

資 料

筑波大学農林技術センター演習林気象報告

ー井川演習林の気象データ (2005年)ー

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はじめに

農林技術センター井川演習林では1967年より総合気象観測装置による気象観測業務を実施し、1983年分からは月報を毎年演習林報告に掲載している。観測項目は、自記記録計を用いていた初期には気温、湿度、降水量、日照時間、風向、風速の6要素であったが、1990年より日照に代わって日射量を記録している。2002年5月24日にセンサーとデータログをドイツ Lufft 社の OPUS II システム（代理店有限会社セネコム）に更新した（演習林報告21号, p.81）。

現在井川演習林では過去の気象観測データのデータベース化を始めている。データベース化に先駆けて、過去のデータのチェック作業を一部行ったところ、演習林報告に掲載されている過去の気象データに次の2点の誤りを発見した。

1. 2000年～2004年までの風向データが誤っている。データログに記録された1時間ごとの風向データから1日の平均値を出す過程での算出法の誤りが原因である。これら以外の年にも同様の誤りのある可能性がある。
2. 2004年の各観測項目の値が、本来は対象とする日の1:00～24:00までの24個の時間間隔データに基づかないとならないところを、0:00～23:00までのデータを基に算出していた。

現在データの見直し作業を継続中であり、作業が終了したのちに Web サイト等で訂正後のデータを公開する予定である。

今回は、2005年1月から12月までの1年間の観測資料を取りまとめたので報告する。観測データの回収は藤岡が担当し、月報の作成は今泉が担当した。OPUS II による降水量の記録が前年から引き続き不調であるので、Onset 社の HOBO イベントログで降水量を記録した（観測期間：6月9日～12月1日）。気温と湿度については、欠測発生に備えて、温湿度計と同一百葉箱内で HOBO H8 Pro による観測を並行して行っているが、今年度は OPUS II による気温・湿度の観測に欠測がなかったため、本報告では HOBO H8 Pro により得られたデータは示されていない。さらに、前年から欠測が続いていた風向・風速観測は、12月1日に行われた代理店担当者によるメンテナンスの結果、問題が解決され、観測が再開された。12月1日10:00の観測は、そのメンテナンスに伴い全観測項目が欠測となっている。

観測場所および取りまとめ方針等は次に示すとおりである。

I 観測場所

井川演習林：静岡県静岡市葵区田代字東河内1246-1

東経 138° 13.6' , 北緯 35° 19.9' , 標高1,175m

※2002年測量法改正による世界測地系に基づく値

II 観測機器

| 項 目 | センサー | ロガ | サンプル方法 |
|-------|-----------------------|-----------------------|--------|
| 気温・湿度 | 8150.TFF10 (Lufft 社) | OPUS II (Lufft 社) | 1 時間平均 |
| 気温・湿度 | HOBO H8 Pro (Onset 社) | HOBO H8 Pro (Onset 社) | 1 時間平均 |
| 降 水 量 | 転倒マス型0.5mm / パルス | HOBO H07 (Onset 社) | 1 時間積算 |
| 日 射 | 8346.OP | OPUS II (Lufft 社) | 1 時間平均 |
| 風向・風速 | セパレート型風向風速計 | OPUS II (Lufft 社) | ベクトル平均 |

III 気象月報取りまとめ方法

1) 日 界：24時

2) 気 温

最 高：当日の毎正時の最大値

最 低：当日の毎正時の最小値

平 均：最高と最低の算術平均値

日平均：当日毎正時の値の算術平均値

3) 相対湿度

最 高：当日の毎正時の最大値

最 低：当日の毎正時の最小値

日平均：当日毎正時の値の算術平均値

4) 降 水 量

当日の日合計値

5) 日 射 量

当日の日合計値をメガジュール (MJ/m²) 単位に変換。

6) 風 向

毎正時の値の算術平均値を16方位で表示。

7) 風 速

日平均：当日毎正時の値の算術平均値

日最大：当日の毎正時の最大値

IV データログのデータ回収はパソコンによる

V 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) 日平均は、20% 以上記録が欠けている場合は欠測とし、「－」の記号を記入
- 3) 旬、月合計・平均は20% 以上記録が欠けている場合は「－」の記号を記入、それ以下
の場合は欠測日を除いた日による合計値・平均値を記入し、観測日数を（ ）内に記入

井川演習林

2005年 1月 気象月報

観測地点：総合気象 I

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|------|--------|-------|------------|-----------|-----------------------------|--------|--------|--------|--------|-----|-----|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | 最 大 | 最 小 | 日平均 | 日平均 | 日最大 | | |
| 1 | -3.0 | 0.6 | -8.2 | -3.8 | -3.6 | - | 8.2 | 68.5 | 26.5 | 48.6 | - | - | - | |
| 2 | -8.3 | 2.8 | -8.8 | -3.0 | -4.9 | - | 7.8 | 60.5 | 23.5 | 45.8 | - | - | - | |
| 3 | -2.8 | 5.3 | -6.7 | -0.7 | -0.1 | - | 7.3 | 56.5 | 27.0 | 41.3 | - | - | - | |
| 4 | 4.7 | 7.2 | -2.1 | 2.6 | 2.8 | - | 7.5 | 88.0 | 33.5 | 54.2 | - | - | - | |
| 5 | -6.1 | 2.9 | -6.1 | -1.6 | -2.8 | - | 7.8 | 66.0 | 28.5 | 46.5 | - | - | - | |
| 6 | -2.8 | 0.8 | -5.7 | -2.5 | -1.9 | - | 1.3 | 91.5 | 67.0 | 82.2 | - | - | - | |
| 7 | 2.0 | 4.5 | -2.2 | 1.2 | 1.2 | - | 5.9 | 86.0 | 38.0 | 55.6 | - | - | - | |
| 8 | -4.8 | 3.6 | -5.4 | -0.9 | -2.6 | - | 8.1 | 64.5 | 25.0 | 49.4 | - | - | - | |
| 9 | -2.3 | 3.0 | -6.0 | -1.5 | -2.7 | - | 8.8 | 61.0 | 29.0 | 42.6 | - | - | - | |
| 10 | -7.2 | 0.2 | -7.4 | -3.6 | -4.3 | - | 8.8 | 56.0 | 29.0 | 43.0 | - | - | - | |
| 小計 | -30.6 | 30.9 | -58.6 | -13.9 | -18.8 | - | 71.6 | 698.5 | 327.0 | 509.2 | - | - | - | |
| 平均 | -3.1 | 3.1 | -5.9 | -1.4 | -1.9 | - | 7.2 | 69.9 | 32.7 | 50.9 | - | - | - | |
| 11 | -4.9 | -2.8 | -5.2 | -4.0 | -3.9 | - | 3.2 | 67.5 | 44.0 | 53.9 | - | - | - | |
| 12 | -4.2 | -2.5 | -7.5 | -5.0 | -4.7 | - | 4.2 | 62.0 | 30.0 | 46.0 | - | - | - | |
| 13 | -6.8 | 5.0 | -7.4 | -1.2 | -3.1 | - | 8.1 | 52.5 | 22.5 | 41.5 | - | - | - | |
| 14 | -5.3 | 4.4 | -5.7 | -0.7 | -1.6 | - | 6.6 | 79.5 | 31.5 | 54.4 | - | - | - | |
| 15 | 0.4 | 2.1 | -1.4 | 0.4 | 0.3 | - | 0.7 | 91.5 | 84.5 | 88.9 | - | - | - | |
| 16 | -0.1 | 5.4 | -2.6 | 1.4 | 0.3 | - | 3.3 | 91.5 | 67.5 | 83.6 | - | - | - | |
| 17 | -2.0 | 3.3 | -4.2 | -0.5 | -1.2 | - | 6.8 | 80.0 | 29.0 | 58.4 | - | - | - | |
| 18 | -5.3 | 4.6 | -5.8 | -0.6 | -1.7 | - | 8.6 | 78.5 | 39.0 | 59.5 | - | - | - | |
| 19 | -4.0 | 4.5 | -4.0 | 0.3 | -0.8 | - | 7.8 | 80.0 | 33.5 | 60.6 | - | - | - | |
| 20 | -2.3 | -0.8 | -4.8 | -2.8 | -2.7 | - | 3.4 | 67.5 | 20.5 | 42.4 | - | - | - | |
| 小計 | -34.5 | 23.2 | -48.6 | -12.7 | -19.1 | - | 52.8 | 750.5 | 402.0 | 589.1 | - | - | - | |
| 平均 | -3.5 | 2.3 | -4.9 | -1.3 | -1.9 | - | 5.3 | 75.1 | 40.2 | 58.9 | - | - | - | |
| 21 | -5.0 | 0.0 | -7.8 | -3.9 | -4.7 | - | 8.4 | 85.0 | 23.0 | 55.2 | - | - | - | |
| 22 | -6.5 | 4.3 | -7.6 | -1.7 | -3.2 | - | 8.6 | 61.5 | 32.0 | 46.4 | - | - | - | |
| 23 | -2.9 | -0.6 | -4.4 | -2.5 | -2.2 | - | 1.9 | 90.0 | 63.5 | 78.0 | - | - | - | |
| 24 | -4.1 | 3.1 | -4.2 | -0.6 | -0.1 | - | 4.3 | 89.5 | 41.5 | 71.6 | - | - | - | |
| 25 | 0.1 | 6.9 | -0.2 | 3.4 | 2.4 | - | 7.0 | 91.0 | 38.5 | 60.9 | - | - | - | |
| 26 | -0.5 | 0.2 | -4.6 | -2.2 | -1.3 | - | 1.2 | 93.5 | 81.5 | 88.9 | - | - | - | |
| 27 | -5.3 | 2.9 | -6.5 | -1.8 | -2.3 | - | 7.6 | 82.5 | 37.0 | 62.0 | - | - | - | |
| 28 | -1.8 | 7.1 | -2.5 | 2.3 | 0.8 | - | 8.5 | 77.0 | 27.5 | 46.2 | - | - | - | |
| 29 | -1.6 | 3.1 | -2.8 | 0.2 | 0.1 | - | 2.2 | 91.0 | 50.5 | 70.5 | - | - | - | |
| 30 | -0.1 | 4.2 | -3.2 | 0.5 | 0.2 | - | 9.3 | 83.0 | 15.0 | 38.5 | - | - | - | |
| 31 | -3.8 | -1.3 | -6.8 | -4.1 | -4.2 | - | 6.0 | 73.0 | 29.5 | 50.7 | - | - | - | |
| 小計 | -31.5 | 29.9 | -50.6 | -10.4 | -14.5 | - | 64.9 | 917.0 | 439.5 | 668.9 | - | - | - | |
| 平均 | -2.9 | 2.7 | -4.6 | -0.9 | -1.3 | - | 5.9 | 83.4 | 40.0 | 60.8 | - | - | - | |
| 合計 | -96.6 | 84.0 | -157.8 | -36.9 | -52.5 | - | 189.3 | 2366.0 | 1168.5 | 1767.2 | - | - | - | |
| 平均 | -3.1 | 2.7 | -5.1 | -1.2 | -1.7 | - | 6.1 | 76.3 | 37.7 | 57.0 | - | - | - | |

| 日 | 9時気温 ℃ | 気温 | | | 平均℃ | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|-------|--------|------|-------|------------|-----------|-----------------------------|--------|-------|--------|--------|-----|-----|-----|
| | | 最高℃ | 最低℃ | 最高℃ | | | | | 最 大 | 最 小 | 日平均 | 日平均 | 日最大 | | |
| 1 | -8.1 | -5.0 | -9.3 | -7.2 | -8.0 | -8.0 | - | 4.0 | 80.5 | 48.5 | 63.6 | - | - | - | |
| 2 | -7.8 | -1.2 | -9.7 | -5.5 | -6.4 | -6.4 | - | 2.8 | 86.5 | 37.0 | 58.8 | - | - | - | |
| 3 | -6.4 | 0.1 | -7.2 | -3.6 | -4.5 | -4.5 | - | 8.8 | 52.0 | 21.5 | 42.5 | - | - | - | |
| 4 | -4.2 | 5.3 | -5.6 | -0.2 | -0.7 | -0.7 | - | 9.0 | 50.0 | 26.5 | 37.5 | - | - | - | |
| 5 | 1.6 | 5.9 | -1.3 | 2.3 | 2.0 | 2.0 | - | 10.4 | 44.5 | 8.0 | 19.1 | - | - | - | |
| 6 | -4.6 | 4.6 | -5.2 | -0.3 | -1.3 | -1.3 | - | 8.7 | 72.5 | 16.5 | 53.1 | - | - | - | |
| 7 | -2.5 | 4.1 | -3.5 | 0.3 | -0.5 | -0.5 | - | 7.3 | 86.0 | 56.0 | 72.0 | - | - | - | |
| 8 | 0.8 | 2.9 | -0.6 | 1.2 | 1.0 | 1.0 | - | 1.8 | 92.0 | 86.5 | 89.3 | - | - | - | |
| 9 | 0.0 | 7.8 | -1.4 | 3.2 | 2.1 | 2.1 | - | 9.9 | 88.5 | 55.5 | 73.8 | - | - | - | |
| 10 | 5.6 | 8.0 | -0.9 | 3.6 | 3.7 | 3.7 | - | 5.4 | 92.0 | 16.0 | 54.7 | - | - | - | |
| 小計 | -25.6 | 32.5 | -44.7 | -6.1 | -12.7 | -12.7 | - | 67.9 | 744.5 | 372.0 | 564.2 | - | - | - | |
| 平均 | -2.6 | 3.3 | -4.5 | -0.6 | -1.3 | -1.3 | - | 6.8 | 74.5 | 37.2 | 56.4 | - | - | - | |
| 11 | -3.7 | 3.1 | -3.7 | -0.3 | -1.5 | -1.5 | - | 10.3 | 46.0 | 17.5 | 30.4 | - | - | - | |
| 12 | -5.6 | 3.1 | -6.2 | -1.6 | -2.7 | -2.7 | - | 6.9 | 85.0 | 32.5 | 55.3 | - | - | - | |
| 13 | -5.4 | 1.4 | -6.7 | -2.7 | -3.0 | -3.0 | - | 6.0 | 79.5 | 27.5 | 54.0 | - | - | - | |
| 14 | -5.3 | 5.6 | -5.8 | -0.1 | -1.6 | -1.6 | - | 10.4 | 79.0 | 26.5 | 52.1 | - | - | - | |
| 15 | 2.2 | 11.7 | -3.1 | 4.3 | 3.5 | 3.5 | - | 10.9 | 75.5 | 13.0 | 32.5 | - | - | - | |
| 16 | 0.5 | 8.4 | -0.9 | 3.8 | 2.4 | 2.4 | - | 1.4 | 93.5 | 56.0 | 85.4 | - | - | - | |
| 17 | 4.1 | 8.6 | 2.3 | 5.5 | 5.1 | 5.1 | - | 4.3 | 92.0 | 56.0 | 83.0 | - | - | - | |
| 18 | 0.6 | 5.3 | -1.7 | 1.8 | 1.1 | 1.1 | - | 3.8 | 92.5 | 72.5 | 86.0 | - | - | - | |
| 19 | 0.7 | 2.8 | -1.4 | 0.7 | 1.1 | 1.1 | - | 2.5 | 94.0 | 87.5 | 91.7 | - | - | - | |
| 20 | 2.6 | 8.0 | -2.4 | 2.8 | 2.3 | 2.3 | - | 11.5 | 93.0 | 12.0 | 59.8 | - | - | - | |
| 小計 | -9.3 | 58.0 | -29.6 | 14.2 | 6.7 | 6.7 | - | 68.0 | 830.0 | 401.0 | 629.9 | - | - | - | |
| 平均 | -0.9 | 5.8 | -3.0 | 1.4 | 0.7 | 0.7 | - | 6.8 | 83.0 | 40.1 | 63.0 | - | - | - | |
| 21 | -5.8 | 2.6 | -6.7 | -2.1 | -3.2 | -3.2 | - | 11.9 | 47.0 | 15.5 | 33.6 | - | - | - | |
| 22 | -6.0 | 4.8 | -7.6 | -1.4 | -2.5 | -2.5 | - | 12.0 | 53.0 | 10.5 | 33.2 | - | - | - | |
| 23 | 1.1 | 4.5 | -3.7 | 0.4 | 1.0 | 1.0 | - | 8.3 | 80.5 | 29.5 | 45.4 | - | - | - | |
| 24 | 4.2 | 5.1 | 0.1 | 2.6 | 2.6 | 2.6 | - | 6.1 | 89.0 | 22.0 | 49.3 | - | - | - | |
| 25 | 1.1 | 6.7 | -2.1 | 2.3 | 1.6 | 1.6 | - | 11.7 | 91.0 | 29.0 | 64.9 | - | - | - | |
| 26 | -3.8 | 2.3 | -7.1 | -2.4 | -2.6 | -2.6 | - | 12.5 | 52.0 | 21.5 | 35.4 | - | - | - | |
| 27 | -8.4 | 2.6 | -9.5 | -3.5 | -4.6 | -4.6 | - | 12.1 | 77.0 | 29.0 | 49.9 | - | - | - | |
| 28 | -5.4 | 6.2 | -6.2 | 0.0 | -1.7 | -1.7 | - | 12.2 | 76.0 | 8.5 | 53.7 | - | - | - | |
| 小計 | -23.0 | 34.8 | -42.8 | -4.0 | -9.3 | -9.3 | - | 86.9 | 565.5 | 165.5 | 365.4 | - | - | - | |
| 平均 | -2.9 | 4.4 | -5.4 | -0.5 | -1.2 | -1.2 | - | 10.9 | 70.7 | 20.7 | 45.7 | - | - | - | |
| 合計 | -57.9 | 125.3 | -117.1 | 4.1 | -15.3 | -15.3 | - | 222.8 | 2140.0 | 938.5 | 1559.5 | - | - | - | |
| 平均 | -2.1 | 4.5 | -4.2 | 0.1 | -0.5 | -0.5 | - | 8.0 | 76.4 | 33.5 | 55.7 | - | - | - | |

井川演習林

2005年 3月 氣象月報

觀測地点：綜合氣象 I

| 日 | 9時氣溫 | | 氣溫 | | 日平均氣溫 | 降水量 mm | 水平面日射量 MJ/m ² | 相對濕度% | | 風速 m/s | 風向 | 記 事 |
|----|------|-------|-------|------|-------|-----------|-----------------------------|--------|--------|--------|----|-----|
| | 最高℃ | 最低℃ | 平均℃ | 平均℃ | | | | 最大 | 最小 | 日平均 | | |
| 1 | -3.7 | 4.1 | -5.3 | -0.6 | -1.8 | - | 11.6 | 75.5 | 43.5 | 60.9 | - | - |
| 2 | -3.4 | 2.7 | -6.0 | -1.7 | -1.9 | - | 9.1 | 60.5 | 24.0 | 39.1 | - | - |
| 3 | 0.9 | 4.5 | -2.1 | 1.2 | 0.1 | - | 6.5 | 89.0 | 27.5 | 54.8 | - | - |
| 4 | -1.1 | 1.4 | -3.1 | -0.9 | -0.9 | - | 1.8 | 92.5 | 78.0 | 87.5 | - | - |
| 5 | -4.8 | -0.4 | -6.1 | -3.3 | -3.6 | - | 3.4 | 91.0 | 61.5 | 81.4 | - | - |
| 6 | -5.7 | 0.7 | -7.3 | -3.3 | -3.4 | - | 3.7 | 86.5 | 63.5 | 79.3 | - | - |
| 7 | -5.3 | 8.5 | -7.1 | 0.7 | -1.1 | - | 13.5 | 79.0 | 33.5 | 53.0 | - | - |
| 8 | 3.8 | 11.0 | -1.4 | 4.8 | 4.9 | - | 12.6 | 41.5 | 9.5 | 23.0 | - | - |
| 9 | 5.4 | 12.2 | 3.8 | 8.0 | 6.6 | - | 12.4 | 48.0 | 22.0 | 33.5 | - | - |
| 10 | 4.2 | 11.9 | 2.1 | 7.0 | 5.7 | - | 12.2 | 90.0 | 23.0 | 54.2 | - | - |
| 小計 | -9.7 | 56.6 | -32.5 | 12.1 | 4.6 | - | 86.8 | 753.5 | 386.0 | 566.7 | - | - |
| 平均 | -1.0 | 5.7 | -3.3 | 1.2 | 0.5 | - | 8.7 | 75.4 | 38.6 | 56.7 | - | - |
| 11 | 5.6 | 7.9 | 4.4 | 6.2 | 5.5 | - | 1.8 | 92.5 | 64.0 | 87.4 | - | - |
| 12 | 2.6 | 7.2 | -4.5 | 1.4 | 1.7 | - | 9.5 | 56.5 | 29.0 | 38.9 | - | - |
| 13 | -5.7 | -0.6 | -7.3 | -4.0 | -5.1 | - | 11.5 | 67.0 | 18.0 | 41.0 | - | - |
| 14 | -6.3 | 0.5 | -8.2 | -3.9 | -4.7 | - | 9.1 | 58.0 | 21.5 | 42.1 | - | - |
| 15 | -3.7 | 5.8 | -7.6 | -0.9 | -1.6 | - | 11.0 | 89.5 | 29.5 | 53.4 | - | - |
| 16 | 3.7 | 12.3 | -0.5 | 5.9 | 4.9 | - | 13.8 | 90.5 | 7.5 | 43.1 | - | - |
| 17 | 3.2 | 10.0 | 1.1 | 5.6 | 5.3 | - | 1.2 | 93.5 | 42.0 | 74.5 | - | - |
| 18 | 4.3 | 9.9 | -2.3 | 3.8 | 4.2 | - | 13.6 | 65.0 | 17.0 | 34.9 | - | - |
| 19 | -2.4 | 6.9 | -3.8 | 1.6 | 0.2 | - | 13.2 | 70.0 | 22.0 | 41.5 | - | - |
| 20 | -0.6 | 6.7 | -2.7 | 2.0 | 1.0 | - | 9.2 | 61.5 | 12.0 | 49.3 | - | - |
| 小計 | 0.7 | 66.6 | -31.4 | 17.6 | 11.3 | - | 93.9 | 744.0 | 262.5 | 506.0 | - | - |
| 平均 | 0.1 | 6.7 | -3.1 | 1.8 | 1.1 | - | 9.4 | 74.4 | 26.3 | 50.6 | - | - |
| 21 | -0.3 | 11.5 | -1.5 | 5.0 | 3.3 | - | 13.9 | 72.0 | 22.0 | 48.3 | - | - |
| 22 | 2.5 | 6.3 | -0.5 | 2.9 | 2.6 | - | 1.5 | 93.0 | 54.0 | 79.4 | - | - |
| 23 | 9.6 | 9.6 | 5.4 | 7.5 | 7.7 | - | 2.2 | 94.5 | 88.0 | 92.5 | - | - |
| 24 | 2.1 | 6.9 | -2.3 | 2.3 | 2.7 | - | 14.1 | 94.5 | 57.0 | 81.4 | - | - |
| 25 | -5.1 | -2.6 | -5.5 | -4.1 | -3.9 | - | 6.6 | 74.0 | 36.5 | 54.7 | - | - |
| 26 | 0.1 | 4.0 | -3.6 | 0.2 | 0.6 | - | 15.9 | 60.5 | 14.5 | 34.6 | - | - |
| 27 | 4.1 | 12.1 | -0.3 | 5.9 | 5.3 | - | 13.2 | 45.0 | 18.0 | 31.9 | - | - |
| 28 | 2.5 | 6.8 | 1.8 | 4.3 | 3.8 | - | 1.7 | 93.0 | 43.0 | 81.6 | - | - |
| 29 | 6.3 | 12.6 | -0.7 | 6.0 | 6.6 | - | 14.9 | 78.0 | 20.5 | 38.4 | - | - |
| 30 | -1.6 | 7.5 | -2.5 | 2.5 | 1.4 | - | 15.1 | 53.0 | 21.0 | 38.9 | - | - |
| 31 | 3.4 | 8.1 | -0.2 | 4.0 | 3.0 | - | 9.8 | 44.0 | 22.0 | 34.3 | - | - |
| 小計 | 23.6 | 82.8 | -9.9 | 36.5 | 33.0 | - | 109.0 | 801.5 | 396.5 | 615.9 | - | - |
| 平均 | 2.1 | 7.5 | -0.9 | 3.3 | 3.0 | - | 9.9 | 72.9 | 36.0 | 56.0 | - | - |
| 合計 | 14.6 | 206.0 | -73.8 | 66.1 | 49.0 | - | 289.7 | 2299.0 | 1045.0 | 1688.6 | - | - |
| 平均 | 0.5 | 6.6 | -2.4 | 2.1 | 1.6 | - | 9.3 | 74.2 | 33.7 | 54.5 | - | - |

觀測地点：綜合氣象 I 2005年 4月 氣象月報 井川演習林

| 日 | 9時気温 ℃ | 気温 | | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 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 | 1.6 | 9.4 | -0.8 | 4.3 | 3.0 | - | 13.1 | 75.0 | 33.0 | 49.4 | - | - | - | |
| 2 | 4.1 | 9.6 | 0.8 | 5.2 | 4.7 | - | 10.2 | 88.0 | 42.5 | 59.8 | - | - | - | |
| 3 | 4.1 | 14.7 | 2.9 | 8.8 | 7.2 | - | 12.1 | 90.0 | 36.5 | 72.9 | - | - | - | |
| 4 | 2.9 | 5.5 | 0.5 | 3.0 | 2.5 | - | 5.0 | 92.0 | 84.5 | 90.1 | - | - | - | |
| 5 | 2.9 | 16.4 | -1.4 | 7.5 | 6.5 | - | 16.1 | 91.5 | 18.0 | 51.1 | - | - | - | |
| 6 | 11.2 | 21.8 | 7.8 | 14.8 | 13.9 | - | 14.2 | 40.0 | 5.0 | 18.8 | - | - | - | |
| 7 | 7.6 | 14.1 | 7.6 | 10.9 | 11.1 | - | 2.8 | 91.5 | 8.5 | 55.3 | - | - | - | |
| 8 | 15.1 | 23.1 | 7.7 | 15.4 | 15.5 | - | 17.3 | 49.0 | 7.5 | 28.1 | - | - | - | |
| 9 | 6.6 | 17.6 | 5.1 | 11.4 | 9.8 | - | 17.0 | 86.0 | 45.5 | 68.4 | - | - | - | |
| 10 | 7.6 | 16.9 | 4.8 | 10.9 | 10.3 | - | 8.5 | 92.5 | 43.0 | 77.4 | - | - | - | |
| 小計 | 63.7 | 149.1 | 35.0 | 92.1 | 84.3 | - | 116.3 | 795.5 | 324.0 | 571.2 | - | - | - | |
| 平均 | 6.4 | 14.9 | 3.5 | 9.2 | 8.4 | - | 11.6 | 79.6 | 32.4 | 57.1 | - | - | - | |
| 11 | 11.2 | 14.6 | 10.6 | 12.6 | 11.9 | - | 7.4 | 94.0 | 86.5 | 92.4 | - | - | - | |
| 12 | 8.6 | 10.5 | 6.4 | 8.5 | 8.1 | - | 2.0 | 95.0 | 94.0 | 94.8 | - | - | - | |
| 13 | 6.1 | 7.1 | 2.1 | 4.6 | 5.6 | - | 4.3 | 95.5 | 86.0 | 93.5 | - | - | - | |
| 14 | 2.6 | 12.5 | 0.6 | 6.6 | 5.2 | - | 15.9 | 88.0 | 57.5 | 75.2 | - | - | - | |
| 15 | 5.1 | 16.7 | 1.6 | 9.2 | 8.2 | - | 1.6 | 71.5 | 15.5 | 45.2 | - | - | - | |
| 16 | 9.0 | 15.5 | 4.8 | 10.2 | 9.5 | - | 16.4 | 64.0 | 5.5 | 35.9 | - | - | - | |
| 17 | 10.5 | 17.5 | 3.7 | 10.6 | 10.4 | - | 17.8 | 59.0 | 6.0 | 19.3 | - | - | - | |
| 18 | 8.0 | 14.2 | 4.9 | 9.6 | 9.0 | - | 11.4 | 88.5 | 23.5 | 54.3 | - | - | - | |
| 19 | 7.1 | 15.7 | 4.0 | 9.9 | 9.1 | - | 14.6 | 89.0 | 38.0 | 63.8 | - | - | - | |
| 20 | 6.6 | 7.6 | 4.7 | 6.2 | 6.0 | - | 1.6 | 93.5 | 71.0 | 87.8 | - | - | - | |
| 小計 | 74.8 | 131.9 | 43.4 | 87.7 | 82.9 | - | 107.3 | 838.0 | 483.5 | 662.0 | - | - | - | |
| 平均 | 7.5 | 13.2 | 4.3 | 8.8 | 8.3 | - | 10.7 | 83.8 | 48.4 | 66.2 | - | - | - | |
| 21 | 8.8 | 11.1 | 6.4 | 8.8 | 8.4 | - | 11.2 | 94.0 | 34.0 | 54.7 | - | - | - | |
| 22 | 3.2 | 9.9 | 3.2 | 6.6 | 6.1 | - | 17.7 | 68.5 | 28.0 | 41.3 | - | - | - | |
| 23 | 5.8 | 14.2 | 3.6 | 8.9 | 7.5 | - | 16.8 | 54.0 | 16.0 | 29.5 | - | - | - | |
| 24 | 4.2 | 13.5 | 1.5 | 7.5 | 6.7 | - | 18.4 | 80.5 | 34.5 | 59.6 | - | - | - | |
| 25 | 7.9 | 16.8 | 3.9 | 10.4 | 9.4 | - | 17.1 | 82.5 | 18.0 | 56.7 | - | - | - | |
| 26 | 11.8 | 15.2 | 4.6 | 9.9 | 8.7 | - | 14.4 | 90.5 | 30.0 | 61.6 | - | - | - | |
| 27 | 5.4 | 17.4 | 2.1 | 9.8 | 8.9 | - | 18.3 | 64.0 | 37.5 | 54.1 | - | - | - | |
| 28 | 11.0 | 22.6 | 5.7 | 14.2 | 14.8 | - | 17.9 | 60.0 | 13.0 | 31.9 | - | - | - | |
| 29 | 17.8 | 21.7 | 15.2 | 18.5 | 17.9 | - | 11.0 | 52.5 | 23.5 | 38.1 | - | - | - | |
| 30 | 13.4 | 20.0 | 9.0 | 14.5 | 14.6 | - | 15.7 | 85.5 | 42.0 | 58.6 | - | - | - | |
| 小計 | 89.3 | 162.4 | 55.2 | 108.8 | 103.0 | - | 158.4 | 732.0 | 276.5 | 486.2 | - | - | - | |
| 平均 | 8.9 | 16.2 | 5.5 | 10.9 | 10.3 | - | 15.8 | 73.2 | 27.7 | 48.6 | - | - | - | |
| 合計 | 227.8 | 443.4 | 133.6 | 288.5 | 270.3 | - | 382.0 | 2365.5 | 1084.0 | 1719.4 | - | - | - | |
| 平均 | 7.6 | 14.8 | 4.5 | 9.6 | 9.0 | - | 12.7 | 78.9 | 36.1 | 57.3 | - | - | - | |

井川演習林

観測地点：総合気象 I 2005年 5月 気象月報

| 日 | 9時気温 ℃ | 最高℃ | 最低℃ | 气温 平均℃ | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 最大 | 最小 | 相对湿度% | 日平均 | 風速 m/s 日平均 | 風速 m/s 日最大 | 風 向 | 記 事 |
|----|-----------|-------|-------|-----------|------------|-----------|-----------------------------|--------|--------|--------|-----|---------------|---------------|-----|-----|
| 1 | 12.9 | 19.9 | 8.2 | 14.1 | 11.8 | — | 11.0 | 92.5 | 40.5 | 73.1 | — | — | — | | |
| 2 | 15.0 | 21.1 | 9.3 | 15.2 | 14.9 | — | 13.0 | 94.0 | 66.5 | 85.2 | — | — | — | | |
| 3 | 10.5 | 12.6 | 7.2 | 9.9 | 10.5 | — | 4.8 | 93.5 | 74.5 | 84.3 | — | — | — | | |
| 4 | 10.0 | 22.8 | 7.0 | 14.9 | 12.8 | — | 19.7 | 90.0 | 12.5 | 60.6 | — | — | — | | |
| 5 | 14.5 | 22.1 | 11.0 | 16.6 | 15.3 | — | 18.5 | 71.5 | 22.0 | 39.1 | — | — | — | | |
| 6 | 12.6 | 14.0 | 10.2 | 12.1 | 11.3 | — | 4.2 | 92.0 | 45.5 | 74.7 | — | — | — | | |
| 7 | 13.2 | 23.4 | 10.6 | 17.0 | 15.1 | — | 17.9 | 94.0 | 29.5 | 75.0 | — | — | — | | |
| 8 | 11.9 | 20.3 | 8.4 | 14.4 | 13.1 | — | 17.0 | 88.5 | 52.0 | 67.9 | — | — | — | | |
| 9 | 9.6 | 19.2 | 6.7 | 13.0 | 12.3 | — | 18.1 | 81.0 | 17.5 | 47.2 | — | — | — | | |
| 10 | 8.9 | 17.5 | 5.7 | 11.6 | 10.9 | — | 21.4 | 57.0 | 8.5 | 31.5 | — | — | — | | |
| 小計 | 119.1 | 192.9 | 84.3 | 138.6 | 128.0 | — | 145.7 | 854.0 | 369.0 | 638.7 | — | — | — | | |
| 平均 | 11.9 | 19.3 | 8.4 | 13.9 | 12.8 | — | 14.6 | 85.4 | 36.9 | 63.9 | — | — | — | | |
| 11 | 7.9 | 17.2 | 3.7 | 10.5 | 9.1 | — | 17.1 | 81.0 | 36.5 | 62.3 | — | — | — | | |
| 12 | 6.9 | 14.5 | 4.1 | 9.3 | 7.8 | — | 11.3 | 91.5 | 55.0 | 79.1 | — | — | — | | |
| 13 | 6.6 | 9.3 | 3.8 | 6.6 | 6.7 | — | 6.1 | 93.5 | 78.5 | 89.1 | — | — | — | | |
| 14 | 5.8 | 13.1 | 4.6 | 8.9 | 8.0 | — | 13.5 | 93.5 | 64.5 | 84.6 | — | — | — | | |
| 15 | 10.1 | 13.3 | 6.0 | 9.7 | 9.1 | — | 8.6 | 91.5 | 43.0 | 66.3 | — | — | — | | |
| 16 | 7.3 | 18.9 | 3.9 | 11.4 | 10.2 | — | 21.2 | 82.0 | 31.0 | 57.3 | — | — | — | | |
| 17 | 8.0 | 18.2 | 5.9 | 12.1 | 10.9 | — | 20.6 | 88.0 | 47.0 | 72.9 | — | — | — | | |
| 18 | 9.1 | 16.3 | 6.2 | 11.3 | 10.1 | — | 8.8 | 92.0 | 43.0 | 73.1 | — | — | — | | |
| 19 | 16.6 | 24.4 | 12.3 | 18.4 | 17.7 | — | 21.7 | 90.0 | 5.5 | 32.6 | — | — | — | | |
| 20 | 11.7 | 15.1 | 6.7 | 10.9 | 11.3 | — | 10.6 | 79.5 | 59.0 | 70.3 | — | — | — | | |
| 小計 | 90.0 | 160.3 | 57.2 | 108.8 | 101.1 | — | 139.5 | 882.5 | 463.0 | 687.5 | — | — | — | | |
| 平均 | 9.0 | 16.0 | 5.7 | 10.9 | 10.1 | — | 14.0 | 88.3 | 46.3 | 68.8 | — | — | — | | |
| 21 | 10.5 | 19.4 | 6.1 | 12.8 | 12.0 | — | 18.8 | 78.0 | 32.5 | 58.4 | — | — | — | | |
| 22 | 10.9 | 14.1 | 9.1 | 11.6 | 11.1 | — | 6.3 | 92.5 | 55.0 | 78.4 | — | — | — | | |
| 23 | 10.6 | 19.1 | 7.8 | 13.5 | 12.2 | — | 18.4 | 93.0 | 31.0 | 69.6 | — | — | — | | |
| 24 | 9.7 | 17.6 | 6.6 | 12.1 | 11.2 | — | 20.6 | 70.5 | 29.5 | 52.1 | — | — | — | | |
| 25 | 9.0 | 13.9 | 6.1 | 10.0 | 10.0 | — | 12.3 | 87.0 | 58.5 | 74.6 | — | — | — | | |
| 26 | 9.4 | 16.0 | 6.9 | 11.5 | 10.7 | — | 12.1 | 88.5 | 52.5 | 75.7 | — | — | — | | |
| 27 | 10.5 | 18.6 | 9.0 | 13.8 | 12.8 | — | 18.0 | 91.5 | 53.5 | 75.5 | — | — | — | | |
| 28 | 12.0 | 18.6 | 8.7 | 13.7 | 13.0 | — | 14.6 | 88.0 | 52.0 | 68.8 | — | — | — | | |
| 29 | 13.5 | 20.5 | 9.5 | 15.0 | 13.6 | — | 15.2 | 82.5 | 31.0 | 59.2 | — | — | — | | |
| 30 | 13.7 | 14.3 | 10.8 | 12.6 | 12.5 | — | 5.6 | 84.5 | 39.0 | 65.8 | — | — | — | | |
| 31 | 12.5 | 19.1 | 10.4 | 14.8 | 13.4 | — | 14.7 | 93.0 | 62.5 | 84.6 | — | — | — | | |
| 小計 | 122.3 | 191.2 | 91.0 | 141.1 | 132.6 | — | 156.7 | 949.0 | 497.0 | 762.7 | — | — | — | | |
| 平均 | 11.1 | 17.4 | 8.3 | 12.8 | 12.1 | — | 14.2 | 86.3 | 45.2 | 69.3 | — | — | — | | |
| 合計 | 331.4 | 544.4 | 232.5 | 388.5 | 361.7 | — | 441.9 | 2685.5 | 1329.0 | 2088.9 | — | — | — | | |
| 平均 | 10.7 | 17.6 | 7.5 | 12.5 | 11.7 | — | 14.3 | 86.6 | 42.9 | 67.4 | — | — | — | | |

観測地点：総合気象 I 2005年 6月 気象月報 井川演習林

| 日 | 9時気温 ℃ | | | 気温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|-------|------------|-----------|-----------------------------|--------|--------|--------|--------|-----|-----|---------------------|
| | 最高℃ | 最低℃ | 平均℃ | 最高℃ | 最低℃ | | | | 最 大 | 最 小 | 日平均 | 日平均 | 日最大 | | |
| 1 | 12.6 | 22.1 | 8.4 | 15.3 | 14.2 | — | — | 17.7 | 83.0 | 39.5 | 64.4 | — | — | — | |
| 2 | 12.6 | 13.1 | 10.5 | 11.8 | 11.4 | — | — | 4.6 | 93.0 | 54.5 | 77.6 | — | — | — | |
| 3 | 14.4 | 20.2 | 11.7 | 16.0 | 15.1 | — | — | 17.1 | 94.5 | 74.0 | 87.0 | — | — | — | |
| 4 | 13.3 | 20.5 | 9.7 | 15.1 | 13.5 | — | — | 13.4 | 92.0 | 50.0 | 82.5 | — | — | — | |
| 5 | 12.2 | 18.1 | 9.1 | 13.6 | 12.4 | — | — | 13.6 | 93.0 | 65.0 | 84.2 | — | — | — | |
| 6 | 11.9 | 22.3 | 9.6 | 16.0 | 14.2 | — | — | 19.8 | 94.0 | 53.5 | 81.8 | — | — | — | |
| 7 | 14.0 | 20.7 | 10.9 | 15.8 | 14.4 | — | — | 16.6 | 90.0 | 57.5 | 77.4 | — | — | — | |
| 8 | 14.1 | 18.4 | 11.2 | 14.8 | 14.2 | — | — | 10.5 | 93.0 | 68.0 | 81.4 | — | — | — | |
| 9 | 14.6 | 20.5 | 10.4 | 15.5 | 14.9 | — | — | 15.5 | 86.5 | 62.0 | 73.4 | — | — | — | 11:00から HOBO 降雨観測開始 |
| 10 | 16.4 | 19.8 | 12.6 | 16.2 | 16.4 | — | — | 7.9 | 86.0 | 66.0 | 77.0 | — | — | — | |
| 小計 | 136.1 | 195.7 | 104.1 | 149.9 | 140.8 | — | — | 136.6 | 905.0 | 590.0 | 786.7 | — | — | — | |
| 平均 | 13.6 | 19.6 | 10.4 | 15.0 | 14.1 | — | — | 13.7 | 90.5 | 59.0 | 78.7 | — | — | — | |
| 11 | 18.0 | 18.2 | 14.6 | 16.4 | 16.0 | 7.5 | 7.5 | 4.3 | 93.5 | 81.5 | 89.1 | — | — | — | 梅雨入り |
| 12 | 14.7 | 22.9 | 12.6 | 17.8 | 17.0 | 0.5 | 0.5 | 17.6 | 93.0 | 59.5 | 77.2 | — | — | — | |
| 13 | 15.1 | 23.7 | 13.2 | 18.5 | 17.1 | — | — | 20.0 | 88.5 | 52.5 | 76.7 | — | — | — | |
| 14 | 15.2 | 21.2 | 12.6 | 16.9 | 16.6 | — | — | 7.9 | 87.5 | 61.5 | 77.6 | — | — | — | |
| 15 | 11.6 | 15.8 | 11.1 | 13.5 | 13.8 | 19.0 | 19.0 | 6.1 | 92.5 | 74.0 | 82.6 | — | — | — | |
| 16 | 13.3 | 16.1 | 12.9 | 14.5 | 14.1 | 7.5 | 7.5 | 5.1 | 93.5 | 89.0 | 91.9 | — | — | — | |
| 17 | 14.7 | 21.6 | 12.9 | 17.3 | 15.7 | — | — | 18.5 | 95.0 | 68.5 | 86.4 | — | — | — | |
| 18 | 14.9 | 23.0 | 12.7 | 17.9 | 16.6 | — | — | 18.2 | 86.0 | 58.0 | 76.3 | — | — | — | |
| 19 | 16.0 | 20.5 | 13.8 | 17.2 | 16.8 | — | — | 10.1 | 91.0 | 67.0 | 80.5 | — | — | — | |
| 20 | 16.3 | 21.1 | 14.6 | 17.9 | 17.2 | 1.0 | 1.0 | 11.3 | 93.0 | 72.0 | 86.7 | — | — | — | |
| 小計 | 149.8 | 204.1 | 131.0 | 167.6 | 160.9 | 35.5 | 35.5 | 119.2 | 913.5 | 683.5 | 825.1 | — | — | — | |
| 平均 | 15.0 | 20.4 | 13.1 | 16.8 | 16.1 | — | — | 11.9 | 91.4 | 68.4 | 82.5 | — | — | — | |
| 21 | 16.6 | 24.0 | 13.9 | 19.0 | 17.9 | — | — | 17.5 | 89.0 | 58.0 | 78.6 | — | — | — | |
| 22 | 14.9 | 21.1 | 14.6 | 17.9 | 17.4 | 21.5 | 21.5 | 9.3 | 94.0 | 80.0 | 88.9 | — | — | — | |
| 23 | 16.8 | 19.8 | 15.3 | 17.6 | 17.1 | 6.0 | 6.0 | 7.5 | 94.5 | 84.0 | 91.1 | — | — | — | |
| 24 | 17.2 | 23.0 | 14.2 | 18.6 | 18.0 | — | — | 15.1 | 93.0 | 67.0 | 83.3 | — | — | — | |
| 25 | 16.7 | 27.1 | 13.9 | 20.5 | 19.4 | — | — | 17.3 | 87.0 | 53.0 | 70.3 | — | — | — | |
| 26 | 20.1 | 26.5 | 17.5 | 22.0 | 21.2 | — | — | 15.4 | 85.0 | 62.5 | 77.0 | — | — | — | |
| 27 | 19.5 | 23.1 | 17.0 | 20.1 | 21.0 | — | — | 4.7 | 83.5 | 56.0 | 63.8 | — | — | — | |
| 28 | 19.9 | 23.3 | 19.6 | 21.5 | 21.4 | 2.5 | 2.5 | 3.8 | 81.0 | 58.0 | 67.8 | — | — | — | |
| 29 | 18.4 | 21.9 | 17.9 | 19.9 | 19.5 | 37.0 | 37.0 | 6.6 | 93.5 | 79.5 | 87.6 | — | — | — | |
| 30 | 18.5 | 24.9 | 18.0 | 21.5 | 19.9 | 13.0 | 13.0 | 11.2 | 94.5 | 63.0 | 83.6 | — | — | — | |
| 小計 | 178.6 | 234.7 | 161.9 | 198.3 | 192.8 | 80.0 | 80.0 | 108.4 | 895.0 | 661.0 | 792.0 | — | — | — | |
| 平均 | 17.9 | 23.5 | 16.2 | 19.8 | 19.3 | — | — | 10.8 | 89.5 | 66.1 | 79.2 | — | — | — | |
| 合計 | 464.5 | 634.5 | 397.0 | 515.8 | 494.5 | — | — | 364.2 | 2713.5 | 1934.5 | 2403.7 | — | — | — | |
| 平均 | 15.5 | 21.2 | 13.2 | 17.2 | 16.5 | — | — | 12.1 | 90.5 | 64.5 | 80.1 | — | — | — | |

観測地点：総合気象 I 2005年 7月 気象月報 井川演習林

| 日 | 9時気温 ℃ | | 気 温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------------------------|--------|--------|--------|--------|-----|-----|------|
| | 最高℃ | 最低℃ | 最高℃ | 最低℃ | | | | 最大 | 最小 | 日平均 | 日平均 | 日最大 | | |
| 1 | 18.5 | 18.5 | 16.4 | 17.5 | 17.5 | 35.0 | 3.4 | 94.0 | 71.5 | 88.5 | — | — | — | |
| 2 | 17.2 | 20.9 | 14.4 | 17.7 | 17.3 | 0.5 | 9.3 | 94.5 | 77.5 | 86.6 | — | — | — | |
| 3 | 16.8 | 21.0 | 14.1 | 17.6 | 16.9 | 17.5 | 7.8 | 93.5 | 75.0 | 84.9 | — | — | — | |
| 4 | 16.0 | 18.6 | 16.0 | 17.3 | 17.1 | 104.0 | 2.0 | 96.0 | 93.5 | 95.0 | — | — | — | |
| 5 | 19.2 | 24.9 | 16.9 | 20.9 | 19.9 | 2.0 | 18.4 | 96.0 | 71.5 | 85.9 | — | — | — | |
| 6 | 17.7 | 19.4 | 15.0 | 17.2 | 17.3 | | 7.3 | 90.5 | 78.5 | 85.5 | — | — | — | |
| 7 | 16.2 | 22.6 | 14.1 | 18.4 | 17.1 | 0.5 | 16.3 | 90.5 | 45.5 | 76.0 | — | — | — | |
| 8 | 16.3 | 24.6 | 13.8 | 19.2 | 18.2 | | 13.0 | 87.5 | 61.0 | 76.9 | — | — | — | |
| 9 | 17.0 | 18.2 | 14.9 | 16.6 | 16.7 | 36.5 | 4.6 | 94.5 | 82.5 | 88.9 | — | — | — | |
| 10 | 17.6 | 23.7 | 16.5 | 20.1 | 19.5 | 0.5 | 5.6 | 95.0 | 56.0 | 75.2 | — | — | — | |
| 小計 | 172.5 | 212.4 | 152.1 | 182.3 | 177.5 | 196.5 | 87.7 | 932.0 | 712.5 | 843.4 | — | — | — | |
| 平均 | 17.3 | 21.2 | 15.2 | 18.2 | 17.7 | | 8.8 | 93.2 | 71.3 | 84.3 | — | — | — | |
| 11 | 20.4 | 24.4 | 18.3 | 21.4 | 21.3 | | 10.7 | 75.5 | 55.5 | 65.4 | — | — | — | |
| 12 | 22.8 | 25.6 | 18.1 | 21.9 | 22.3 | 1.0 | 6.7 | 80.0 | 48.0 | 62.1 | — | — | — | |
| 13 | 17.0 | 25.1 | 15.2 | 20.2 | 18.7 | | 19.4 | 91.5 | 62.0 | 79.9 | — | — | — | |
| 14 | 19.3 | 26.0 | 17.1 | 21.6 | 20.5 | 3.5 | 19.6 | 94.0 | 66.0 | 84.2 | — | — | — | |
| 15 | 18.1 | 27.0 | 16.2 | 21.6 | 20.9 | | 20.8 | 86.5 | 65.5 | 78.6 | — | — | — | |
| 16 | 19.3 | 28.3 | 17.0 | 22.7 | 21.5 | | 16.2 | 85.5 | 59.5 | 78.2 | — | — | — | |
| 17 | 19.4 | 23.5 | 17.9 | 20.7 | 20.3 | | 7.6 | 84.5 | 72.0 | 78.6 | — | — | — | |
| 18 | 18.9 | 29.1 | 16.5 | 22.8 | 21.8 | | 19.9 | 81.0 | 38.0 | 63.9 | — | — | — | 梅雨明け |
| 19 | 20.3 | 26.0 | 17.1 | 21.6 | 20.9 | | 12.1 | 71.0 | 51.0 | 62.6 | — | — | — | |
| 20 | 17.9 | 23.0 | 15.4 | 19.2 | 18.5 | | 11.7 | 85.5 | 62.5 | 74.8 | — | — | — | |
| 小計 | 193.4 | 258.0 | 168.8 | 213.4 | 206.6 | 4.5 | 144.6 | 835.0 | 580.0 | 728.3 | — | — | — | |
| 平均 | 19.3 | 25.8 | 16.9 | 21.3 | 20.7 | | 14.5 | 83.5 | 58.0 | 72.8 | — | — | — | |
| 21 | 17.9 | 28.1 | 15.3 | 21.7 | 20.6 | | 17.0 | 85.0 | 54.5 | 74.5 | — | — | — | |
| 22 | 20.0 | 28.7 | 17.9 | 23.3 | 21.7 | 22.5 | 15.2 | 90.5 | 49.5 | 75.5 | — | — | — | |
| 23 | 19.9 | 21.7 | 17.2 | 19.5 | 18.9 | 81.5 | 5.3 | 93.5 | 85.0 | 91.7 | — | — | — | |
| 24 | 18.8 | 20.3 | 16.9 | 18.6 | 18.6 | 5.0 | 6.0 | 94.5 | 88.0 | 92.2 | — | — | — | |
| 25 | 18.7 | 21.3 | 17.0 | 19.2 | 18.7 | 11.0 | 7.5 | 94.5 | 82.0 | 90.5 | — | — | — | |
| 26 | 18.2 | 20.2 | 17.0 | 18.6 | 18.7 | 91.5 | 4.9 | 95.5 | 93.5 | 94.6 | — | — | — | |
| 27 | 19.8 | 27.9 | 18.4 | 23.2 | 21.9 | 0.5 | 15.0 | 94.5 | 58.0 | 77.9 | — | — | — | |
| 28 | 17.4 | 28.1 | 16.0 | 22.1 | 20.8 | | 21.2 | 89.0 | 58.0 | 77.9 | — | — | — | |
| 29 | 19.9 | 27.7 | 17.0 | 22.4 | 21.4 | | 13.4 | 84.5 | 55.5 | 73.9 | — | — | — | |
| 30 | 20.6 | 27.4 | 18.0 | 22.7 | 21.1 | | 12.2 | 84.0 | 62.0 | 74.4 | — | — | — | |
| 31 | 18.6 | 25.7 | 16.9 | 21.3 | 20.2 | | 12.8 | 88.5 | 62.5 | 78.6 | — | — | — | |
| 小計 | 209.8 | 277.1 | 187.6 | 232.4 | 222.7 | 212.0 | 130.7 | 994.0 | 748.5 | 901.6 | — | — | — | |
| 平均 | 19.1 | 25.2 | 17.1 | 21.1 | 20.2 | | 11.9 | 90.4 | 68.0 | 82.0 | — | — | — | |
| 合計 | 575.7 | 747.5 | 508.5 | 628.0 | 606.7 | 413.0 | 362.9 | 2761.0 | 2041.0 | 2473.3 | — | — | — | |
| 平均 | 18.6 | 24.1 | 16.4 | 20.3 | 19.6 | | 11.7 | 89.1 | 65.8 | 79.8 | — | — | — | |

| 日 | 9時気温 ℃ | | 氣 温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 事 記 |
|----|-----------|-------|-------|-------|------------|-----------|-----------------------------|--------|--------|--------|--------|---|-----|-------|
| | 最高℃ | 最低℃ | 平均℃ | 最大 | | | | 最 小 | 日平均 | 日平均 | 日最大 | | | |
| 1 | 19.3 | 23.9 | 17.3 | 20.6 | 20.1 | | 12.8 | 90.5 | 71.5 | 84.8 | — | — | — | |
| 2 | 19.1 | 26.9 | 17.2 | 22.1 | 21.2 | 6.5 | 16.1 | 90.5 | 64.0 | 82.4 | — | — | — | |
| 3 | 20.4 | 25.3 | 18.2 | 21.8 | 21.3 | | 10.5 | 94.0 | 74.5 | 87.2 | — | — | — | |
| 4 | 20.2 | 27.5 | 18.9 | 23.2 | 22.1 | | 16.1 | 92.0 | 68.5 | 84.6 | — | — | — | |
| 5 | 19.5 | 28.4 | 18.4 | 23.4 | 22.2 | | 15.9 | 89.0 | 58.0 | 79.4 | — | — | — | |
| 6 | 20.9 | 24.0 | 19.1 | 21.6 | 20.9 | | 7.4 | 89.0 | 78.0 | 85.2 | — | — | — | |
| 7 | 18.8 | 25.2 | 17.4 | 21.3 | 20.8 | | 12.6 | 90.0 | 69.5 | 82.4 | — | — | — | |
| 8 | 18.5 | 27.2 | 16.9 | 22.1 | 21.0 | | 15.0 | 88.5 | 56.0 | 78.5 | — | — | — | |
| 9 | 19.3 | 25.3 | 18.0 | 21.7 | 20.9 | | 6.9 | 91.0 | 67.0 | 82.8 | — | — | — | |
| 10 | 20.4 | 29.2 | 17.7 | 23.5 | 22.0 | | 15.4 | 91.0 | 50.0 | 77.5 | — | — | — | |
| 小計 | 196.4 | 262.9 | 179.1 | 221.0 | 212.3 | 6.5 | 128.9 | 905.5 | 657.0 | 824.8 | — | — | — | |
| 平均 | 19.6 | 26.3 | 17.9 | 22.1 | 21.2 | | 12.9 | 90.6 | 65.7 | 82.5 | — | — | — | |
| 11 | 19.0 | 25.8 | 17.4 | 21.6 | 20.9 | 1.0 | 11.2 | 91.5 | 65.5 | 82.9 | — | — | — | |
| 12 | 20.4 | 25.7 | 18.5 | 22.1 | 20.1 | 9.0 | 9.1 | 94.5 | 72.0 | 86.6 | — | — | — | |
| 13 | 20.6 | 26.1 | 18.4 | 22.3 | 20.8 | 7.0 | 12.7 | 93.0 | 61.5 | 79.9 | — | — | — | |
| 14 | 18.3 | 24.1 | 17.3 | 20.7 | 19.8 | 10.5 | 13.1 | 94.0 | 75.0 | 88.9 | — | — | — | |
| 15 | 19.2 | 28.4 | 17.4 | 22.9 | 21.7 | | 18.2 | 94.0 | 51.0 | 76.7 | — | — | — | |
| 16 | 20.1 | 24.2 | 18.6 | 21.4 | 20.5 | 0.5 | 7.6 | 91.0 | 68.5 | 82.3 | — | — | — | |
| 17 | 18.6 | 23.2 | 17.7 | 20.5 | 19.9 | | 7.7 | 90.5 | 74.0 | 84.9 | — | — | — | |
| 18 | 19.2 | 24.6 | 17.2 | 20.9 | 20.3 | | 11.6 | 89.5 | 65.0 | 82.1 | — | — | — | |
| 19 | 19.8 | 24.0 | 17.3 | 20.7 | 19.9 | | 7.6 | 89.5 | 72.0 | 84.7 | — | — | — | |
| 20 | 18.1 | 23.5 | 16.0 | 19.8 | 19.1 | | 8.0 | 90.5 | 72.0 | 84.1 | — | — | — | |
| 小計 | 193.3 | 249.6 | 175.8 | 212.7 | 203.0 | 28.0 | 107.0 | 918.0 | 676.5 | 833.0 | — | — | — | |
| 平均 | 19.3 | 25.0 | 17.6 | 21.3 | 20.3 | | 10.7 | 91.8 | 67.7 | 83.3 | — | — | — | |
| 21 | 17.9 | 19.3 | 16.1 | 17.7 | 17.7 | 9.5 | 2.8 | 94.5 | 89.0 | 91.5 | — | — | — | |
| 22 | 18.3 | 19.5 | 17.0 | 18.3 | 18.1 | 8.5 | 4.8 | 96.0 | 92.0 | 94.6 | — | — | — | |
| 23 | 18.8 | 20.6 | 17.5 | 19.1 | 18.8 | 4.0 | 5.1 | 96.0 | 92.5 | 94.9 | — | — | — | |
| 24 | 18.5 | 22.9 | 17.3 | 20.1 | 19.1 | 6.5 | 12.8 | 96.5 | 78.5 | 90.8 | — | — | — | |
| 25 | 18.1 | 20.1 | 17.7 | 18.9 | 18.4 | 147.5 | 2.5 | 96.0 | 82.0 | 93.4 | — | — | — | 台風11号 |
| 26 | 20.6 | 29.1 | 19.3 | 24.2 | 22.7 | | 16.8 | 86.0 | 46.5 | 71.2 | — | — | — | |
| 27 | 19.4 | 27.5 | 18.1 | 22.8 | 21.4 | | 15.7 | 86.5 | 63.0 | 78.3 | — | — | — | |
| 28 | 18.2 | 25.5 | 16.5 | 21.0 | 19.9 | | 15.7 | 90.0 | 61.5 | 81.9 | — | — | — | |
| 29 | 13.9 | 24.9 | 12.6 | 18.8 | 17.9 | | 16.3 | 85.5 | 54.5 | 73.7 | — | — | — | |
| 30 | 14.1 | 21.1 | 12.9 | 17.0 | 17.0 | 13.0 | 6.3 | 92.5 | 58.0 | 77.0 | — | — | — | |
| 31 | 17.9 | 22.6 | 16.8 | 19.7 | 18.7 | 2.0 | 9.3 | 94.0 | 76.5 | 88.9 | — | — | — | |
| 小計 | 195.7 | 253.1 | 181.8 | 217.5 | 209.7 | 191.0 | 108.2 | 1013.5 | 794.0 | 936.3 | — | — | — | |
| 平均 | 17.8 | 23.0 | 16.5 | 19.8 | 19.1 | | 9.8 | 92.1 | 72.2 | 85.1 | — | — | — | |
| 合計 | 585.4 | 765.6 | 536.7 | 651.2 | 625.0 | 225.5 | 344.0 | 2837.0 | 2127.5 | 2594.1 | — | — | — | |
| 平均 | 18.9 | 24.7 | 17.3 | 21.0 | 20.2 | | 11.1 | 91.5 | 68.6 | 83.7 | — | — | — | |

観測地点：総合気象Ⅰ 2005年 9月 気象月報 井川演習林

| 日 | 9時気温 ℃ | 気温 | | 平均℃ | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|-------|-------|-------|------------|-----------|-----------------------------|--------|--------|--------|-----|-----|-------|
| | | 最高℃ | 最低℃ | | | | | 最大 | 最小 | 日平均 | 日最大 | | |
| 1 | 16.0 | 26.0 | 15.2 | 20.6 | 19.6 | | 16.1 | 91.0 | 63.0 | 82.1 | — | — | |
| 2 | 18.3 | 27.1 | 16.9 | 22.0 | 20.6 | | 11.2 | 91.0 | 65.0 | 82.1 | — | — | |
| 3 | 18.2 | 28.1 | 17.0 | 22.6 | 20.8 | | 13.1 | 89.0 | 52.0 | 76.8 | — | — | |
| 4 | 17.4 | 23.4 | 15.4 | 19.4 | 18.7 | 13.5 | 7.3 | 94.0 | 71.5 | 82.9 | — | — | |
| 5 | 17.4 | 19.8 | 17.1 | 18.5 | 17.9 | 61.5 | 4.3 | 95.0 | 92.0 | 94.2 | — | — | |
| 6 | 18.7 | 21.2 | 16.9 | 19.1 | 18.4 | 37.5 | 8.9 | 96.0 | 87.0 | 93.3 | — | — | |
| 7 | 19.2 | 19.2 | 17.5 | 18.4 | 18.6 | 106.0 | 3.4 | 96.5 | 93.5 | 96.0 | — | — | 台風14号 |
| 8 | 18.1 | 27.2 | 16.3 | 21.8 | 20.0 | | 13.7 | 95.5 | 52.5 | 79.3 | — | — | |
| 9 | 17.7 | 23.9 | 16.2 | 20.1 | 19.1 | | 10.3 | 93.0 | 73.5 | 86.8 | — | — | |
| 10 | 17.0 | 25.8 | 16.0 | 20.9 | 19.9 | | 9.2 | 93.0 | 67.0 | 84.1 | — | — | |
| 小計 | 178.0 | 241.7 | 164.5 | 203.1 | 193.8 | 218.5 | 97.5 | 934.0 | 717.0 | 857.6 | — | — | |
| 平均 | 17.8 | 24.2 | 16.5 | 20.3 | 19.4 | | 9.7 | 93.4 | 71.7 | 85.8 | — | — | |
| 11 | 18.6 | 23.3 | 16.4 | 19.9 | 19.5 | | 9.2 | 91.5 | 70.5 | 84.4 | — | — | |
| 12 | 16.3 | 26.5 | 15.4 | 21.0 | 19.5 | 0.5 | 9.3 | 92.5 | 61.0 | 83.3 | — | — | |
| 13 | 16.8 | 27.7 | 15.9 | 21.8 | 20.0 | | 12.1 | 87.0 | 54.5 | 75.3 | — | — | |
| 14 | 19.9 | 24.8 | 16.6 | 20.7 | 19.7 | 1.0 | 7.3 | 90.5 | 54.0 | 78.8 | — | — | |
| 15 | 16.8 | 23.2 | 14.9 | 19.1 | 17.5 | | 10.2 | 90.5 | 65.0 | 80.8 | — | — | |
| 16 | 14.2 | 22.4 | 12.9 | 17.7 | 16.0 | | 10.3 | 91.0 | 63.0 | 84.2 | — | — | |
| 17 | 13.5 | 24.6 | 12.3 | 18.5 | 16.3 | | 12.3 | 89.0 | 51.0 | 78.5 | — | — | |
| 18 | 15.6 | 27.6 | 13.9 | 20.8 | 18.9 | | 13.2 | 86.0 | 53.5 | 75.5 | — | — | |
| 19 | 16.2 | 27.3 | 15.3 | 21.3 | 19.5 | | 8.3 | 85.5 | 53.5 | 76.9 | — | — | |
| 20 | 18.1 | 22.5 | 15.6 | 19.1 | 18.6 | | 6.3 | 88.5 | 71.0 | 82.0 | — | — | |
| 小計 | 166.0 | 249.9 | 149.2 | 199.6 | 185.4 | 1.5 | 98.5 | 882.0 | 597.0 | 799.8 | — | — | |
| 平均 | 16.6 | 25.0 | 14.9 | 20.0 | 18.5 | | 9.9 | 89.2 | 59.7 | 80.0 | — | — | |
| 21 | 15.5 | 23.4 | 14.5 | 19.0 | 17.0 | 1.5 | 7.8 | 92.5 | 64.0 | 82.6 | — | — | |
| 22 | 14.9 | 16.6 | 13.2 | 14.9 | 15.2 | | 2.5 | 94.0 | 88.0 | 91.5 | — | — | |
| 23 | 16.1 | 25.4 | 15.1 | 20.3 | 18.3 | | 11.5 | 93.5 | 64.5 | 85.7 | — | — | |
| 24 | 16.9 | 21.8 | 16.0 | 18.9 | 18.2 | 1.0 | 6.0 | 94.0 | 71.5 | 83.9 | — | — | |
| 25 | 20.2 | 23.2 | 15.7 | 19.5 | 19.1 | 0.5 | 8.7 | 91.5 | 58.0 | 72.8 | — | — | |
| 26 | 16.1 | 19.3 | 14.4 | 16.9 | 16.0 | | 7.1 | 94.0 | 76.5 | 89.0 | — | — | |
| 27 | 14.7 | 19.0 | 12.8 | 15.9 | 14.4 | 0.5 | 7.8 | 95.0 | 69.0 | 88.5 | — | — | |
| 28 | 12.8 | 15.0 | 12.5 | 13.8 | 13.1 | 0.5 | 3.2 | 96.0 | 88.5 | 94.5 | — | — | |
| 29 | 11.2 | 16.9 | 10.0 | 13.5 | 12.9 | | 10.3 | 95.5 | 73.5 | 87.9 | — | — | |
| 30 | 9.2 | 21.0 | 7.8 | 14.4 | 12.9 | | 14.2 | 90.5 | 49.0 | 77.0 | — | — | |
| 小計 | 147.6 | 201.6 | 132.0 | 166.8 | 157.0 | 4.0 | 79.1 | 936.5 | 702.5 | 853.4 | — | — | |
| 平均 | 14.8 | 20.2 | 13.2 | 16.7 | 15.7 | | 7.9 | 93.7 | 70.3 | 85.3 | — | — | |
| 合計 | 491.6 | 693.2 | 445.7 | 569.5 | 536.3 | 224.0 | 275.1 | 2762.5 | 2016.5 | 2510.8 | — | — | |
| 平均 | 16.4 | 23.1 | 14.9 | 19.0 | 17.9 | | 9.2 | 92.1 | 67.2 | 83.7 | — | — | |

観測地点：総合気象 I 2005年 10月 気象月報 井川演習林

| 日 | 9時気温 ℃ | 気温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 事 記 |
|----|-----------|-------|-------|------------|-----------|-----------------------------|-------|--------|--------|--------|-----|-----|-----|
| | | 最高℃ | 最低℃ | | | | 平均℃ | 最大 | 最小 | 日平均 | 日最大 | | |
| 1 | 10.0 | 23.2 | 8.8 | 16.0 | 14.6 | | 12.9 | 88.0 | 56.5 | 79.5 | — | — | — |
| 2 | 20.8 | 23.7 | 15.4 | 19.6 | 20.4 | | 7.4 | 82.0 | 51.5 | 61.0 | — | — | — |
| 3 | 16.7 | 24.0 | 14.7 | 19.4 | 18.0 | | 11.2 | 90.0 | 45.5 | 68.1 | — | — | — |
| 4 | 15.0 | 19.4 | 14.4 | 16.9 | 16.1 | 5.5 | 2.3 | 94.5 | 67.5 | 87.9 | — | — | — |
| 5 | 15.2 | 15.4 | 14.7 | 15.1 | 15.1 | 25.5 | 1.0 | 96.0 | 91.0 | 95.0 | — | — | — |
| 6 | 13.5 | 20.7 | 11.5 | 16.1 | 15.0 | 4.0 | 10.3 | 96.5 | 70.5 | 90.2 | — | — | — |
| 7 | 10.4 | 19.1 | 10.0 | 14.6 | 13.2 | 16.0 | 6.7 | 95.5 | 66.5 | 89.1 | — | — | — |
| 8 | 16.9 | 19.5 | 14.8 | 17.2 | 16.7 | 5.5 | 4.5 | 96.5 | 67.0 | 90.5 | — | — | — |
| 9 | 15.9 | 17.6 | 13.9 | 15.8 | 15.5 | 0.5 | 2.9 | 96.5 | 91.5 | 94.9 | — | — | — |
| 10 | 15.0 | 16.5 | 13.9 | 15.2 | 14.9 | 18.5 | 3.8 | 97.0 | 94.0 | 96.1 | — | — | — |
| 小計 | 149.4 | 199.1 | 132.1 | 165.6 | 159.4 | 75.5 | 62.9 | 932.5 | 701.5 | 852.2 | — | — | — |
| 平均 | 14.9 | 19.9 | 13.2 | 16.6 | 15.9 | | 6.3 | 93.3 | 70.2 | 85.2 | — | — | — |
| 11 | 13.7 | 16.9 | 11.8 | 14.4 | 14.1 | | 5.6 | 97.0 | 86.0 | 93.2 | — | — | — |
| 12 | 13.1 | 21.7 | 8.1 | 14.9 | 13.7 | | 10.1 | 94.5 | 60.0 | 84.8 | — | — | — |
| 13 | 8.2 | 21.7 | 6.2 | 14.0 | 11.9 | | 10.6 | 89.0 | 45.5 | 65.8 | — | — | — |
| 14 | 10.1 | 22.7 | 8.9 | 15.8 | 14.1 | | 11.1 | 89.5 | 53.5 | 77.8 | — | — | — |
| 15 | 13.5 | 18.4 | 11.8 | 15.1 | 14.7 | 36.0 | 5.2 | 95.0 | 72.0 | 85.3 | — | — | — |
| 16 | 15.9 | 21.0 | 13.7 | 17.4 | 16.2 | 4.5 | 9.1 | 96.5 | 68.0 | 89.5 | — | — | — |
| 17 | 13.8 | 15.7 | 12.9 | 14.3 | 14.5 | 24.5 | 2.8 | 96.5 | 91.5 | 95.1 | — | — | — |
| 18 | 14.4 | 14.5 | 10.7 | 12.6 | 13.3 | 21.0 | 2.5 | 97.0 | 78.0 | 91.4 | — | — | — |
| 19 | 9.6 | 19.7 | 8.6 | 14.2 | 12.4 | | 10.0 | 92.5 | 56.0 | 82.6 | — | — | — |
| 20 | 7.6 | 17.8 | 7.0 | 12.4 | 10.6 | | 8.4 | 91.5 | 58.0 | 81.4 | — | — | — |
| 小計 | 119.9 | 190.1 | 99.7 | 144.9 | 135.3 | 86.0 | 75.4 | 939.0 | 668.5 | 846.9 | — | — | — |
| 平均 | 12.0 | 19.0 | 10.0 | 14.5 | 13.5 | | 7.5 | 93.9 | 66.9 | 84.7 | — | — | — |
| 21 | 7.0 | 18.6 | 4.7 | 11.7 | 9.9 | | 10.3 | 86.5 | 47.5 | 74.9 | — | — | — |
| 22 | 9.0 | 13.1 | 5.4 | 9.3 | 9.0 | 0.5 | 6.3 | 91.5 | 54.0 | 74.4 | — | — | — |
| 23 | 5.9 | 15.7 | 4.7 | 10.2 | 8.5 | | 6.7 | 75.0 | 35.0 | 58.8 | — | — | — |
| 24 | 7.0 | 17.1 | 5.3 | 11.2 | 8.8 | | 9.5 | 84.0 | 47.5 | 68.6 | — | — | — |
| 25 | 6.1 | 16.9 | 4.1 | 10.5 | 9.0 | | 9.0 | 85.0 | 51.0 | 66.9 | — | — | — |
| 26 | 9.4 | 15.5 | 7.7 | 11.6 | 10.4 | | 7.1 | 85.0 | 58.5 | 76.4 | — | — | — |
| 27 | 8.2 | 17.5 | 7.7 | 12.6 | 10.6 | 2.0 | 9.5 | 92.5 | 59.0 | 80.0 | — | — | — |
| 28 | 6.4 | 17.8 | 4.9 | 11.4 | 9.3 | | 9.4 | 90.0 | 50.0 | 73.7 | — | — | — |
| 29 | 8.8 | 11.2 | 7.2 | 9.2 | 9.5 | 9.0 | 1.8 | 94.0 | 46.0 | 76.4 | — | — | — |
| 30 | 9.5 | 15.7 | 6.2 | 11.0 | 9.7 | | 9.0 | 89.5 | 60.5 | 81.1 | — | — | — |
| 31 | 5.1 | 13.7 | 2.5 | 8.1 | 6.0 | 1.0 | 9.0 | 91.0 | 43.0 | 71.3 | — | — | — |
| 小計 | 82.4 | 172.8 | 60.4 | 116.6 | 100.8 | 12.5 | 87.5 | 964.0 | 552.0 | 802.4 | — | — | — |
| 平均 | 7.5 | 15.7 | 5.5 | 10.6 | 9.2 | | 8.0 | 87.6 | 50.2 | 72.9 | — | — | — |
| 合計 | 351.7 | 562.0 | 292.2 | 427.1 | 395.5 | 174.0 | 225.8 | 2835.5 | 1922.0 | 2501.4 | — | — | — |
| 平均 | 11.3 | 18.1 | 9.4 | 13.8 | 12.8 | | 7.3 | 91.5 | 62.0 | 80.7 | — | — | — |

井川演習林

観測地点：総合気象I

2005年 11月 気象月報

| 日 | 9時気温 | | 気 温 | | 日平均気温 | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | | 風速 m/s | | 風 向 | 記 事 |
|----|-------|-------|------|-------|-------|-----------|-----------------------------|--------|--------|--------|--------|-----|-----|-----|
| | ℃ | 最高℃ | 最低℃ | 平均℃ | | | | 最大 | 最小 | 日平均 | 日平均 | 日最大 | | |
| 1 | 1.7 | 14.2 | 0.5 | 7.4 | 5.6 | | 9.5 | 91.0 | 37.5 | 73.7 | — | — | — | |
| 2 | 4.2 | 14.5 | 1.3 | 7.9 | 6.5 | | | 85.5 | 46.0 | 64.6 | — | — | — | |
| 3 | 8.2 | 12.2 | 5.0 | 8.6 | 8.1 | 0.5 | 5.3 | 90.0 | 65.5 | 80.9 | — | — | — | |
| 4 | 6.3 | 17.5 | 5.1 | 11.3 | 9.0 | 0.5 | 9.2 | 86.5 | 51.0 | 73.0 | — | — | — | |
| 5 | 7.0 | 17.2 | 5.4 | 11.3 | 9.3 | | 8.6 | 83.0 | 48.0 | 67.5 | — | — | — | |
| 6 | 7.4 | 10.9 | 6.0 | 8.5 | 8.4 | 33.0 | 2.1 | 95.5 | 76.5 | 86.9 | — | — | — | |
| 7 | 11.9 | 16.2 | 5.6 | 10.9 | 10.8 | 0.5 | 8.6 | 95.5 | 33.5 | 64.9 | — | — | — | |
| 8 | 9.8 | 13.2 | 4.4 | 8.8 | 7.8 | | 6.8 | 67.5 | 14.5 | 36.2 | — | — | — | |
| 9 | 6.8 | 13.9 | 3.6 | 8.8 | 6.9 | | 8.1 | 56.0 | 14.5 | 36.0 | — | — | — | |
| 10 | 3.6 | 12.9 | 2.9 | 7.9 | 6.2 | | 7.3 | 80.5 | 42.5 | 57.8 | — | — | — | |
| 小計 | 66.9 | 142.7 | 39.8 | 91.3 | 78.7 | 34.5 | 75.3 | 831.0 | 429.5 | 641.4 | — | — | — | |
| 平均 | 6.7 | 14.3 | 4.0 | 9.1 | 7.9 | | 7.5 | 83.1 | 43.0 | 64.1 | — | — | — | |
| 11 | 8.6 | 10.7 | 6.0 | 8.4 | 8.4 | 1.0 | 2.8 | 83.0 | 23.0 | 43.5 | — | — | — | |
| 12 | 8.3 | 15.2 | 5.7 | 10.5 | 8.8 | 6.5 | 8.9 | 94.0 | 38.5 | 81.9 | — | — | — | |
| 13 | 4.4 | 12.6 | 2.8 | 7.7 | 7.1 | | 6.5 | 88.5 | 33.5 | 69.3 | — | — | — | |
| 14 | 10.3 | 11.0 | 5.9 | 8.5 | 8.5 | | 3.1 | 65.0 | 23.0 | 44.2 | — | — | — | |
| 15 | 5.4 | 10.4 | 2.9 | 6.7 | 5.8 | | 8.3 | 87.5 | 60.0 | 75.5 | — | — | — | |
| 16 | 1.9 | 10.4 | 0.3 | 5.4 | 3.7 | | 9.3 | 83.0 | 47.0 | 67.0 | — | — | — | |
| 17 | 0.0 | 8.6 | -1.3 | 3.7 | 2.2 | 0.5 | 8.6 | 78.5 | 44.0 | 63.6 | — | — | — | |
| 18 | -0.6 | 9.6 | -1.4 | 4.1 | 2.5 | | 6.3 | 70.5 | 30.5 | 51.0 | — | — | — | |
| 19 | 1.2 | 7.4 | -0.3 | 3.6 | 2.6 | | 6.2 | 75.5 | 47.0 | 60.7 | — | — | — | |
| 20 | 0.8 | 9.7 | 0.0 | 4.9 | 3.2 | | 8.7 | 78.0 | 46.0 | 68.4 | — | — | — | |
| 小計 | 40.3 | 105.6 | 20.6 | 63.1 | 52.8 | 8.0 | 68.7 | 803.5 | 392.5 | 625.1 | — | — | — | |
| 平均 | 4.0 | 10.6 | 2.1 | 6.3 | 5.3 | | 6.9 | 80.4 | 39.3 | 62.5 | — | — | — | |
| 21 | 2.9 | 10.9 | -0.1 | 5.4 | 3.7 | | 7.9 | 68.5 | 24.0 | 48.8 | — | — | — | |
| 22 | 2.8 | 11.6 | 1.7 | 6.7 | 4.7 | | 7.9 | 63.5 | 23.5 | 45.6 | — | — | — | |
| 23 | 0.8 | 10.5 | -0.1 | 5.2 | 3.8 | | 6.8 | 75.0 | 20.5 | 54.1 | — | — | — | |
| 24 | 5.4 | 12.7 | 2.4 | 7.6 | 6.3 | | 8.1 | 58.0 | 22.0 | 38.0 | — | — | — | |
| 25 | 2.5 | 12.1 | 1.3 | 6.7 | 4.8 | | 7.6 | 59.5 | 25.0 | 47.3 | — | — | — | |
| 26 | 3.2 | 9.9 | 2.0 | 6.0 | 4.5 | | 4.5 | 76.0 | 40.0 | 56.4 | — | — | — | |
| 27 | 6.2 | 11.0 | 2.5 | 6.8 | 6.3 | | 7.1 | 58.0 | 25.0 | 42.2 | — | — | — | |
| 28 | 5.3 | 12.8 | 3.9 | 8.4 | 7.0 | | 6.8 | 75.0 | 33.0 | 48.4 | — | — | — | |
| 29 | 7.4 | 11.4 | 0.4 | 5.9 | 6.0 | | 8.1 | 86.0 | 26.0 | 52.8 | — | — | — | |
| 30 | 0.9 | 9.5 | -0.9 | 4.3 | 2.5 | | 7.7 | 56.5 | 22.5 | 41.5 | — | — | — | |
| 小計 | 37.4 | 112.4 | 13.1 | 62.8 | 49.6 | 0.0 | 72.7 | 676.0 | 261.5 | 475.1 | — | — | — | |
| 平均 | 3.7 | 11.2 | 1.3 | 6.3 | 5.0 | | 7.3 | 67.6 | 26.2 | 47.5 | — | — | — | |
| 合計 | 144.6 | 360.7 | 73.5 | 217.1 | 181.1 | 42.5 | 216.8 | 2310.5 | 1083.5 | 1741.6 | — | — | — | |
| 平均 | 4.8 | 12.0 | 2.5 | 7.2 | 6.0 | | 7.2 | 77.0 | 36.1 | 58.1 | — | — | — | |

観測地点：総合気象 I 2005年 12月 気象月報 井川演習林

| 日 | 9時気温 ℃ | | 気温 | | 日平均気温 ℃ | 降水量 mm | 水平面日射量 MJ/m ² | 相対湿度% | | 風速 m/s | | 風 向 | 記 事 |
|----|-----------|------|--------|-------|------------|-----------|-----------------------------|--------|-------|--------|------|-------|------------------------|
| | 最高℃ | 最低℃ | 最高℃ | 最低℃ | | | | 最大 | 最小 | 日平均 | 日最大 | | |
| 1 | -0.4 | 8.3 | -1.0 | 3.7 | 2.1 | - | 6.9 | 71.5 | 43.0 | 56.7 | - | - | 10:00のみ OPUS II欠測、同時刻) |
| 2 | 5.6 | 9.8 | 2.6 | 6.2 | 5.2 | - | 5.0 | 64.5 | 30.5 | 49.6 | 0.7 | 3.0 | SE |
| 3 | 2.1 | 3.6 | 0.9 | 2.3 | 2.0 | - | 6.1 | 42.0 | 22.5 | 32.8 | 1.8 | 5.2 | NNE |
| 4 | 0.1 | 1.0 | -2.6 | -0.8 | -0.7 | - | 1.1 | 90.5 | 31.0 | 61.8 | 0.2 | 1.2 | SE |
| 5 | -5.3 | 0.1 | -6.2 | -3.1 | -3.1 | - | 4.3 | 77.5 | 48.5 | 60.8 | 0.6 | 2.2 | SSE |
| 6 | -1.2 | 5.5 | -2.1 | 1.7 | 0.0 | - | 6.7 | 75.5 | 46.0 | 63.9 | 0.3 | 1.8 | ENE |
| 7 | -3.4 | 3.3 | -3.5 | -0.1 | -1.3 | - | 5.9 | 77.0 | 54.0 | 69.1 | 0.2 | 1.1 | E |
| 8 | -3.4 | 4.9 | -4.8 | 0.1 | -1.7 | - | 5.8 | 71.0 | 37.0 | 58.6 | 0.1 | 1.0 | ENE |
| 9 | -2.7 | 4.9 | -3.6 | 0.7 | -0.3 | - | 7.1 | 62.0 | 36.5 | 50.4 | 0.7 | 3.8 | NE |
| 10 | 1.3 | 2.8 | -0.7 | 1.1 | 0.9 | - | 6.4 | 61.0 | 39.5 | 46.5 | 1.5 | 4.4 | NE |
| 小計 | -7.3 | 44.2 | -21.0 | 11.6 | 3.0 | - | 55.4 | 692.5 | 388.5 | 550.4 | 6.2 | 23.7 | |
| 平均 | -0.7 | 4.4 | -2.1 | 1.2 | 0.3 | - | 5.5 | 69.3 | 38.9 | 55.0 | 0.7 | 2.6 | |
| 11 | 0.9 | 2.2 | -4.2 | -1.0 | -0.6 | - | 3.6 | 66.5 | 24.5 | 45.1 | 0.4 | 1.5 | SSE |
| 12 | -4.9 | -0.6 | -5.4 | -3.0 | -3.5 | - | 3.0 | 75.0 | 44.5 | 62.9 | 0.5 | 3.2 | SE |
| 13 | -4.9 | -1.4 | -6.6 | -4.0 | -4.4 | - | 5.2 | 74.5 | 34.5 | 50.4 | 0.6 | 2.8 | E |
| 14 | -4.5 | 1.2 | -7.0 | -2.9 | -4.5 | - | 6.2 | 65.0 | 32.5 | 55.7 | 0.2 | 1.5 | E |
| 15 | -7.5 | 2.4 | -7.8 | -2.7 | -4.2 | - | 7.3 | 62.5 | 18.5 | 43.9 | 0.4 | 1.9 | ENE |
| 16 | -4.7 | 1.7 | -5.7 | -2.0 | -2.9 | - | 7.6 | 60.0 | 28.5 | 41.8 | 0.3 | 2.0 | NNE |
| 17 | -3.0 | 1.1 | -7.1 | -3.0 | -3.8 | - | 5.9 | 71.5 | 31.5 | 49.3 | 0.7 | 4.8 | S |
| 18 | -7.7 | -5.1 | -8.4 | -6.8 | -6.7 | - | 3.9 | 77.0 | 27.5 | 41.9 | 1.2 | 6.1 | NNE |
| 19 | -4.6 | -1.9 | -6.1 | -4.0 | -4.4 | - | 7.1 | 38.0 | 23.5 | 33.2 | 1.4 | 6.3 | NNE |
| 20 | -5.9 | 4.7 | -6.8 | -1.1 | -2.9 | - | 7.6 | 49.0 | 20.5 | 38.0 | 0.1 | 0.3 | E |
| 小計 | -46.8 | 4.3 | -65.1 | -30.4 | -37.9 | - | 57.5 | 639.0 | 286.0 | 462.1 | 5.7 | 30.4 | |
| 平均 | -4.7 | 0.4 | -6.5 | -3.0 | -3.8 | - | 5.7 | 63.9 | 28.6 | 46.2 | 0.6 | 3.0 | |
| 21 | -3.0 | 2.4 | -3.9 | -0.8 | -2.0 | - | 5.0 | 82.0 | 19.5 | 51.1 | 1.2 | 9.7 | SE |
| 22 | -8.1 | -3.2 | -8.3 | -5.8 | -5.6 | - | 4.3 | 78.0 | 26.5 | 47.0 | 0.6 | 3.9 | S |
| 23 | -3.9 | -1.5 | -6.2 | -3.9 | -3.7 | - | 6.1 | 64.0 | 33.0 | 48.0 | 1.5 | 6.1 | ENE |
| 24 | -3.4 | -2.2 | -8.2 | -5.2 | -4.5 | - | 5.1 | 72.0 | 24.0 | 43.3 | 0.9 | 3.6 | E |
| 25 | -7.7 | 4.6 | -8.7 | -2.1 | -3.0 | - | 7.2 | 68.0 | 21.0 | 47.8 | 1.4 | 6.8 | SE |
| 26 | -2.5 | -1.3 | -5.2 | -3.3 | -3.1 | - | 5.5 | 69.5 | 21.0 | 37.2 | 2.2 | 6.3 | ENE |
| 27 | -4.0 | -0.7 | -5.5 | -3.1 | -3.8 | - | 7.4 | 39.5 | 16.5 | 24.0 | 0.9 | 3.9 | NNE |
| 28 | -6.7 | 2.8 | -7.3 | -2.3 | -4.0 | - | 7.4 | 61.0 | 21.5 | 40.4 | 0.4 | 2.0 | SE |
| 29 | -5.8 | 3.3 | -6.8 | -1.8 | -3.2 | - | 7.4 | 77.0 | 41.5 | 66.8 | 0.2 | 0.6 | SE |
| 30 | -3.8 | 2.5 | -5.3 | -1.4 | -1.4 | - | 7.3 | 76.5 | 26.5 | 44.7 | 2.5 | 10.8 | NNE |
| 31 | -3.4 | 3.1 | -3.4 | -0.2 | -1.0 | - | 7.0 | 74.5 | 25.0 | 50.7 | 0.7 | 6.4 | SSE |
| 小計 | -52.3 | 9.8 | -68.8 | -29.5 | -35.2 | - | 69.8 | 762.0 | 276.0 | 500.9 | 12.4 | 60.1 | |
| 平均 | -4.8 | 0.9 | -6.3 | -2.7 | -3.2 | - | 6.3 | 69.3 | 25.1 | 45.5 | 1.1 | 5.5 | |
| 合計 | -106.4 | 58.3 | -154.9 | -48.3 | -70.1 | - | 182.6 | 2093.5 | 950.5 | 1513.4 | 24.3 | 114.2 | |
| 平均 | -3.4 | 1.9 | -5.0 | -1.6 | -2.3 | - | 5.9 | 67.5 | 30.7 | 48.8 | 0.8 | 3.8 | |