.6 | 1.1 | 南 |
| 15 | 16.8 | 27.4 | 8.7 | 18.1 | 17.7 | 0.0 | 7.5 | 19.4 | 3.2 | 100 | 29 | 69 | 0.8 | 1.6 | 南 |
| 16 | 22.5 | 24.1 | 17.6 | 20.9 | 20.7 | 0.0 | 5.1 | 16.8 | 3.1 | 79 | 55 | 68 | 1.7 | 2.6 | 南 |
| 17 | 21.7 | 24.2 | 12.6 | 18.4 | 20.4 | 0.0 | 1.6 | 12.8 | 2.6 | 95 | 65 | 75 | 1.7 | 3.4 | 南 |
| 18 | 14.8 | 18.9 | 11.6 | 15.3 | 14.6 | 0.0 | 3.0 | 15.7 | 3.0 | 88 | 47 | 63 | 0.8 | 1.3 | 東北東 |
| 19 | 14.6 | 20.3 | 8.6 | 14.5 | 13.7 | 0.0 | 9.6 | 22.4 | 3.6 | 87 | 26 | 55 | 0.6 | 1.3 | C |
| 20 | 17.6 | 19.7 | 9.5 | 14.6 | 14.8 | 0.0 | 4.8 | 17.0 | 2.6 | 94 | 43 | 67 | 0.5 | 1.2 | C |
| 小計 | 155.2 | 204.8 | 90.9 | 147.9 | 148.7 | 9.0 | 49.4 | 161.3 | 24.0 | 937 | 481 | 719 | 8.8 | 17.6 | |
| 平均 | 15.5 | 20.5 | 9.1 | 14.8 | 14.9 | | 4.9 | 16.1 | 2.4 | 94 | 48 | 72 | 0.9 | 1.8 | |
| 21 | 16.6 | 17.8 | 11.4 | 14.6 | 14.2 | 17.0 | 0.0 | 4.6 | 0.7 | 100 | 74 | 91 | 0.5 | 1.3 | C |
| 22 | 16.6 | 19.4 | 12.4 | 15.9 | 15.4 | 2.0 | 0.1 | 9.2 | 1.3 | 100 | 67 | 82 | 1.3 | 1.9 | 北北東 |
| 23 | 16.8 | 20.1 | 10.4 | 15.3 | 14.6 | 0.0 | 6.8 | 21.2 | 2.7 | 100 | 54 | 77 | 0.9 | 1.7 | 北東 |
| 24 | 15.9 | 23.7 | 8.9 | 16.3 | 16.0 | 0.0 | 8.1 | 22.4 | 3.2 | 97 | 56 | 79 | 0.6 | 1.3 | C |
| 25 | 18.1 | 18.4 | 10.0 | 14.2 | 14.6 | 0.0 | 0.8 | 5.6 | 1.4 | 100 | 55 | 78 | 0.7 | 1.8 | 北東 |
| 26 | 11.0 | 14.4 | 9.5 | 12.0 | 11.3 | 0.0 | 0.6 | 12.0 | 2.1 | 91 | 46 | 67 | 1.1 | 2.1 | 北東 |
| 27 | 13.9 | 16.5 | 4.9 | 10.7 | 11.0 | 0.0 | 9.2 | 24.2 | 3.4 | 81 | 36 | 58 | 1.0 | 1.8 | 北東 |
| 28 | 12.3 | 17.7 | 3.7 | 10.7 | 10.4 | 0.0 | 9.8 | 25.0 | 3.2 | 92 | 39 | 65 | 0.7 | 1.5 | 東北東 |
| 29 | 13.9 | 21.3 | 3.6 | 12.5 | 13.4 | 0.0 | 10.2 | 25.4 | 3.7 | 96 | 28 | 58 | 0.6 | 1.3 | C |
| 30 | 18.0 | 18.7 | 12.6 | 15.7 | 16.0 | 2.0 | 0.0 | 6.2 | 0.6 | 100 | 68 | 84 | 0.7 | 1.8 | 南 |
| 31 | | | | | | | | | | | | | | | |
| 小計 | 153.1 | 188.0 | 87.4 | 137.7 | 136.9 | 21.0 | 45.6 | 155.7 | 22.3 | 957 | 522 | 738 | 8.1 | 16.5 | |
| 平均 | 15.3 | 18.8 | 8.7 | 13.8 | 13.7 | | 4.6 | 15.6 | 2.2 | 96 | 52 | 74 | 0.8 | 1.7 | |
| 合計 | 448.5 | 590.2 | 251.9 | 421.1 | 419.6 | 37.0 | 151.9 | 478.2 | 70.2 | 2842 | 1443 | 2165 | 27.4 | 54.6 | |
| 平均 | 15.0 | 19.7 | 8.4 | 14.0 | 14.0 | | 5.1 | 15.9 | 2.3 | 95 | 48 | 72 | 0.9 | 1.8 | |

| 日 | 9時気温 ℃ | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 | |
|----|-----------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|--------|------|------|--------------|--------------|------|-----|-------------|
| | | 最高℃ | 最低℃ | 平均℃ | | | | | 最 大 | 最 小 | 日平均 | | | | | |
| 1 | 19.3 | 21.4 | 11.5 | 16.5 | 16.5 | 1.0 | 0.3 | 11.2 | 1.2 | 100 | 68 | 86 | 0.6 | 1.9 | C | |
| 2 | 17.1 | 21.3 | 8.4 | 14.9 | 14.7 | 0.0 | 10.6 | 27.5 | 4.2 | 100 | 24 | 63 | 0.7 | 1.7 | C | |
| 3 | 19.0 | 23.4 | 7.4 | 15.4 | 16.4 | 0.0 | 9.5 | 24.1 | 3.6 | 97 | 39 | 68 | 0.8 | 1.7 | 南 | |
| 4 | 20.3 | 23.0 | 12.7 | 17.9 | 18.5 | 0.0 | 2.3 | 15.1 | 3.0 | 95 | 57 | 78 | 1.1 | 2.2 | 南 | |
| 5 | 23.2 | 27.3 | 16.8 | 22.1 | 21.9 | 2.0 | 9.1 | 24.1 | 2.7 | 97 | 58 | 78 | 0.7 | 1.5 | 南南西 | |
| 6 | 15.9 | 19.6 | 11.5 | 15.6 | 15.3 | 0.5 | 7.5 | 23.6 | 1.2 | 77 | 33 | 53 | 0.8 | 2.0 | 東 | |
| 7 | 14.2 | 14.5 | 12.3 | 13.4 | 13.8 | 21.0 | 0.0 | 2.1 | 0.0 | 100 | 67 | 89 | 0.4 | 1.0 | C | |
| 8 | 15.9 | 20.1 | 13.2 | 16.7 | 15.4 | 3.0 | 0.8 | 9.5 | 1.1 | 100 | 86 | 93 | 0.8 | 1.7 | 東北東 | |
| 9 | 14.4 | 15.5 | 11.8 | 13.7 | 13.6 | 0.0 | 0.0 | 6.1 | 1.4 | 90 | 71 | 82 | 1.1 | 1.6 | 東北東 | |
| 10 | 13.6 | 14.5 | 11.7 | 13.1 | 12.7 | 11.5 | 0.0 | 6.1 | 0.3 | 100 | 81 | 92 | 0.9 | 2.0 | 北東 | |
| 小計 | 172.9 | 200.6 | 117.3 | 159.0 | 158.7 | 39.0 | 40.1 | 149.4 | 18.7 | 956 | 583 | 782 | 8.0 | 17.3 | | |
| 平均 | 17.3 | 20.1 | 11.7 | 15.9 | 15.9 | | 4.0 | 14.9 | 1.9 | 96 | 58 | 78 | 0.8 | 1.7 | | |
| 11 | 13.0 | 18.1 | 12.3 | 15.2 | 14.6 | 10.5 | 0.1 | 9.2 | 1.1 | 100 | 72 | 88 | 1.0 | 2.0 | 北北東 | |
| 12 | 17.1 | 19.3 | 11.4 | 15.4 | 14.6 | 0.0 | 4.0 | 18.0 | 2.8 | 91 | 71 | 82 | 0.9 | 1.7 | 東北東 | |
| 13 | 12.4 | 15.0 | 10.4 | 12.7 | 12.8 | 0.0 | 0.0 | 5.5 | 0.7 | 100 | 79 | 90 | 0.6 | 1.2 | 東北東 | |
| 14 | 18.2 | 24.7 | 12.6 | 18.7 | 17.5 | 0.0 | 8.5 | 24.1 | 3.6 | 97 | 56 | 77 | 0.8 | 1.7 | 東北東 | |
| 15 | 20.0 | 22.7 | 12.5 | 17.6 | 16.6 | 0.0 | 5.7 | 22.6 | 4.7 | 91 | 54 | 73 | 1.1 | 2.0 | 東北東 | |
| 16 | 13.6 | 17.6 | 11.5 | 14.6 | 13.7 | 0.0 | 1.2 | 13.1 | 2.5 | 84 | 63 | 72 | 1.1 | 1.9 | 北東 | |
| 17 | 13.7 | 16.1 | 11.4 | 13.8 | 12.9 | 16.0 | 0.0 | 7.1 | 0.5 | 100 | 70 | 88 | 0.8 | 1.6 | 北東 | |
| 18 | 13.5 | 17.5 | 12.0 | 14.8 | 14.5 | 9.0 | 0.0 | 5.5 | 5.2 | 100 | 84 | 97 | 0.5 | 1.2 | C | |
| 19 | 19.0 | 24.3 | 13.3 | 18.8 | 17.7 | 27.0 | 5.6 | 19.9 | — | 100 | 62 | 87 | 0.6 | 1.3 | C | 20時以降：蒸発量異常 |
| 20 | 12.9 | 17.4 | 12.1 | 14.8 | 14.3 | 2.0 | 5.2 | 15.3 | 5.5 | 100 | 77 | 90 | 0.9 | 1.5 | 東北東 | |
| 小計 | 153.4 | 192.7 | 119.5 | 156.1 | 149.1 | 64.5 | 30.3 | 140.3 | (26.6) | 962 | 688 | 843 | 8.2 | 16.1 | | |
| 平均 | 15.3 | 19.3 | 12.0 | 15.6 | 14.9 | | 3.0 | 14.0 | (3.0) | 96 | 69 | 84 | 0.8 | 1.6 | | |
| 21 | 15.7 | 24.0 | 12.1 | 18.1 | 17.3 | 0.0 | 6.0 | 21.6 | 3.6 | 92 | 41 | 72 | 0.6 | 1.1 | C | |
| 22 | 20.5 | 24.3 | 10.7 | 17.5 | 18.1 | 0.0 | 9.5 | 22.7 | 3.0 | 98 | 50 | 74 | 0.5 | 1.1 | C | |
| 23 | 21.0 | 25.3 | 14.5 | 19.9 | 19.2 | 0.0 | 2.9 | 16.8 | 2.8 | 96 | 55 | 77 | 0.5 | 1.2 | 南 | |
| 24 | 22.2 | 24.0 | 12.1 | 18.1 | 18.8 | 0.0 | 3.3 | 16.8 | 3.5 | 97 | 43 | 71 | 0.6 | 1.6 | C | |
| 25 | 21.8 | 27.0 | 10.5 | 18.8 | 19.0 | 0.0 | 10.8 | 27.8 | 4.8 | 96 | 25 | 54 | 0.8 | 2.0 | 南西 | |
| 26 | 21.1 | 24.2 | 9.8 | 17.0 | 17.7 | 0.0 | 11.1 | 26.8 | 4.7 | 94 | 32 | 64 | 0.6 | 1.5 | C | |
| 27 | 20.1 | 23.9 | 13.5 | 18.7 | 17.1 | 29.0 | 4.8 | 17.2 | 1.7 | 100 | 45 | 82 | 0.7 | 2.0 | C | |
| 28 | 18.9 | 23.9 | 11.2 | 17.6 | 17.2 | 0.0 | 11.8 | 28.4 | 5.1 | 100 | 48 | 75 | 0.6 | 1.3 | C | |
| 29 | 19.4 | 25.7 | 11.6 | 18.7 | 18.7 | 0.0 | 6.4 | 21.3 | 3.3 | 99 | 38 | 74 | 0.6 | 1.1 | C | |
| 30 | 22.1 | 26.6 | 14.0 | 20.3 | 20.9 | 0.0 | 4.9 | 19.9 | 3.1 | 98 | 41 | 76 | 0.7 | 1.5 | 南 | |
| 31 | 22.3 | 23.3 | 17.4 | 20.4 | 20.6 | 0.0 | 2.7 | 16.1 | 3.3 | 94 | 62 | 76 | 0.8 | 1.6 | 南 | |
| 小計 | 225.1 | 272.2 | 137.4 | 204.8 | 204.6 | 29.0 | 74.2 | 235.4 | 38.9 | 1064 | 478 | 793 | 6.8 | 16.0 | | |
| 平均 | 20.5 | 24.7 | 12.5 | 18.6 | 18.6 | | 6.7 | 21.4 | 3.5 | 97 | 43 | 72 | 0.6 | 1.5 | | |
| 合計 | 551.4 | 665.5 | 374.2 | 519.9 | 512.5 | 132.5 | 144.6 | 525.0 | 84.2 | 2982 | 1749 | 2419 | 23.0 | 49.4 | | |
| 平均 | 17.8 | 21.5 | 12.1 | 16.8 | 16.5 | | 4.7 | 16.9 | 2.8 | 96 | 56 | 78 | 0.7 | 1.6 | | |

20時以降：蒸発量異常

演習林本部

観測地点：筑波苗畑 2002年 6月

| 日 | 9時気温 ℃ | 気 温 | | 日平均気温 ℃ | | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | 日平均 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|---------|---------|------------|---------|-----------|-----------|-----------------------------|-----------|----------|----------|------------|--------------|--------|----------------|
| | | 最高℃ | 最低℃ | 平均℃ | | | | | | 最 大 | 最 小 | | | | |
| 1 | 21.9 | 27.1 | 16.0 | 21.6 | 21.5 | 0.0 | 5.4 | 20.4 | 3.6 | 99 | 54 | 78 | 0.6 | 1.1 | C |
| 2 | 23.7 | 27.8 | 18.1 | 23.0 | 22.3 | 0.0 | 6.3 | 21.9 | 4.8 | 98 | 52 | 72 | 0.6 | 1.2 | 南南東 |
| 3 | 22.2 | 25.4 | 16.7 | 21.1 | 20.7 | 0.0 | 9.1 | 24.5 | 4.7 | 91 | 64 | 64 | 0.8 | 1.4 | 東北東 |
| 4 | 22.8 | 28.3 | 15.4 | 21.9 | 21.3 | 3.0 | 6.1 | 21.2 | 2.7 | 100 | 51 | 82 | 0.5 | 1.1 | C |
| 5 | 22.9 | 28.1 | 16.8 | 22.5 | 21.7 | — | — | — | — | 100 | 50 | 77 | 0.9 | 1.7 | 18時以降：全データ回収不可 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10時から：全データ回収開始 |
| 8 | 24.8 | 29.8 | 17.3 | 23.6 | 23.0 | 0.0 | 8.5 | 25.1 | 2.5 | 100 | 41 | 74 | 0.7 | 1.5 | 南 |
| 9 | 25.1 | 28.9 | 15.5 | 22.2 | 22.6 | 0.0 | 10.8 | 27.7 | 0.0 | 96 | 21 | 56 | 0.9 | 2.1 | 西北西 |
| 10 | 21.7 | 27.9 | 13.3 | 20.6 | 20.9 | 0.0 | 2.0 | 17.0 | 0.0 | 89 | 35 | 60 | 0.5 | 1.1 | C |
| 小計 | (185.1) | (223.3) | (129.1) | (176.2) | (174.0) | (3.0) | (48.2) | (157.8) | (18.3) | (773.3) | (346.4) | (564.8) | (5.4) | (11.2) | |
| 平均 | (23.1) | (27.9) | (16.1) | (22.0) | (21.7) | — | — | — | — | (96.7) | (43.3) | (70.6) | (0.7) | (1.4) | |
| 11 | 24.5 | 28.3 | 17.6 | 23.0 | 23.9 | 0.0 | 1.9 | 13.2 | 1.8 | 100 | 68 | 83 | 0.9 | 1.8 | 南 |
| 12 | 16.8 | 20.1 | 15.3 | 17.7 | 16.8 | 2.5 | 0.0 | 3.3 | 0.6 | 100 | 92 | 98 | 0.7 | 1.4 | 東 |
| 13 | 17.5 | 19.0 | 15.6 | 17.3 | 17.6 | 3.0 | 0.0 | 3.6 | 0.3 | 100 | 95 | 99 | 0.4 | 0.7 | C |
| 14 | 20.0 | 20.5 | 17.0 | 18.8 | 18.7 | 0.5 | 0.0 | 3.7 | 0.7 | 100 | 84 | 93 | 0.5 | 1.3 | C |
| 15 | 18.7 | 21.8 | 17.0 | 19.4 | 19.0 | 7.5 | 0.0 | 6.7 | 0.8 | 100 | 86 | 95 | 0.6 | 1.2 | 北東 |
| 16 | 20.2 | 22.8 | 17.7 | 20.3 | 20.4 | 0.0 | 0.0 | 7.1 | 0.9 | 100 | 84 | 93 | 0.4 | 1.0 | C |
| 17 | 22.5 | 25.9 | 16.9 | 21.4 | 21.0 | 0.0 | 0.0 | 12.7 | 2.0 | 100 | 72 | 90 | 0.5 | 0.8 | 南南東 |
| 18 | 19.9 | 20.0 | 16.5 | 18.3 | 18.4 | 51.0 | 0.0 | 1.4 | 10.9 | 100 | 96 | 99 | 0.6 | 1.7 | C |
| 19 | 22.7 | 28.5 | 13.1 | 20.8 | 20.9 | 0.0 | 11.3 | 28.1 | 8.3 | 100 | 40 | 74 | 0.5 | 1.4 | C |
| 20 | 22.4 | 24.3 | 16.8 | 20.6 | 20.4 | 7.0 | 0.0 | 9.5 | 1.5 | 100 | 66 | 87 | 0.5 | 1.2 | C |
| 小計 | 205.2 | 231.2 | 163.5 | 197.4 | 197.2 | 71.5 | 13.2 | 89.2 | 27.8 | 1000 | 784 | 911 | 5.6 | 12.5 | |
| 平均 | 20.5 | 23.1 | 16.4 | 19.7 | 19.7 | — | 1.3 | 8.9 | 2.8 | 100 | 78 | 91 | 0.6 | 1.3 | |
| 21 | 23.4 | 30.1 | 16.5 | 23.3 | 21.4 | 4.0 | 8.9 | 25.4 | 5.4 | 100 | 55 | 84 | 1.1 | 1.6 | 東北東 |
| 22 | 15.8 | 20.8 | 14.3 | 17.6 | 16.8 | 5.5 | 1.7 | 13.7 | 3.9 | 100 | 72 | 86 | 1.1 | 1.6 | 東北東 |
| 23 | 15.7 | 17.3 | 13.8 | 15.6 | 15.5 | 0.0 | 0.0 | 6.0 | 1.2 | 100 | 81 | 88 | 0.6 | 1.1 | 東北東 |
| 24 | 18.6 | 22.9 | 14.0 | 18.5 | 18.4 | 0.0 | 2.2 | 17.0 | 2.6 | 100 | 58 | 76 | 0.6 | 1.3 | 南南東 |
| 25 | 15.9 | 17.5 | 14.6 | 16.1 | 15.8 | 7.0 | 0.0 | 5.9 | 1.2 | 100 | 88 | 97 | 0.9 | 1.7 | 北東 |
| 26 | 15.8 | 17.5 | 14.3 | 15.9 | 15.9 | 2.5 | 0.0 | 7.6 | 1.2 | 100 | 84 | 93 | 0.8 | 1.3 | 北東 |
| 27 | 16.4 | 17.2 | 14.8 | 16.0 | 15.9 | 3.5 | 0.0 | 5.7 | 0.6 | 100 | 86 | 95 | 0.6 | 1.2 | 北東 |
| 28 | 19.0 | 23.8 | 15.3 | 19.6 | 18.9 | 0.0 | 4.7 | 18.8 | 2.9 | 100 | 65 | 86 | 0.6 | 1.1 | 東 |
| 29 | 20.2 | 22.9 | 15.0 | 19.0 | 19.2 | 2.0 | 0.0 | 12.4 | 1.9 | 100 | 74 | 90 | 0.5 | 0.9 | 東北東 |
| 30 | 21.6 | 25.1 | 18.4 | 21.8 | 20.8 | 9.5 | 0.3 | 11.4 | 4.6 | 100 | 78 | 92 | 0.6 | 1.1 | 東北東 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 小計 | 182.4 | 215.1 | 151.0 | 183.1 | 178.6 | 34.0 | 17.8 | 123.7 | 25.5 | 999 | 741 | 885 | 7.5 | 12.9 | |
| 平均 | 18.2 | 21.5 | 15.1 | 18.3 | 17.9 | — | 1.8 | 12.4 | 2.6 | 100 | 74 | 88 | 0.8 | 1.3 | |
| 合計 | (572.7) | (669.6) | (443.6) | (556.6) | (549.7) | (108.5) | (79.2) | (370.7) | (71.6) | (2772.7) | (1871.4) | (2360.8) | (18.5) | (36.6) | |
| 平均 | (20.5) | (23.9) | (15.8) | (19.9) | (19.6) | — | (2.9) | (13.7) | (2.7) | (99.0) | (66.8) | (84.3) | (0.7) | (1.3) | |

| 日 | 9 時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|------------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | | | 最 大 | 最 小 | 日平均 | | | | |
| 1 | 20.9 | 22.0 | 18.7 | 20.4 | 20.7 | 8.5 | 0.0 | 3.7 | 3.5 | 100 | 97 | 99 | 0.3 | 0.6 | C | |
| 2 | 20.7 | 24.5 | 19.2 | 21.9 | 21.1 | 0.0 | 0.1 | 10.8 | 3.6 | 100 | 83 | 93 | 0.5 | 1.0 | C | |
| 3 | 21.3 | 24.0 | 19.1 | 21.6 | 21.3 | 0.0 | 0.0 | 8.9 | 2.0 | 99 | 82 | 92 | 0.5 | 0.9 | 東 | |
| 4 | 25.7 | 30.8 | 20.1 | 25.5 | 24.0 | 0.0 | 6.5 | 22.2 | 4.4 | 100 | 68 | 88 | 0.7 | 1.1 | 南東 | |
| 5 | 22.1 | 27.4 | 21.1 | 24.3 | 23.9 | 0.0 | 0.4 | 11.1 | 2.2 | 99 | 79 | 89 | 0.5 | 0.9 | C | |
| 6 | 26.5 | 28.6 | 23.1 | 25.9 | 25.7 | 0.0 | 2.1 | 17.8 | 4.2 | 99 | 60 | 80 | 1.2 | 2.1 | 南 | |
| 7 | 27.7 | 30.3 | 23.8 | 27.1 | 26.8 | 0.0 | 6.3 | 21.5 | 4.1 | 90 | 64 | 79 | 1.1 | 1.8 | 南 | |
| 8 | 29.4 | 32.6 | 22.5 | 27.6 | 27.4 | 0.0 | 8.5 | 22.7 | 4.6 | 98 | 61 | 80 | 0.5 | 1.1 | C | |
| 9 | 29.7 | 32.6 | 22.0 | 27.3 | 25.5 | 8.5 | 4.0 | 17.4 | 3.1 | 100 | 61 | 86 | 0.8 | 1.5 | 東北東 | |
| 10 | 24.7 | 26.1 | 21.6 | 23.9 | 24.3 | 53.0 | 0.0 | 3.8 | 0.6 | 100 | 98 | 100 | 0.8 | 1.8 | 南南東 | |
| 小計 | 248.7 | 278.9 | 211.2 | 245.1 | 240.7 | 70.0 | 27.9 | 139.7 | 32.3 | 984 | 753 | 885 | 6.8 | 12.8 | | |
| 平均 | 24.9 | 27.9 | 21.1 | 24.5 | 24.1 | 2.8 | 8.9 | 14.0 | 3.2 | 98 | 75 | 89 | 0.7 | 1.3 | | |
| 11 | 30.5 | 35.1 | 22.9 | 29.0 | 27.8 | 24.0 | 0.0 | 26.1 | — | 100 | 43 | 74 | 1.2 | 3.1 | 南南西 | |
| 12 | 27.4 | 30.0 | 21.5 | 25.8 | 25.5 | 0.0 | 12.3 | 27.1 | 7.8 | 87 | 56 | 69 | 0.7 | 1.3 | 東北東 | |
| 13 | 25.8 | 29.7 | 20.2 | 25.0 | 25.3 | 1.0 | 2.1 | 13.8 | 1.9 | 98 | 72 | 85 | 0.5 | 1.3 | 南南西 | |
| 14 | 28.6 | 33.5 | 22.1 | 27.8 | 27.9 | 0.0 | 8.3 | 23.1 | 4.8 | 100 | 54 | 76 | 0.9 | 1.7 | 南 | |
| 15 | 30.8 | 33.4 | 21.8 | 27.6 | 26.5 | 0.0 | 2.9 | 14.7 | 4.0 | 93 | 64 | 79 | 0.9 | 1.9 | 南南西 | |
| 16 | 27.5 | 29.7 | 22.0 | 25.9 | 25.4 | 23.0 | 3.0 | 8.8 | 4.1 | 99 | 73 | 91 | 0.9 | 2.6 | 南 | |
| 17 | 27.8 | 29.5 | 22.1 | 25.8 | 25.4 | 0.5 | 1.3 | 12.5 | 4.6 | 99 | 67 | 88 | 0.5 | 1.2 | C | |
| 18 | 27.4 | 31.7 | 22.8 | 27.3 | 27.0 | 0.0 | 6.5 | 21.3 | 5.2 | 98 | 64 | 82 | 0.8 | 1.6 | 南 | |
| 19 | 27.2 | 31.4 | 25.5 | 28.5 | 27.8 | 1.0 | 5.5 | 18.5 | 3.9 | 97 | 66 | 82 | 1.2 | 2.0 | 南 | |
| 20 | 30.3 | 33.0 | 23.0 | 28.0 | 27.8 | 0.0 | 11.4 | 25.7 | 7.1 | 97 | 62 | 80 | 0.6 | 1.2 | 南 | |
| 小計 | 283.3 | 317.0 | 223.9 | 270.5 | 266.3 | 49.5 | 62.2 | 191.4 | (43.4) | 966 | 620 | 805 | 8.3 | 17.9 | | |
| 平均 | 28.3 | 31.7 | 22.4 | 27.0 | 26.6 | 6.2 | 6.2 | 19.1 | (4.8) | 97 | 62 | 80 | 0.8 | 1.8 | | |
| 21 | 30.0 | 33.2 | 22.9 | 28.1 | 28.1 | 0.0 | 11.1 | 25.8 | 5.8 | 99 | 64 | 81 | 0.6 | 1.2 | 南 | |
| 22 | 29.6 | 32.2 | 24.8 | 28.5 | 28.2 | 0.0 | 4.3 | 17.2 | 4.1 | 93 | 64 | 79 | 0.5 | 1.0 | 南 | |
| 23 | 28.4 | 32.4 | 23.7 | 28.1 | 27.3 | 0.0 | 4.6 | 18.7 | 4.5 | 98 | 66 | 84 | 0.6 | 1.3 | 東北東 | |
| 24 | 24.8 | 30.1 | 22.2 | 26.2 | 25.2 | 0.0 | 7.2 | 22.4 | 5.2 | 96 | 63 | 83 | 1.0 | 1.8 | 北東 | |
| 25 | 25.6 | 27.6 | 23.3 | 25.5 | 25.1 | 0.5 | 0.2 | 8.7 | 2.0 | 100 | 86 | 95 | 0.6 | 1.2 | 東北東 | |
| 26 | 29.5 | 33.6 | 24.6 | 29.1 | 28.7 | 0.0 | 8.2 | 24.0 | 5.4 | 98 | 59 | 81 | 0.6 | 1.1 | 南 | |
| 27 | 29.1 | 33.9 | 22.7 | 28.3 | 27.9 | 0.0 | 6.9 | 20.4 | 4.9 | 99 | 62 | 82 | 0.6 | 1.1 | 東北東 | |
| 28 | 24.5 | 26.8 | 21.9 | 24.4 | 23.7 | 0.0 | 0.5 | 13.6 | 0.9 | 89 | 64 | 75 | 0.9 | 1.3 | 東北東 | |
| 29 | 24.4 | 30.1 | 22.4 | 26.3 | 25.5 | 0.0 | 1.4 | 12.3 | — | 97 | 73 | 85 | 0.4 | 0.7 | C | |
| 30 | 29.6 | 32.6 | 23.1 | 27.9 | 27.8 | 0.0 | 2.7 | 16.5 | — | 99 | 62 | 82 | 0.4 | 0.9 | C | |
| 31 | 30.5 | 35.3 | 23.8 | 29.6 | 29.0 | 0.0 | 6.9 | 21.8 | — | 99 | 48 | 77 | 0.5 | 1.0 | C | |
| 小計 | 306.0 | 347.8 | 255.4 | 301.6 | 296.4 | 0.5 | 54.0 | 201.4 | (32.8) | 1067 | 710 | 905 | 6.5 | 12.6 | | |
| 平均 | 27.8 | 31.6 | 23.2 | 27.4 | 26.9 | 23.2 | 4.9 | 18.3 | — | 97 | 65 | 82 | 0.6 | 1.1 | | |
| 合計 | 838.0 | 943.7 | 690.5 | 817.1 | 803.5 | 120.0 | 144.1 | 532.6 | (108.5) | 3018 | 2083 | 2595 | 21.6 | 43.3 | | |
| 平均 | 27.0 | 30.4 | 22.3 | 26.4 | 25.9 | 4.6 | 4.6 | 17.2 | (4.0) | 97 | 67 | 84 | 0.7 | 1.4 | | |

演習林本部

観測地点：筑波苗畑 2002年 8月

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | | | 最 大 | 最 小 | 日平均 | | | | |
| 1 | 30.7 | 35.7 | 22.7 | 29.2 | 29.6 | 17.5 | 7.7 | 21.9 | — | 100 | 55 | 78 | 0.6 | 1.3 | C | |
| 2 | 27.6 | 33.6 | 21.9 | 27.8 | 25.9 | 0.0 | 5.3 | 17.6 | 5.2 | 100 | 55 | 87 | 0.6 | 1.3 | C | |
| 3 | 26.8 | 30.7 | 22.0 | 26.4 | 25.4 | 0.0 | 8.1 | 22.7 | 4.6 | 100 | 72 | 87 | 0.7 | 1.1 | 東北東 | |
| 4 | 25.0 | 30.6 | 22.4 | 26.5 | 25.9 | 0.0 | 2.1 | 13.8 | 2.9 | 100 | 73 | 89 | 0.5 | 1.0 | C | |
| 5 | 27.7 | 34.0 | 23.6 | 28.8 | 28.2 | 0.0 | 6.8 | 20.3 | 5.1 | 99 | 59 | 83 | 0.5 | 1.1 | C | |
| 6 | 30.6 | 35.1 | 23.8 | 29.5 | 29.1 | 0.0 | 8.2 | 20.4 | 4.3 | 99 | 54 | 81 | 0.5 | 1.0 | C | |
| 7 | 29.8 | 35.1 | 23.3 | 29.2 | 28.8 | 0.0 | 10.2 | 23.0 | 6.2 | 98 | 58 | 78 | 0.6 | 1.2 | C | |
| 8 | 31.2 | 33.9 | 23.8 | 28.9 | 28.5 | 0.0 | 10.5 | 25.0 | 6.9 | 98 | 48 | 76 | 0.8 | 1.6 | 南 | |
| 9 | 30.5 | 33.1 | 23.0 | 28.1 | 28.5 | 0.0 | 10.0 | 23.4 | 6.7 | 97 | 61 | 77 | 0.8 | 1.6 | 南 | |
| 10 | 30.9 | 33.5 | 24.3 | 28.9 | 28.7 | 0.0 | 10.2 | 24.2 | 6.7 | 96 | 57 | 75 | 0.9 | 1.8 | 南 | |
| 小計 | 290.8 | 335.3 | 230.8 | 283.1 | 278.6 | 17.5 | 79.1 | 212.1 | (48.6) | 986 | 592 | 811 | 6.2 | 13.0 | | |
| 平均 | 29.1 | 33.5 | 23.1 | 28.3 | 27.9 | | 7.9 | 21.2 | (5.4) | 99 | 59 | 81 | 0.6 | 1.3 | | |
| 11 | 31.3 | 34.3 | 22.6 | 28.5 | 28.1 | 0.0 | 10.3 | 25.0 | — | 96 | 55 | 77 | 0.7 | 1.4 | C | |
| 12 | 24.7 | 28.7 | 22.4 | 25.6 | 24.1 | 0.0 | 3.1 | 15.5 | — | 94 | 71 | 85 | 0.8 | 1.2 | 東北東 | |
| 13 | 27.0 | 32.6 | 22.3 | 27.5 | 27.0 | 0.0 | 6.2 | 18.8 | — | 99 | 60 | 81 | 0.6 | 1.1 | 南 | |
| 14 | 29.5 | 33.3 | 23.6 | 28.5 | 27.7 | 0.0 | 6.6 | 19.0 | 5.4 | 96 | 58 | 78 | 0.7 | 1.4 | 南 | |
| 15 | 28.4 | 32.4 | 22.7 | 27.6 | 27.5 | 0.0 | 7.7 | 21.4 | 5.3 | 96 | 59 | 79 | 0.9 | 1.8 | 南 | |
| 16 | 24.7 | 27.6 | 22.0 | 24.8 | 24.3 | 4.5 | 1.1 | 11.6 | 2.5 | 100 | 77 | 90 | 0.8 | 1.3 | 東北東 | |
| 17 | 25.2 | 28.7 | 21.5 | 25.1 | 24.2 | 0.0 | 3.3 | 14.8 | 3.0 | 93 | 73 | 85 | 0.7 | 1.1 | 東 | |
| 18 | 23.1 | 25.1 | 21.4 | 23.3 | 23.3 | 0.0 | 0.0 | 6.5 | 1.4 | 99 | 85 | 92 | 0.7 | 1.2 | 北東 | |
| 19 | 25.8 | 27.0 | 23.3 | 25.2 | 25.0 | 10.0 | 0.0 | 5.9 | 1.6 | 100 | 87 | 95 | 1.3 | 2.4 | 北東 | |
| 20 | 28.6 | 31.2 | 16.7 | 24.0 | 25.5 | 0.5 | 9.3 | 23.3 | 6.7 | 91 | 42 | 64 | 1.1 | 2.1 | 西北西 | |
| 小計 | 288.3 | 300.9 | 218.5 | 259.7 | 256.7 | 15.0 | 47.6 | 161.7 | (25.9) | 964 | 667 | 825 | 8.4 | 15.0 | | |
| 平均 | 26.8 | 30.1 | 21.9 | 26.0 | 25.7 | | 4.8 | 16.2 | | 96 | 67 | 83 | 0.8 | 1.5 | | |
| 21 | 24.1 | 29.0 | 14.5 | 21.8 | 21.8 | 0.0 | 10.0 | 24.7 | 4.9 | 97 | 35 | 67 | 0.5 | 1.1 | C | |
| 22 | 23.3 | 27.1 | 15.8 | 21.5 | 21.5 | 0.0 | 7.3 | 20.9 | 4.8 | 92 | 50 | 69 | 0.5 | 1.1 | C | |
| 23 | 22.0 | 23.7 | 19.5 | 21.6 | 21.0 | 11.0 | 0.0 | 4.5 | 0.9 | 100 | 71 | 86 | 0.4 | 0.7 | C | |
| 24 | 23.3 | 27.3 | 20.2 | 23.8 | 23.8 | 7.5 | 2.2 | 13.6 | 3.3 | 100 | 72 | 89 | 0.5 | 1.0 | C | |
| 25 | 27.0 | 31.1 | 21.5 | 26.3 | 25.3 | 0.0 | 5.1 | 16.2 | 2.7 | 99 | 66 | 85 | 0.5 | 1.2 | C | |
| 26 | 26.1 | 28.2 | 20.3 | 24.3 | 24.4 | 0.0 | 6.6 | 18.4 | 3.5 | 99 | 71 | 86 | 0.7 | 1.3 | 東北東 | |
| 27 | 26.3 | 30.2 | 23.1 | 26.7 | 26.1 | 0.0 | 5.1 | 16.9 | 3.1 | 98 | 69 | 87 | 0.6 | 1.0 | 東北東 | |
| 28 | 29.1 | 32.2 | 24.3 | 28.3 | 27.5 | 0.0 | 4.4 | 14.9 | 3.1 | 99 | 64 | 84 | 0.5 | 1.1 | 南南東 | |
| 29 | 29.1 | 33.9 | 22.9 | 28.4 | 27.6 | 0.0 | 8.3 | 20.5 | 3.7 | 100 | 52 | 80 | 0.5 | 1.1 | C | |
| 30 | 28.5 | 32.9 | 23.4 | 28.2 | 27.4 | 0.0 | 8.8 | 21.3 | 4.0 | 98 | 52 | 79 | 0.6 | 1.3 | 南 | |
| 31 | 28.9 | 32.3 | 22.7 | 27.5 | 27.3 | 0.0 | 8.4 | 21.0 | 3.9 | 99 | 51 | 77 | 0.7 | 1.2 | 南 | |
| 小計 | 287.7 | 327.9 | 228.2 | 278.1 | 273.7 | 18.5 | 66.2 | 192.8 | 37.9 | 1079 | 652 | 890 | 5.9 | 12.1 | | |
| 平均 | 26.2 | 29.8 | 20.7 | 25.3 | 24.9 | | 6.0 | 17.5 | 3.4 | 98 | 59 | 81 | 0.5 | 1.1 | | |
| 合計 | 846.8 | 964.1 | 677.5 | 820.8 | 809.0 | 51.0 | 192.9 | 566.6 | (112.4) | 3029 | 1911 | 2527 | 20.6 | 40.1 | | |
| 平均 | 27.3 | 31.1 | 21.9 | 26.5 | 26.1 | | 6.2 | 18.3 | (4.2) | 98 | 62 | 82 | 0.7 | 1.3 | | |

演習林本部

観測地点：筑波苗畑 2002年 9月

| 日 | 9時気温 ℃ | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 | |
|----|-----------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|-----|-----|
| | | 最高℃ | 最低℃ | | | | | | 平均℃ | 最大 | 最小 | | | | | 日平均 |
| 1 | 29.1 | 32.5 | 22.6 | 27.6 | 0.0 | 8.8 | 21.0 | 4.0 | 98 | 50 | 77 | 0.7 | 1.3 | 南 | | |
| 2 | 29.8 | 33.7 | 22.4 | 28.1 | 0.0 | 7.5 | 19.7 | 4.7 | 98 | 53 | 79 | 0.6 | 1.2 | 南南東 | | |
| 3 | 28.1 | 32.8 | 22.8 | 27.8 | 0.0 | 6.3 | 15.1 | 3.8 | 99 | 48 | 78 | 0.4 | 0.9 | C | | |
| 4 | 28.6 | 32.9 | 23.5 | 28.2 | 0.0 | 6.2 | 16.1 | 4.1 | 97 | 57 | 83 | 0.6 | 1.3 | 東 | | |
| 5 | 26.9 | 28.8 | 20.5 | 24.7 | 0.0 | 6.1 | 18.3 | 3.5 | 95 | 67 | 82 | 0.9 | 1.3 | 東北東 | | |
| 6 | 22.0 | 22.9 | 21.2 | 22.1 | 51.0 | 0.0 | 3.4 | 1.3 | 100 | 90 | 98 | 0.6 | 1.4 | 北東 | | |
| 7 | 22.2 | 23.6 | 21.2 | 22.4 | 17.5 | 0.0 | 4.0 | 7.4 | 100 | 92 | 98 | 0.5 | 0.9 | 北東 | | |
| 8 | 22.7 | 26.7 | 21.5 | 24.1 | 23.0 | 1.3 | 8.7 | 4.4 | 100 | 76 | 93 | 0.4 | 0.8 | C | | |
| 9 | 22.4 | 23.2 | 20.0 | 21.6 | 7.0 | 0.0 | 2.6 | 2.7 | 100 | 95 | 98 | 0.4 | 1.3 | C | | |
| 10 | 23.7 | 25.6 | 19.7 | 22.7 | 0.5 | 1.5 | 11.0 | 6.2 | 100 | 70 | 87 | 0.5 | 1.0 | C | | |
| 小計 | 255.5 | 282.7 | 215.4 | 249.1 | 81.5 | 37.7 | 119.8 | 42.1 | 987 | 699 | 872 | 5.5 | 11.4 | | | |
| 平均 | 25.6 | 28.3 | 21.5 | 24.9 | 24.5 | 3.8 | 12.0 | 4.2 | 99 | 70 | 87 | 0.6 | 1.1 | | | |
| 11 | 24.9 | 30.3 | 19.3 | 24.8 | 0.0 | 8.5 | 18.4 | 2.9 | 98 | 60 | 82 | 0.5 | 1.0 | C | | |
| 12 | 28.2 | 31.4 | 21.4 | 26.4 | 5.5 | 6.8 | 17.8 | 3.7 | 99 | 57 | 81 | 0.6 | 1.4 | C | | |
| 13 | 22.0 | 23.9 | 17.1 | 20.5 | 21.1 | 5.5 | 7.8 | 3.3 | 100 | 78 | 90 | 0.7 | 1.2 | 北東 | | |
| 14 | 17.0 | 18.4 | 16.6 | 17.5 | 17.5 | 0.0 | 2.5 | 2.6 | 96 | 82 | 92 | 0.4 | 1.2 | C | | |
| 15 | 18.1 | 19.9 | 16.8 | 18.4 | 18.2 | 0.5 | 3.3 | 2.1 | 100 | 81 | 91 | 0.3 | 1.0 | C | | |
| 16 | 19.6 | 20.1 | 17.2 | 18.7 | 18.2 | 7.0 | 2.2 | 2.5 | 99 | 87 | 96 | 0.3 | 0.8 | C | | |
| 17 | 18.3 | 20.5 | 17.3 | 18.9 | 18.7 | 4.0 | 2.3 | 2.6 | 100 | 95 | 99 | 0.4 | 1.7 | C | | |
| 18 | 20.4 | 26.8 | 14.7 | 20.8 | 20.1 | 0.0 | 6.6 | 16.9 | 3.4 | 100 | 52 | 83 | 0.4 | 0.7 | C | |
| 19 | 18.7 | 24.9 | 13.8 | 19.4 | 18.1 | 0.0 | 7.5 | 18.2 | 3.0 | 97 | 44 | 77 | 0.4 | 1.1 | C | |
| 20 | 20.2 | 26.2 | 12.0 | 19.1 | 18.5 | 0.0 | 8.4 | 19.4 | 2.9 | 99 | 41 | 78 | 0.4 | 1.1 | C | |
| 小計 | 207.4 | 242.4 | 166.2 | 204.3 | 200.8 | 38.3 | 108.7 | 29.0 | 989 | 675 | 870 | 4.6 | 11.2 | | | |
| 平均 | 20.7 | 24.2 | 16.6 | 20.4 | 20.1 | 3.8 | 10.9 | 2.9 | 99 | 68 | 87 | 0.5 | 1.1 | | | |
| 21 | 20.1 | 25.6 | 13.2 | 19.4 | 19.3 | 0.0 | 5.0 | 13.9 | 2.3 | 98 | 55 | 80 | 0.5 | 1.0 | C | |
| 22 | 20.8 | 21.5 | 15.2 | 18.4 | 18.7 | 6.5 | 4.8 | 1.2 | 95 | 64 | 82 | 0.9 | 1.9 | 北 | | |
| 23 | 18.0 | 22.4 | 15.3 | 18.9 | 18.2 | 2.0 | 1.4 | 7.8 | 1.2 | 98 | 68 | 89 | 0.4 | 0.8 | C | |
| 24 | 18.5 | 23.7 | 13.2 | 18.5 | 17.5 | 0.0 | 7.3 | 17.5 | 2.4 | 99 | 47 | 78 | 0.3 | 0.9 | C | |
| 25 | 19.1 | 24.7 | 11.1 | 17.9 | 17.4 | 0.0 | 6.5 | 15.6 | 2.4 | 98 | 45 | 77 | 0.5 | 1.5 | C | |
| 26 | 19.5 | 21.7 | 13.1 | 17.4 | 17.3 | 0.0 | 3.9 | 12.6 | 2.4 | 97 | 57 | 75 | 0.6 | 1.7 | 北東 | |
| 27 | 18.1 | 19.1 | 13.8 | 16.5 | 16.9 | 0.0 | 0.1 | 4.5 | 1.4 | 94 | 67 | 79 | 0.3 | 0.7 | C | |
| 28 | 16.3 | 18.8 | 15.4 | 17.1 | 17.3 | 30.0 | 0.0 | 2.3 | 7.5 | 100 | 89 | 0.4 | 1.2 | C | | |
| 29 | 20.8 | 26.0 | 17.7 | 21.9 | 21.1 | 0.0 | 2.0 | 10.0 | 2.3 | 98 | 73 | 88 | 0.5 | 1.1 | C | |
| 30 | 19.5 | 21.2 | 17.7 | 19.5 | 19.5 | 1.5 | 0.0 | 2.1 | 0.7 | 98 | 82 | 90 | 0.5 | 1.0 | 北東 | |
| 31 | | | | | | | | | | | | | | | | |
| 小計 | 190.7 | 224.7 | 145.7 | 185.2 | 183.1 | 40.0 | 91.1 | 23.8 | 976 | 645 | 836 | 5.0 | 11.8 | | | |
| 平均 | 19.1 | 22.5 | 14.6 | 18.5 | 18.3 | 2.6 | 9.1 | 2.4 | 98 | 64 | 84 | 0.5 | 1.2 | | | |
| 合計 | 653.6 | 749.8 | 527.3 | 638.6 | 628.5 | 145.5 | 319.6 | 94.9 | 2951 | 2019 | 2578 | 15.2 | 34.4 | | | |
| 平均 | 21.8 | 25.0 | 17.6 | 21.3 | 21.0 | 3.4 | 10.7 | 3.2 | 98 | 67 | 86 | 0.5 | 1.1 | | | |

演習林本部

観測地点：筑波苗畑 2002年 10月

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|--------------|--------------|------|-----|
| | 最高℃ | 最低℃ | 平均℃ | ℃ | | | | | | 最 大 | 最 小 | | | | |
| 1 | 19.4 | 24.2 | 17.5 | 20.9 | 20.1 | 67.0 | 0.0 | 3.1 | 10.0 | 100 | 83 | 96 | 1.1 | 3.9 | 北東 |
| 2 | 24.3 | 29.1 | 17.0 | 23.1 | 22.5 | 0.5 | 7.4 | 16.0 | 8.7 | 98 | 44 | 74 | 0.7 | 1.5 | 南南西 |
| 3 | 21.9 | 25.4 | 16.2 | 20.8 | 20.3 | 0.0 | 2.8 | 10.7 | 1.9 | 97 | 60 | 85 | 0.3 | 1.0 | C |
| 4 | 19.8 | 27.9 | 15.9 | 21.9 | 20.5 | 0.0 | 7.0 | 14.1 | 2.5 | 100 | 46 | 84 | 0.3 | 1.1 | C |
| 5 | 22.5 | 26.2 | 15.0 | 20.6 | 19.7 | 0.0 | 7.2 | 13.9 | 2.4 | 98 | 55 | 81 | 0.5 | 1.1 | 東北東 |
| 6 | 20.4 | 24.5 | 14.0 | 19.3 | 19.9 | 0.0 | 3.6 | 11.1 | 2.4 | 98 | 71 | 87 | 0.4 | 0.9 | C |
| 7 | 23.1 | 27.4 | 19.3 | 23.4 | 22.7 | 9.0 | 2.8 | 9.2 | 2.7 | 98 | 67 | 85 | 1.1 | 1.8 | 南 |
| 8 | 19.8 | 21.0 | 16.3 | 18.7 | 19.0 | 1.0 | 0.0 | 3.8 | 1.2 | 100 | 64 | 83 | 0.3 | 1.0 | C |
| 9 | 16.8 | 19.6 | 14.6 | 17.1 | 16.9 | 3.5 | 0.7 | 7.0 | 2.4 | 100 | 67 | 90 | 0.4 | 1.3 | C |
| 10 | 17.1 | 22.1 | 9.2 | 15.7 | 16.3 | 0.0 | 6.5 | 15.0 | 1.9 | 97 | 41 | 75 | 0.5 | 1.5 | C |
| 小計 | 205.1 | 247.4 | 155.0 | 201.2 | 197.9 | 81.0 | 38.0 | 103.9 | 36.1 | 985 | 599 | 839 | 5.7 | 15.1 | |
| 平均 | 20.5 | 24.7 | 15.5 | 20.1 | 19.8 | | 3.8 | 10.4 | 3.6 | 98 | 60 | 84 | 0.6 | 1.5 | |
| 11 | 15.3 | 19.8 | 7.1 | 13.5 | 12.7 | 0.0 | 6.9 | 14.3 | 1.8 | 97 | 46 | 76 | 0.5 | 1.3 | C |
| 12 | 16.2 | 21.2 | 6.7 | 14.0 | 13.7 | 0.0 | 7.1 | 14.7 | 2.1 | 98 | 52 | 81 | 0.5 | 1.2 | C |
| 13 | 17.5 | 22.7 | 8.9 | 15.8 | 15.3 | 0.0 | 7.1 | 15.1 | 2.1 | 98 | 52 | 79 | 0.6 | 1.5 | 北東 |
| 14 | 17.6 | 24.9 | 9.9 | 17.4 | 16.8 | 0.0 | 7.0 | 14.0 | 2.7 | 98 | 45 | 79 | 0.3 | 0.9 | C |
| 15 | 21.2 | 26.4 | 14.5 | 20.5 | 20.4 | 0.5 | 6.1 | 13.1 | 3.0 | 97 | 48 | 77 | 0.8 | 1.6 | 南 |
| 16 | 18.2 | 24.6 | 11.8 | 18.2 | 17.2 | 8.5 | 6.9 | 14.9 | 3.1 | 100 | 37 | 79 | 0.9 | 3.0 | 南南西 |
| 17 | 17.1 | 23.2 | 10.2 | 16.7 | 16.5 | 0.0 | 6.5 | 13.9 | 2.6 | 97 | 52 | 79 | 0.5 | 1.0 | 東北東 |
| 18 | 16.9 | 22.5 | 14.8 | 18.7 | 17.7 | 0.0 | 0.3 | 5.0 | 1.5 | 100 | 11 | 70 | 0.3 | 0.8 | C |
| 19 | 19.3 | 22.5 | 15.9 | 18.8 | 18.1 | 7.0 | 0.3 | 4.9 | 1.5 | 100 | 82 | 94 | 0.6 | 1.2 | C |
| 20 | 18.1 | 18.7 | 15.1 | 16.9 | 16.6 | 0.0 | 0.0 | 2.4 | 2.5 | 100 | 83 | 92 | 0.9 | 1.6 | 北北東 |
| 小計 | 177.4 | 225.7 | 114.9 | 170.3 | 164.8 | 16.0 | 48.2 | 112.0 | 22.9 | 985 | 507 | 805 | 5.8 | 14.1 | |
| 平均 | 17.7 | 22.6 | 11.5 | 17.0 | 16.5 | | 4.8 | 11.2 | 2.3 | 99 | 51 | 81 | 0.6 | 1.4 | |
| 21 | 14.1 | 15.9 | 12.7 | 14.3 | 14.1 | 26.0 | 0.0 | 1.3 | 7.0 | 100 | 80 | 97 | 1.0 | 2.2 | 北北西 |
| 22 | 15.9 | 20.6 | 10.4 | 15.5 | 15.3 | 0.5 | 6.1 | 12.4 | 2.2 | 100 | 60 | 82 | 0.6 | 1.2 | 東北東 |
| 23 | 15.1 | 17.3 | 12.5 | 14.9 | 14.3 | 0.0 | 2.4 | 8.2 | 1.8 | 88 | 62 | 77 | 0.5 | 0.9 | C |
| 24 | 13.5 | 13.7 | 11.4 | 12.6 | 13.0 | 4.0 | 0.0 | 2.2 | 0.5 | 100 | 91 | 97 | 0.5 | 1.1 | C |
| 25 | 17.0 | 19.5 | 10.7 | 15.1 | 14.8 | 0.0 | 5.9 | 11.6 | 1.6 | 100 | 60 | 87 | 0.4 | 1.1 | C |
| 26 | 13.7 | 13.7 | 11.8 | 12.8 | 12.7 | 7.0 | 0.0 | 1.7 | 2.4 | 100 | 90 | 98 | 0.7 | 1.5 | 西北西 |
| 27 | 16.5 | 20.3 | 9.3 | 14.8 | 14.4 | 0.0 | 6.9 | 13.1 | 2.4 | 100 | 49 | 81 | 0.5 | 1.2 | C |
| 28 | 14.7 | 18.3 | 5.8 | 12.1 | 12.0 | 0.0 | 7.3 | 12.8 | 2.3 | 100 | 34 | 63 | 0.7 | 1.3 | 南西 |
| 29 | 12.2 | 16.0 | 4.9 | 10.5 | 9.8 | 0.0 | 7.2 | 13.6 | 1.7 | 89 | 35 | 61 | 0.7 | 1.6 | 南南西 |
| 30 | 12.8 | 17.1 | 3.5 | 10.3 | 9.7 | 0.0 | 7.3 | 13.4 | 1.6 | 97 | 34 | 69 | 0.6 | 1.7 | C |
| 31 | 12.3 | 15.5 | 2.0 | 8.8 | 9.8 | 0.0 | 7.0 | 11.1 | 1.6 | 99 | 51 | 77 | 0.4 | 1.0 | C |
| 小計 | 157.8 | 187.9 | 95.0 | 141.5 | 140.0 | 37.5 | 50.1 | 101.3 | 25.1 | 1072 | 647 | 891 | 6.6 | 14.8 | |
| 平均 | 14.3 | 17.1 | 8.6 | 12.9 | 12.7 | | 4.6 | 9.2 | 2.3 | 97 | 59 | 81 | 0.6 | 1.3 | |
| 合計 | 540.3 | 661.0 | 364.9 | 513.0 | 502.7 | 134.5 | 136.3 | 317.1 | 84.1 | 3042 | 1752 | 2535 | 18.1 | 44.0 | |
| 平均 | 17.4 | 21.3 | 11.8 | 16.5 | 16.2 | | 4.4 | 10.2 | 2.7 | 98 | 57 | 82 | 0.6 | 1.4 | |

| 日 | 9時氣溫 ℃ | 氣 溫 | | | 日平均氣溫 ℃ | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸發量 mm | 相對濕度% | | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|------|-------|------------|-----------|-----------|-----------------------------|-----------|-------|------|------|--------------|--------------|-----|-----|
| | | 最高℃ | 最低℃ | 平均℃ | | | | | | 最大 | 最小 | 日平均 | | | | |
| 1 | 11.1 | 11.6 | 7.9 | 9.8 | 10.7 | 4.5 | 0.0 | 1.4 | 0.5 | 100 | 85 | 95 | 0.4 | 0.7 | C | |
| 2 | 11.6 | 15.0 | 3.5 | 9.3 | 9.2 | 0.5 | 7.0 | 12.0 | 1.1 | 100 | 31 | 71 | 0.9 | 2.5 | 西北西 | |
| 3 | 9.7 | 15.9 | 0.9 | 8.4 | 7.8 | 0.0 | 7.1 | 12.4 | 1.6 | 98 | 39 | 75 | 0.5 | 1.2 | C | |
| 4 | 10.4 | 15.3 | 1.1 | 8.2 | 6.8 | 0.0 | 6.8 | 12.3 | 1.4 | 98 | 37 | 77 | 0.6 | 1.6 | C | |
| 5 | 7.6 | 13.5 | -0.8 | 6.4 | 5.3 | 0.0 | 7.1 | 12.5 | 1.2 | 99 | 31 | 76 | 0.6 | 1.9 | C | |
| 6 | 10.4 | 13.6 | -0.5 | 6.6 | 5.2 | 0.0 | 5.4 | 10.0 | 1.4 | 98 | 35 | 76 | 0.6 | 2.1 | C | |
| 7 | 5.1 | 10.4 | -0.4 | 5.0 | 5.2 | 0.0 | 0.0 | 3.7 | 0.9 | 98 | 64 | 85 | 0.3 | 0.6 | C | |
| 8 | 11.2 | 13.8 | 2.4 | 8.1 | 8.0 | 0.0 | 1.7 | 5.3 | 1.1 | 100 | 62 | 88 | 0.4 | 0.8 | C | |
| 9 | 11.4 | 13.8 | 0.9 | 7.4 | 8.0 | 0.5 | 4.0 | 9.2 | 1.7 | 99 | 33 | 61 | 1.3 | 3.7 | 西北西 | |
| 10 | 8.5 | 14.3 | 0.0 | 7.2 | 6.6 | 0.0 | 6.5 | 11.7 | 1.4 | 97 | 35 | 68 | 0.6 | 1.6 | C | |
| 小計 | 97.0 | 137.2 | 15.0 | 76.1 | 72.7 | 5.5 | 45.6 | 90.4 | 12.3 | 988 | 450 | 771 | 6.1 | 16.7 | | |
| 平均 | 9.7 | 13.7 | 1.5 | 7.6 | 7.3 | | 4.6 | 9.0 | 1.2 | 99 | 45 | 77 | 0.6 | 1.7 | | |
| 11 | 9.5 | 15.7 | 1.5 | 8.6 | 8.1 | 0.0 | 6.3 | 11.0 | 1.2 | 99 | 48 | 80 | 0.5 | 1.1 | C | |
| 12 | 11.0 | 18.7 | 5.3 | 12.0 | 11.0 | 0.0 | 0.8 | 5.0 | 1.1 | 100 | 73 | 92 | 0.4 | 1.2 | C | |
| 13 | 10.2 | 15.9 | 4.0 | 10.0 | 9.8 | 0.0 | 6.0 | 9.8 | 2.1 | 100 | 37 | 67 | 0.8 | 2.5 | 西北西 | |
| 14 | 9.1 | 13.8 | 0.7 | 7.3 | 7.0 | 0.0 | 6.4 | 10.6 | 1.6 | 90 | 39 | 66 | 0.4 | 1.1 | 南南西 | |
| 15 | 7.5 | 12.6 | 3.8 | 8.2 | 7.4 | 0.0 | 0.4 | 5.8 | 1.5 | 90 | 43 | 70 | 0.5 | 1.3 | C | |
| 16 | 6.9 | 9.9 | 6.9 | 8.4 | 8.0 | 0.0 | 0.0 | 3.3 | 1.0 | 76 | 61 | 70 | 1.0 | 1.4 | 北東 | |
| 17 | 8.6 | 10.9 | 5.5 | 8.2 | 8.5 | 0.0 | 0.0 | 4.6 | 1.1 | 84 | 54 | 70 | 0.7 | 1.5 | 北西 | |
| 18 | 10.7 | 16.7 | 7.3 | 12.0 | 11.3 | 0.0 | 5.9 | 10.0 | 1.4 | 87 | 38 | 62 | 0.8 | 1.8 | 西北西 | |
| 19 | 7.9 | 11.3 | 0.5 | 5.9 | 7.0 | 0.0 | 3.2 | 7.6 | 1.2 | 91 | 42 | 66 | 0.4 | 1.0 | C | |
| 20 | 8.2 | 11.5 | 6.7 | 9.1 | 8.9 | 0.0 | 0.0 | 2.7 | 1.0 | 95 | 66 | 76 | 0.4 | 0.9 | C | |
| 小計 | 89.6 | 137.0 | 42.2 | 89.6 | 87.0 | 0.0 | 29.0 | 70.3 | 13.2 | 913 | 501 | 719 | 5.8 | 13.8 | | |
| 平均 | 9.0 | 13.7 | 4.2 | 9.0 | 8.7 | | 2.9 | 7.0 | 1.3 | 91 | 50 | 72 | 0.6 | 1.4 | | |
| 21 | 9.1 | 14.4 | 4.8 | 9.6 | 8.9 | 0.0 | 0.5 | 5.9 | 1.4 | 96 | 59 | 78 | 0.4 | 1.0 | C | |
| 22 | 7.1 | 8.0 | 4.4 | 6.2 | 6.4 | 0.0 | 0.0 | 1.9 | 1.1 | 80 | 53 | 64 | 0.7 | 1.2 | 北東 | |
| 23 | 6.2 | 10.8 | 4.2 | 7.5 | 8.0 | 0.0 | 0.4 | 5.1 | 1.0 | 89 | 62 | 76 | 0.7 | 1.5 | 北東 | |
| 24 | 10.4 | 14.8 | 7.6 | 11.2 | 10.4 | 0.0 | 0.8 | 4.9 | 1.3 | 90 | 65 | 79 | 0.8 | 1.7 | 北東 | |
| 25 | 10.1 | 11.4 | 8.0 | 9.7 | 10.1 | 14.0 | 0.0 | 1.3 | 0.4 | 100 | 85 | 96 | 0.7 | 1.6 | 北西 | |
| 26 | 9.8 | 15.2 | 3.3 | 9.3 | 10.1 | 3.5 | 2.6 | 7.1 | 1.1 | 100 | 33 | 71 | 1.0 | 2.6 | 西北西 | |
| 27 | 6.4 | 12.8 | -0.7 | 6.1 | 6.5 | 0.0 | 5.7 | 8.9 | 1.1 | 96 | 42 | 63 | 0.9 | 1.8 | 西北西 | |
| 28 | 8.6 | 12.2 | 0.7 | 6.5 | 6.7 | 0.0 | 5.8 | 9.7 | 0.9 | 87 | 32 | 55 | 1.1 | 2.1 | 南南西 | |
| 29 | 7.0 | 12.1 | -1.8 | 5.2 | 4.4 | 0.0 | 5.6 | 8.7 | 0.6 | 100 | 35 | 73 | 0.3 | 0.9 | C | |
| 30 | 4.7 | 13.7 | 1.5 | 7.6 | 7.2 | 0.0 | 2.6 | 6.2 | 0.8 | 99 | 52 | 82 | 0.6 | 1.3 | 南南西 | |
| 31 | | | | | | | | | | | | | | | | |
| 小計 | 79.4 | 125.4 | 32.0 | 78.7 | 78.6 | 17.5 | 24.0 | 59.6 | 9.7 | 936 | 518 | 738 | 7.3 | 15.7 | | |
| 平均 | 7.9 | 12.5 | 3.2 | 7.9 | 7.9 | | 2.4 | 6.0 | 1.0 | 94 | 52 | 74 | 0.7 | 1.6 | | |
| 合計 | 266.0 | 399.6 | 89.2 | 244.4 | 238.4 | 23.0 | 98.6 | 220.3 | 35.2 | 2837 | 1469 | 2228 | 19.2 | 46.2 | | |
| 平均 | 8.9 | 13.3 | 3.0 | 8.1 | 7.9 | | 3.3 | 7.3 | 1.2 | 95 | 49 | 74 | 0.6 | 1.5 | | |

演習林本部

観測地点：筑波苗畑 2002年 12月

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | | 降水量 mm | 日照時間 h | 水平面日射量 MJ・m ² | 蒸発量 mm | 相対湿度% | | 日平均風速 m/s | 日最大風速 m/s | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|------|-----------|-----------|-----------------------------|-----------|-------|------|--------------|--------------|-----|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | | | | 最 大 | 最 小 | | | | |
| 1 | 9.9 | 9.9 | 7.4 | 8.7 | 8.7 | 1.5 | 0.0 | 1.6 | 0.8 | 100 | 69 | 86 | 1.1 | 1.7 | 北東 | |
| 2 | 8.1 | 13.2 | 3.8 | 8.5 | 8.1 | 0.0 | 5.2 | 8.1 | 0.6 | 100 | 56 | 86 | 0.7 | 1.4 | 西北西 | |
| 3 | 5.5 | 13.1 | 0.4 | 6.8 | 6.3 | 0.5 | 3.9 | 8.0 | 0.8 | 100 | 52 | 86 | 0.3 | 1.2 | C | |
| 4 | 7.7 | 9.5 | 6.0 | 7.8 | 8.1 | 19.0 | 0.0 | 1.3 | 3.0 | 100 | 90 | 99 | 0.5 | 1.8 | C | |
| 5 | 10.3 | 16.0 | 4.7 | 10.4 | 9.4 | 0.0 | 2.7 | 6.6 | 3.2 | 100 | 67 | 94 | 0.3 | 1.2 | C | |
| 6 | 10.5 | 12.5 | 5.1 | 8.8 | 8.5 | 0.0 | 3.2 | 6.7 | 1.6 | 100 | 52 | 76 | 0.5 | 0.9 | C | |
| 7 | 5.8 | 6.5 | 2.3 | 4.4 | 4.9 | 13.5 | 0.0 | 1.1 | 0.2 | 100 | 60 | 83 | 0.7 | 1.4 | 北東 | |
| 8 | 4.7 | 6.3 | 1.3 | 3.8 | 4.4 | 0.5 | 0.0 | 2.4 | — | 100 | 67 | 82 | 1.1 | 1.6 | 北東 | |
| 9 | 0.4 | 1.4 | 0.2 | 0.8 | 0.6 | 14.0 | 0.0 | 2.2 | 5.1 | 100 | 96 | 99 | 0.6 | 1.6 | C | |
| 10 | 1.4 | 5.3 | -1.3 | 2.0 | 1.4 | 0.5 | 2.0 | 5.6 | 4.5 | 100 | 79 | 96 | 0.6 | 1.3 | 西北西 | |
| 小計 | 64.3 | 93.7 | 29.9 | 61.8 | 60.3 | 49.5 | 17.0 | 43.5 | 19.8 | 1000 | 687 | 888 | 6.5 | 14.1 | | |
| 平均 | 6.4 | 9.4 | 3.0 | 6.2 | 6.0 | 6.0 | 1.7 | 4.4 | 2.2 | 100 | 69 | 89 | 0.7 | 1.4 | | |
| 11 | 0.8 | 6.1 | -4.3 | 0.9 | 0.2 | 0.0 | 5.6 | 9.3 | 1.4 | 98 | 47 | 83 | 0.4 | 0.9 | C | |
| 12 | 1.1 | 7.6 | -4.1 | 1.8 | 0.7 | 0.0 | 5.0 | 8.4 | 2.4 | 98 | 47 | 83 | 0.5 | 1.0 | C | |
| 13 | 1.7 | 7.4 | -3.4 | 2.0 | 0.8 | 0.0 | 5.4 | 9.2 | 1.9 | 98 | 40 | 76 | 0.7 | 1.6 | 西北西 | |
| 14 | 0.7 | 5.5 | -6.2 | -0.4 | -1.0 | 0.0 | 5.6 | 9.2 | 5.9 | 96 | 40 | 77 | 0.3 | 0.9 | C | |
| 15 | 0.5 | 6.4 | -4.9 | 0.8 | -0.2 | 0.0 | 3.8 | 6.6 | 3.7 | 96 | 52 | 83 | 0.3 | 0.9 | C | |
| 16 | 2.5 | 10.4 | -3.2 | 3.6 | 3.6 | 0.0 | 4.6 | 7.2 | 5.5 | 97 | 54 | 83 | 0.4 | 0.9 | C | |
| 17 | 11.0 | 12.4 | -1.0 | 5.7 | 6.5 | 5.5 | 5.4 | 8.7 | 6.8 | 100 | 36 | 72 | 1.2 | 3.4 | 西 | |
| 18 | 3.2 | 8.7 | -1.5 | 3.6 | 2.8 | 0.0 | 1.3 | 4.0 | 2.9 | 100 | 57 | 81 | 0.5 | 1.2 | C | |
| 19 | 4.0 | 9.8 | -0.7 | 4.6 | 5.3 | 0.0 | 0.0 | 2.6 | 1.3 | 100 | 68 | 84 | 0.5 | 1.5 | C | |
| 20 | 3.8 | 8.2 | -0.7 | 3.8 | 3.7 | 0.0 | 1.9 | 4.6 | 0.5 | 98 | 56 | 80 | 0.3 | 0.9 | C | |
| 小計 | 29.3 | 82.5 | -30.0 | 26.3 | 22.4 | 5.5 | 38.6 | 69.8 | 32.3 | 980 | 495 | 802 | 5.0 | 13.2 | | |
| 平均 | 2.9 | 8.3 | -3.0 | 2.6 | 2.2 | 2.2 | 3.9 | 7.0 | 3.2 | 98 | 49 | 80 | 0.5 | 1.3 | | |
| 21 | 3.1 | 4.2 | -0.8 | 1.7 | 2.4 | 21.0 | 0.0 | 0.4 | 1.0 | 100 | 81 | 94 | 0.7 | 1.2 | 西北西 | |
| 22 | 6.9 | 8.1 | 3.4 | 5.8 | 5.7 | 0.5 | 0.1 | 4.0 | 4.7 | 100 | 62 | 81 | 0.8 | 1.5 | 北東 | |
| 23 | 4.1 | 7.7 | -2.0 | 2.9 | 2.7 | 0.0 | 3.7 | 7.4 | 5.4 | 96 | 44 | 75 | 0.4 | 1.4 | C | |
| 24 | 3.3 | 6.6 | 0.9 | 3.8 | 4.0 | 0.0 | 0.0 | 2.0 | 1.8 | 95 | 73 | 85 | 0.3 | 0.8 | C | |
| 25 | 0.9 | 9.7 | -1.1 | 4.3 | 4.0 | 0.0 | 2.5 | 6.8 | 1.8 | 100 | 67 | 88 | 0.8 | 1.9 | 西北西 | |
| 26 | 4.2 | 6.6 | -0.8 | 2.9 | 3.3 | 0.0 | 5.4 | 9.1 | 1.4 | 87 | 30 | 48 | 1.4 | 2.5 | 西南西 | |
| 27 | 3.0 | 5.6 | -4.2 | 0.7 | 1.0 | 0.0 | 5.1 | 8.7 | 2.8 | 76 | 29 | 50 | 1.4 | 3.6 | 西北西 | |
| 28 | 0.0 | 5.0 | -6.0 | -0.5 | -1.3 | 0.0 | 3.6 | 7.5 | 2.4 | 93 | 46 | 74 | 0.4 | 1.2 | C | |
| 29 | 1.1 | 9.0 | -4.5 | 2.3 | 2.1 | 0.0 | 5.6 | 8.9 | — | 91 | 28 | 58 | 1.3 | 3.4 | 西北西 | |
| 30 | 0.8 | 7.9 | -5.7 | 1.1 | 0.2 | 0.0 | 5.5 | 8.6 | — | 90 | 36 | 70 | 0.3 | 0.9 | C | |
| 31 | 0.3 | 7.9 | -4.8 | 1.6 | 2.3 | 0.0 | 5.1 | 8.5 | — | 93 | 51 | 71 | 0.9 | 1.9 | 東北東 | |
| 小計 | 27.7 | 78.3 | -25.6 | 26.4 | 26.4 | 21.5 | 36.6 | 71.7 | (21.3) | 1020 | 547 | 793 | 8.7 | 20.3 | | |
| 平均 | 2.5 | 7.1 | -2.3 | 2.4 | 2.4 | 2.4 | 3.3 | 6.5 | (2.7) | 93 | 50 | 72 | 0.8 | 1.8 | | |
| 合計 | 121.3 | 254.5 | -25.7 | 114.4 | 109.1 | 76.5 | 92.2 | 185.0 | (73.4) | 3000 | 1728 | 2484 | 20.2 | 47.6 | | |
| 平均 | 3.9 | 8.2 | -0.8 | 3.7 | 3.5 | 3.0 | 3.0 | 6.0 | (2.7) | 97 | 56 | 80 | 0.7 | 1.5 | | |