

資 料

信州大学農学部附属演習林気象データ

—1978年1月～1978年12月—

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凡 例

観測諸元

表1 観測所位置

| 観測所名 | 手良沢山 | 西 駒 |
|------|------------|------------|
| 北 緯 | 35°53'15" | 35°49'22" |
| 東 経 | 138°02'50" | 137°51'54" |
| 海 抜 | 990 (m) | 1,235 (m) |

表2 観測・記録計器の仕様

| 計器部位 | 気 温 ・ 地 温 | 降 水 量 |
|------|---|---|
| 受感部 | 型式名称 測温抵抗体 規格 JIS Pt 100Ω 0°C class 0.5 | パイプヒーター付転筒ます型 口径200mm 0.5mm/1接点 ヒーター 300W |
| 記録部 | 型式名称 測定範囲 記録紙繰出し 記録紙 電子式抵抗温度記録計 -50～0～50°C Pt 100Ω 25mm/h 同期電動機駆動 折りたたみ式、一巻一カ月余 時刻線30分毎、示度1°C | 電子式受信記録計 0～10mV 25mm/h 同期電動機駆動 折りたたみ式、一巻一カ月余 時刻線30分毎、示量1mm毎 |

読取・集計の基準

- (I) 時間の区切: 時刻指示線の後側とする。
 - (II) 気温・地温: 記録打点線の一部が温度指示線に接する場合はその示度、上・下指示線に接しない場合を両示度の中間値として読取単位0.5°Cとする。
 - (III) 降水量: 0.5(mm)×各1時間のパルス数とする。
 - (IV) 時間の修正: 自記紙に指示が記入されている場合にはそれによって時刻線を移動させて読取る。
- (I) 気 温
 - (a) 平均気温: 3, 6, 9, 12, 15, 18, 21, 24時の8回記録値の平均値
 - (b) 最高気温: 当日9時より翌日9時までの最高の記録値
 - (c) 最低気温: 前日9時より当日9時までの最低の記録値
 - (d) 9 時: 当日9時の記録値
 - (II) 地 温: 地表, 地下15cm, 30cmの当日9時の記録値
 - (III) 降 水 量
 - (a) 日 量: 当日9時より翌日9時までの1時間ごとの読取値の合計
 - (b) 時間最大: 当日9時より翌日9時までの1時間ごとの読取値の最大値
 - (IV) 欠 測: (a) 停電による欠測(×a) (b) 計器の修理, 調整による欠測(×b) (c) 記録打点の乱点(×c) (d) 記録紙の繰出し不良(×d), 交換ミス(×d') (e) インクの過不足(×e)
 - (V) 平均, 計, 極値: 気温, 地温については平均値を, 日降水量は合計を, 時間最大降水量は極大値を, それぞれ, 月, 上旬, 中旬, 下旬について算出した値, ()を付したのは欠測を含む場合を示す。

注) この資料の自記紙の読取り, 集計は宮崎, 橋爪が行なったが, 計測器の保守, 記録紙・インクの交換, 補充は林, 唐木(義), 安積, 那須野, 唐木(武), 清水の演習林職員によって行なわれている。

手良 1978

| 種目 | 1 月 | | | | | | | | | | 2 月 | | | | | | | | | |
|----|---------|-------|--------|--------------|--------|-------|----------|-------|-------|------|---------|-------|-------|--------------|-------|-------|----------|------|--|--|
| | 氣温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 氣温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | | |
| 1 | 4.0 | 8.0 | 3.5 | 5.0 | 3.5 | 1.5 | 2.0 | 0.5 | 0.5 | -9.6 | -6.0 | -11.5 | -8.5 | -1.5 | 0.0 | 1.0 | 0.5 | 0.5 | | |
| 2 | -1.4 | 2.5 | -4.0 | -2.5 | -1.0 | 1.5 | 2.5 | (1.0) | ×a | -9.9 | -4.0 | -16.0 | -13.0 | -2.5 | 0.0 | 1.0 | 0 | 0 | | |
| 3 | -3.5 | 2.0 | -3.0 | -1.0 | 0.0 | 1.0 | 2.5 | | | -9.0 | -3.0 | -13.0 | -9.5 | -1.5 | 0.0 | 1.0 | 0 | 0 | | |
| 4 | ×a | ×a | -8.5 | -3.5 | -1.0 | 1.0 | 2.0 | 0 | | -8.4 | -2.0 | -15.0 | -9.5 | -2.5 | 0.0 | 1.0 | 0 | 0 | | |
| 5 | ×a | ×a | ×a | ×a | ×a | ×a | ×a | 0.5 | 0.5 | -4.6 | 2.5 | -10.0 | -2.5 | -2.0 | 0.0 | 1.0 | 0 | 0 | | |
| 6 | -1.6 | 3.0 | -4.5 | -3.0 | -1.5 | 0.5 | 2.0 | 0.5 | 0.5 | -5.6 | 0.0 | -9.0 | -5.0 | -2.0 | 0.0 | 1.0 | 0 | 0 | | |
| 7 | -0.8 | 2.5 | -3.0 | 0.0 | -0.5 | 0.5 | 1.5 | 0 | | -3.5 | 5.0 | -11.5 | -5.5 | -3.0 | 0.0 | 1.0 | 0 | 0 | | |
| 8 | -2.0 | 0.5 | -5.0 | -2.0 | -0.5 | 0.5 | 2.0 | 0 | | -3.9 | 1.0 | -7.5 | -3.5 | -2.5 | 0.0 | 1.0 | 0 | 0 | | |
| 9 | -2.8 | 1.0 | -5.5 | -0.5 | -0.5 | 0.5 | 1.5 | 1.5 | 0.5 | -1.9 | 3.0 | -8.5 | -5.5 | -2.0 | 0.0 | 1.0 | 20.5 | 3.5 | | |
| 10 | -7.9 | -3.0 | -7.5 | -7.0 | -1.5 | 0.5 | 1.5 | 0 | | 2.4 | 8.5 | -5.5 | 2.0 | 0.0 | 0.0 | 1.0 | 5.5 | 2.5 | | |
| 11 | -6.6 | 2.0 | -13.0 | -11.0 | -4.0 | 0.5 | 1.5 | 0 | | 0.0 | 5.5 | -1.5 | 0.0 | -0.5 | 0.0 | 1.0 | 0 | 0 | | |
| 12 | -2.3 | 4.5 | -6.5 | -2.0 | -0.5 | 0.5 | 1.5 | 0 | | -1.6 | -0.5 | -4.5 | -2.0 | -0.5 | 0.0 | 1.0 | 3.5 | 1.0 | | |
| 13 | -2.3 | 3.5 | -9.5 | -6.0 | -2.0 | 0.5 | 1.5 | 1.0 | 0.5 | -2.8 | 3.5 | -6.5 | -3.5 | -1.5 | 0.0 | 1.0 | 0 | 0 | | |
| 14 | 0.6 | 6.5 | -6.0 | 1.0 | 0.0 | 0.0 | 1.5 | 0 | | -5.4 | 0.0 | -11.5 | -6.0 | -2.0 | 0.0 | 1.0 | 0 | 0 | | |
| 15 | 1.8 | 10.0 | -5.5 | -3.5 | -2.0 | 0.5 | 1.5 | 0 | | -7.4 | -2.0 | -8.0 | -7.5 | -3.0 | 0.0 | 1.0 | 0 | 0 | | |
| 16 | -3.6 | 0.0 | -4.0 | -3.0 | -2.5 | 0.5 | 1.5 | 0 | | -8.6 | 0.0 | -15.0 | -9.0 | -5.0 | 0.0 | 1.0 | 0 | 0 | | |
| 17 | -5.4 | -1.0 | -9.0 | -6.5 | -2.5 | 0.5 | 1.5 | 0 | | -6.8 | 1.5 | -13.0 | -10.0 | -3.5 | 0.0 | 1.0 | 0 | 0 | | |
| 18 | -1.6 | 2.5 | -7.5 | -2.5 | 0.0 | 0.5 | 1.5 | 0 | | -8.8 | -0.5 | -12.5 | -8.5 | -3.5 | 0.0 | 1.0 | 0 | 0 | | |
| 19 | -3.4 | 2.0 | -4.0 | -3.0 | -0.5 | 0.5 | 1.5 | 0 | | -7.1 | 0.0 | -15.0 | -9.0 | -3.5 | -1.0 | 1.0 | 0 | 0 | | |
| 20 | -5.3 | 2.5 | -10.0 | -8.5 | -3.5 | 0.5 | 1.5 | 0 | | -4.2 | 2.5 | -10.0 | -6.0 | -2.5 | -0.5 | 1.0 | 0 | 0 | | |
| 21 | -4.2 | -0.5 | -8.5 | -2.0 | -1.0 | 0.0 | 1.5 | 1.0 | 0.5 | -4.9 | 1.0 | -6.5 | -3.5 | -1.5 | -0.5 | 0.5 | 0 | 0 | | |
| 22 | -7.8 | -3.5 | -9.0 | -7.0 | -2.5 | 0.0 | 1.0 | 0 | | -4.9 | 0.5 | -11.5 | -5.5 | -3.0 | -1.0 | 0.5 | 0 | 0 | | |
| 23 | -6.6 | 1.0 | -12.5 | -10.5 | -4.0 | 0.0 | 1.5 | 0 | | -5.7 | 0.0 | -7.0 | -2.5 | -1.0 | -0.5 | 0.5 | 0 | 0 | | |
| 24 | -3.3 | 0.5 | -8.0 | -3.0 | -1.5 | 0.0 | 1.0 | 1.0 | 0.5 | -6.3 | 2.5 | -14.5 | -9.5 | -4.0 | -1.5 | 0.5 | 0 | 0 | | |
| 25 | -7.1 | 0.0 | -11.0 | -8.0 | -4.0 | 0.0 | 1.0 | 0 | | -4.7 | 1.0 | -9.5 | -2.5 | -1.0 | -0.5 | 0.5 | 0 | 0 | | |
| 26 | -4.6 | 0.5 | -12.5 | -6.5 | -2.0 | 0.0 | 1.0 | 9.5 | 2.5 | -5.6 | 3.5 | -13.0 | -7.0 | -2.0 | -1.5 | 0.5 | 0 | 0 | | |
| 27 | -0.6 | 2.0 | -7.0 | -2.0 | -1.0 | 0.0 | 1.0 | 0 | | -1.8 | 7.0 | -8.5 | -2.0 | -0.5 | -1.0 | 0.5 | 0 | 0 | | |
| 28 | -4.1 | 0.5 | -4.5 | -2.0 | -1.0 | 0.0 | 1.0 | 0 | | -0.4 | 7.0 | -6.0 | -2.0 | -0.5 | -0.5 | 0.5 | 11.0 | 2.5 | | |
| 29 | -8.4 | -3.5 | -10.5 | -7.5 | -1.5 | 0.0 | 1.0 | 0 | | | | | | | | | | | | |
| 30 | -4.5 | -0.5 | -12.5 | -3.5 | -1.5 | 0.0 | 1.0 | 0.5 | 0.5 | | | | | | | | | | | |
| 31 | -5.8 | -3.5 | -7.5 | -5.5 | -1.5 | 0.0 | 1.0 | 0.5 | 0.5 | | | | | | | | | | | |
| 平均 | (-3.5) | (1.4) | (-7.2) | (-3.9) | (-1.3) | (0.4) | (1.5) | 17.5 | 2.5 | -5.0 | 1.3 | -10.0 | -5.6 | -2.1 | -0.3 | 0.9 | 41.0 | 3.5 | | |
| 上旬 | (-2.0) | (2.1) | (-4.2) | (-1.6) | (-0.3) | (0.8) | (1.9) | 4.0 | (0.5) | -5.4 | 0.5 | -10.8 | -6.1 | -2.0 | 0.0 | 1.0 | 26.5 | 3.5 | | |
| 中旬 | -2.8 | 3.3 | -7.5 | -4.5 | -1.6 | 0.5 | 1.5 | 1.0 | 0.5 | -5.3 | 1.0 | -9.8 | -6.2 | -2.6 | -0.2 | 1.0 | 3.5 | 1.0 | | |
| 下旬 | -5.2 | -0.6 | -9.4 | -5.2 | -2.0 | 0.0 | 1.1 | 12.5 | 2.5 | -4.3 | 2.8 | -9.6 | -4.3 | -1.7 | -0.9 | 0.5 | 11.0 | 2.5 | | |

| 種目 | 3 月 | | | | | | | | | | 4 月 | | | | | | | | | |
|----|---------|------|--------|--------------|-------|-------|----------|------|------|-------|---------|--------|-------|--------------|-------|-------|----------|-------|--|--|
| | 氣温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 氣温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | | |
| 1 | -5.6 | -3.0 | -5.0 | -5.0 | -2.5 | 0.0 | 0.5 | 0 | | -0.6 | 6.5 | -7.0 | -1.0 | 4.5 | 0.0 | 0.5 | 0 | 0 | | |
| 2 | -3.4 | 4.5 | -11.0 | -4.5 | -2.0 | -0.5 | 0.5 | 0 | | 1.5 | 6.5 | -3.5 | 2.5 | 3.5 | 0.0 | 1.0 | 20.0 | 3.5 | | |
| 3 | -0.4 | 6.5 | -7.5 | -1.5 | 1.0 | -0.5 | 0.5 | 0 | | 0.9 | 4.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 10.0 | 3.5 | | |
| 4 | 4.4 | 9.0 | -1.5 | 8.0 | 3.5 | 0.0 | 0.5 | 5.5 | 3.5 | 1.1 | 8.5 | -4.5 | 3.5 | 2.0 | 0.0 | 1.0 | 0 | 0 | | |
| 5 | -0.7 | 6.0 | -3.0 | -1.5 | 0.0 | 0.0 | 0.5 | 0 | | 2.1 | 12.5 | -5.0 | 3.0 | 4.5 | 0.5 | 1.0 | 2.0 | 1.5 | | |
| 6 | -0.8 | 8.0 | -5.5 | -2.0 | -0.5 | 0.0 | 0.5 | 0 | | 2.4 | 5.0 | -1.5 | 3.5 | 2.5 | 0.5 | 1.0 | 29.5 | 8.0 | | |
| 7 | 0.6 | 10.0 | -5.5 | -2.0 | -1.0 | 0.0 | 0.5 | 0 | | 1.0 | 5.5 | -1.0 | 2.5 | 5.5 | 1.5 | 1.5 | 0 | 0 | | |
| 8 | 1.8 | 12.0 | -5.0 | 2.0 | 1.0 | 0.0 | 0.5 | 0 | | 3.0 | 13.0 | -5.0 | 7.0 | 9.0 | 1.5 | 2.0 | 0 | 0 | | |
| 9 | 2.5 | 10.0 | -5.0 | 1.5 | 1.5 | 0.0 | 0.5 | 5.5 | 2.0 | 6.2 | 17.0 | -2.0 | 9.5 | 12.0 | 2.0 | 2.5 | 0 | 0 | | |
| 10 | 1.2 | 3.5 | 0.0 | 1.0 | 0.0 | 0.0 | 0.5 | 9.5 | 1.5 | 5.4 | 16.0 | 0.0 | 11.0 | 11.0 | 3.0 | 3.0 | 0 | 0 | | |
| 11 | -1.9 | 3.0 | -4.5 | -1.5 | 0.0 | 0.0 | 0.5 | 0 | | 5.1 | 14.0 | -3.5 | 6.5 | 10.0 | 3.0 | 3.5 | 9.0 | 1.5 | | |
| 12 | -3.1 | 0.0 | -6.5 | -2.0 | 0.0 | 0.0 | 0.5 | 0 | | 5.4 | 10.5 | 4.0 | 5.0 | 7.0 | 5.0 | 4.5 | 1.5 | 0.5 | | |
| 13 | -4.3 | -1.0 | -7.0 | -3.5 | -1.5 | 0.0 | 0.5 | 0 | | 3.0 | 6.0 | 0.5 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 4.0 | | |
| 14 | -4.8 | 1.5 | -10.0 | -4.5 | -2.0 | 0.0 | 0.5 | 0 | | 5.4 | 17.0 | -4.0 | 4.5 | 11.0 | 3.5 | 4.5 | 0 | 0 | | |
| 15 | -3.2 | 4.5 | -10.0 | -3.0 | -1.0 | 0.0 | 0.5 | 0 | | 11.2 | 24.5 | 1.0 | 14.5 | 18.0 | 5.5 | 5.0 | 0 | 0 | | |
| 16 | -2.0 | 4.5 | -6.5 | -2.0 | -0.5 | 0.0 | 0.5 | 0 | | 12.4 | 18.0 | 4.0 | 14.0 | 15.5 | 7.5 | 6.0 | 0 | 0 | | |
| 17 | -1.9 | 7.0 | -8.0 | -1.5 | 0.5 | 0.0 | 0.5 | 0 | | 7.1 | 13.0 | 5.0 | 7.0 | 8.0 | 8.0 | 7.0 | (12.0) | ×d | | |
| 18 | 0.9 | 9.5 | -8.0 | 0.0 | 1.5 | 0.0 | 0.5 | 3.0 | 1.0 | ×a | 10.5 | 0.5 | ×a | ×a | ×a | ×a | 0 | 0 | | |
| 19 | 0.2 | 6.5 | 0.0 | 2.5 | 2.0 | 0.0 | 0.5 | 0 | | 9.7 | 19.5 | 2.5 | 10.0 | 15.0 | 7.0 | 7.0 | 20.0 | 4.0 | | |
| 20 | -0.6 | 9.0 | -7.5 | -2.5 | 1.5 | 0.0 | 0.5 | 0 | | 7.9 | 16.0 | 3.5 | 11.0 | 15.0 | 8.5 | 7.5 | 0 | 0 | | |
| 21 | ×d | 3.5 | -6.0 | 0.0 | 0.5 | 0.0 | 0.5 | 20.0 | 2.5 | 2.5 | 11.0 | -2.5 | 3.5 | 5.5 | 6.5 | 7.5 | 0 | 0 | | |
| 22 | ×d | 4.5 | ×a | ×a | ×a | ×a | ×a | (0) | | 4.4 | 14.0 | -4.0 | 7.5 | 13.0 | 5.0 | 7.0 | 0 | 0 | | |
| 23 | -2.4 | 5.0 | -7.0 | -1.0 | 0.5 | 0.0 | 0.5 | 0 | | 7.6 | 15.0 | -2.5 | 9.5 | 15.0 | 6.0 | 7.0 | 0 | 0 | | |
| 24 | -1.3 | 7.5 | -8.0 | 0.0 | 2.0 | 0.0 | 0.5 | 0 | | 8.9 | 13.5 | 5.0 | 10.0 | 16.5 | 8.5 | 7.5 | 0 | 0 | | |
| 25 | 0.8 | 10.0 | -6.5 | 2.5 | 3.0 | 0.0 | 0.5 | 0 | | 6.2 | 13.5 | 7.0 | 10.0 | 14.0 | 9.0 | 8.0 | 0.5 | 0.5 | | |
| 26 | 1.6 | 11.0 | -4.5 | 3.5 | 4.0 | 0.0 | 0.5 | 0 | | 5.3 | 16.0 | -4.5 | 8.5 | 14.0 | 6.0 | 8.0 | 0.5 | 0.5 | | |
| 27 | 1.9 | 11.5 | -5.0 | 4.0 | 4.5 | 0.0 | 0.5 | 4.0 | 2.5 | 8.6 | 16.5 | -0.5 | 10.5 | 17.5 | 7.5 | 8.0 | 0 | 0 | | |
| 28 | 2.8 | 8.0 | -2.0 | 3.0 | 3.0 | 0.0 | 0.5 | 3.5 | 1.0 | 10.0 | 19.5 | -1.0 | 13.5 | 17.5 | 7.5 | 8.5 | 0 | 0 | | |
| 29 | 2.3 | 12.0 | -2.5 | 3.0 | 3.0 | 0.0 | 0.5 | 0 | | 8.7 | 12.0 | 6.5 | 7.5 | 8.5 | 9.0 | 9.0 | 0.5 | 0.5 | | |
| 30 | 2.5 | 12.5 | -4.5 | 4.5 | 6.5 | 0.0 | 0.5 | 0 | | 13.4 | 17.5 | 7.5 | 12.0 | 15.0 | 9.5 | 8.5 | 2.0 | 1.0 | | |
| 31 | -0.5 | 8.0 | -3.5 | -0.5 | 2.0 | 0.0 | 0.5 | 0 | | | | | | | | | | | | |
| 平均 | (-0.5) | 6.6 | (-5.6) | (0.0) | (1.0) | (0.0) | (0.5) | 51.0 | 3.5 | (5.7) | 13.1 | (-0.2) | (7.3) | (10.2) | (4.7) | (4.9) | 114.5 | 8.0 | | |
| 上旬 | 0.0 | 6.7 | -4.9 | -0.4 | 0.1 | -0.1 | 0.5 | 20.5 | 3.5 | 2.3 | 9.5 | -3.0 | 4.3 | 5.5 | 0.9 | 1.5 | 61.5 | 8.0 | | |
| 中旬 | -2.1 | 4.5 | -6.8 | -1.6 | 0.1 | 0.0 | 0.5 | 3.0 | 1.0 | (7.5) | 14.9 | 1.4 | (8.6) | (11.6) | (5.9) | (5.6) | 49.5 | (4.0) | | |
| 下旬 | (0.9) | 8.5 | (-5.0) | (1.9) | (2.9) | (0.0) | (0.5) | 27.5 | 2.5 | 7.6 | 14.9 | 1.1 | 9.3 | 13.7 | 7.5 | 7.9 | 3.5 | 1.0 | | |

| 種目 | 5 月 | | | | | | | | | | 6 月 | | | | | | | | | |
|-------|---------|--------|--------|--------------|--------|--------|----------|--------|--------|--------|---------|--------|--------|--------------|--------|--------|----------|---------|--------|--------|
| | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 |
| 1 | 16.0 | 18.5 | 10.0 | 15.5 | 18.0 | 11.5 | 9.5 | 24.5 | 15.0 | 0 | 10.3 | 21.0 | 1.0 | 15.0 | 19.0 | 12.5 | 14.0 | 0 | 0 | 0 |
| 2 | 11.1 | 18.0 | 12.0 | 16.0 | 20.5 | 13.0 | 11.0 | 0.5 | 0.5 | 0 | 12.1 | 22.5 | 3.0 | 15.5 | 20.0 | 13.0 | 14.5 | 0 | 0 | 0 |
| 3 | 8.6 | 17.5 | -1.0 | 12.0 | 18.0 | 10.0 | 11.0 | 0 | 0 | 0 | 13.5 | 21.5 | 3.5 | 15.5 | 19.0 | 13.5 | 14.5 | 22.5 | 5.5 | 5.5 |
| 4 | 11.4 | 19.5 | 5.5 | 14.5 | 19.5 | 10.5 | 10.5 | 0 | 0 | 0 | 11.7 | 14.5 | 9.5 | 9.5 | 10.5 | 14.0 | 15.0 | 6.5 | 2.5 | 2.5 |
| 5 | 10.9 | 19.5 | 3.5 | 13.0 | 17.0 | 10.0 | 10.5 | 0 | 0 | 0 | 14.2 | 21.5 | 6.5 | 14.5 | 20.0 | 13.5 | 14.0 | 0.5 | 0.5 | 0.5 |
| 6 | 10.1 | 13.5 | 6.5 | 10.0 | 13.0 | 10.5 | 10.5 | 7.0 | 2.0 | 0 | 14.4 | 22.0 | 7.0 | 16.0 | 20.0 | 14.5 | 15.0 | 0 | 0 | 0 |
| 7 | 9.6 | 12.0 | 7.5 | 9.0 | 12.0 | 10.5 | 10.5 | 5.5 | 2.0 | 0 | 14.4 | 21.5 | 8.0 | 16.0 | 21.0 | 16.0 | 15.5 | 0 | 0 | 0 |
| 8 | 11.7 | 16.5 | 8.5 | 12.0 | 12.5 | 11.5 | 10.5 | 0.5 | 0.5 | 0 | 15.3 | 24.0 | 8.0 | 17.5 | 23.5 | 16.0 | 16.0 | 0 | 0 | 0 |
| 9 | 14.3 | 18.5 | 8.0 | 16.5 | 22.0 | 12.0 | 11.0 | 6.0 | 2.0 | 0 | 16.8 | 25.0 | 9.5 | 17.5 | 22.5 | 16.5 | 16.0 | 0 | 0 | 0 |
| 10 | 13.9 | 16.0 | 12.5 | 13.0 | 13.5 | 13.0 | 11.5 | 11.5 | 5.0 | 0 | 16.6 | 22.5 | 11.5 | 17.5 | 21.5 | 17.5 | 16.5 | 0 | 0 | 0 |
| 11 | 9.4 | 12.5 | 7.5 | 9.5 | 12.0 | 12.5 | 12.0 | 0.5 | 0.5 | 0 | × | × | × | × | × | × | × | × | 2.0 | 1.0 |
| 12 | 10.6 | 20.5 | 2.0 | 12.5 | 18.5 | 10.5 | 11.5 | 0 | 0 | 0 | × | 23.5 | × | 18.5 | 22.5 | 16.5 | 16.0 | 7.0 | 4.5 | 4.5 |
| 13 | 12.7 | 20.5 | 4.5 | 14.5 | 19.0 | 11.5 | 11.5 | 0 | 0 | 0 | 16.6 | 23.0 | 13.5 | 15.5 | 18.0 | 16.5 | 16.5 | 2.5 | 2.0 | 2.0 |
| 14 | 12.9 | 21.5 | 9.0 | 15.5 | 20.5 | 13.0 | 12.5 | 0 | 0 | 0 | × | 25.0 | × | 17.5 | 24.5 | 16.5 | 16.5 | 0 | 0 | 0 |
| 15 | 12.9 | 22.5 | 3.5 | 17.0 | 21.5 | 12.0 | 12.5 | 0 | 0 | 0 | 19.3 | 26.5 | 10.0 | 20.0 | 27.0 | 17.0 | 17.0 | 4.0 | 1.0 | 1.0 |
| 16 | 14.9 | 23.5 | 5.5 | 15.5 | 20.5 | 13.0 | 12.5 | 0 | 0 | 0 | 19.3 | 22.0 | 18.5 | 19.5 | 19.0 | 19.0 | 17.5 | 2.0 | 1.0 | 1.0 |
| 17 | 14.5 | 18.5 | 12.0 | 15.0 | 17.5 | 14.0 | 13.0 | 4.5 | 1.5 | 0 | 20.2 | 26.5 | 16.0 | 22.0 | 27.0 | 18.5 | 17.5 | 0 | 0 | 0 |
| 18 | 13.1 | 15.0 | 11.0 | 11.5 | 13.0 | 13.5 | 13.0 | 25.0 | 6.5 | 0 | 20.6 | 28.0 | 15.0 | 21.5 | 27.5 | 19.0 | 18.0 | 0 | 0 | 0 |
| 19 | 14.4 | 20.5 | 11.5 | 14.5 | 15.0 | 13.5 | 13.0 | 0.5 | 0.5 | 0 | 19.3 | 23.5 | 15.5 | 21.0 | 22.5 | 20.0 | 18.5 | 2.5 | 2.0 | 2.0 |
| 20 | 11.5 | 18.5 | 8.0 | 14.5 | 20.0 | 13.0 | 13.0 | 0 | 0 | 0 | 18.7 | 23.0 | 13.8 | 21.5 | 28.0 | 18.5 | 18.0 | 12.0 | 3.0 | 3.0 |
| 21 | 10.9 | 18.5 | 3.5 | 13.5 | 19.5 | 12.5 | 13.0 | 0 | 0 | 0 | 20.1 | 22.5 | 18.0 | 21.0 | 19.5 | 19.0 | 18.0 | 4.0 | 2.0 | 2.0 |
| 22 | 12.3 | 22.0 | 5.5 | 14.5 | 23.0 | 12.5 | 13.0 | 0 | 0 | 0 | 18.6 | 22.0 | 18.0 | 20.0 | 20.5 | 19.5 | 18.5 | 58.5 | 29.5 | 29.5 |
| 23 | × | 23.5 | 3.5 | 14.0 | 20.0 | 12.5 | 13.0 | 0 | 0 | 0 | 17.6 | 19.0 | 15.5 | 19.0 | 19.5 | 18.0 | 18.0 | 21.0 | 4.5 | 4.5 |
| 24 | × | × | × | × | × | × | × | × | × | 0 | 18.3 | 20.5 | 17.0 | 18.5 | 18.5 | 18.0 | 18.0 | (18.0) | (6.0) | (6.0) |
| 25 | 16.3 | 26.0 | 8.5 | 18.5 | 23.0 | 14.0 | 14.0 | 0 | 0 | 0 | 17.4 | 19.5 | 16.5 | 18.0 | 19.0 | 18.0 | 18.0 | (9.0) | (2.0) | (2.0) |
| 26 | 16.4 | 25.0 | 9.5 | 18.5 | 24.0 | 15.0 | 14.5 | 0.5 | 0.5 | 0 | 18.4 | 22.5 | 16.0 | 18.0 | 20.0 | 18.0 | 18.0 | (0) | (0) | (0) |
| 27 | 17.2 | 26.5 | 10.0 | 18.5 | 23.5 | 15.0 | 14.5 | 0.5 | 0.5 | 0 | 19.3 | 21.0 | 17.0 | 19.0 | 19.5 | 18.5 | 18.0 | (3.5) | (1.0) | (1.0) |
| 28 | 17.3 | 26.0 | 9.5 | 18.5 | 21.5 | 15.5 | 15.0 | 0 | 0 | 0 | 19.6 | 24.0 | 17.5 | 20.0 | 23.5 | 19.0 | 18.0 | (11.0) | (6.5) | (6.5) |
| 29 | 15.7 | 22.0 | 12.0 | 18.0 | 22.5 | 17.0 | 15.5 | 2.0 | 1.0 | 0 | 19.4 | 24.0 | 15.0 | 19.0 | 22.0 | 19.5 | 19.0 | (20.0) | (15.5) | (15.5) |
| 30 | 10.8 | 16.0 | 11.5 | 16.0 | 16.0 | 16.0 | 15.5 | 8.0 | 5.0 | 0 | 18.9 | 23.0 | 17.0 | 19.0 | 22.5 | 20.0 | 19.0 | 11.0 | 3.0 | 3.0 |
| 31 | 7.8 | 15.5 | 0.5 | 10.5 | 18.0 | 12.0 | 14.5 | 0 | 0 | 0 | | | | | | | | | | |
| 平均計極値 | 月 | (12.7) | (19.5) | (7.4) | (14.4) | (18.5) | (12.7) | (12.5) | 97.0 | 15.0 | (17.1) | (22.6) | (12.5) | (18.0) | (20.6) | (17.1) | (16.9) | (217.5) | 29.5 | 29.5 |
| | 上旬 | 11.8 | 17.0 | 7.3 | 13.2 | 16.6 | 11.4 | 10.7 | 55.5 | 15.0 | 13.9 | 21.6 | 6.8 | 15.5 | 19.7 | 14.7 | 15.1 | 29.5 | 5.5 | 5.5 |
| | 中旬 | 12.7 | 19.4 | 7.5 | 14.0 | 17.8 | 12.7 | 12.5 | 30.5 | 6.5 | (19.1) | (24.6) | (14.6) | (19.7) | (21.8) | (17.9) | (17.3) | 32.0 | 4.5 | 4.5 |
| | 下旬 | (13.9) | (22.1) | (7.4) | (16.1) | (21.1) | (14.2) | (14.3) | 11.0 | 5.5 | 18.8 | 21.8 | 16.8 | 19.2 | 20.5 | 18.8 | 18.3 | (156.0) | 29.5 | 29.5 |
| 種目 | 7 月 | | | | | | | | | | 8 月 | | | | | | | | | |
| 日 | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 |
| 1 | 18.8 | 22.5 | 16.5 | 17.5 | 18.5 | 19.5 | 19.5 | 1.0 | 1.0 | × | × | 23.5 | 30.0 | 17.5 | 25.0 | 27.5 | 22.0 | 22.0 | 0 | 0 |
| 2 | 21.8 | 27.5 | 17.0 | 21.5 | 28.5 | 19.5 | 19.0 | 2.0 | 2.0 | × | × | 21.1 | 26.0 | 16.0 | 21.0 | 21.0 | 22.0 | 22.0 | (4.5) | (1.5) |
| 3 | 22.3 | 28.0 | 18.5 | 22.0 | 26.0 | 21.0 | 20.0 | 0 | 0 | × | × | 21.9 | 24.0 | 20.0 | 22.0 | 21.0 | 21.5 | 21.5 | (15.0) | (7.0) |
| 4 | 22.6 | 29.5 | 16.0 | 23.5 | 29.5 | 21.5 | 20.5 | 0 | 0 | × | × | 21.4 | 27.5 | 17.0 | 23.0 | 25.0 | 21.0 | 21.0 | 0 | 0 |
| 5 | 23.4 | 30.0 | 18.5 | 24.0 | 27.5 | 22.0 | 21.0 | 0 | 0 | × | × | 21.4 | 28.5 | 16.0 | 21.0 | 25.0 | 21.0 | 21.0 | 0 | 0 |
| 6 | 22.3 | 29.5 | 14.5 | 23.5 | 31.0 | 21.5 | 21.0 | 0 | 0 | × | × | 22.1 | 28.5 | 15.5 | 22.5 | 26.0 | 21.5 | 21.5 | 0 | 0 |
| 7 | 23.6 | 30.5 | 20.5 | 25.0 | 32.5 | 21.5 | 21.0 | 4.0 | 4.0 | × | × | 21.4 | 28.0 | 18.0 | 23.0 | 25.5 | 22.0 | 22.0 | 0 | 0 |
| 8 | 21.4 | 30.0 | 16.5 | 24.0 | 29.5 | 22.0 | 21.5 | 1.0 | 1.0 | × | × | 18.9 | 22.5 | 15.5 | 19.5 | 21.5 | 21.5 | 21.5 | 0 | 0 |
| 9 | 21.3 | 28.5 | 16.0 | 23.5 | 31.0 | 22.0 | 21.5 | 0 | 0 | × | × | 20.0 | 26.5 | 15.5 | 21.5 | 25.0 | 20.5 | 21.0 | 0 | 0 |
| 10 | 21.6 | 27.5 | 16.5 | 23.5 | 30.0 | 22.0 | 21.5 | 0 | 0 | × | × | 21.2 | 28.0 | 16.0 | 22.5 | 25.0 | 21.0 | 21.0 | 0 | 0 |
| 11 | 20.5 | 26.0 | 17.0 | 20.5 | 23.0 | 22.0 | 21.5 | 5.5 | 2.0 | × | × | 22.8 | 30.0 | 16.5 | 23.0 | 25.0 | 21.0 | 21.0 | 0 | 0 |
| 12 | 19.8 | 24.5 | 17.5 | 20.5 | 23.0 | 21.0 | 21.0 | 6.5 | 2.5 | × | × | 22.6 | 31.5 | 17.5 | 24.0 | 26.0 | 21.5 | 21.5 | 0 | 0 |
| 13 | 18.2 | 24.5 | 14.5 | 17.5 | 20.0 | 20.0 | 21.0 | 0 | 0 | × | × | 21.1 | 27.0 | 16.0 | 23.0 | 25.0 | 21.5 | 21.5 | 0 | 0 |
| 14 | 20.1 | 27.0 | 13.5 | 22.0 | 30.0 | 20.0 | 20.0 | 0 | 0 | × | × | 21.7 | 28.0 | 19.0 | 23.0 | 28.0 | 22.0 | 21.5 | 0 | 0 |
| 15 | 21.1 | 28.5 | 14.5 | 23.0 | 29.0 | 20.5 | 20.5 | 0 | 0 | × | × | 20.9 | 27.5 | 14.5 | 20.5 | 23.0 | 21.0 | 21.5 | (5.0) | (1.5) |
| 16 | 21.4 | 28.0 | 17.5 | 21.5 | 25.5 | 21.5 | 21.0 | 0 | 0 | × | × | 21.4 | 27.0 | 19.5 | 21.0 | 22.5 | 21.5 | 21.5 | (1.5) | (1.0) |
| 17 | 20.8 | 27.5 | 16.0 | 20.5 | 23.5 | 21.5 | 21.0 | 0 | 0 | × | × | 20.1 | 23.5 | 17.5 | 20.0 | 21.0 | 21.0 | 21.5 | (3.0) | (2.5) |
| 18 | 21.1 | 27.5 | 16.5 | 22.5 | 31.5 | 21.5 | 21.0 | 0 | 0 | × | × | 22.1 | 29.0 | 17.5 | 22.0 | 26.0 | 20.5 | 21.0 | (1.0) | (1.0) |
| 19 | 20.8 | 27.0 | 16.0 | 22.0 | 26.5 | 21.0 | 21.0 | 0 | 0 | × | × | 20.4 | 27.0 | 16.0 | 22.5 | 26.0 | 21.0 | 21.5 | 0 | 0 |
| 20 | 22.1 | 28.5 | 17.0 | 23.5 | 31.0 | 21.5 | 21.0 | 0 | 0 | × | × | 20.2 | 28.0 | 13.5 | 20.0 | 24.0 | 20.0 | 21.0 | 0 | 0 |
| 21 | 23.6 | 30.0 | 20.0 | 22.5 | 24.5 | 22.0 | 21.0 | 3.5 | 2.5 | × | × | 22.1 | 28.5 | 19.0 | 22.0 | 23.0 | 21.0 | 21.0 | 0 | 0 |
| 22 | 22.2 | 27.5 | 20.0 | 21.5 | 22.0 | 22.0 | 21.5 | 0 | 0 | × | × | 19.7 | 29.5 | 15.0 | 22.5 | 26.5 | 20.5 | 21.0 | 0 | 0 |
| 23 | 22.6 | 30.0 | 16.5 | 22.0 | 28.0 | 22.0 | 21.5 | 0 | 0 | × | × | 18.8 | 29.0 | 12.0 | 19.5 | 23.5 | 19.5 | 20.5 | 0 | 0 |
| 24 | 23.1 | 31.0 | 18.0 | 23.5 | 30.0 | 22.0 | 21.5 | 6.0 | 5.5 | × | × | 18.2 | 27.5 | 13.0 | 19.0 | 23.5 | 19.0 | 20.5 | 0 | 0 |
| 25 | 19.9 | 28.5 | 19.0 | 24.0 | 27.5 | 22.0 | 21.5 | (41.0) | (31.0) | × | × | 17.5 | 26.0 | 10.0 | 18.0 | 22.5 | 18.5 | 20.0 | 0 | 0 |
| 26 | 20.2 | 27.0 | 14.5 | 20.0 | 26.0 | 20.0 | 21.0 | 0 | 0 | × | × | 19.3 | 26.0 | 13.5 | 19.0 | 22.0 | 19.0 | 20.0 | 0 | 0 |
| 27 | 22.5 | 29.5 | 17.5 | 23.0 | 28.0 | 21.5 | 21.0 | 0 | 0 | × | × | 20.5 | 27.0 | 16.0 | 20.0 | 21.5 | 20.0 | 20.0 | 0 | 0 |
| 28 | 22.4 | 28.5 | 16.5 | 23.5 | 29.0 | 22.0 | 21.5 | 0 | 0 | × | × | 21.0 | 27.5 | 15.5 | 21.5 | 25.0 | 20.0 | 20.0 | 0 | 0 |
| 29 | 22.5 | 28.0 | 18.0 | 22.5 | 27.5 | 22.0 | 21.5 | 0 | 0 | × | × | 21.2 | 27.5 | 15.5 | 22.0 | 25.0 | 20.5 | 20.5 | 0 | 0 |
| 30 | 21.7 | 28.0 | 18.0 | 22.5 | 25.5 | 22.5 | 21.5 | 0 | 0 | × | × | 20.6 | 26.5 | 15.0 | 21.5 | 24.5 | 20.0 | 20.5 | 0 | 0 |
| 31 | 22.0 | 29.5 | 16.5 | 23.0 | 26.5 | 22.0 | 22.0 | 0 | 0 | × | × | 20.4 | 27.0 | 15.5 | 21.0 | 25.0 | 20.5 | 20.5 | 0 | 0 |
| 平均計極値 | 月 | 21.5 | 28.1 | 17.0 | 22.2 | 27.1 | 21.4 | 21.0 | (70.5) | (31.0) | 20.8 | 27.4 | 16.0 | | | | | | | |

| 種目 日 | 9 月 | | | | | | | | | | 10 月 | | | | | | | | | |
|---------|---------|------|------|------|--------------|------|------|----------|--------|--------|---------|-------|--------|--------|--------------|-------|--------|----------|-------|--|
| | 気温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | 気温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | |
| | 平均 | 最高 | 最低 | 9時 | 0cm | 15cm | 30cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0cm | 15cm | 30cm | 日量 | 時間最大 | | |
| 1 | 18.3 | 22.5 | 15.0 | 20.0 | 24.0 | 20.0 | 20.5 | 0 | | 12.1 | 21.0 | 7.0 | 15.0 | 16.5 | 14.5 | 15.5 | 0 | | | |
| 2 | 18.5 | 27.0 | 14.0 | 20.0 | 23.0 | 19.0 | 20.0 | 0 | | 11.6 | 22.0 | 5.0 | 12.5 | 16.0 | 13.5 | 15.5 | 0 | | | |
| 3 | 17.1 | 21.5 | 10.5 | 18.0 | 20.0 | 18.5 | 20.0 | (8.0) | (3.0) | 10.9 | 22.0 | 4.5 | 10.0 | 14.5 | 13.0 | 15.0 | 0 | | | |
| 4 | 19.8 | 21.0 | 18.0 | 20.0 | 20.0 | 19.0 | 19.0 | (66.0) | (26.5) | 13.3 | 20.5 | 7.0 | 13.0 | 16.5 | 13.0 | 14.5 | (3.5) | (1.0) | | |
| 5 | 18.3 | 19.0 | 18.0 | 18.5 | 18.0 | 19.0 | 19.5 | (74.5) | (25.5) | 10.6 | 12.5 | 9.5 | 10.5 | 12.5 | 13.5 | 14.5 | (22.0) | (2.0) | | |
| 6 | 17.9 | 24.5 | 15.0 | 19.0 | 21.5 | 18.5 | 19.0 | 0 | | 9.8 | 14.0 | 8.5 | 12.5 | 15.0 | 12.5 | 14.0 | 0 | | | |
| 7 | 16.5 | 24.0 | 10.0 | 18.0 | 21.5 | 18.0 | 19.0 | 0 | | 8.5 | 14.0 | 5.5 | 10.0 | 13.0 | 12.5 | 14.0 | 0 | | | |
| 8 | 16.6 | 24.0 | 11.5 | 17.5 | 20.5 | 18.0 | 19.0 | 0 | | 6.8 | 16.0 | 2.0 | 7.5 | 11.0 | 11.5 | 13.5 | 0 | | | |
| 9 | 18.7 | 25.5 | 13.0 | 19.0 | 21.5 | 18.5 | 19.0 | 0 | | 9.2 | 17.0 | 1.5 | 9.0 | 12.5 | 10.5 | 13.0 | (22.0) | (5.5) | | |
| 10 | 18.9 | 22.5 | 15.0 | 19.0 | 19.5 | 19.0 | 19.0 | 0 | | 12.2 | 16.5 | 9.0 | 12.0 | 12.5 | 12.0 | 12.5 | (0.5) | (0.5) | | |
| 11 | 17.0 | 20.0 | 16.5 | 17.5 | 19.0 | 19.0 | 19.0 | (13.5) | (3.5) | 12.1 | 18.5 | 9.5 | 13.5 | 14.0 | 13.0 | 13.0 | 0 | | | |
| 12 | 15.1 | 17.0 | 14.5 | 15.5 | 16.5 | 18.0 | 19.0 | (1.0) | (0.5) | 9.4 | 18.0 | 5.5 | 10.5 | 13.0 | 12.5 | 13.5 | 0 | | | |
| 13 | 16.6 | 21.0 | 13.0 | 15.5 | 18.5 | 17.5 | 18.0 | 0 | | 5.9 | 11.0 | 3.5 | 9.0 | 11.5 | 11.0 | 13.0 | 0 | | | |
| 14 | 15.9 | 18.0 | 14.5 | 16.0 | 17.5 | 18.0 | 18.0 | (0.5) | (0.5) | 6.4 | 15.0 | -1.0 | 6.5 | 11.5 | 10.0 | 12.5 | 0 | | | |
| 15 | 18.2 | 22.5 | 14.5 | 18.0 | 19.5 | 17.5 | 18.0 | (13.5) | (3.5) | 9.4 | 12.5 | 6.0 | 9.5 | 10.5 | 11.0 | 12.0 | 0 | | | |
| 16 | 17.5 | 21.5 | 16.0 | 18.5 | 20.0 | 18.0 | 18.0 | (1.5) | (0.5) | 8.8 | 15.5 | 6.5 | 11.0 | 13.5 | 11.0 | 12.0 | 0 | | | |
| 17 | 14.8 | 22.5 | 11.5 | 16.0 | 20.0 | 17.0 | 18.0 | 0 | | 7.0 | 15.5 | 2.0 | 8.0 | 12.5 | 10.0 | 12.0 | 0 | | | |
| 18 | 14.9 | 23.5 | 7.5 | 13.5 | 18.5 | 16.0 | 17.5 | 0 | | 8.4 | 16.5 | 2.0 | 9.0 | 12.5 | 9.5 | 11.5 | 0 | | | |
| 19 | 15.6 | 24.0 | 9.5 | 16.0 | 19.0 | 16.0 | 17.5 | 0 | | 11.5 | 18.5 | 6.0 | 12.5 | 13.5 | 11.0 | 11.5 | 1.0 | 0.5 | | |
| 20 | 17.6 | 23.5 | 13.0 | 17.5 | 20.5 | 17.0 | 17.5 | (27.5) | (15.5) | 11.6 | 18.5 | 9.5 | 13.0 | 14.0 | 12.0 | 12.0 | 0 | | | |
| 21 | 15.9 | 18.0 | 16.0 | 17.0 | 18.0 | 17.5 | 17.5 | (0.5) | (0.5) | 6.8 | 13.5 | 5.0 | 9.0 | 13.0 | 11.0 | 12.0 | 0 | | | |
| 22 | 15.8 | 20.0 | 12.0 | 15.0 | 17.0 | 17.0 | 17.5 | (4.0) | (2.0) | 3.9 | 12.5 | -1.0 | 6.0 | 10.0 | 9.0 | 11.5 | 0 | | | |
| 23 | 15.1 | 18.0 | 14.0 | 14.5 | 16.0 | 17.0 | 17.5 | (13.5) | (5.0) | 6.9 | 15.5 | 0.5 | 7.0 | 10.5 | 8.5 | 10.5 | 0 | | | |
| 24 | 15.1 | 21.0 | 12.5 | 13.5 | 15.0 | 16.5 | 17.0 | 0 | | 9.6 | 14.0 | 4.5 | 9.0 | 9.0 | 9.5 | 10.5 | 0 | | | |
| 25 | 14.9 | 22.5 | 11.5 | 15.5 | 19.5 | 16.5 | 17.0 | 0 | | 10.2 | 18.0 | 6.0 | 12.5 | 13.5 | 10.0 | 10.5 | 0 | | | |
| 26 | 12.8 | 18.0 | 10.5 | 15.0 | 17.0 | 16.0 | 17.0 | 0 | | 8.9 | 16.5 | 4.0 | 10.0 | 12.5 | 9.5 | 11.0 | 0 | | | |
| 27 | 10.2 | 12.5 | 7.0 | 13.0 | 14.5 | 15.0 | 16.5 | 0 | | 10.8 | 15.5 | 4.5 | 9.0 | 9.5 | 9.5 | 11.0 | 43.0 | 4.5 | | |
| 28 | 11.3 | 14.5 | 8.5 | 12.0 | 13.5 | 14.5 | 16.0 | (8.0) | (2.0) | 13.9 | 15.5 | 9.0 | 14.5 | 13.5 | 12.0 | 11.0 | 52.5 | 5.0 | | |
| 29 | 14.4 | 18.0 | 10.5 | 12.0 | 13.0 | 14.0 | 15.5 | (19.0) | (5.5) | 7.3 | 10.0 | 9.0 | 10.0 | 10.5 | 12.0 | 12.0 | 14.0 | 4.0 | | |
| 30 | 15.4 | 21.0 | 12.0 | 17.0 | 18.0 | 15.0 | 15.5 | 0 | | 3.9 | 12.5 | -0.5 | 4.5 | 8.0 | 8.5 | 11.0 | 0 | | | |
| 31 | | | | | | | | | | 5.5 | 14.5 | -0.5 | 5.0 | 8.5 | 7.5 | 10.0 | 0 | | | |
| 平均・計極値 | 月 | 16.2 | 21.0 | 12.8 | 16.6 | 18.7 | 17.4 | 18.1 | (51.0) | (26.5) | 9.1 | 15.9 | 4.8 | 10.0 | 12.4 | 11.1 | 12.5 | (58.5) | (5.5) | |
| | 上旬 | 18.1 | 23.2 | 14.0 | 18.9 | 21.0 | 18.8 | 19.4 | (48.5) | (26.5) | 10.5 | 17.6 | 6.0 | 11.2 | 14.0 | 12.7 | 14.2 | (48.0) | (5.5) | |
| | 中旬 | 16.3 | 21.4 | 13.1 | 16.4 | 18.9 | 17.4 | 18.1 | (57.5) | (15.5) | 9.1 | 16.6 | 5.0 | 10.3 | 12.7 | 11.1 | 12.3 | 1.0 | -0.5 | |
| | 下旬 | 14.1 | 18.4 | 11.5 | 14.5 | 16.2 | 16.0 | 16.7 | (45.0) | (5.5) | 8.0 | 14.4 | 3.7 | 8.8 | 10.8 | 9.7 | 11.0 | 109.5 | 5.0 | |
| 種目 日 | 11 月 | | | | | | | | | | 12 月 | | | | | | | | | |
| | 気温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | 気温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | |
| | 平均 | 最高 | 最低 | 9時 | 0cm | 15cm | 30cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0cm | 15cm | 30cm | 日量 | 時間最大 | | |
| 1 | 5.1 | 14.5 | 0.5 | 5.0 | 9.0 | 7.5 | 9.5 | 0 | | -1.6 | 8.5 | -6.5 | -4.5 | -1.5 | 2.0 | 4.5 | 0 | | | |
| 2 | 6.1 | 12.0 | 1.5 | 5.0 | 6.0 | 7.5 | 9.5 | 0 | | 3.4 | 5.5 | -3.0 | 5.5 | 3.5 | 2.0 | 4.0 | 6.5 | 2.0 | | |
| 3 | 2.3 | 11.0 | -2.0 | 1.5 | 6.0 | 7.0 | 9.5 | 0 | | 0.4 | 9.0 | -2.0 | 0.0 | -0.5 | 2.0 | 4.0 | 0 | | | |
| 4 | 2.1 | 12.0 | -3.5 | 1.5 | 5.0 | 6.0 | 8.5 | 0 | | 1.8 | 7.0 | -4.0 | -1.0 | 0.0 | 2.0 | 4.0 | 14.0 | 4.5 | | |
| 5 | 3.5 | 13.0 | -2.0 | 3.0 | 6.0 | 5.5 | 8.0 | 0 | | -0.6 | 5.0 | -1.0 | -0.5 | -0.5 | 2.5 | 4.0 | 0 | | | |
| 6 | 4.7 | 15.5 | 0.0 | 4.5 | 7.5 | 6.0 | 8.0 | 0 | | -3.9 | 4.5 | -8.0 | -5.0 | -3.0 | 2.0 | 4.0 | 0 | | | |
| 7 | 6.6 | 12.5 | 1.5 | 7.5 | 8.5 | 6.5 | 8.0 | 0 | | -2.2 | 7.0 | -6.5 | -4.0 | -2.0 | 1.5 | 3.5 | 0 | | | |
| 8 | 6.5 | 15.5 | 0.5 | 6.0 | 9.0 | 6.5 | 8.0 | 0 | | 0.3 | 10.5 | -4.5 | -0.5 | 0.0 | 1.0 | 3.0 | 0 | | | |
| 9 | 4.9 | 14.0 | 1.0 | 6.0 | 9.0 | 7.0 | 8.5 | 0 | | 2.1 | 11.0 | -2.5 | -0.5 | -0.5 | 1.0 | 3.0 | 0 | | | |
| 10 | 3.4 | 12.5 | -3.0 | 3.0 | 6.0 | 5.5 | 8.0 | 0 | | 5.2 | 9.5 | 0.0 | 7.0 | 6.0 | 2.5 | 3.0 | (19.5) | x b | | |
| 11 | 4.7 | 10.5 | -0.5 | 5.0 | 7.0 | 6.0 | 7.5 | 0 | | -1.8 | 1.5 | -1.5 | -0.5 | 0.5 | 3.0 | 3.5 | 0 | | | |
| 12 | 5.3 | 8.0 | 1.5 | 6.0 | 6.5 | 6.0 | 7.5 | 38.5 | 5.0 | -3.6 | 4.0 | -8.0 | -6.5 | -3.0 | 1.5 | 3.5 | 0 | | | |
| 13 | 5.7 | 7.0 | 4.5 | 5.0 | 5.0 | 6.5 | 7.5 | 19.0 | 6.0 | -1.6 | 6.5 | -6.5 | -4.5 | -2.5 | 1.0 | 3.0 | 0 | | | |
| 14 | 7.8 | 14.0 | 4.5 | 6.0 | 6.0 | 6.5 | 7.5 | 0 | | 2.0 | 10.5 | -2.5 | 1.0 | 1.0 | 1.0 | 2.0 | 0 | | | |
| 15 | 5.6 | 10.5 | 2.5 | 9.0 | 9.0 | 6.5 | 7.5 | 0 | | 3.1 | 8.5 | 0.0 | 5.0 | 4.0 | 2.0 | 3.0 | 0 | | | |
| 16 | 2.6 | 10.0 | -1.5 | 3.5 | 4.5 | 5.5 | 7.5 | 0 | | 1.6 | 11.0 | -3.5 | -2.0 | -1.0 | 1.5 | 3.0 | 0 | | | |
| 17 | 3.3 | 7.5 | -0.5 | 5.0 | 5.0 | 5.5 | 7.0 | 2.5 | 1.5 | 2.4 | 12.0 | -2.0 | 0.0 | -0.5 | 1.5 | 3.0 | 0 | | | |
| 18 | 3.9 | 10.5 | -1.0 | 2.0 | 2.5 | 4.5 | 6.5 | 14.5 | 5.0 | 0.4 | 8.0 | -3.5 | -2.0 | -1.0 | 2.0 | 3.5 | 0 | | | |
| 19 | 8.1 | 12.5 | 2.0 | 9.5 | 9.0 | 6.5 | 6.5 | 0 | | -1.4 | 5.5 | -2.0 | -0.5 | 0.5 | 2.0 | 3.5 | 0 | | | |
| 20 | 1.8 | 9.5 | -1.5 | 5.0 | 6.0 | 5.5 | 7.0 | 0 | | -5.7 | 0.5 | -7.0 | -5.0 | -3.0 | 1.5 | 3.5 | 0 | | | |
| 21 | -0.3 | 9.5 | -5.5 | -2.5 | 0.5 | 4.0 | 6.5 | 0 | | -6.0 | 3.0 | -11.0 | -9.0 | -5.0 | 1.0 | 3.0 | 0 | | | |
| 22 | -0.2 | 9.5 | -4.5 | -1.5 | 0.5 | 3.5 | 6.0 | 0 | | -5.1 | 1.5 | -10.0 | -7.5 | -2.5 | 0.5 | 2.5 | 0 | | | |
| 23 | 3.7 | 10.0 | -2.5 | 4.5 | 3.5 | 3.5 | 5.5 | 0 | | -2.4 | 0.0 | -7.5 | -3.0 | -2.0 | 0.5 | 2.0 | (17.5) | x b | | |
| 24 | 2.6 | 9.5 | 1.5 | 2.5 | 3.0 | 4.5 | 5.5 | 0 | | -4.2 | 3.5 | -6.5 | -5.0 | -1.0 | 0.5 | 2.0 | 0 | | | |
| 25 | -0.1 | 9.5 | -5.5 | -2.0 | 0.0 | 3.0 | 5.5 | 0 | | -5.1 | 3.0 | -11.5 | -9.0 | -3.5 | 0.5 | 2.0 | 0 | | | |
| 26 | 3.3 | 8.0 | -3.0 | 2.5 | 3.0 | 3.0 | 5.0 | 13.0 | 2.5 | -3.6 | 4.5 | -9.0 | -6.5 | -3.5 | 0.5 | 1.5 | 0 | | | |
| 27 | 6.1 | 8.0 | 2.5 | 6.5 | 5.5 | 4.5 | 5.0 | 2.5 | 2.0 | -1.9 | 5.0 | -7.5 | -5.5 | -3.5 | 0.5 | 1.5 | 0 | | | |
| 28 | 3.1 | 8.5 | 3.0 | 4.5 | 6.0 | 5.0 | 5.5 | 0 | | -0.4 | 3.0 | -5.5 | 1.5 | 0.0 | 0.5 | 1.5 | 0.5 | 0.5 | | |
| 29 | -0.8 | 5.0 | -3.0 | -1.0 | 1.0 | 3.5 | 5.5 | 0 | | -3.6 | 2.0 | -8.0 | -6.0 | -3.0 | 0.5 | 1.5 | 0.5 | 0.5 | | |
| 30 | | | | | | | | | | x e | x e | -12.5 | x e | x e | 0.5 | 1.5 | 0 | | | |
| 31 | | | | | | | | | | x e | x e | x e | x e | x e | x e | x e | 0 | | | |
| 平均・計極値 | 月 | 3.7 | 10.6 | -0.6 | 3.7 | 5.2 | 5.4 | 7.1 | 90.0 | 6.0 | (-1.1) | (5.9) | (-5.5) | (-2.4) | (-0.9) | (1.4) | (2.9) | 58.5 | (4.5) | |
| | 上旬 | 4.5 | 13.3 | -0.6 | 4.3 | 7.2 | 6.5 | 8.6 | 0 | 0 | 0.5 | 7.8 | -3.8 | -4.0 | 0.2 | 1.9 | 3.7 | 40.0 | (4.5) | |
| | 中旬 | 4.9 | 10.0 | 1.0 | 5.6 | 6.1 | 5.9 | 7.2 | 74.5 | 6.0 | -0.5 | 6.8 | -3.7 | -1.5 | -0.5 | 1.7 | 3.2 | 0 | 0 | |
| | 下旬 | 1.6 | 8.6 | -2.2 | 1.1 | 2.2 | 3.7 | 5.5 | 15.5 | 2.5 | (-3.6) | (2.8) | (-8.9) | (-5.6) | (-2.7) | (0.6) | (1.9) | 18.5 | (x b) | |

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| 種目 | 1 月 | | | | | | | | | | | 2 月 | | | | | | | | | | |
|-------|----------|--------|--------|--------|--------------|--------|--------|----------|--------|-------|------|----------|-------|------|-------|--------------|---------|--------|----------|--|--|--|
| | 気 温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 気 温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | | | | |
| 1 | 3.5 | 6.5 | 3.5 | 6.5 | 1.0 | -0.5 | 0.0 | 0 | 5 | -10.1 | -8.5 | -11.0 | -9.5 | -2.0 | -0.5 | 0.0 | 0.5 | 0.5 | | | | |
| 2 | -3.1 | -1.0 | -5.0 | -4.5 | -2.5 | -0.5 | 0.0 | 4.5 | 1.5 | -9.8 | -7.5 | -13.0 | -11.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 3 | -5.2 | -2.0 | -4.5 | -3.5 | -2.5 | -0.5 | 0.5 | 3.5 | 2.5 | -10.2 | -8.5 | -11.5 | -9.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 4 | -5.3 | -2.0 | -9.0 | -6.0 | -2.5 | -0.5 | 0.0 | 0.5 | 0.5 | -7.9 | -4.5 | -11.0 | -9.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 5 | -5.0 | -2.5 | -7.0 | -6.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | -4.9 | -1.0 | -8.5 | -4.5 | -2.0 | -0.5 | 0.0 | 0.5 | 0.5 | | | | |
| 6 | -1.7 | 0.5 | -6.5 | -2.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | -6.5 | -2.5 | -8.5 | -7.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 7 | -1.6 | 0.5 | -2.5 | 0.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | -2.8 | 3.0 | -10.5 | -2.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 8 | -1.9 | 1.0 | -5.0 | -2.5 | -2.5 | -0.5 | 0.0 | 1.5 | 0.5 | -5.4 | -1.0 | -9.5 | -2.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 9 | -3.9 | -0.5 | -5.0 | -2.5 | -2.5 | -0.5 | 0.0 | 2.5 | 1.5 | -3.1 | 7.5 | -9.0 | -6.0 | -2.0 | -0.5 | 0.0 | 58.5 | 10.0 | | | | |
| 10 | -8.6 | -7.5 | -9.0 | -8.0 | -3.0 | -0.5 | 0.0 | 0 | 0 | 3.6 | 8.5 | -6.0 | 7.5 | -2.0 | -0.5 | 0.0 | 12.5 | 8.0 | | | | |
| 11 | -6.6 | -1.5 | -12.0 | -11.0 | -3.5 | -0.5 | 0.0 | 0 | 0 | -0.4 | 5.0 | -1.5 | 2.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 12 | -2.8 | -0.5 | -11.0 | -2.5 | -2.5 | -0.5 | 0.5 | 0.5 | 0.5 | -3.8 | -2.0 | -6.0 | -3.5 | -2.0 | -0.5 | 0.0 | 5.5 | 1.5 | | | | |
| 13 | -3.1 | 2.0 | -9.0 | -6.5 | -3.5 | -0.5 | 0.0 | 1.0 | 0.5 | -3.3 | 1.0 | -5.5 | -2.5 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 14 | -0.4 | 4.0 | -6.5 | -0.5 | -2.0 | -0.5 | 0.0 | 0 | 0 | -6.3 | -3.0 | -10.0 | -7.5 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 15 | 1.1 | 7.0 | -3.5 | -2.0 | -3.0 | -0.5 | 0.0 | 0 | 0 | -8.0 | -5.0 | -9.0 | -8.5 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 16 | -5.2 | -3.0 | -6.0 | -3.0 | -3.0 | -0.5 | 0.0 | 0 | 0 | -9.7 | -3.0 | -15.0 | -10.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 17 | -7.9 | -2.5 | -11.0 | -9.0 | -3.5 | -0.5 | 0.0 | 0 | 0 | -8.3 | -3.0 | -13.0 | -8.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 18 | -3.3 | 0.0 | -9.0 | -5.0 | -3.0 | -0.5 | 0.0 | 0.5 | 0.5 | -9.4 | -3.0 | -12.0 | -7.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 19 | -5.0 | -2.5 | -5.5 | -4.5 | -3.0 | -0.5 | 0.0 | 0 | 0 | -7.9 | -4.0 | -14.5 | -9.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 20 | -5.6 | 0.0 | -9.5 | -9.0 | -4.0 | -0.5 | 0.0 | 5.0 | 1.5 | -4.8 | 1.0 | -10.0 | -5.0 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 21 | × | × | × | × | × | × | × | × | × | -5.8 | -2.5 | -7.5 | -5.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 22 | × | × | × | × | × | × | × | × | × | -6.6 | -4.0 | -10.0 | -6.5 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 23 | × | × | × | × | × | × | × | × | × | -6.9 | -4.0 | -8.0 | -4.0 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 24 | × | × | × | × | × | × | × | × | × | -6.9 | 1.0 | -14.0 | -8.0 | -3.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 25 | -8.0 | -2.0 | -11.5 | -10.0 | -2.5 | -0.5 | 0.0 | 0 | 0 | -6.2 | -2.0 | -8.0 | -5.0 | -2.5 | -0.5 | 0.0 | 0 | 0 | | | | |
| 26 | -5.1 | -0.5 | -11.5 | -7.0 | -2.5 | -0.5 | 0.0 | 12.0 | 3.0 | -6.0 | 2.5 | -13.5 | -8.0 | -3.0 | -0.5 | 0.0 | 0 | 0 | | | | |
| 27 | -1.4 | -0.5 | -7.0 | -0.5 | -2.0 | -0.5 | 0.0 | 1.0 | 0.5 | -1.1 | 5.0 | -8.0 | 0.5 | -2.0 | -0.5 | -0.5 | 0 | 0 | | | | |
| 28 | -6.1 | -2.0 | -5.0 | -5.0 | -2.0 | -0.5 | 0.0 | 0 | 0 | -2.0 | 2.5 | -5.0 | -2.5 | -2.0 | -0.5 | -0.5 | (38.0) | 10.0 | | | | |
| 29 | -9.9 | -6.5 | -12.0 | -10.0 | -2.0 | -0.5 | 0.0 | 1.5 | 0.5 | | | | | | | | | | | | | |
| 30 | -6.1 | -4.0 | -11.5 | -5.5 | -2.0 | -0.5 | 0.0 | 0.5 | 0.5 | | | | | | | | | | | | | |
| 31 | -7.7 | -6.5 | -8.0 | -7.5 | -2.0 | -0.5 | 0.0 | 1.0 | 0.5 | | | | | | | | | | | | | |
| 平均計極値 | 月 (-4.3) | (-1.0) | (-7.4) | (-4.8) | (-2.5) | (-0.6) | (0.0) | 42.5 | 3.0 | -5.7 | -1.6 | -9.6 | -5.6 | -2.2 | -0.5 | 0.0 | (115.5) | 10.0 | | | | |
| | 上旬 | -3.3 | -0.8 | -5.0 | -3.0 | -2.2 | -0.5 | 0.1 | 12.5 | 2.5 | -5.7 | -1.5 | -9.9 | -5.8 | -2.0 | -0.5 | 0.0 | 72.0 | 10.0 | | | |
| | 中旬 | -3.9 | 0.3 | -8.3 | -5.3 | -3.1 | -0.5 | 0.1 | 7.0 | 1.5 | -6.2 | -1.6 | -9.7 | -6.1 | -2.3 | -0.5 | 0.0 | 5.5 | 1.5 | | | |
| | 下旬 | (-6.3) | (-3.1) | (-9.4) | (-6.3) | (-2.2) | (-0.5) | (0.0) | 23.0 | 3.0 | -5.2 | -1.9 | -9.3 | -4.8 | -2.4 | -0.5 | -0.1 | (38.0) | 10.0 | | | |
| 種目 | 3 月 | | | | | | | | | | | 4 月 | | | | | | | | | | |
| | 気 温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 気 温 (°C) | | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | | | | |
| 1 | -8.2 | -5.5 | -8.5 | -7.0 | -2.0 | -0.5 | -0.5 | × | × | -2.7 | 3.0 | -8.5 | -3.0 | 0.5 | 0.0 | 0.0 | × | × | | | | |
| 2 | -5.1 | 2.0 | -12.5 | -5.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 0.2 | 4.0 | -3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 3 | 0.3 | 5.0 | -7.0 | -1.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | -1.0 | 2.0 | -1.0 | 0.0 | -2.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 4 | 1.6 | 6.0 | -1.0 | 4.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 0.3 | 6.0 | -3.0 | 2.0 | -2.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 5 | -2.4 | 4.0 | -5.0 | -4.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 1.6 | 9.0 | -5.0 | 4.0 | -2.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 6 | -1.8 | 5.0 | -7.0 | -2.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 1.0 | 2.5 | -1.5 | 1.0 | -1.5 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 7 | 0.4 | 8.0 | -5.5 | 0.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | -1.7 | 6.0 | -2.0 | -1.0 | -2.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 8 | 1.6 | 9.0 | -3.5 | 3.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 4.3 | 11.0 | -4.5 | 6.0 | -1.0 | 0.0 | 0.0 | 〃 | 〃 | | | | |
| 9 | 1.3 | 7.5 | -4.0 | 1.0 | -1.5 | -0.5 | 0.0 | 〃 | 〃 | 8.4 | 14.0 | 1.0 | 11.0 | 6.5 | 0.0 | 0.5 | 〃 | 〃 | | | | |
| 10 | -0.6 | 1.0 | -2.0 | 0.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 6.8 | 13.0 | 6.0 | 11.0 | 9.5 | 2.5 | 2.0 | 〃 | 〃 | | | | |
| 11 | -4.6 | -2.0 | -5.0 | -3.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 4.5 | 11.5 | -2.5 | 5.5 | 7.5 | 2.0 | 2.5 | 〃 | 〃 | | | | |
| 12 | -5.9 | -3.5 | -9.0 | -4.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 3.4 | 6.5 | 2.5 | 3.5 | 3.5 | 3.5 | 3.5 | 〃 | 〃 | | | | |
| 13 | -6.4 | -2.5 | -9.5 | -4.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 1.9 | 4.5 | 1.5 | 3.5 | 2.0 | 3.5 | 3.5 | 〃 | 〃 | | | | |
| 14 | -6.0 | -1.0 | -11.5 | -5.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 5.3 | 15.5 | 3.5 | 4.5 | 8.0 | 3.0 | 3.0 | 〃 | 〃 | | | | |
| 15 | -4.4 | 1.0 | -10.0 | -3.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 12.1 | 21.0 | 4.0 | 15.5 | 13.5 | 5.0 | 4.5 | 〃 | 〃 | | | | |
| 16 | -4.1 | 1.5 | -9.0 | -3.0 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 11.2 | 18.5 | 4.5 | 11.0 | 8.0 | 6.5 | 5.5 | 〃 | 〃 | | | | |
| 17 | -2.6 | 4.0 | -7.0 | -1.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 5.8 | 10.0 | 3.5 | 4.0 | 6.5 | 7.0 | 6.5 | 〃 | 〃 | | | | |
| 18 | 0.2 | 6.5 | -7.5 | 0.0 | -1.0 | -0.5 | 0.0 | 〃 | 〃 | 3.9 | 9.5 | 1.0 | 5.5 | 7.5 | 6.0 | 6.0 | 〃 | 〃 | | | | |
| 19 | -0.9 | 4.0 | -1.0 | -0.5 | -2.0 | -0.5 | -0.5 | 〃 | 〃 | 8.5 | 17.0 | 2.5 | 9.5 | 12.5 | 6.0 | 5.5 | 〃 | 〃 | | | | |
| 20 | -1.7 | 5.5 | -7.5 | -1.0 | -1.0 | -0.5 | -0.5 | 〃 | 〃 | 7.1 | 14.5 | 2.5 | 13.0 | 14.0 | 7.0 | 7.0 | 〃 | 〃 | | | | |
| 21 | -1.8 | 1.5 | -5.0 | -2.0 | -1.5 | -0.5 | 0.0 | 〃 | 〃 | 2.1 | 9.0 | -0.5 | 1.5 | 4.0 | 6.0 | 7.0 | 〃 | 〃 | | | | |
| 22 | -0.2 | 4.0 | -1.5 | 0.5 | -2.0 | -0.5 | 0.0 | 〃 | 〃 | 3.2 | 10.0 | -3.0 | 5.5 | 10.5 | 5.0 | 6.0 | 〃 | 〃 | | | | |
| 23 | -2.9 | 2.0 | -6.5 | 2.0 | -1.0 | -0.5 | 0.0 | 〃 | 〃 | 6.5 | 12.5 | -1.0 | 8.0 | 11.5 | 5.5 | 6.5 | 〃 | 〃 | | | | |
| 24 | × | × | -6.0 | 1.5 | -1.0 | -0.5 | 0.0 | 〃 | 〃 | 7.1 | 10.0 | 4.0 | 6.5 | 8.5 | 7.0 | 7.0 | 〃 | 〃 | | | | |
| 25 | 1.9 | 8.0 | -5.0 | 2.0 | 0.0 | -0.5 | 0.0 | 〃 | 〃 | 4.6 | 12.0 | 3.5 | 9.0 | 11.0 | 7.5 | 7.0 | 〃 | 〃 | | | | |
| 26 | 1.7 | 7.5 | -3.5 | 3.5 | 0.5 | 0.0 | 0.0 | 〃 | 〃 | 4.6 | 12.5 | -2.5 | 6.0 | 9.5 | 5.5 | 6.5 | 〃 | 〃 | | | | |
| 27 | 2.3 | 9.0 | -3.0 | 4.0 | 1.5 | 0.0 | 0.0 | 〃 | 〃 | 8.1 | 14.5 | 1.0 | 9.0 | 12.0 | 6.5 | 7.0 | 〃 | 〃 | | | | |
| 28 | 2.3 | 6.0 | -1.0 | 0.5 | -1.5 | -0.5 | 0.0 | 〃 | 〃 | 9.8 | 17.0 | 2.0 | 11.0 | 13.5 | 7.0 | 7.5 | 〃 | 〃 | | | | |
| 29 | 1.3 | 9.5 | -3.0 | 0.0 | 0.5 | -0.5 | 0.0 | 〃 | 〃 | 6.1 | 9.5 | 5.0 | 5.0 | 5.5 | 8.0 | 8.0 | 〃 | 〃 | | | | |
| 30 | 2.1 | 10.0 | -3.0 | 5.5 | 3.0 | 0.0 | 0.0 | 〃 | 〃 | 10.1 | 14.5 | 4.5 | 9.5 | 10.5 | 8.0 | 7.5 | × | × | | | | |
| 31 | -2.9 | 4.0 | -5.5 | -4.0 | -0.5 | 0.0 | 0.0 | × | × | | | | | | | | | | | | | |
| 平均計極値 | 月 (-1.5) | (3.9) | -5.7 | -0.8 | -1.3 | -0.4 | 0.0 | (95.0) | × | 4.8 | 10.7 | 0.5 | 5.9 | 6.2 | 3.9 | 4.0 | (190.0) | × | | | | |
| | 上旬 | -1.3 | 4.2 | -5.6 | -1.3 | -2.0 | -0.5 | -0.1 | (46.0) | × | 1.7 | 7.1 | -2.2 | 3.1 | 0.6 | 0.3 | 0.3 | (94.0) | × | | | |
| | 中旬 | -3.6 | 1.4 | -7.7 | -2.6 | -1.8 | -0.5 | -0.1 | (3.0) | × | 6.4 | 12.9 | 2.3 | 7.6 | 8.3 | 5.0 | 4.8 | (83.0) | × | | | |
| | 下旬 | (0.4) | (6.2) | -3.9 | 1.2 | -0.2 | -0.3 | 0.0 | (46.0) | × | 6.2 | 12.2 | 1.3 | 7.1 | 9.7 | 6.6 | 7.0 | (13.0) | × | | | |

| 月 日 | 5 月 | | | | | | | | | | 6 月 | | | | | | | | | |
|--------|---------|------|------|--------------|------|-------|----------|------|---------|-------|---------|------|--------|--------------|--------|--------|----------|--------|-------|------|
| | 气温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 气温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 |
| 1 | 12.8 | 20.0 | 7.0 | 14.5 | 14.5 | 9.0 | 8.0 | × | × | × | × | 10.3 | 18.5 | 3.0 | 15.0 | 18.0 | 12.5 | 13.5 | 0 | 0 |
| 2 | 9.9 | 16.5 | 8.5 | 15.5 | 15.0 | 10.5 | 9.5 | 〃 | 〃 | 〃 | 〃 | 11.4 | 19.5 | 4.0 | 15.0 | 18.0 | 13.0 | 13.5 | 0 | 0 |
| 3 | 9.7 | 16.0 | 3.0 | 11.5 | 13.5 | 9.0 | 9.5 | 〃 | 〃 | 〃 | 〃 | 12.1 | 18.0 | 4.5 | 15.0 | 17.5 | 13.0 | 14.0 | 31.0 | 8.5 |
| 4 | 10.8 | 17.0 | 5.5 | 14.0 | 14.5 | 10.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 10.2 | 17.0 | 8.0 | 8.0 | 9.5 | 13.0 | 14.0 | 13.5 | 4.0 |
| 5 | 10.4 | 17.5 | 4.0 | 11.5 | 13.0 | 10.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 13.4 | 19.5 | 8.0 | 17.0 | 17.0 | 12.5 | 13.0 | 8.0 | 3.5 |
| 6 | 7.9 | 11.5 | 4.5 | 7.5 | 10.5 | 10.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 12.8 | 18.0 | 6.0 | 14.5 | 15.5 | 13.0 | 13.5 | 0 | 0 |
| 7 | 8.1 | 10.0 | 6.5 | 7.0 | 8.5 | 9.5 | 10.0 | 〃 | 〃 | 〃 | 〃 | 12.3 | 17.5 | 7.0 | 14.5 | 19.0 | 14.0 | 14.0 | 0 | 0 |
| 8 | 9.3 | 13.0 | 7.0 | 9.0 | 10.0 | 10.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 13.4 | 21.0 | 7.0 | 15.5 | 19.0 | 14.0 | 14.5 | 0 | 0 |
| 9 | 11.8 | 18.0 | 5.0 | 13.5 | 13.5 | 9.5 | 9.5 | 〃 | 〃 | 〃 | 〃 | 14.7 | 22.0 | 7.5 | 16.5 | 19.5 | 15.0 | 15.0 | 0 | 0 |
| 10 | 11.4 | 14.0 | 9.0 | 11.0 | 12.0 | 11.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 14.1 | 19.5 | 9.5 | 14.0 | 15.5 | 15.5 | 15.5 | 0 | 0 |
| 11 | 7.6 | 10.5 | 6.0 | 8.0 | 10.0 | 10.5 | 10.5 | 〃 | 〃 | 〃 | 〃 | 11.9 | 16.0 | 7.5 | 12.5 | 15.0 | 15.0 | 15.0 | 11.0 | 2.5 |
| 12 | 8.8 | 16.0 | 1.0 | 11.5 | 14.0 | 9.0 | 10.0 | 〃 | 〃 | 〃 | 〃 | 15.1 | 20.0 | 11.5 | 15.5 | 17.5 | 15.0 | 15.0 | 6.0 | 3.0 |
| 13 | 11.1 | 17.0 | 4.0 | 13.0 | 16.0 | 10.0 | 10.5 | 〃 | 〃 | 〃 | 〃 | 13.5 | 18.5 | 11.5 | 13.5 | 15.0 | 15.0 | 15.0 | 2.5 | 1.5 |
| 14 | 11.6 | 17.0 | 7.0 | 14.0 | 15.0 | 11.5 | 11.0 | 〃 | 〃 | 〃 | 〃 | 14.7 | 21.0 | 9.0 | 17.0 | 19.0 | 15.0 | 15.0 | 0 | 0 |
| 15 | 11.5 | 19.0 | 4.0 | 15.0 | 17.0 | 11.0 | 11.0 | × | × | × | × | 16.7 | 23.0 | 10.0 | 18.5 | 20.0 | 15.5 | 15.5 | 34.5 | 6.0 |
| 16 | 13.4 | 20.5 | 5.0 | 15.5 | 19.0 | 11.5 | 12.0 | 0 | 0 | 0 | 0 | 17.3 | 19.0 | 15.0 | 18.0 | 17.0 | 17.0 | 16.5 | 11.0 | 5.5 |
| 17 | 12.4 | 15.5 | 10.0 | 12.5 | 14.5 | 13.0 | 12.5 | 8.5 | 1.5 | 1.5 | 1.5 | 17.4 | 23.0 | 14.0 | 18.5 | 18.5 | 17.0 | 16.5 | 0 | 0 |
| 18 | 11.1 | 13.0 | 9.5 | 10.0 | 11.5 | 12.5 | 12.5 | 48.0 | 8.5 | 8.5 | 8.5 | 17.6 | 24.0 | 12.0 | 20.5 | 23.0 | 17.0 | 16.5 | 1.0 | 0.5 |
| 19 | 12.5 | 18.0 | 10.0 | 13.0 | 13.0 | 12.0 | 12.0 | 0 | 0 | 0 | 0 | 16.9 | 19.5 | 13.5 | 18.0 | 18.5 | 18.0 | 17.5 | 12.0 | 4.5 |
| 20 | 9.9 | 15.0 | 6.5 | 12.0 | 16.0 | 12.0 | 12.0 | 0 | 0 | 0 | 0 | 17.3 | 21.0 | 12.5 | 20.0 | 22.5 | 17.5 | 17.0 | 44.5 | 6.5 |
| 21 | 9.6 | 13.5 | 3.5 | 12.5 | 15.5 | 11.5 | 12.0 | 0 | 0 | 0 | 0 | 18.0 | 20.5 | 16.0 | 19.0 | 18.5 | 18.0 | 17.5 | 21.5 | 10.5 |
| 22 | 9.9 | 17.0 | 4.0 | 11.0 | 15.0 | 11.0 | 12.0 | 0 | 0 | 0 | 0 | 16.9 | 19.0 | 15.0 | 17.5 | 17.5 | 18.0 | 18.0 | 91.5 | 22.5 |
| 23 | 12.1 | 19.0 | 3.5 | 14.0 | 18.0 | 12.0 | 12.5 | 0 | 0 | 0 | 0 | 15.6 | 17.5 | 15.0 | 16.0 | 16.0 | 17.5 | 18.0 | 28.0 | 4.0 |
| 24 | 13.5 | 20.5 | 7.0 | 15.0 | 18.5 | 13.0 | 13.0 | 0 | 0 | 0 | 0 | 16.5 | 19.0 | 14.5 | 17.5 | 17.5 | 17.5 | 17.5 | 35.5 | 7.5 |
| 25 | 14.3 | 21.0 | 8.0 | 18.5 | 20.5 | 14.0 | 13.5 | 0 | 0 | 0 | 0 | 15.6 | 17.0 | 14.5 | 16.0 | 16.5 | 17.0 | 17.5 | 27.0 | 4.0 |
| 26 | 15.4 | 23.0 | 9.0 | 19.0 | 21.5 | 14.0 | 14.0 | 0 | 0 | 0 | 0 | 17.4 | 23.0 | 14.5 | 17.0 | 16.0 | 17.0 | 17.0 | 5.0 | 2.0 |
| 27 | 16.5 | 25.0 | 9.0 | 20.0 | 22.0 | 14.5 | 14.5 | 0 | 0 | 0 | 0 | 18.7 | 22.5 | 16.0 | 18.5 | 17.5 | 18.0 | 18.0 | 10.5 | 5.0 |
| 28 | 15.8 | 23.0 | 10.0 | 17.5 | 20.5 | 15.0 | 15.0 | 0 | 0 | 0 | 0 | 17.1 | 21.0 | 14.5 | 18.5 | 20.5 | 18.5 | 18.5 | 29.0 | 11.5 |
| 29 | 14.1 | 19.0 | 10.5 | 15.5 | 19.0 | 15.5 | 15.0 | 6.5 | 1.5 | 1.5 | 1.5 | 17.1 | 21.0 | 14.0 | 16.0 | 17.0 | 18.0 | 18.5 | 4.5 | 2.0 |
| 30 | 10.3 | 15.5 | 11.0 | 15.0 | 17.5 | 15.0 | 15.0 | 12.5 | 4.5 | 4.5 | 4.5 | 16.3 | 19.0 | 14.5 | 16.0 | 17.0 | 18.5 | 18.5 | 21.0 | 4.5 |
| 31 | 7.5 | 13.0 | 3.5 | 10.5 | 15.5 | 12.5 | 14.0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 平均・計極値 | 月 | 11.3 | 17.0 | 6.5 | 13.2 | 15.3 | 11.6 | 11.6 | (134.0) | (8.5) | (8.5) | 15.1 | 19.8 | 11.0 | 16.3 | 17.6 | 15.9 | 16.0 | 448.5 | 22.5 |
| | 上旬 | 10.2 | 15.4 | 6.3 | 11.5 | 12.5 | 9.9 | 9.7 | (53.0) | × | × | 12.5 | 19.1 | 6.5 | 14.5 | 16.9 | 13.6 | 14.1 | 52.5 | 8.5 |
| | 中旬 | 11.0 | 16.2 | 6.3 | 12.5 | 14.6 | 11.3 | 11.4 | (62.0) | 8.5 | 8.5 | 15.8 | 20.5 | 11.7 | 17.2 | 18.6 | 16.2 | 16.0 | 122.5 | 6.5 |
| | 下旬 | 12.6 | 19.2 | 7.2 | 15.3 | 18.5 | 13.5 | 13.7 | 19.0 | 4.5 | 4.5 | 16.9 | 20.0 | 14.9 | 17.2 | 17.4 | 17.8 | 17.9 | 273.5 | 22.5 |
| 月 | 7 月 | | | | | | | | | | 8 月 | | | | | | | | | |
| 日 | 气温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | 气温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 日量 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 |
| 1 | 15.9 | 19.5 | 14.0 | 15.5 | 16.5 | 17.5 | 18.0 | 0.5 | 0.5 | 0.5 | 0.5 | 20.9 | 27.0 | 16.5 | 22.5 | 24.5 | 22.0 | 22.0 | 0 | 0 |
| 2 | 18.4 | 24.5 | 12.0 | 19.5 | 23.0 | 17.5 | 18.0 | 3.0 | 2.0 | 2.0 | 2.0 | 20.1 | 24.0 | 17.5 | 21.0 | 23.0 | 22.0 | 22.0 | 31.0 | 7.0 |
| 3 | 19.5 | 25.0 | 15.5 | 20.0 | 22.0 | 19.0 | 19.0 | 0 | 0 | 0 | 0 | 19.3 | (21.5) | 18.5 | (20.0) | (21.0) | (21.0) | (21.5) | 7.5 | 3.5 |
| 4 | 20.4 | 26.5 | 14.0 | 23.0 | 25.5 | 20.0 | 19.5 | 0 | 0 | 0 | 0 | 18.9 | 25.0 | 16.5 | 21.0 | 21.0 | 21.0 | 21.5 | 0 | 0 |
| 5 | 20.1 | 26.0 | 16.5 | 21.0 | 23.0 | 20.5 | 20.0 | 0 | 0 | 0 | 0 | 19.0 | 26.0 | 14.0 | 22.0 | 26.0 | 20.5 | 21.0 | 0 | 0 |
| 6 | 20.2 | 27.0 | 13.5 | 22.0 | 26.5 | 20.0 | 20.0 | 0 | 0 | 0 | 0 | 20.5 | 26.5 | 15.0 | 23.0 | 27.0 | 21.0 | 21.5 | 0 | 0 |
| 7 | 20.7 | 27.5 | 16.0 | 24.0 | 28.5 | 21.5 | 20.5 | 0 | 0 | 0 | 0 | 18.6 | 23.5 | 15.0 | 22.0 | 26.5 | 21.0 | 21.5 | 32.0 | 31.5 |
| 8 | 19.8 | 26.5 | 15.0 | 22.0 | 25.5 | 21.0 | 21.0 | 0.5 | 0.5 | 0.5 | 0.5 | 16.8 | 20.5 | 14.0 | 17.0 | 18.0 | 20.0 | 21.0 | 0.5 | 0.5 |
| 9 | 19.1 | 26.0 | 13.5 | 21.5 | 26.0 | 21.0 | 21.0 | 0 | 0 | 0 | 0 | 18.1 | 24.0 | 14.0 | 20.5 | 24.5 | 19.5 | 20.0 | 0 | 0 |
| 10 | 19.7 | 25.0 | 14.5 | 22.0 | 28.0 | 21.0 | 21.0 | 1.5 | 1.0 | 1.0 | 1.0 | 18.6 | 23.5 | 14.0 | 21.0 | 21.5 | 20.0 | 20.5 | 0 | 0 |
| 11 | 18.6 | 21.0 | 17.0 | 19.0 | 20.5 | 21.0 | 21.0 | 9.0 | 2.5 | 2.5 | 2.5 | 20.1 | 27.0 | 14.0 | 22.5 | 26.5 | 19.5 | 20.0 | 0 | 0 |
| 12 | 17.7 | 21.0 | 16.0 | 17.5 | 18.5 | 20.0 | 20.5 | 9.5 | 2.5 | 2.5 | 2.5 | 20.3 | 27.5 | 15.5 | 23.0 | 26.5 | 21.0 | 21.0 | 3.5 | 2.0 |
| 13 | 16.2 | 20.5 | 12.5 | 14.5 | 17.5 | 19.0 | 20.0 | 0 | 0 | 0 | 0 | 19.9 | 26.0 | 15.5 | 22.5 | 26.0 | 21.0 | 21.0 | 0 | 0 |
| 14 | 18.1 | 24.5 | 12.0 | 20.5 | 25.0 | 19.0 | 19.5 | 0 | 0 | 0 | 0 | 18.1 | 24.0 | 15.0 | 20.0 | 23.0 | 21.0 | 21.0 | 0 | 0 |
| 15 | 19.7 | 25.0 | 14.5 | 22.0 | 26.5 | 20.0 | 20.0 | 0 | 0 | 0 | 0 | 18.7 | 24.5 | 13.5 | 20.0 | 23.0 | 20.0 | 21.0 | 5.5 | 2.5 |
| 16 | 18.7 | 24.5 | 15.0 | 20.5 | 26.5 | 21.0 | 21.0 | 0 | 0 | 0 | 0 | 19.0 | 23.0 | 17.0 | 19.5 | 20.0 | 21.0 | 21.0 | 3.5 | 1.5 |
| 17 | 18.8 | 24.5 | 13.5 | 20.5 | 27.0 | 21.0 | 21.0 | 0 | 0 | 0 | 0 | 18.5 | 22.0 | 16.0 | 19.0 | 20.5 | 20.5 | 20.5 | 5.0 | 4.5 |
| 18 | 18.6 | 24.0 | 13.0 | 20.0 | 27.0 | 21.0 | 21.0 | 0 | 0 | 0 | 0 | 20.1 | 25.5 | 16.0 | 22.0 | 25.0 | 20.5 | 20.5 | 0.5 | 0.5 |
| 19 | 18.5 | 23.5 | 13.0 | 19.5 | 23.5 | 20.5 | 21.0 | 0 | 0 | 0 | 0 | 18.1 | 25.5 | 14.0 | 21.5 | 26.0 | 21.0 | 21.0 | 0 | 0 |
| 20 | 19.9 | 24.5 | 16.5 | 22.0 | 28.5 | 21.0 | 21.0 | 1.5 | 1.0 | 1.0 | 1.0 | 18.1 | 24.5 | 13.0 | 21.0 | 24.0 | 20.0 | 21.0 | 1.5 | 0.5 |
| 21 | 20.4 | 25.0 | 17.5 | 19.5 | 21.0 | 21.0 | 21.0 | 4.5 | 3.0 | 3.0 | 3.0 | 20.0 | 25.0 | 15.0 | 23.0 | 25.0 | 20.5 | 20.5 | 0 | 0 |
| 22 | 19.3 | 23.0 | 18.0 | 19.0 | 19.5 | 21.0 | 21.0 | 3.5 | 2.5 | 2.5 | 2.5 | 18.9 | 27.5 | 14.0 | 21.5 | 25.5 | 20.0 | 21.0 | 0 | 0 |
| 23 | 20.1 | 27.0 | 15.0 | 22.0 | 26.0 | 20.5 | 20.5 | 0 | 0 | 0 | 0 | 17.7 | 26.5 | 11.0 | 21.5 | 26.5 | 20.0 | 21.0 | 0 | 0 |
| 24 | 20.7 | 27.0 | 16.0 | 22.5 | 28.5 | 21.0 | 21.0 | 0.5 | 0.5 | 0.5 | 0.5 | 18.8 | 25.5 | 12.5 | 24.0 | 27.0 | 20.0 | 21.0 | 0 | 0 |
| 25 | 19.6 | 27.0 | 16.5 | 23.0 | 26.0 | 21.5 | 21.5 | 0 | 0 | 0 | 0 | 15.6 | 22.5 | 9.0 | 18.0 | 23.0 | 19.0 | 20.5 | 0 | 0 |
| 26 | 19.4 | 25.0 | 14.5 | 21.5 | 28.0 | 21.0 | 21.5 | 2.0 | 1.0 | 1.0 | 1.0 | 17.2 | 24.0 | 10.5 | 19.0 | 25.0 | 19.5 | 20.5 | 0 | 0 |
| 27 | 19.7 | 27.0 | 13.0 | 22.0 | 27.0 | 21.0 | 21.5 | 0 | 0 | 0 | 0 | 18.3 | 25.0 | 13.0 | 20.0 | 25.0 | 20.0 | 21.0 | 0 | 0 |
| 28 | 20.9 | 27.5 | 16.0 | 22.5 | 28.0 | 21.5 | 21.5 | 0 | 0 | 0 | 0 | 18.4 | 25.5 | 13.5 | 20.0 | 26.0 | 20.5 | 21.0 | 0 | 0 |
| 29 | 20.0 | 26.0 | 15.5 | 21.5 | 29.0 | 22.0 | 22.0 | 0 | 0 | 0 | 0 | 18.5 | 25.5 | 13.0 | 20.5 | 25.5 | 20.5 | 21.0 | 0 | 0 |
| 30 | 19.0 | 25.5 | 14.0 | 21.0 | 28.0 | 21.5 | 22.0 | 0 | 0 | 0 | 0 | 17.8 | 24.0 | 13.0 | 20.0 | 22.0 | 20.5 | 21.0 | 0 | 0 |
| 31 | 19.9 | 26.5 | 14.5 | 22.0 | 27.5 | 21.5 | 22.0 | 0 | 0 | 0 | 0 | 18.2 | 23.5 | 12.5 | 19.5 | | | | | |

| 月 種目 日 | 9 月 | | | | | | | | | 10 月 | | | | | | | | | | |
|--------------|---------|------|------|--------------|------|-------|----------|--------|---------|---------|------|------|--------------|------|------|----------|-------|-------|------|------|
| | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | |
| | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 時間最大 |
| 1 | 17.4 | 21.5 | 14.0 | 20.0 | 24.0 | 20.0 | 20.5 | 0 | | 11.4 | 19.0 | 7.5 | 13.5 | 16.0 | 14.0 | 15.5 | 0 | | | |
| 2 | 16.9 | 23.5 | 13.5 | 18.5 | 24.0 | 20.0 | 20.5 | 0 | | 11.1 | 21.5 | 6.5 | 13.5 | 16.0 | 13.5 | 15.5 | 0 | | | |
| 3 | 16.7 | 19.5 | 13.0 | 18.0 | 21.5 | 20.0 | 21.0 | 22.5 | 5.0 | 10.5 | 21.0 | 3.0 | 12.0 | 15.0 | 13.0 | 15.0 | 0 | | | |
| 4 | 18.1 | 20.0 | 17.0 | 18.5 | 20.0 | 20.0 | 20.5 | 70.5 | 18.0 | 11.8 | 19.0 | 6.0 | 13.0 | 16.0 | 13.5 | 15.0 | 2.0 | 0.5 | | |
| 5 | 16.8 | 17.5 | 16.5 | 17.5 | 16.5 | 19.0 | 20.0 | (48.5) | × | 9.3 | 11.0 | 9.0 | 9.0 | 11.0 | 14.0 | 15.0 | 20.5 | 2.0 | | |
| 6 | 15.6 | 22.0 | 12.5 | 16.5 | 19.0 | 17.5 | 19.0 | 0 | | 8.8 | 13.5 | 7.0 | 11.0 | 13.5 | 13.0 | 14.5 | 0 | | | |
| 7 | 14.8 | 21.5 | 10.0 | 16.5 | 22.0 | 18.0 | 19.5 | 0 | | 6.5 | 10.0 | 3.0 | 7.0 | 10.0 | 12.0 | 14.0 | 0 | | | |
| 8 | 15.4 | 22.0 | 9.0 | 18.0 | 23.0 | 18.0 | 19.5 | 0 | | 5.9 | 13.0 | 1.5 | 8.0 | 12.0 | 11.0 | 13.5 | 0 | | | |
| 9 | 17.6 | 24.0 | 12.0 | 19.5 | 24.0 | 19.0 | 19.5 | 0 | | 8.7 | 14.5 | 1.5 | 11.0 | 16.0 | 11.0 | 13.0 | 23.5 | 6.5 | | |
| 10 | 16.6 | 20.0 | 13.0 | 17.0 | 17.5 | 19.0 | 20.0 | 1.5 | 1.0 | 10.3 | 14.5 | 8.5 | 11.0 | 12.0 | 12.0 | 13.5 | 0.5 | 0.5 | | |
| 11 | 15.2 | 17.0 | 15.0 | 15.5 | 16.0 | 18.5 | 19.0 | 19.5 | 3.5 | 9.9 | 16.0 | 6.0 | 12.0 | 14.5 | 12.0 | 13.0 | 0 | | | |
| 12 | 13.8 | 15.0 | 13.5 | 14.0 | 15.0 | 17.5 | 18.5 | 3.5 | 1.0 | 9.3 | 17.0 | 3.5 | 10.0 | 14.0 | 11.5 | 13.5 | 0 | | | |
| 13 | 14.6 | 18.0 | 12.0 | 13.5 | 15.5 | 17.0 | 18.0 | -0.5 | 0.5 | 4.3 | 9.0 | 1.0 | 7.5 | 11.5 | 11.0 | 13.0 | 0 | | | |
| 14 | 14.9 | 16.5 | 13.5 | 14.5 | 16.0 | 17.5 | 18.0 | 5.5 | 3.5 | 5.5 | 13.5 | -1.0 | 7.0 | 13.0 | 10.0 | 12.5 | 0 | | | |
| 15 | 16.3 | 19.0 | 13.5 | 16.0 | 18.0 | 17.0 | 18.0 | 26.5 | 6.5 | 7.3 | 10.0 | 3.5 | 7.0 | 9.5 | 10.5 | 12.5 | 0 | | | |
| 16 | 15.9 | 18.5 | 15.5 | 16.0 | 15.5 | 17.5 | 18.0 | 3.0 | 1.0 | 7.5 | 12.5 | 6.0 | 10.0 | 12.0 | 11.0 | 12.0 | 0 | | | |
| 17 | 14.9 | 21.0 | 12.5 | 18.5 | 19.5 | 17.0 | 18.0 | 0 | | 5.8 | 13.5 | 0.5 | 6.5 | 11.5 | 10.0 | 12.5 | 0 | | | |
| 18 | 14.4 | 21.5 | 7.0 | 16.0 | 21.0 | 16.0 | 18.0 | 0 | | 7.3 | 14.0 | 2.5 | 9.0 | 9.0 | 10.0 | 12.0 | 0 | | | |
| 19 | 14.7 | 20.0 | 9.0 | 17.0 | 21.5 | 17.0 | 18.0 | 0 | | 9.7 | 17.0 | 4.0 | 11.0 | 12.5 | 10.0 | 12.0 | 2.0 | 1.5 | | |
| 20 | 15.6 | 19.5 | 10.5 | 17.0 | 21.0 | 17.0 | 18.0 | 30.0 | 9.5 | 9.6 | 17.0 | 7.0 | 10.0 | 11.0 | 11.5 | 12.0 | 0 | | | |
| 21 | 14.1 | 15.0 | 14.0 | 15.0 | 15.5 | 17.0 | 18.0 | 0.5 | 0.5 | 5.9 | 12.5 | 5.5 | 10.5 | 11.5 | 11.0 | 12.5 | 0 | | | |
| 22 | 13.3 | 17.5 | 11.0 | 12.0 | 13.5 | 16.0 | 17.5 | 9.0 | 4.5 | 2.9 | 11.5 | -2.0 | 3.5 | 7.5 | 8.5 | 12.0 | 0 | | | |
| 23 | 13.3 | 16.5 | 11.5 | 12.0 | 14.5 | 16.0 | 17.5 | 18.5 | 5.0 | 5.3 | 12.5 | -0.5 | 5.0 | 8.0 | 8.5 | 11.0 | 0 | | | |
| 24 | 14.1 | 20.0 | 11.0 | 12.0 | 14.0 | 16.0 | 17.0 | 0 | | 7.7 | 12.5 | 3.0 | 8.0 | 8.5 | 9.5 | 11.0 | 0 | | | |
| 25 | 13.0 | 20.0 | 9.0 | 15.0 | 19.0 | 16.0 | 17.5 | 0 | | 9.4 | 16.0 | 5.0 | 11.0 | 11.0 | 9.5 | 11.0 | 0 | | | |
| 26 | 11.3 | 18.0 | 8.5 | 12.5 | 14.0 | 15.5 | 17.0 | 0 | | 8.4 | 15.0 | 4.0 | 9.0 | 10.0 | 9.5 | 11.5 | 0 | | | |
| 27 | 10.0 | 15.0 | 6.0 | 10.5 | 14.0 | 14.5 | 16.5 | 0 | | 9.1 | 13.5 | 4.5 | 8.0 | 9.0 | 10.0 | 11.5 | 106.5 | 9.0 | | |
| 28 | 10.1 | 12.5 | 8.0 | 11.0 | 12.5 | 14.0 | 16.0 | 11.5 | 3.0 | 12.1 | 14.0 | 8.0 | 13.5 | 11.5 | 11.5 | 11.5 | 162.0 | 10.5 | | |
| 29 | 13.3 | 17.0 | 9.0 | 12.0 | 13.0 | 14.0 | 15.5 | 53.0 | 12.5 | 6.3 | 8.0 | 7.5 | 8.0 | 7.5 | 10.0 | 11.5 | 30.0 | 7.5 | | |
| 30 | 13.8 | 16.5 | 12.0 | 15.0 | 14.5 | 15.0 | 15.5 | 4.0 | 2.0 | 3.5 | 10.0 | -0.5 | 3.5 | 6.5 | 7.5 | 10.0 | 0 | | | |
| 31 | | | | | | | | | | 4.3 | 13.0 | -0.5 | 4.0 | 6.5 | 7.0 | 10.0 | 0 | | | |
| 平均計・極値 | 月 | 14.8 | 18.9 | 11.8 | 15.5 | 17.8 | 17.2 | 18.3 | (328.0) | 18.0 | 7.9 | 14.0 | 3.9 | 9.1 | 11.4 | 10.9 | 12.7 | 347.0 | 10.5 | |
| | 上旬 | 16.6 | 21.2 | 13.1 | 18.0 | 21.2 | 19.1 | 20.0 | (143.0) | 18.0 | 9.4 | 15.7 | 5.4 | 10.9 | 13.8 | 12.7 | 14.5 | 46.5 | 6.5 | |
| | 中旬 | 15.0 | 18.6 | 12.2 | 15.8 | 17.9 | 17.2 | 18.2 | 88.5 | 9.5 | 7.6 | 14.0 | 3.3 | 9.0 | 11.9 | 10.8 | 12.5 | 2.0 | 1.5 | |
| | 下旬 | 12.6 | 16.8 | 10.0 | 12.7 | 14.5 | 15.4 | 16.8 | 96.5 | 12.5 | 6.8 | 12.6 | 3.1 | 7.6 | 8.9 | 9.3 | 11.2 | 298.5 | 10.5 | |
| 月 | 11 月 | | | | | | | | | 12 月 | | | | | | | | | | |
| 種目 | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | 気温 (°C) | | | 地温 (9時) (°C) | | | 降水量 (mm) | | | | |
| 日 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 時間最大 | 平均 | 最高 | 最低 | 9時 | 0 cm | 15 cm | 30 cm | 日量 | 時間最大 | 時間最大 |
| 1 | 4.4 | 13.0 | 0.5 | 5.0 | 7.5 | 7.0 | 9.5 | 0 | | | -2.5 | 3.5 | -6.0 | -4.0 | -3.0 | 1.0 | 3.5 | 1.0 | 1.0 | |
| 2 | 3.5 | 8.0 | 0.0 | 3.0 | 5.5 | 7.0 | 9.0 | 0.5 | 0.5 | | 0.9 | 3.5 | -3.0 | 2.0 | -1.5 | 0.5 | 2.5 | 11.5 | 3.5 | |
| 3 | 1.3 | 8.5 | -2.5 | 2.0 | 6.0 | 6.0 | 9.0 | 0 | | | 0.0 | 5.0 | -2.0 | 1.5 | -2.0 | 0.5 | 2.5 | 0 | | |
| 4 | 1.4 | 9.0 | -3.5 | 0.0 | 5.0 | 5.0 | 8.5 | 0 | | | 1.0 | 4.5 | -3.0 | 0.0 | -1.5 | 0.5 | 2.0 | 18.0 | 5.5 | |
| 5 | 3.4 | 11.0 | -1.0 | 2.5 | 6.0 | 5.0 | 8.0 | 0 | | | -0.9 | 3.0 | 0.0 | 2.5 | -1.5 | 0.5 | 2.0 | 0 | | |
| 6 | 4.9 | 13.0 | 0.5 | 3.5 | 7.0 | 5.5 | 8.0 | 0 | | | -5.5 | -2.5 | -8.5 | -7.0 | -4.0 | 0.0 | 2.0 | 0 | | |
| 7 | 5.9 | 11.0 | 2.5 | 6.0 | 8.5 | 6.0 | 8.0 | 0 | | | -2.3 | 1.5 | -7.0 | -2.5 | -3.0 | 0.0 | 2.0 | 0 | | |
| 8 | 5.4 | 12.0 | 1.5 | 5.0 | 7.5 | 7.0 | 8.5 | 0 | | | -0.6 | 7.0 | -4.0 | 1.0 | -2.0 | 0.0 | 1.5 | 0 | | |
| 9 | 3.6 | 10.5 | 2.0 | 7.5 | 7.5 | 6.0 | 8.0 | 0 | | | 2.3 | 7.5 | -1.5 | 0.5 | -2.0 | 0.0 | 1.5 | 0 | | |
| 10 | 2.0 | 10.0 | -3.5 | -0.5 | 4.0 | 5.0 | 8.0 | 0 | | | 4.8 | 9.5 | 0.5 | 8.0 | 1.0 | 0.0 | 1.0 | 24.0 | 5.0 | |
| 11 | 3.6 | 8.5 | -0.5 | 5.0 | 5.5 | 5.0 | 7.5 | 0 | | | -3.1 | -2.0 | -2.5 | -2.0 | -2.0 | 0.0 | 1.0 | 0 | | |
| 12 | 3.4 | 6.0 | 0.0 | 2.5 | 5.5 | 5.5 | 7.5 | 62.0 | 9.5 | | -3.7 | -0.5 | -7.5 | -5.5 | -3.5 | 0.0 | 1.5 | 0 | | |
| 13 | 5.1 | 6.5 | 3.5 | 4.5 | 3.5 | 5.5 | 7.0 | 34.0 | 8.5 | | -0.3 | 3.5 | -5.5 | -1.5 | -3.0 | 0.0 | 1.5 | 0 | | |
| 14 | 5.6 | 9.5 | 4.0 | 6.0 | 6.0 | 6.5 | 7.0 | 0 | | | 2.4 | 6.5 | -1.5 | 2.0 | -1.5 | 0.0 | 1.0 | 0 | | |
| 15 | 4.6 | 10.5 | 1.5 | 6.5 | 6.0 | 6.0 | 7.0 | 7.0 | 5.5 | | 1.9 | 6.5 | 2.0 | 4.0 | 0.0 | 0.0 | 1.0 | 0 | | |
| 16 | 0.9 | 7.0 | -2.5 | -1.5 | 1.0 | 4.5 | 7.0 | 0 | | | -0.1 | 3.0 | -3.5 | -1.5 | -2.5 | 0.0 | 1.0 | 0 | | |
| 17 | 2.6 | 6.0 | 0.0 | 3.0 | 3.0 | 5.0 | 6.5 | 2.0 | 1.5 | | 1.4 | 5.0 | -1.5 | 1.0 | -2.0 | 0.0 | 1.0 | 0 | | |
| 18 | 3.8 | 10.0 | 0.5 | 1.5 | 1.5 | 4.0 | 6.0 | 27.5 | 9.0 | | -1.8 | 1.0 | -3.5 | -3.0 | -3.0 | 0.0 | 1.0 | 0 | | |
| 19 | 6.6 | 11.5 | 1.5 | 8.5 | 5.5 | 6.0 | 6.5 | 0 | | | -3.8 | 0.0 | -4.0 | -3.0 | -2.5 | 0.0 | 1.0 | 0 | | |
| 20 | 0.5 | 7.0 | 0.0 | 1.5 | 1.0 | 5.0 | 6.5 | 0 | | | -7.5 | -4.5 | -7.5 | -6.5 | -4.0 | 0.0 | 1.0 | 0 | | |
| 21 | -0.8 | 7.0 | -5.0 | -3.5 | -2.0 | 3.0 | 6.0 | 0 | | | -6.9 | -3.0 | -10.0 | -9.0 | -5.0 | -0.5 | 1.0 | 0 | | |
| 22 | 0.1 | 6.5 | -3.5 | -2.5 | -2.0 | 2.5 | 5.5 | 0 | | | -5.7 | -2.0 | -9.5 | -7.0 | -4.0 | -1.0 | 1.0 | 1.0 | 1.0 | |
| 23 | 1.8 | 7.0 | -2.5 | -1.0 | -1.0 | 2.5 | 5.0 | 0 | | | -2.6 | -0.5 | -7.0 | -3.5 | -3.0 | -1.0 | 0.5 | 17.0 | 3.0 | |
| 24 | 0.3 | 6.5 | -1.0 | 0.0 | 1.5 | 3.5 | 5.5 | 0 | | | -4.9 | -0.5 | -5.0 | -1.5 | -2.5 | -0.5 | 0.5 | 0 | | |
| 25 | -0.2 | 6.5 | -3.5 | -2.5 | -2.0 | 2.0 | 5.0 | 0 | | | -6.1 | -3.0 | -10.0 | -7.0 | -3.0 | -0.5 | 0.5 | 0 | | |
| 26 | 2.6 | 6.0 | -2.5 | 1.0 | 0.5 | 2.0 | 4.5 | 9.0 | 2.0 | | -3.1 | 0.0 | -7.0 | -3.5 | -3.0 | -0.5 | 0.5 | 0 | | |
| 27 | 4.7 | 7.0 | 1.0 | 5.0 | 3.5 | 4.0 | 5.0 | 4.5 | 3.0 | | -0.9 | 5.0 | 6.0 | -4.0 | -3.0 | -0.5 | 0.5 | 0 | | |
| 28 | 0.1 | 3.5 | 0.0 | 2.0 | 2.0 | 4.0 | 5.0 | 0 | | | -0.6 | 2.5 | 4.0 | 2.0 | -2.0 | -0.5 | 0.5 | 1.0 | 0.5 | |
| 29 | -1.0 | 1.0 | -4.5 | -3.0 | -1.5 | 2.5 | 5.0 | 0 | | | -4.6 | -0.5 | -7.5 | -5.5 | -3.0 | -0.5 | 0.5 | 3.0 | 1.5 | |
| 30 | -1.6 | 3.0 | -4.0 | 0.0 | -1.5 | 2.0 | 4.0 | 0 | | | -8.3 | -6.0 | -9.5 | -8.0 | -2.5 | 0.5 | 0.5 | 0 | | |
| 31 | | | | | | | | | | | -6.6 | -4.5 | -9.0 | -6.0 | -3.0 | -0.5 | 0.5 | 0 | | |
| 平均計・極値 | 月 | 2.6 | 8.1 | -0.7 | 2.2 | 3.4 | 4.7 | 6.8 | 146.5 | 9.5 | -2.2 | 1.6 | -5.0 | -2.2 | -2.5 | -0.1 | 1.2 | 76.5 | 5.5 | |
| | 上旬 | 3.6 | 10.6 | -0.4 | 3.4 | 6.5 | 6.0 | 8.6 | 0.5 | 0.5 | -0.3 | 4.3 | -3.5 | 0.2 | -2.0 | 0.3 | 2.1 | 54.5 | 5.5 | |
| | 中旬 | 3.7 | 8.3 | 0.8 | 3.8 | 3.9 | 5.3 | 6.9 | 132.5 | 9.5 | -1.5 | 1.9 | -3.5 | -1.6 | -2.4 | 0.0 | 1.1 | 0.0 | 0.0 | |
| | 下旬 | 0.6 | 5.4 | -2.6 | -0.5 | -0.3 | 2.8 | 5.1 | 13.5 | 3.0 | -4.6 | -1.1 | -7.7 | -4.8 | -3.1 | -0.6 | 0.5 | 22.0 | 3.0 | |