

寄贈

圖書室

山形県真室川町釜淵

# 気象 20 年 報

昭和 13 ~ 34 年  
(1938 ~ 1959)

農林省林業試験場東北支場  
山 形 分 場

昭和 35 年 3 月



02000-00130325-2



試  
北  
50

山形県立農業試験場

第 20 号

山形県立農業試験場

第 20 号

昭和 35 年 3 月

## 序 文

当分場は昭和11年林業試験場釜淵試験地として発足をみ、昭和22年林政統一にともなつて林業試験場秋田支場釜淵分場となり、さらに昭和34年7月林業試験場の機構改革によつて東北支場山形分場と改称されて今日に至つたのである。この間、昭和12年森林治水試験の一環として、気象観測が実施され、現在、すでに23ヵ年を経過した。しかるに、戦後の混乱期に約2ヵ年にわたつて観測を中止した期間があるので、今回、この期間を除外して、20ヵ年の気象年報を作成した。ときあたかも当分場が多雪地帯における林業研究の使命をになつて新発足をみたので、これを記念して印刷することにした。

本年報は山形県最上郡北部の気象状況を知るためには無二の気象資料であつて、単に、治山治水や林業等のためばかりでなく、広く各種産業上の参考資料として利用されるものと確信する。

なお、本年報は観測開始以来多数職員の協力による集成であつて、主なる担当者は猪瀬寅三・西宮正三・渡部松雄・菅原茂蔵・菅原泰作・伊藤利見・猪股チエ・高橋良雄・栗田シゲ子・矢作ミキ・児玉武男・大場英貴子・館石時子・片岡健次郎・片岡よし子・塩田勇・小野茂夫・佐藤勲・三浦哲夫・星川吉之助・伊藤浅次・四手井綱英・高橋敏男・菊谷昭雄・佐藤正平・遠藤泰造・井上栄子・高橋喜平・川口利次である。このうち、伊藤浅次は10年のながきにわたつて、黙々として観測に従事された。ここに特記して、前記の人々の労に対し深く謝意を表するものである。

昭和 35 年 3 月

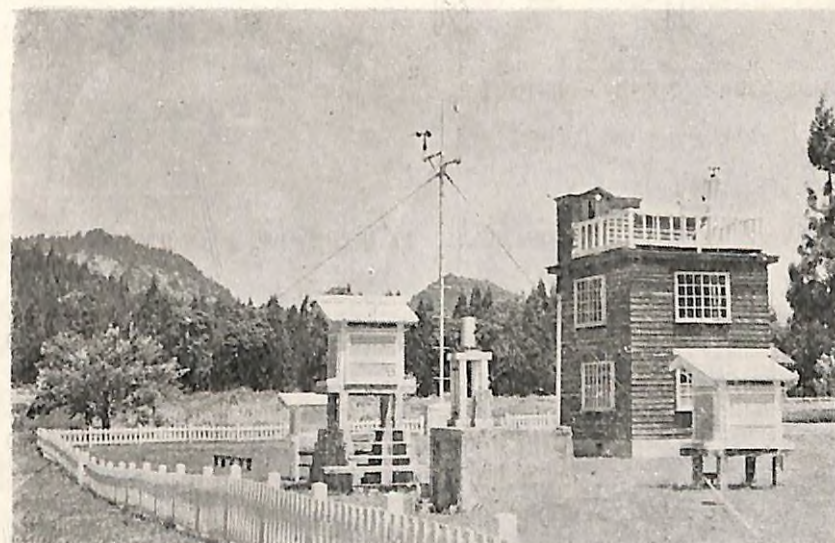
林業試験場東北支場

山形分場長 野 原 勇 太

(山形分場気象観測露場20年報)

正 誤 表

| 頁  | 項 目            | 誤       | 正        |
|----|----------------|---------|----------|
| 8  | 日照時数年平均年計      | 28669.5 | 1508.8   |
| 9  | 降水量最多日量13年12月  | 23.2    | 33.2     |
| 10 | 降水量一時間最多量27年起日 | 11 XI   | 11 IX    |
| 10 | 降水日数の平均年計      | 23.5    | 235.4    |
| 10 | 降水日数の年計(各年)    | 小数下1位   | 小数点を除き整数 |



山形分場気象観測露場

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| 降 水 量 | 9   |
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| 積 雪   | 13  |
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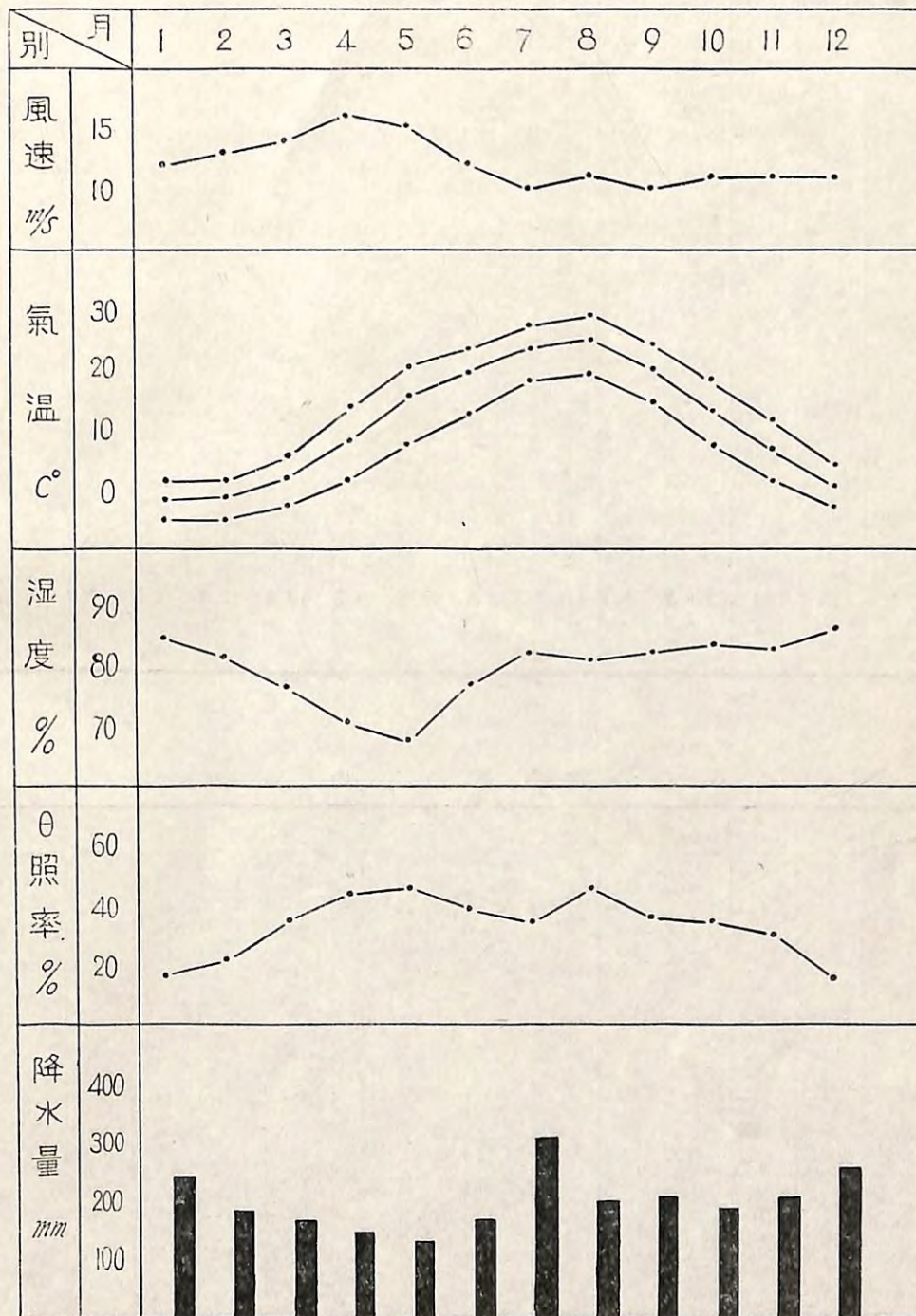
# 凡 例

- 観測時刻 昭和13年より16年まで 7・14・21時の3回観測。  
昭和17年より27年までは10時1回観測。  
昭和28年以降は9時1回観測。
- 降水量 3回観測中は21—21時の量を当日欄に記入し、1回観測は（10時または9時）観測量を前日欄に記入した値を統計した。
- 最大風速 3回観測中は3回観測値中の最大、1回観測中は1回観測値中の最大、ただし昭和27年9月よりは全日中の最大値。
- 積雪深 昭和13年より16年までは14時の観測値を、17年より28年までは10時観測値、29年以降は9時観測値を記入。
- その他 月の平均値に欠測のある年は累年平均年数から除外した。

観測所名 林業試験場東北支場山形分場  
地名 山形県最上郡真室川町大字釜淵  
位置 北緯 38°56'，東経 140°16'  
海拔 145m  
測器の地上高

寒暖計 2.35m（1～3月）  
1.15m（4～12月）  
雨量計 3.15m（12～4月）  
0.20m（5～11月）  
風力計 9.20m

## 気 象 図



気 温 (°C)

| 年 月 | 1    | 2    | 3   | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11  | 12   | 年    |
|-----|------|------|-----|------|------|------|------|------|------|------|-----|------|------|
| 昭和  |      |      |     |      |      |      |      |      |      |      |     |      |      |
| 13  | 97.0 | 97.3 | 1.4 | 6.9  | 14.0 | 16.9 | 22.2 | 25.2 | 18.1 | 11.6 | 5.2 | 99.3 | 9.6  |
| 14  | 96.0 | 97.6 | 0.1 | 6.1  | 12.6 | 18.2 | 23.7 | 23.7 | 20.0 | 12.9 | 5.6 | 99.4 | 9.7  |
| 15  | 95.9 | 97.8 | 1.4 | 5.3  | 13.1 | 17.7 | 22.3 | 22.2 | 17.5 | 11.7 | 7.4 | 1.0  | 9.4  |
| 16  | 99.2 | 98.1 | 1.5 | 6.2  | 13.4 | 17.4 | 20.2 | 22.5 | 17.3 | 11.6 | 8.5 | 1.8  | 9.8  |
| 17  | 97.8 | 97.0 | 3.6 | 10.3 | 14.5 | 21.0 | 24.8 | 25.1 | 20.9 | 12.7 | 6.0 | 0.7  | 11.2 |
| 18  | 97.7 | 98.7 | 1.5 | 7.2  | 14.5 | 20.7 | 26.6 | 27.8 | 21.9 | 13.4 | 6.1 | 0.6  | 12.0 |
| 19  | 98.3 | 97.1 | 2.0 | 6.2  | 15.8 | 20.9 | 23.7 | 26.5 | 20.7 | 13.2 | 7.0 | 98.9 | 10.9 |
| 20  | 95.8 | 96.8 | 1.0 | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×   | ×    | ×    |
| 21  | 98.9 | 99.4 | 1.1 | 11.6 | ×    | ×    | ×    | ×    | ×    | ×    | ×   | ×    | ×    |
| 22  | 98.4 | 98.2 | 1.1 | 6.9  | 14.9 | 17.4 | 23.7 | 24.9 | 19.9 | 13.0 | 5.7 | 95.4 | 10.0 |
| 23  | 99.7 | 99.5 | 2.4 | 10.9 | 17.9 | 20.6 | 24.9 | 26.4 | 20.6 | 14.0 | 7.5 | 2.9  | 12.3 |
| 24  | 1.5  | 1.9  | 0.8 | 7.4  | 17.0 | 19.1 | 23.3 | 26.7 | 20.6 | 13.9 | 6.4 | 1.3  | 11.7 |
| 25  | 99.5 | 99.8 | 2.4 | 11.2 | 18.6 | 19.4 | 26.0 | 27.4 | 22.7 | 12.5 | 6.9 | 0.7  | 12.3 |
| 26  | 97.5 | 99.8 | 2.6 | 9.0  | 16.7 | 19.6 | 23.1 | 26.5 | 18.4 | 13.8 | 7.2 | 3.1  | 11.4 |
| 27  | 99.0 | 97.7 | 2.7 | 8.3  | 16.5 | 19.9 | 23.8 | 24.2 | 20.0 | 14.2 | 6.2 | 99.5 | 11.0 |
| 28  | 97.7 | 97.4 | 2.3 | 6.8  | 14.4 | 18.9 | 22.7 | 22.2 | 18.5 | 11.8 | 4.8 | 1.8  | 9.9  |
| 29  | 97.5 | 99.6 | 1.3 | 9.7  | 13.9 | 16.5 | 20.4 | 23.8 | 21.7 | 11.8 | 6.0 | 0.4  | 10.2 |
| 30  | 97.9 | 98.7 | 2.2 | 9.3  | 14.1 | 19.4 | 25.7 | 24.8 | 18.6 | 13.3 | 5.3 | 2.7  | 11.0 |
| 31  | 98.2 | 97.7 | 2.1 | 8.0  | 15.3 | 18.1 | 22.4 | 21.6 | 19.3 | 13.7 | 5.8 | 98.8 | 10.1 |
| 32  | 98.1 | 98.2 | 0.5 | 7.4  | 14.6 | 17.1 | 22.1 | 24.5 | 17.8 | 12.1 | 6.1 | 1.5  | 10.0 |
| 33  | 97.7 | 0.0  | 1.3 | 7.7  | 14.8 | 18.5 | 21.6 | 22.3 | 18.8 | 11.8 | 5.4 | 2.6  | 10.2 |
| 34  | 98.1 | 0.5  | 3.1 | 10.4 | 15.2 | 17.9 | 21.4 | 22.6 | 19.5 | 12.5 | 6.1 | 0.8  | 10.7 |
| 平 均 | 98.1 | 98.6 | 1.8 | 8.1  | 15.1 | 18.8 | 23.2 | 24.5 | 19.6 | 12.8 | 6.3 | 0.7  | 10.6 |

最 低 気 温 の 平 均 (°C)

| 年 月 | 1    | 2    | 3    | 4    | 5   | 6    | 7    | 8    | 9    | 10  | 11  | 12   | 年   |
|-----|------|------|------|------|-----|------|------|------|------|-----|-----|------|-----|
| 昭和  |      |      |      |      |     |      |      |      |      |     |     |      |     |
| 13  | 93.7 | 93.5 | 97.2 | 1.6  | 8.1 | 12.4 | 18.3 | 19.7 | 13.9 | 6.4 | 0.6 | 96.6 | 5.2 |
| 14  | 92.3 | 94.4 | 95.9 | 0.4  | 6.1 | 11.6 | 18.3 | 19.0 | 15.0 | 7.6 | 0.5 | 96.0 | 4.8 |
| 15  | 92.6 | 94.1 | 97.6 | 0.0  | 5.0 | 11.0 | 19.0 | 16.7 | 12.3 | 5.4 | 2.4 | 98.0 | 4.5 |
| 16  | 96.1 | 94.3 | 97.5 | 0.1  | 6.4 | 12.0 | 17.0 | 18.5 | 12.7 | 6.0 | 0.8 | 97.7 | 4.9 |
| 17  | 94.4 | 92.7 | 98.4 | 2.1  | 6.7 | 12.8 | 18.8 | 18.1 | 14.6 | 5.6 | 1.2 | 97.2 | 5.2 |
| 18  | 93.6 | 94.8 | 95.3 | 0.0  | 6.9 | 12.4 | 17.6 | 19.9 | 16.7 | 7.4 | 1.6 | 96.9 | 5.3 |
| 19  | 93.3 | 93.2 | 97.1 | 0.4  | 7.1 | 13.2 | 19.1 | 19.2 | 13.4 | 7.8 | 2.0 | 96.5 | 5.2 |
| 20  | 91.5 | 92.7 | 96.0 | ×    | ×   | ×    | ×    | ×    | ×    | ×   | ×   | ×    | ×   |
| 21  | 94.5 | 95.2 | 95.8 | 0.7  | ×   | ×    | ×    | ×    | ×    | ×   | ×   | ×    | ×   |
| 22  | 94.8 | 93.5 | 96.0 | 99.8 | 5.5 | 11.4 | 18.3 | 19.4 | 14.3 | 6.4 | 0.5 | 94.7 | 4.6 |
| 23  | 95.8 | 95.1 | 97.0 | 1.9  | 7.8 | 12.5 | 18.8 | 18.8 | 14.2 | 7.6 | 2.4 | 98.8 | 5.9 |
| 24  | 98.1 | 97.9 | 95.9 | 1.2  | 7.3 | 9.1  | 16.7 | 18.5 | 14.4 | 6.9 | 0.6 | 97.0 | 5.3 |
| 25  | 95.0 | 95.5 | 96.9 | 2.4  | 7.8 | 13.4 | 18.3 | 19.4 | 16.1 | 5.7 | 1.6 | 97.3 | 5.8 |
| 26  | 93.7 | 94.8 | 97.1 | 2.5  | 6.6 | 12.4 | 17.1 | 19.7 | 12.2 | 8.3 | 1.5 | 99.5 | 5.5 |
| 27  | 95.9 | 93.8 | 97.0 | 1.7  | 6.8 | 12.5 | 17.8 | 19.9 | 14.4 | 7.0 | 1.3 | 96.2 | 5.4 |
| 28  | 94.5 | 93.3 | 98.6 | 0.6  | 6.3 | 13.2 | 17.2 | 17.5 | 13.2 | 5.7 | 1.1 | 98.5 | 5.0 |
| 29  | 94.0 | 96.3 | 97.2 | 3.1  | 6.7 | 11.6 | 15.2 | 18.1 | 15.8 | 6.2 | 0.9 | 97.1 | 5.2 |
| 30  | 94.9 | 94.9 | 98.2 | 1.5  | 8.3 | 12.8 | 18.7 | 18.4 | 13.1 | 9.4 | 1.1 | 99.6 | 5.9 |
| 31  | 95.4 | 94.4 | 98.2 | 0.9  | 7.9 | 13.1 | 17.8 | 17.1 | 14.1 | 7.9 | 2.5 | 96.4 | 5.6 |
| 32  | 95.2 | 95.1 | 95.9 | 0.4  | 6.6 | 10.9 | 17.3 | 19.6 | 12.0 | 7.8 | 1.4 | 98.4 | 5.1 |
| 33  | 94.7 | 96.6 | 97.0 | 1.4  | 6.0 | 11.9 | 18.0 | 19.0 | 14.5 | 6.9 | 1.0 | 99.6 | 5.6 |
| 34  | 95.2 | 97.0 | 98.4 | 3.4  | 7.4 | 12.9 | 17.1 | 17.9 | 14.9 | 7.1 | 1.8 | 97.7 | 5.9 |
| 平 均 | 94.7 | 94.8 | 97.1 | 1.3  | 6.9 | 12.2 | 17.8 | 18.7 | 14.1 | 7.0 | 1.3 | 97.5 | 5.3 |

最 高 気 温 の 平 均 (°C)

| 年 月 | 1    | 2    | 3   | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12  | 年    |
|-----|------|------|-----|------|------|------|------|------|------|------|------|-----|------|
| 昭和  |      |      |     |      |      |      |      |      |      |      |      |     |      |
| 13  | 0.3  | 0.8  | 5.5 | 12.4 | 19.3 | 21.5 | 26.4 | 31.2 | 23.5 | 16.8 | 10.3 | 2.8 | 14.2 |
| 14  | 99.3 | 0.5  | 4.4 | 12.3 | 18.5 | 24.5 | 29.0 | 29.2 | 25.7 | 18.7 | 11.3 | 3.3 | 14.7 |
| 15  | 99.2 | 1.6  | 5.5 | 10.6 | 20.3 | 23.5 | 26.3 | 28.0 | 23.2 | 18.6 | 12.6 | 4.2 | 14.5 |
| 16  | 2.6  | 2.1  | 5.7 | 11.9 | 19.7 | 22.5 | 24.0 | 27.3 | 22.5 | 18.0 | 12.6 | 5.2 | 14.5 |
| 17  | 0.0  | 99.6 | 6.8 | 14.3 | 18.6 | 24.4 | 28.4 | 28.6 | 24.4 | 17.3 | 9.0  | 2.9 | 14.5 |
| 18  | 99.9 | 0.6  | 3.3 | 10.5 | 18.6 | 24.3 | 30.7 | 31.1 | 24.9 | 17.4 | 9.7  | 3.3 | 14.5 |
| 19  | 0.5  | 99.9 | 4.3 | 9.1  | 20.3 | 24.8 | 26.4 | 30.0 | 24.5 | 17.3 | 9.9  | 0.9 | 14.0 |
| 20  | 98.0 | 98.6 | 3.7 | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×   | ×    |
| 21  | 1.6  | 1.6  | 3.6 | 11.6 | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×   | ×    |
| 22  | 1.1  | 0.5  | 3.6 | 10.3 | 18.5 | 20.1 | 27.0 | 28.4 | 23.1 | 16.5 | 9.3  | 0.6 | 13.3 |
| 23  | 2.6  | 1.5  | 5.0 | 14.4 | 20.9 | 23.4 | 28.0 | 29.7 | 23.8 | 17.0 | 10.5 | 6.7 | 15.4 |
| 24  | 3.7  | 4.6  | 3.6 | 10.7 | 21.2 | 23.0 | 26.3 | 30.4 | 24.4 | 17.3 | 9.7  | 3.5 | 14.9 |
| 25  | 2.3  | 2.3  | 5.4 | 15.6 | 22.5 | 21.9 | 29.4 | 31.2 | 25.7 | 15.8 | 10.5 | 3.1 | 15.5 |
| 26  | 99.7 | 3.2  | 5.4 | 12.6 | 20.6 | 23.2 | 26.5 | 30.1 | 22.4 | 18.4 | 10.3 | 6.0 | 14.9 |
| 27  | 1.5  | 0.3  | 5.2 | 12.7 | 20.3 | 23.6 | 26.8 | 27.8 | 23.8 | 17.7 | 9.9  | 1.8 | 14.3 |
| 28  | 1.0  | 1.3  | 5.7 | 12.0 | 19.7 | 22.9 | 26.5 | 26.2 | 23.3 | 19.1 | 8.1  | 5.3 | 14.3 |
| 29  | 1.7  | 4.2  | 5.5 | 15.0 | 18.9 | 20.1 | 24.6 | 29.0 | 26.5 | 17.3 | 11.7 | 4.6 | 14.9 |
| 30  | 1.5  | 3.2  | 5.7 | 14.8 | 18.8 | 24.2 | 29.9 | 29.4 | 23.8 | 17.5 | 10.5 | 6.3 | 15.5 |
| 31  | 1.5  | 1.3  | 6.0 | 13.7 | 20.6 | 22.9 | 26.3 | 26.5 | 25.1 | 18.9 | 10.1 | 1.9 | 14.6 |
| 32  | 2.2  | 1.2  | 4.2 | 12.5 | 20.4 | 22.1 | 25.6 | 28.6 | 22.3 | 17.8 | 12.1 | 5.4 | 14.5 |
| 33  | 1.5  | 3.2  | 5.6 | 13.2 | 20.2 | 24.1 | 26.0 | 26.4 | 22.3 | 16.4 | 10.6 | 6.4 | 14.7 |
| 34  | 0.8  | 4.1  | 6.9 | 16.2 | 20.6 | 22.2 | 25.8 | 27.5 | 23.8 | 17.6 | 10.9 | 4.0 | 15.0 |
| 平 均 | 1.1  | 1.8  | 5.2 | 12.7 | 19.9 | 23.0 | 27.0 | 28.8 | 24.0 | 17.6 | 10.5 | 3.9 | 14.6 |

最 高 気 温 の 極 (°C)

| 年 月 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年    | 起 日      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| 昭和  |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| 13  | 7.0  | 7.6  | 10.1 | 22.0 | 29.0 | 28.3 | 31.7 | 34.4 | 32.1 | 25.2 | 17.6 | 7.7  | 34.4 | 20 VIII  |
| 14  | 6.1  | 5.0  | 11.4 | 23.5 | 24.5 | 30.5 | 33.0 | 32.1 | 31.9 | 25.0 | 21.4 | 7.5  | 33.0 | {25 VII  |
| 15  | 6.5  | 6.1  | 11.3 | 20.4 | 27.4 | 30.1 | 31.8 | 31.6 | 29.1 | 22.1 | 21.6 | 9.7  | 31.8 | {26 VII  |
| 16  | 8.6  | 8.6  | 14.9 | 25.8 | 27.8 | 28.6 | 29.8 | 32.7 | 30.1 | 25.3 | 17.7 | 10.2 | 32.7 | {14 VII  |
| 17  | 3.6  | 4.8  | 15.9 | 29.3 | 28.2 | 32.2 | 33.3 | 34.0 | 30.1 | 23.6 | 14.9 | 6.7  | 34.0 | {29 VII  |
| 18  | 5.2  | 4.8  | 7.1  | 20.7 | 25.1 | 31.7 | 34.8 | 35.8 | 30.7 | 22.4 | 20.4 | 9.3  | 35.8 | 3 VIII   |
| 19  | 3.8  | 3.7  | 8.9  | 15.6 | 29.5 | 32.0 | 31.2 | 35.7 | 31.2 | 26.7 | 16.8 | 8.4  | 35.7 | 7 VIII   |
| 20  | 1.1  | 1.7  | 12.0 | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×        |
| 21  | 7.1  | 6.4  | 11.3 | 21.4 | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×        |
| 22  | 5.9  | 4.9  | 9.8  | 19.5 | 28.4 | 27.5 | 32.7 | 32.2 | 26.6 | 20.4 | 16.4 | 7.5  | 32.7 | {17 VII  |
| 23  | 5.9  | 6.9  | 8.6  | 19.5 | 28.7 | 29.1 | 31.7 | 32.7 | 29.9 | 22.3 | 16.1 | 15.9 | 32.7 | {19 VII  |
| 24  | 9.9  | 9.4  | 9.8  | 19.5 | 28.7 | 28.1 | 33.9 | 34.6 | 29.5 | 20.6 | 15.0 | 12.8 | 34.6 | {15 VIII |
| 25  | 10.2 | 9.6  | 12.8 | 23.5 | 26.6 | 26.0 | 35.0 | 35.2 | 32.7 | 21.5 | 16.9 | 10.7 | 35.2 | {16 VIII |
| 26  | 3.2  | 13.0 | 13.0 | 20.5 | 29.0 | 30.6 | 31.0 | 34.8 | 25.4 | 24.8 | 18.3 | 12.5 | 34.8 | {14 VIII |
| 27  | 8.5  | 5.0  | 10.0 | 23.6 | 26.8 | 29.7 | 32.4 | 31.7 | 28.5 | 21.9 | 17.1 | 7.8  | 32.4 | {25 VII  |
| 28  | 9.0  | 10.6 | 11.0 | 24.3 | 26.3 | 28.6 | 33.0 | 32.8 | 27.2 | 22.6 | 15.6 | 16.3 | 33.0 | 31 VII   |
| 29  | 7.2  | 12.2 | 13.9 | 24.7 | 26.6 | 25.8 | 29.8 | 34.4 | 32.7 | 23.5 | 17.3 | 14.4 | 34.4 | 18 VIII  |
| 30  | 6.0  | 8.2  | 13.4 | 25.4 | 29.1 | 28.9 | 33.5 | 32.9 | 29.3 | 25.2 | 15.7 | 14.4 | 33.5 | 30 VII   |
| 31  | 7.2  | 7.3  | 14.9 | 22.8 | 28.2 | 29.3 | 33.1 | 32.2 | 32.3 | 25.0 | 19.4 | 6.4  | 33.1 | 28 VII   |
| 32  | 9.0  | 6.6  | 13.2 | 22.5 | 27.7 | 29.0 | 31.6 | 34.4 | 26.6 | 23.0 | 18.4 | 13.8 | 34.4 | 22 VIII  |
| 33  | 8.4  | 13.5 | 13.8 | 22.9 | 27.2 | 31.2 | 29.3 | 31.6 | 26.9 | 21.0 | 15.4 | 10.9 | 31.6 | 3 VIII   |
| 34  | 8.3  | 8.1  | 13.3 | 24.7 | 27.1 | 28.4 | 31.3 | 30.5 | 27.6 | 22.6 | 17.6 | 15.2 | 31.3 | 8 VII    |

最低気温の極 (°C)

| 年  | 月  | 1        | 2        | 3        | 4       | 5           | 6       | 7       | 8       | 9        | 10       | 11       | 12       | 年    | 起日     |
|----|----|----------|----------|----------|---------|-------------|---------|---------|---------|----------|----------|----------|----------|------|--------|
| 昭和 | 13 | 88.0     | 83.8     | 88.0     | 95.9    | 98.6        | 5.4     | 13.9    | 14.2    | 6.5      | 96.9     | 97.3     | 91.7     | 83.8 | 8 II   |
|    | 14 | 83.9     | 88.1     | 90.8     | 92.6    | 99.7        | 4.8     | 9.9     | 13.5    | 8.6      | 97.3     | 95.6     | 88.5     | 83.9 | 18 I   |
|    | 15 | 82.9     | 87.4     | 91.8     | 94.7    | 98.0        | 4.9     | 14.5    | 9.8     | 3.3      | 99.2     | 95.5     | 92.7     | 82.9 | 22 I   |
|    | 16 | 92.6     | 90.5     | 92.4     | 93.1    | 98.4        | 5.5     | 9.8     | 15.1    | 6.6      | 97.9     | 93.8     | 92.4     | 90.5 | 17 II  |
|    | 17 | 85.0     | 81.3     | 93.0     | 95.3    | 0.6         | 3.5     | 11.9    | 12.4    | 6.5      | 99.4     | 95.0     | 91.3     | 81.3 | 12 II  |
|    | 18 | 85.5     | 89.8     | 37.5     | 94.4    | 99.4        | 5.9     | 10.2    | 17.7    | 8.5      | 0.2      | 98.0     | 90.7     | 85.5 | 30 I   |
|    | 19 | 87.3     | 84.2     | 91.4     | 94.1    | 0.2         | 6.7     | 13.2    | 13.8    | 5.8      | 3.3      | 97.4     | 90.4     | 84.2 | 3 II   |
|    | 20 | 84.0     | 87.4     | 90.0     | X       | X           | X       | X       | X       | X        | X        | X        | X        | X    | X      |
|    | 21 | 88.2     | 87.8     | 87.3     | 94.2    | X           | X       | X       | X       | X        | X        | X        | X        | X    | X      |
|    | 22 | 87.7     | 91.4     | 88.4     | 91.8    | 98.4        | 4.8     | 10.5    | 13.7    | 9.0      | 0.3      | 95.4     | 87.1     | 87.1 | 27 XII |
|    | 23 | 90.2     | 88.5     | 92.7     | 95.2    | 2.2         | 3.9     | 12.7    | 12.1    | 5.6      | 1.3      | 96.4     | 88.8     | 88.5 | 13 II  |
|    | 24 | 91.2     | 91.3     | 91.4     | 94.9    | 99.4        | 3.1     | 7.2     | 14.6    | 7.7      | 1.4      | 94.0     | 89.3     | 89.3 | 19 II  |
|    | 25 | 86.7     | 90.1     | 89.0     | 97.2    | 1.5         | 5.0     | 10.6    | 14.1    | 9.6      | 97.9     | 94.3     | 92.0     | 86.7 | 27 XII |
|    | 26 | 89.5     | 89.0     | 90.0     | 96.9    | 96.8        | 5.6     | 10.4    | 12.9    | 5.6      | 0.4      | 96.1     | 94.5     | 89.0 | 6 I    |
|    | 27 | 87.7     | 88.8     | 89.8     | 96.3    | 99.2        | 8.6     | 11.2    | 15.4    | 7.2      | 99.1     | 97.6     | 90.8     | 87.7 | 26 I   |
|    | 28 | 87.5     | 87.9     | 90.8     | 96.2    | 97.5        | 8.8     | 7.9     | 10.6    | 5.7      | 99.5     | 97.1     | 94.0     | 87.5 | 4 I    |
|    | 29 | 90.3     | 87.7     | 90.3     | 93.6    | 0.1         | 4.9     | 8.4     | 12.3    | 8.1      | 0.5      | 95.3     | 89.5     | 87.7 | 2 II   |
|    | 30 | 87.4     | 89.5     | 91.2     | 97.2    | 0.6         | 4.4     | 13.5    | 12.5    | 5.8      | 2.5      | 94.6     | 92.1     | 87.4 | 8 I    |
|    | 31 | 90.0     | 89.3     | 90.6     | 95.2    | 99.3        | 8.1     | 13.1    | 12.3    | 3.9      | 98.1     | 96.4     | 90.7     | 89.3 | 24 II  |
|    | 32 | 91.1     | 88.3     | 90.0     | 96.1    | 98.3        | 3.1     | 12.2    | 16.3    | 4.7      | 2.4      | 96.8     | 91.9     | 88.3 | 21 II  |
|    | 33 | 86.6     | 88.7     | 93.8     | 96.2    | 99.7        | 3.5     | 12.2    | 14.1    | 8.6      | 98.6     | 95.8     | 95.4     | 86.6 | 21 I   |
|    | 34 | 91.3     | 92.4     | 91.2     | 96.0    | 99.9        | 6.6     | 11.9    | 13.9    | 9.3      | 0.5      | 95.2     | 91.7     | 91.2 | 1 III  |
| 極  |    | 82.9     | 81.3     | 87.3     | 91.8    | 96.8        | 3.1     | 7.2     | 9.8     | 3.3      | 96.9     | 93.8     | 87.1     | 81.3 | 12 II  |
| 起日 | {年 | 22<br>15 | 12<br>17 | 13<br>21 | 1<br>22 | 327<br>2624 | 6<br>32 | 4<br>24 | 9<br>15 | 30<br>15 | 18<br>13 | 23<br>16 | 27<br>22 |      | 昭和17年  |

湿度 (%)

| 年  | 月  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年    |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 昭和 | 13 | 85.3 | 82.4 | 78.9 | 71.5 | 78.0 | 81.4 | 84.4 | 76.1 | 85.0 | 84.7 | 86.2 | 81.4 | 81.3 |
|    | 14 | 81.9 | 80.1 | 80.3 | 75.1 | 74.8 | 76.0 | 80.3 | 80.7 | 84.8 | 84.2 | 84.2 | 87.1 | 80.8 |
|    | 15 | 88.1 | 84.2 | 78.3 | 76.7 | 71.0 | 78.7 | 87.6 | 81.5 | 83.6 | 84.9 | 83.9 | 88.8 | 82.3 |
|    | 16 | 83.0 | 76.3 | 75.0 | 73.2 | 68.7 | 82.4 | 87.6 | 84.9 | 84.4 | 82.2 | 73.2 | 81.7 | 79.4 |
|    | 17 | 83.2 | 81.4 | 70.8 | 57.2 | 64.8 | 68.1 | 75.9 | 73.2 | 75.7 | 80.4 | 76.1 | 81.6 | 74.0 |
|    | 18 | 77.9 | 84.8 | 77.5 | 76.8 | 71.5 | 70.6 | 69.4 | 72.4 | 79.9 | 86.2 | 85.4 | 83.2 | 78.0 |
|    | 19 | 75.1 | 82.5 | 73.5 | 72.0 | 64.6 | 72.2 | 82.5 | 75.5 | 80.0 | 84.1 | 82.2 | 89.1 | 77.8 |
|    | 20 | 79.7 | 76.3 | 76.3 | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
|    | 21 | 77.9 | 77.6 | 72.5 | 66.9 | X    | X    | X    | X    | X    | X    | X    | X    | X    |
|    | 22 | 84.9 | 80.6 | 70.5 | 72.3 | 66.0 | 75.9 | 80.0 | 79.5 | 78.1 | 73.9 | 76.0 | 87.8 | 77.1 |
|    | 23 | 78.8 | 74.1 | 75.4 | 65.1 | 58.5 | 70.2 | 78.7 | 74.1 | 76.3 | 74.4 | 76.4 | 89.6 | 74.3 |
|    | 24 | 87.2 | 80.1 | 72.9 | 65.9 | 62.1 | 72.9 | 84.5 | 84.2 | 81.5 | 83.3 | 80.5 | 86.9 | 78.5 |
|    | 25 | 87.1 | 83.6 | 75.9 | 70.6 | 68.1 | 79.8 | 73.2 | 74.7 | 76.5 | 82.1 | 84.5 | 88.8 | 78.3 |
|    | 26 | 85.7 | 81.2 | 73.4 | 70.7 | 62.4 | 79.1 | 85.6 | 86.9 | 85.9 | 87.6 | 88.1 | 91.2 | 81.5 |
|    | 27 | 88.3 | 77.1 | 68.3 | 70.0 | 58.3 | 77.3 | 80.6 | 83.0 | 79.2 | 72.9 | 81.3 | 81.1 | 76.5 |
|    | 28 | 83.5 | 76.5 | 79.2 | 69.5 | 62.8 | 76.7 | 80.9 | 81.3 | 85.9 | 86.9 | 78.7 | 84.5 | 78.9 |
|    | 29 | 85.8 | 86.7 | 84.2 | 77.3 | 76.9 | 83.1 | 88.7 | 88.1 | 86.8 | 88.2 | 88.4 | 88.9 | 85.3 |
|    | 30 | 89.4 | 81.6 | 73.6 | 65.1 | 77.9 | 79.0 | 79.9 | 80.5 | 84.0 | 88.4 | 89.7 | 84.9 | 81.2 |
|    | 31 | 86.0 | 83.3 | 76.7 | 65.6 | 69.4 | 82.1 | 82.7 | 83.0 | 85.8 | 83.1 | 88.2 | 88.5 | 81.2 |
|    | 32 | 86.8 | 79.8 | 78.8 | 72.4 | 64.5 | 76.0 | 81.9 | 80.8 | 80.4 | 87.2 | 81.9 | 87.7 | 79.9 |
|    | 33 | 83.0 | 78.2 | 72.5 | 64.6 | 58.6 | 74.4 | 86.4 | 88.4 | 87.8 | 84.4 | 87.7 |      | 79.5 |
|    | 34 | 86.9 | 85.3 | 83.7 | 71.9 | 71.2 | 82.8 | 88.3 | 86.5 | 88.2 | 84.3 | 85.7 |      | 83.4 |
| 平均 |    | 84.4 | 81.0 | 76.0 | 70.2 | 67.3 | 76.9 | 82.0 | 80.8 | 82.4 | 83.5 | 82.7 | 86.3 | 79.5 |

地温 深さ 0.3m (°C)

| 年  | 月  | 1   | 2   | 3    | 4   | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12  | 年    |
|----|----|-----|-----|------|-----|------|------|------|------|------|------|------|-----|------|
| 昭和 | 14 | 1.9 | 1.5 | 1.2  | 1.5 | 11.6 | 17.8 | 23.6 | 25.1 | 23.0 | 16.6 | 10.0 | 3.2 | 11.4 |
|    | 15 | 2.1 | 1.6 | 1.3  | 1.1 | 11.1 | 16.7 | 22.4 | 24.1 | 21.2 | 15.9 | 11.1 | 4.9 | 11.1 |
|    | 16 | 2.6 | 1.8 | 1.1  | 3.9 | 12.3 | 17.5 | 21.2 | 23.1 | 20.3 | 15.4 | 9.7  | 4.9 | 11.2 |
|    | 17 | 2.7 | 1.8 | 1.0  | 4.8 | 11.2 | 16.9 | 22.3 | 23.8 | 21.5 | 15.4 | 8.5  | 3.5 | 11.1 |
|    | 18 | 2.1 | 1.6 | 1.3  | 1.2 | 10.6 | 17.6 | 22.4 | 25.3 | 23.5 | 16.7 | 9.3  | 4.3 | 11.3 |
|    | 19 | 2.6 | 1.9 | 1.5  | 1.0 | 11.3 | 17.7 | 22.4 | 25.5 | 22.1 | 16.0 | 10.0 | 4.5 | 11.4 |
|    | 20 | 2.5 | X   | X    | X   | X    | X    | X    | X    | X    | X    | X    | X   | X    |
|    | 21 | X   | X   | X    | X   | X    | X    | X    | X    | X    | X    | X    | X   | X    |
|    | 22 | X   | X   | X    | X   | X    | 14.5 | 21.1 | 24.0 | 20.9 | 15.6 | 9.1  | 3.9 | X    |
|    | 23 | 2.2 | 1.7 | 1.5  | 4.5 | 12.7 | 17.1 | 22.5 | 25.1 | 22.2 | 16.2 | 10.2 | 5.1 | 11.8 |
|    | 24 | 3.2 | 1.2 | 1.3  | 2.4 | 11.7 | 16.5 | 20.4 | 23.4 | 21.8 | 16.3 | 9.0  | 4.9 | 11.1 |
|    | 25 | 2.6 | 1.6 | 1.3  | 5.0 | 13.2 | 17.4 | 22.3 | 24.7 | 22.9 | 15.2 | 9.5  | 3.5 | 11.6 |
|    | 26 | 2.2 | 1.6 | 1.0  | 4.4 | 12.7 | 17.6 | 21.3 | 24.7 | 20.3 | 16.2 | 9.9  | 4.1 | 11.3 |
|    | 27 | 2.4 | 1.7 | 1.4  | 4.0 | 12.9 | 17.9 | 22.6 | 24.0 | 22.0 | 16.5 | 9.7  | 4.5 | 11.6 |
|    | 28 | 2.3 | 1.6 | 1.1  | 2.9 | 12.0 | 17.5 | 21.4 | 23.3 | 20.7 | 16.3 | 9.0  | 5.0 | 11.1 |
|    | 29 | 2.8 | 2.0 | 1.3  | 7.1 | 12.1 | 15.9 | 19.9 | 23.1 | 21.9 | 15.7 | 9.3  | 5.2 | 11.4 |
|    | 30 | 2.6 | 1.6 | 0.9  | 5.0 | 12.0 | 17.2 | 23.1 | 24.0 | 21.0 | 16.3 | 9.3  | 4.8 | 11.5 |
|    | 31 | 2.3 | 1.6 | 1.1  | 3.1 | 12.4 | 18.0 | 21.6 | 23.3 | 21.5 | 16.1 | 9.8  | 2.7 | 11.1 |
|    | 32 | 2.2 | 1.6 | 1.1  | 1.0 | 11.3 | 16.1 | 20.7 | 23.9 | 20.3 | 15.1 | 9.4  | 4.6 | 10.6 |
|    | 33 | 2.1 | 1.5 | 1.2  | 3.7 | 11.9 | 16.6 | 21.4 | 23.5 | 20.3 | 14.3 | 8.2  | 3.5 | 10.7 |
|    | 34 | 1.1 | 0.2 | 99.9 | 7.0 | 12.4 | 17.0 | 21.1 | 22.9 | 21.2 | 15.2 | 9.4  | 3.7 | 10.9 |
| 平均 |    | 2.3 | 1.6 | 1.1  | 3.5 | 12.0 | 17.2 | 21.8 | 24.0 | 21.5 | 15.9 | 9.5  | 4.3 | 11.2 |

地温 深さ 1.2m (°C)

| 月 |    | 1   | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年    |      |
|---|----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 年 | 昭和 | 14  | 6.8 | 5.4 | 4.5 | 2.9 | 5.2  | 9.6  | 14.4 | 18.3 | 19.9 | 18.4 | 15.0 | 10.0 | 10.9 |
|   | 15 | 6.9 | 5.5 | 4.4 | 2.3 | 4.5 | 9.3  | 16.0 | 19.8 | 20.4 | 18.2 | 15.3 | 11.1 | 11.1 |      |
|   | 16 | 7.4 | 5.8 | 4.2 | 3.3 | 6.9 | 11.2 | 16.1 | 18.1 | 18.9 | 17.4 | 14.3 | 10.7 | 11.2 |      |
|   | 17 | 7.6 | 5.8 | 4.1 | 3.4 | 6.9 | 10.4 | 14.6 | 18.1 | 19.0 | 17.6 | 13.9 | 9.4  | 10.9 |      |
|   | 18 | 6.7 | 5.2 | 4.5 | 3.2 | 4.8 | 10.2 | 14.1 | 18.9 | 21.1 | 19.2 | 14.8 | 10.1 | 11.1 |      |
|   | 19 | 7.2 | 5.7 | 4.7 | 3.3 | 5.5 | 10.6 | 15.6 | 20.6 | 20.8 | 18.4 | 14.7 | 10.4 | 11.5 |      |
|   | 20 | 7.3 | ×   | ×   | ×   | ×   | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    |      |
|   | 21 | ×   | ×   | ×   | ×   | ×   | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    |      |
|   | 22 | ×   | ×   | ×   | ×   | ×   | 8.3  | 14.0 | 18.7 | 19.2 | 17.7 | 14.4 | 10.0 | ×    |      |
|   | 23 | 6.8 | 5.3 | 4.6 | 3.7 | 7.3 | 11.3 | 15.3 | 19.4 | 20.6 | 18.4 | 14.9 | 10.3 | 11.5 |      |
|   | 24 | 7.3 | 5.1 | 4.2 | 3.0 | 6.1 | 10.4 | 13.9 | 16.9 | 18.7 | 17.6 | 13.7 | 9.8  | 10.6 |      |
|   | 25 | 6.8 | 4.9 | 3.7 | 3.0 | 7.4 | 11.4 | 15.6 | 18.9 | 19.7 | 17.9 | 13.8 | 9.3  | 11.0 |      |
|   | 26 | 6.4 | 5.0 | 3.6 | 3.1 | 7.0 | 11.2 | 14.4 | 17.9 | 19.0 | 17.2 | 14.1 | 9.5  | 10.7 |      |
|   | 27 | 6.5 | 5.1 | 4.4 | 3.7 | 7.2 | 11.4 | 15.9 | 20.1 | 20.8 | 19.0 | 15.3 | 10.8 | 11.7 |      |
|   | 28 | 7.4 | 5.6 | 4.2 | 2.8 | 6.4 | 10.8 | 14.6 | 19.5 | 19.8 | 18.2 | 14.6 | 10.0 | 11.2 |      |
|   | 29 | 7.2 | 5.6 | 4.1 | 4.3 | 7.9 | 11.1 | 14.4 | 17.2 | 18.7 | 17.5 | 13.9 | 10.0 | 11.0 |      |
|   | 30 | 7.0 | 5.4 | 3.8 | 3.4 | 7.2 | 11.6 | 16.9 | 19.1 | 19.8 | 18.0 | 14.1 | 9.8  | 11.3 |      |
|   | 31 | 6.6 | 5.2 | 4.1 | 2.8 | 6.5 | 11.6 | 15.9 | 19.3 | 19.5 | 18.0 | 14.5 | 8.7  | 11.1 |      |
|   | 32 | 6.4 | 5.1 | 4.1 | 2.3 | 4.7 | 9.5  | 14.7 | 17.9 | 19.3 | 17.3 | 14.2 | 10.3 | 10.5 |      |
|   | 33 | 7.0 | 5.4 | 4.2 | 3.1 | 6.4 | ×    | 15.6 | 19.7 | 20.1 | 17.9 | 14.1 | 10.0 | ×    |      |
|   | 34 | 6.6 | 5.1 | 3.4 | 4.7 | 8.1 | 11.4 | 16.6 | 19.0 | 20.1 | 18.7 | 14.5 | 10.7 | 11.6 |      |
| 平 | 均  | 6.9 | 5.3 | 4.2 | 3.2 | 6.4 | 10.8 | 15.2 | 18.8 | 19.8 | 18.1 | 14.4 | 10.1 | 11.1 |      |

日 照 時 数

| 年 月 | 1    | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12   | 年        |
|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|
| 昭和  |      |       |       |       |       |       |       |       |       |       |       |      |          |
| 13  | 56.6 | 81.5  | 145.9 | 188.0 | 168.2 | 148.1 | 159.4 | 259.9 | 157.9 | 121.9 | 107.0 | 48.6 | 1,643.0  |
| 14  | 60.8 | 77.7  | 147.3 | 205.2 | 196.7 | 216.9 | 243.3 | 230.1 | 168.8 | 143.2 | 110.3 | 55.1 | 1,855.4  |
| 15  | 43.2 | 61.3  | 139.5 | 176.8 | 257.4 | 189.9 | 64.6  | 225.5 | 171.7 | 179.8 | 104.7 | 57.8 | 1,672.2  |
| 16  | 69.8 | 108.6 | 147.8 | 195.3 | 248.2 | 193.1 | 96.1  | 180.5 | 150.9 | 163.7 | 170.4 | 91.1 | 1,815.5  |
| 17  | 59.7 | 67.5  | 155.3 | 212.8 | 204.0 | 240.4 | 203.8 | 220.2 | 153.7 | 145.2 | 88.2  | 44.6 | 1,795.4  |
| 18  | 70.0 | 59.2  | 182.3 | 193.0 | 160.0 | 220.4 | 248.5 | 231.1 | 109.1 | 113.3 | 81.6  | 47.0 | 1,715.5  |
| 19  | 60.1 | 40.1  | 135.7 | 123.5 | 191.0 | 211.9 | 99.7  | 224.6 | 160.8 | 100.4 | 71.3  | 30.2 | 1,449.3  |
| 20  | 36.5 | 47.9  | 109.5 | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×    | ×        |
| 21  | ×    | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×    | ×        |
| 22  | ×    | ×     | ×     | ×     | ×     | 116.8 | 145.4 | 153.2 | 102.8 | 119.6 | 67.2  | 26.2 | ×        |
| 23  | 49.7 | 52.9  | 142.9 | 205.2 | 200.8 | 154.1 | 135.1 | 191.5 | 104.2 | 85.6  | 70.5  | 35.6 | 1,428.1  |
| 24  | 13.0 | 23.3  | 89.8  | 126.1 | 168.0 | 157.1 | 124.1 | 218.0 | 117.5 | 85.4  | 67.6  | 35.7 | 1,225.6  |
| 25  | 26.7 | 48.2  | 119.6 | 177.4 | 206.6 | 49.6  | 198.0 | 252.8 | 132.1 | 83.3  | 57.4  | 24.4 | 1,376.1  |
| 26  | 33.2 | 61.8  | 89.5  | 106.3 | 164.5 | 181.7 | 125.6 | 189.9 | 128.7 | 115.0 | 75.8  | 36.1 | 1,308.1  |
| 27  | 23.1 | 51.5  | 119.4 | 122.1 | 227.2 | 180.0 | 159.2 | 119.1 | 108.9 | 131.4 | 74.9  | 44.4 | 1,361.2  |
| 28  | 42.6 | 93.7  | 96.1  | 188.4 | 212.6 | 159.5 | 157.4 | 121.0 | 117.4 | 167.3 | 71.0  | 69.7 | 1,496.7  |
| 29  | 78.4 | 55.8  | 113.6 | 161.1 | 171.0 | 109.5 | 137.5 | 189.0 | 172.2 | 138.3 | 128.5 | 60.1 | 1,515.0  |
| 30  | 42.1 | 82.5  | 134.3 | 183.4 | 130.3 | 168.5 | 253.0 | 213.7 | 139.6 | 64.5  | 71.9  | 48.7 | 1,533.5  |
| 31  | 49.8 | 49.6  | 107.0 | 188.9 | 184.1 | 144.5 | 151.8 | 148.2 | 144.7 | 100.7 | 60.3  | 39.1 | 1,368.7  |
| 32  | 55.7 | 58.2  | 82.7  | 146.9 | 207.6 | 172.3 | 101.9 | 167.5 | 136.0 | 112.9 | 115.0 | 51.0 | 1,407.7  |
| 33  | 36.2 | 59.0  | 152.4 | 168.0 | 230.9 | 202.1 | 101.6 | 98.7  | 60.7  | 100.0 | 84.5  | 56.4 | 1,350.5  |
| 34  | 44.0 | 70.2  | 113.9 | 165.6 | 171.7 | 145.9 | 134.4 | 152.7 | 106.8 | 113.3 | 97.9  | 35.6 | 1,352.0  |
| 平 均 | 48.1 | 63.3  | 127.1 | 170.2 | 194.7 | 170.8 | 152.4 | 191.3 | 133.8 | 119.2 | 89.9  | 48.0 | 28,669.5 |

日 照 時 数 百 分 率 (%)

| 年 月 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年    |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 昭和  |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13  | 19   | 27   | 39   | 47   | 38   | 33   | 35   | 62   | 43   | 35   | 35   | 16   | 37   |
| 14  | 20   | 26   | 40   | 52   | 45   | 49   | 54   | 55   | 45   | 42   | 37   | 18   | 42   |
| 15  | 14   | 20   | 38   | 45   | 58   | 43   | 14   | 53   | 46   | 46   | 35   | 19   | 38   |
| 16  | 23   | 36   | 40   | 49   | 56   | 43   | 21   | 43   | 41   | 47   | 57   | 30   | 41   |
| 17  | 20   | 22   | 42   | 54   | 46   | 54   | 45   | 52   | 41   | 42   | 29   | 15   | 40   |
| 18  | 23   | 20   | 49   | 49   | 36   | 50   | 55   | 55   | 29   | 33   | 27   | 16   | 39   |
| 19  | 20   | 13   | 37   | 31   | 43   | 48   | 22   | 53   | 43   | 29   | 24   | 10   | 33   |
| 20  | 12   | 16   | 30   | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    |
| 21  | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    | ×    |
| 22  | ×    | ×    | ×    | ×    | ×    | 26   | 32   | 37   | 28   | 35   | 22   | 9    | ×    |
| 23  | 16   | 17   | 39   | 52   | 62   | 35   | 28   | 45   | 27   | 24   | 23   | 12   | 32   |
| 24  | 4    | 8    | 24   | 32   | 38   | 35   | 28   | 52   | 31   | 25   | 23   | 12   | 28   |
| 25  | 9    | 16   | 32   | 45   | 47   | 11   | 44   | 60   | 36   | 24   | 19   | 8    | 30   |
| 26  | 11   | 21   | 24   | 27   | 37   | 41   | 28   | 45   | 35   | 33   | 25   | 12   | 29   |
| 27  | 8    | 17   | 32   | 31   | 52   | 41   | 35   | 28   | 29   | 28   | 25   | 15   | 29   |
| 28  | 14   | 31   | 26   | 48   | 48   | 36   | 35   | 29   | 32   | 48   | 24   | 23   | 33   |
| 29  | 26   | 19   | 31   | 41   | 39   | 25   | 31   | 45   | 46   | 40   | 43   | 20   | 34   |
| 30  | 14   | 28   | 36   | 46   | 29   | 38   | 56   | 51   | 38   | 19   | 24   | 16   | 33   |
| 31  | 16   | 16   | 29   | 48   | 42   | 33   | 34   | 35   | 39   | 29   | 20   | 13   | 30   |
| 32  | 18   | 19   | 22   | 37   | 47   | 39   | 23   | 40   | 37   | 33   | 38   | 17   | 31   |
| 33  | 12   | 20   | 41   | 42   | 52   | 46   | 23   | 23   | 16   | 29   | 28   | 19   | 30   |
| 34  | 15   | 23   | 31   | 42   | 39   | 33   | 32   | 36   | 29   | 33   | 33   | 15   | 30   |
| 平 均 | 15.9 | 21.0 | 34.3 | 43.1 | 44.9 | 38.6 | 33.8 | 45.4 | 35.9 | 34.2 | 29.9 | 16.1 | 33.6 |

降 水 量 (mm)

| 年 月 | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 年       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 昭和  |       |       |       |       |       |       |       |       |       |       |       |       |         |
| 13  | 292.7 | 220.7 | 130.4 | 143.4 | 134.6 | 218.8 | 295.7 | 52.4  | 193.2 | 290.6 | 244.4 | 243.3 | 2,510.2 |
| 14  | 274.6 | 192.6 | 171.8 | 130.6 | 87.8  | 133.0 | 92.5  | 209.1 | 229.4 | 136.3 | 238.3 | 217.4 | 2,113.4 |
| 15  | 318.1 | 266.2 | 116.5 | 151.3 | 87.4  | 48.2  | 686.5 | 168.6 | 212.4 | 118.3 | 162.6 | 238.0 | 2,574.1 |
| 16  | 166.1 | 148.2 | 191.8 | 114.7 | 140.7 | 223.7 | 364.3 | 95.2  | 216.2 | 162.4 | 79.1  | 253.0 | 2,155.5 |
| 17  | 238.8 | 151.8 | 129.1 | 131.0 | 76.4  | 127.1 | 164.2 | 128.7 | 191.0 | 152.3 | 331.0 | 303.3 | 2,124.7 |
| 18  | 212.4 | 267.4 | 102.6 | 141.5 | 97.0  | 149.1 | 7.0   | 422.8 | 256.6 | 230.6 | 244.8 | 221.3 | 2,353.1 |
| 19  | 151.3 | 206.3 | 151.4 | 182.1 | 176.6 | 88.9  | 713.9 | 80.4  | 178.0 | 145.3 | 204.3 | 309.7 | 2,588.7 |
| 20  | 211.0 | 157.0 | 283.8 | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | 445.8 | ×       |
| 21  | 268.5 | 164.4 | 174.6 | 139.7 | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×     | ×       |
| 22  | 214.0 | 193.7 | 229.5 | 180.8 | 122.3 | 242.6 | 579.8 | 393.8 | 381.7 | 216.1 | 204.3 | 354.0 | 3,312.6 |
| 23  | 184.0 | 118.5 | 158.4 | 75.2  | 122.5 | 140.8 | 237.3 | 223.3 | 271.0 | 296.0 | 213.0 | 213.4 | 2,253.4 |
| 24  | 319.6 | 199.9 | 141.9 | 178.9 | 132.9 | 135.4 | 111.2 | 140.9 | 209.4 | 172.2 | 203.7 | 208.4 | 2,154.4 |
| 25  | 187.9 | 167.6 | 108.3 | 89.6  | 147.1 | 209.8 | 191.6 | 88.2  | 204.5 | 211.3 | 195.7 | 289.3 | 2,090.9 |
| 26  | 153.6 | 159.1 | 166.5 | 187.5 | 121.2 | 93.6  | 107.1 | 136.3 | 184.7 | 185.8 | 222.7 | 308.0 | 2,026.1 |
| 27  | 323.7 | 159.8 | 107.5 | 155.3 | 90.3  | 203.8 | 318.2 | 300.4 | 179.4 | 117.1 | 143.4 | 262.9 | 2,361.8 |
| 28  | 279.5 | 124.7 | 226.7 | 218.6 | 80.9  | 126.1 | 299.3 | 451.5 | 204.2 | 82.5  | 219.2 | 208.3 | 2,521.5 |
| 29  | 97.1  | 152.2 | 216.1 | 132.3 | 193.0 | 250.5 | 160.6 | 29.0  | 202.5 | 183.8 | 138.8 | 217.2 | 1,973.1 |
| 30  | 292.0 | 227.4 | 110.5 | 137.6 | 272.0 | 422.9 | 123.5 | 199.1 | 190.2 | 307.0 | 258.0 | 282.0 | 2,827.2 |
| 31  | 237.8 | 199.9 | 205.5 | 135.2 | 170.2 | 297.7 | 291.0 | 228.7 | 126.3 | 152.2 | 348.7 | 328.4 | 2,721.6 |
| 32  | 198.7 | 175.2 | 188.3 | 216.2 | 132.8 | 89.5  | 421.5 | 214.5 | 167.7 | 198.4 | 122.4 | 235.8 | 2,361.0 |
| 33  | 275.1 | 214.4 | 175.6 | 174.1 | 70.4  | 103.0 | 600.0 | 200.5 | 287.0 | 238.0 | 156.0 | 256.0 | 2,750.1 |
| 34  | 324.0 | 138.0 | 300.0 | 187.5 | 121.5 | 167.0 | 480.5 | 245.0 | 200.0 | 165.0 | 214.0 | 256.0 | 2,798.5 |
| 平 均 | 237.1 | 184.2 | 166.4 | 153.2 | 131.4 | 173.6 | 312.5 | 200.4 | 214.3 | 188.1 | 207.2 | 260.3 | 2,428.7 |

降 水 量 最 多 日 量 (mm)

| 月   |     | 1    | 2    | 3    | 4    | 5    | 6     | 7     | 8     | 9    | 10    | 11   | 12   | 年     | 起 日     |
|-----|-----|------|------|------|------|------|-------|-------|-------|------|-------|------|------|-------|---------|
| 昭和  | 13  | 30.2 | 18.4 | 15.1 | 32.1 | 32.1 | 70.7  | 94.1  | 48.4  | 36.1 | 68.9  | 36.1 | 23.2 | 94.1  | 14 VII  |
|     | 14  | 32.9 | 29.0 | 23.6 | 31.4 | 32.1 | 31.8  | 37.3  | 109.4 | 39.2 | 28.9  | 38.1 | 31.2 | 109.4 | 13 VIII |
|     | 15  | 28.7 | 33.2 | 13.5 | 24.3 | 17.2 | 19.4  | 108.5 | 102.3 | 85.0 | 34.7  | 28.8 | 41.8 | 108.5 | 9 VII   |
|     | 16  | 28.2 | 18.1 | 26.8 | 14.5 | 31.2 | 54.0  | 76.9  | 18.2  | 46.2 | 25.7  | 20.0 | 39.0 | 76.9  | 4 VII   |
|     | 17  | 21.0 | 23.1 | 31.3 | 31.6 | 18.4 | 74.5  | 31.6  | 77.4  | 38.8 | 38.7  | 41.5 | 65.9 | 77.4  | 3 VIII  |
|     | 18  | 22.5 | 53.6 | 17.4 | 21.5 | 16.9 | 69.8  | 6.6   | 145.0 | 50.8 | 37.0  | 45.6 | 38.4 | 145.0 | 14 VIII |
|     | 19  | 12.9 | 16.2 | 20.3 | 22.5 | 50.1 | 22.3  | 200.2 | 34.1  | 67.5 | 28.1  | 40.1 | 33.0 | 200.2 | 20 VII  |
|     | 20  | 36.2 | 18.1 | ×    | ×    | ×    | ×     | ×     | ×     | ×    | ×     | ×    | 58.6 | ×     | ×       |
|     | 21  | 42.7 | 17.5 | 31.8 | 43.0 | ×    | ×     | ×     | ×     | ×    | ×     | ×    | 31.0 | ×     | ×       |
|     | 22  | 28.6 | 32.2 | 32.1 | 57.8 | 38.3 | 61.6  | 175.9 | 105.5 | 63.7 | 48.0  | 35.9 | 34.9 | 175.9 | 23 VII  |
|     | 23  | 21.2 | 20.0 | 30.8 | 18.7 | 34.5 | 59.9  | 51.0  | 66.7  | 57.0 | 83.6  | 24.8 | 33.8 | 83.6  | 4 X     |
|     | 24  | 32.9 | 35.1 | 25.7 | 29.7 | 24.0 | 44.2  | 31.6  | 67.2  | 59.5 | 26.0  | 39.5 | 24.6 | 67.2  | 31 VIII |
| 極 值 | 25  | 19.5 | 30.4 | 21.2 | 25.2 | 44.2 | 60.5  | 78.8  | 28.1  | 36.8 | 47.6  | 31.7 | 29.4 | 78.8  | 6 VII   |
|     | 26  | 18.5 | 13.8 | 39.9 | 26.7 | 30.6 | 28.0  | 17.1  | 43.2  | 34.9 | 31.3  | 34.4 | 38.4 | 43.2  | 31 VIII |
|     | 27  | 67.9 | 14.7 | 19.6 | 38.9 | 32.3 | 55.3  | 82.1  | 53.5  | 72.6 | 22.8  | 31.9 | 41.4 | 82.1  | 31 VII  |
|     | 28  | 35.6 | 19.4 | 33.6 | 65.0 | 36.2 | 46.3  | 96.0  | 182.6 | 45.2 | 23.5  | 41.8 | 30.7 | 182.6 | 13 VIII |
|     | 29  | 18.6 | 23.9 | 55.5 | 39.2 | 38.7 | 40.6  | 19.9  | 9.9   | 36.5 | 41.9  | 31.7 | 28.3 | 55.5  | 28 III  |
|     | 30  | 23.3 | 29.9 | 17.4 | 38.2 | 47.2 | 177.5 | 37.8  | 64.5  | 48.0 | 36.5  | 48.5 | 35.8 | 177.5 | 25 VI   |
|     | 31  | 23.8 | 18.0 | 28.3 | 26.4 | 55.7 | 71.6  | 72.3  | 49.0  | 33.6 | 41.7  | 61.0 | 48.1 | 72.3  | 23 VII  |
|     | 32  | 24.3 | 31.2 | 23.7 | 63.5 | 39.8 | 23.6  | 138.3 | 64.8  | 28.7 | 33.9  | 43.5 | 42.8 | 138.3 | 7 VII   |
|     | 33  | 28.6 | 28.0 | 26.8 | 70.4 | 17.9 | 37.5  | 145.5 | 37.0  | 45.0 | 102.5 | 35.5 | 58.0 | 145.5 | 28 VII  |
|     | 34  | 44.0 | 18.0 | 48.0 | 32.0 | 55.0 | 50.0  | 177.0 | 49.5  | 44.0 | 19.0  | 33.0 | 28.0 | 177.0 | 10 VII  |
|     | 起 日 | 10   | 8    | 28   | 21   | 30   | 25    | 20    | 13    | 12   | 14    | 13   | 10   |       |         |
|     | 日 年 | 27   | 18   | 29   | 33   | 31   | 30    | 19    | 28    | 15   | 33    | 31   | 17   |       |         |
|     |     |      |      |      |      |      |       |       |       |      |       |      |      | 昭和19年 |         |

降水量 1 時間 最多量 (mm)

| 年   | 月    | 1        | 2        | 3       | 4        | 5        | 6        | 7        | 8        | 9       | 10      | 11      | 12       | 年    | 起 日     |
|-----|------|----------|----------|---------|----------|----------|----------|----------|----------|---------|---------|---------|----------|------|---------|
| 昭和  | 13   | 5.7      | 3.6      | 4.0     | 6.8      | 10.2     | 13.3     | 35.2     | 21.8     | 21.2    | 13.3    | 5.2     | 6.5      | 35.2 | 14 VII  |
|     | 14   | 5.6      | 5.6      | 4.0     | 6.6      | 5.9      | 8.0      | 16.5     | 50.3     | 12.1    | 7.7     | 6.2     | 6.8      | 50.3 | 13 VIII |
|     | 15   | 5.2      | 5.0      | 2.7     | 3.9      | 4.9      | 3.0      | 31.4     | 19.0     | 16.5    | 7.4     | 7.9     | 10.0     | 31.4 | 9 VII   |
|     | 16   | 8.7      | 4.0      | 4.6     | 7.5      | 5.5      | 9.9      | 14.2     | 14.1     | 6.3     | 13.2    | 4.0     | 5.2      | 14.2 | 4 VII   |
|     | 17   | 5.2      | 5.5      | 5.0     | 5.8      | 5.7      | 15.0     | 15.2     | 21.3     | 11.2    | 6.0     | 7.0     | 5.2      | 21.3 | 3 VIII  |
|     | 18   | 3.9      | 5.5      | 4.2     | 3.7      | 6.9      | 10.5     | 4.3      | 27.4     | 37.0    | 11.1    | 7.3     | 7.6      | 37.0 | 9 IX    |
|     | 19   | 5.7      | 9.0      | 5.2     | 5.4      | 18.8     | 20.0     | 32.7     | 10.7     | 12.8    | 11.4    | 5.8     | 4.6      | 32.7 | 19 VII  |
|     | 20   | 7.9      | 4.2      | X       | X        | X        | X        | X        | X        | X       | X       | X       | X        | X    |         |
|     | 21   | 5.7      | 3.5      | 5.3     | 5.5      | X        | X        | X        | X        | X       | X       | X       | 4.3      | X    |         |
|     | 22   | 7.2      | 9.6      | 3.1     | 7.5      | 5.8      | 7.7      | X        | 15.4     | 18.8    | 8.9     | 5.9     | 5.1      | X    |         |
|     | 23   | 4.7      | 5.7      | 4.9     | 5.4      | 10.7     | 12.2     | 22.1     | 26.1     | 14.2    | 12.1    | 6.3     | 5.9      | 26.1 | 7 VIII  |
|     | 24   | 5.2      | 4.8      | 6.4     | 5.7      | 6.5      | 6.2      | 5.3      | 11.3     | 22.3    | 7.8     | 6.0     | 4.8      | 22.3 | 23 IX   |
|     | 25   | 4.7      | 6.9      | 4.5     | 8.1      | 10.6     | 10.7     | 17.1     | 16.0     | 9.0     | 9.0     | 11.4    | 6.0      | 17.1 | 12 VII  |
|     | 26   | 3.8      | 4.8      | 9.8     | 7.1      | 7.3      | 9.9      | 5.0      | 11.5     | 10.2    | 10.3    | 5.4     | 5.0      | 11.5 | 23 VIII |
|     | 27   | 6.8      | 5.7      | 8.4     | 3.7      | 10.0     | 10.0     | 10.4     | 11.3     | 19.2    | 6.2     | 8.0     | 5.1      | 19.2 | 11 XI   |
|     | 28   | 9.4      | 8.2      | 5.2     | 7.0      | 5.3      | 8.7      | 15.3     | 33.0     | 23.9    | 5.1     | 14.0    | 6.4      | 33.0 | 14 VIII |
|     | 29   | 5.9      | 5.2      | 4.8     | 7.0      | 13.0     | 7.8      | 11.0     | 2.4      | 12.1    | 9.1     | 6.5     | 4.2      | 13.0 | 31 V    |
|     | 30   | 7.1      | 5.2      | 4.6     | 6.5      | 8.2      | 14.3     | 13.5     | 19.6     | 12.5    | 7.0     | 6.7     | 4.5      | 19.6 | 15 VIII |
|     | 31   | 4.3      | 4.9      | 3.6     | 5.0      | 9.1      | 17.0     | 44.9     | 33.5     | 7.4     | 12.0    | 7.4     | 7.2      | 44.9 | 23 VII  |
|     | 32   | 4.9      | 4.5      | 5.2     | 8.5      | 6.4      | 16.0     | 18.7     | 29.5     | 6.7     | 5.8     | 9.1     | 6.0      | 29.5 | 24 VIII |
|     | 33   | 5.7      | 4.8      | 3.6     | 10.4     | 4.3      | 11.0     | 24.5     | 17.5     | 15.0    | 12.0    | 5.5     | 6.0      | 24.5 | 28 VII  |
|     | 34   | 6.0      | 4.0      | 8.0     | 14.0     | 9.0      | 17.0     | 21.0     | 24.0     | 10.5    | 5.0     | 11.5    | 6.5      | 24.0 | 22 VIII |
| 極 值 |      | 9.4      | 9.6      | 9.8     | 14.0     | 18.8     | 20.0     | 44.9     | 50.3     | 37.0    | 13.3    | 14.0    | 10.0     | 50.3 | 13 VIII |
| 起 日 | { 日年 | 10<br>28 | 17<br>22 | 1<br>26 | 23<br>34 | 10<br>19 | 18<br>19 | 23<br>31 | 13<br>14 | 9<br>18 | 6<br>13 | 8<br>28 | 24<br>15 |      | 昭和14年   |

降水 日 数

| 年   | 月  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年    |
|-----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 昭和  | 13 | 28   | 27   | 24   | 18   | 21   | 18   | 17   | 11   | 23   | 17   | 24   | 28   | 25.6 |
|     | 14 | 30   | 26   | 23   | 14   | 15   | 18   | 10   | 12   | 18   | 16   | 21   | 26   | 22.9 |
|     | 15 | 31   | 29   | 23   | 17   | 12   | 14   | 27   | 10   | 17   | 16   | 21   | 28   | 24.5 |
|     | 16 | 27   | 24   | 26   | 21   | 13   | 18   | 21   | 13   | 21   | 18   | 14   | 26   | 24.2 |
|     | 17 | 29   | 27   | 20   | 17   | 17   | 12   | 17   | 13   | 20   | 16   | 26   | 26   | 24.0 |
|     | 18 | 27   | 26   | 20   | 13   | 17   | 12   | 2    | 9    | 21   | 22   | 24   | 25   | 21.8 |
|     | 19 | 26   | 27   | 23   | 23   | 14   | 10   | 21   | 9    | 17   | 21   | 20   | 31   | 24.2 |
|     | 20 | 31   | 25   | 21   | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
|     | 21 | 24   | 26   | 24   | 18   | X    | X    | X    | X    | X    | X    | X    | X    | X    |
|     | 22 | 28   | 26   | 27   | 16   | 14   | 18   | 17   | 20   | 20   | 15   | 24   | 30   | 25.5 |
|     | 23 | 23   | 24   | 17   | 8    | 15   | 10   | 20   | 15   | 21   | 16   | 21   | 25   | 21.5 |
|     | 24 | 30   | 19   | 26   | 17   | 14   | 14   | 18   | 11   | 22   | 19   | 18   | 30   | 23.8 |
|     | 25 | 25   | 21   | 20   | 11   | 9    | 24   | 11   | 9    | 17   | 20   | 18   | 30   | 21.5 |
|     | 26 | 28   | 21   | 24   | 18   | 14   | 16   | 17   | 12   | 17   | 17   | 24   | 28   | 23.6 |
|     | 27 | 29   | 27   | 19   | 22   | 9    | 18   | 17   | 21   | 16   | 18   | 18   | 29   | 24.3 |
|     | 28 | 28   | 24   | 27   | 22   | 13   | 12   | 18   | 16   | 18   | 15   | 25   | 25   | 24.1 |
|     | 29 | 22   | 22   | 23   | 15   | 20   | 17   | 17   | 9    | 13   | 13   | 16   | 26   | 21.3 |
|     | 30 | 30   | 22   | 19   | 12   | 22   | 17   | 13   | 15   | 17   | 25   | 24   | 30   | 24.6 |
|     | 31 | 28   | 26   | 22   | 16   | 18   | 24   | 17   | 16   | 16   | 14   | 25   | 29   | 25.1 |
|     | 32 | 25   | 25   | 29   | 14   | 12   | 14   | 20   | 18   | 18   | 20   | 14   | 27   | 23.6 |
|     | 33 | 29   | 23   | 22   | 21   | 12   | 11   | 18   | 20   | 17   | 12   | 13   | 22   | 22.0 |
|     | 34 | 26   | 19   | 22   | 15   | 13   | 18   | 19   | 12   | 17   | 18   | 18   | 24   | 22.1 |
| 平 均 |    | 27.5 | 24.3 | 22.8 | 16.5 | 14.7 | 15.8 | 16.9 | 13.6 | 18.3 | 17.3 | 20.4 | 27.3 | 23.5 |

量別降水日数  $\geq 10.0mm$ 

| 年   | 月  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 年    |
|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 昭和  | 13 | 12  | 11  | 5   | 5   | 8   | 6   | 6   | 1   | 8   | 7   | 10  | 8    | 87   |
|     | 14 | 8   | 6   | 8   | 4   | 3   | 4   | 3   | 4   | 9   | 5   | 9   | 7    | 70   |
|     | 15 | 12  | 10  | 5   | 5   | 4   | 1   | 18  | 3   | 7   | 5   | 6   | 7    | 83   |
|     | 16 | 5   | 5   | 8   | 4   | 6   | 6   | 12  | 5   | 8   | 5   | 3   | 9    | 76   |
|     | 17 | 11  | 4   | 3   | 7   | 2   | 3   | 7   | 2   | 7   | 6   | 15  | 13   | 80   |
|     | 18 | 8   | 8   | 3   | 7   | 5   | 3   | -   | 6   | 8   | 8   | 10  | 9    | 75   |
|     | 19 | 4   | 9   | 5   | 7   | 7   | 4   | 11  | 2   | 6   | 6   | 9   | 12   | 82   |
|     | 20 | 7   | 5   | 9   | X   | X   | X   | X   | X   | X   | X   | X   | 15   | X    |
|     | 21 | 9   | 4   | 7   | 8   | X   | X   | X   | X   | X   | X   | X   | 21   | X    |
|     | 22 | 8   | 6   | 7   | 6   | 4   | 10  | 10  | 9   | 10  | 6   | 7   | 17   | 100  |
|     | 23 | 10  | 4   | 5   | 3   | 4   | 3   | 8   | 6   | 7   | 5   | 10  | 8    | 73   |
|     | 24 | 13  | 10  | 5   | 7   | 6   | 4   | 3   | 4   | 5   | 8   | 7   | 9    | 81   |
|     | 25 | 10  | 4   | 4   | 3   | 6   | 3   | 5   | 3   | 7   | 6   | 8   | 10   | 69   |
|     | 26 | 3   | 7   | 7   | 6   | 7   | 2   | 5   | 7   | 7   | 8   | 9   | 14   | 82   |
|     | 27 | 10  | 7   | 3   | 6   | 3   | 7   | 9   | 11  | 3   | 5   | 7   | 8    | 79   |
|     | 28 | 12  | 3   | 8   | 5   | 1   | 3   | 9   | 9   | 7   | 3   | 6   | 7    | 73   |
|     | 29 | 2   | 5   | 6   | 5   | 7   | 11  | 7   | -   | 7   | 3   | 5   | 7    | 70   |
|     | 30 | 12  | 6   | 3   | 4   | 10  | 8   | 4   | 5   | 6   | 11  | 10  | 11   | 90   |
|     | 31 | 11  | 8   | 10  | 6   | 6   | 7   | 8   | 7   | 5   | 5   | 13  | 15   | 101  |
|     | 32 | 9   | 8   | 5   | 7   | 4   | 4   | 8   | 4   | 9   | 8   | 4   | 9    | 79   |
|     | 33 | 11  | 11  | 8   | 5   | 1   | 3   | 13  | 7   | 10  | 5   | 6   | 10   | 90   |
|     | 34 | 17  | 6   | 11  | 7   | 3   | 6   | 10  | 7   | 7   | 9   | 9   | 11   | 103  |
| 平 均 |    | 9.4 | 6.9 | 6.0 | 5.5 | 4.9 | 4.9 | 7.8 | 5.1 | 7.2 | 6.5 | 8.2 | 10.1 | 82.5 |

量別降水日数  $\geq 50.0mm$ 

| 年   | 月  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 年   |
|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 昭和  | 13 | -   | -   | -   | -   | -   | 1   | 2   | -   | -   | 3   | -   | -   | 6   |
|     | 14 | -   | -   | -   | -   | -   | -   | 1   | -   | -   | -   | -   | -   | 1   |
|     | 15 | -   | -   | -   | -   | -   | -   | 5   | 1   | 1   | -   | -   | -   | 7   |
|     | 16 | -   | -   | -   | -   | -   | 1   | 2   | -   | -   | -   | -   | -   | 3   |
|     | 17 | -   | -   | -   | -   | -   | 1   | -   | 1   | -   | -   | -   | 1   | 3   |
|     | 18 | -   | 1   | -   | -   | -   | 1   | -   | 3   | 1   | -   | -   | -   | 6   |
|     | 19 | -   | -   | -   | -   | 1   | -   | 4   | -   | 1   | -   | -   | -   | 6   |
|     | 20 | -   | -   | 1   | X   | X   | X   | X   | X   | X   | X   | X   | 1   | X   |
|     | 21 | -   | -   | -   | -   | X   | X   | X   | X   | X   | X   | X   | -   | X   |
|     | 22 | -   | -   | -   | 1   | -   | -   | 2   | 2   | 2   | -   | -   | -   | 7   |
|     | 23 | -   | -   | -   | -   | -   | 1   | 1   | 1   | -   | 3   | -   | -   | 6   |
|     | 24 | -   | -   | -   | -   | -   | -   | -   | 1   | 1   | -   | -   | -   | 2   |
|     | 25 | -   | -   | -   | -   | -   | 1   | 1   | -   | -   | -   | -   | -   | 2   |
|     | 26 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
|     | 27 | 1   | -   | -   | -   | -   | 1   | 2   | 1   | 1   | -   | -   | -   | 6   |
|     | 28 | -   | -   | -   | 1   | -   | -   | 1   | 2   | -   | -   | -   | -   | 4   |
|     | 29 | -   | -   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1   |
|     | 30 | -   | -   | -   | -   | -   | 2   | -   | 1   | -   | -   | -   | -   | 3   |
|     | 31 | -   | -   | -   | -   | 1   | 1   | 1   | -   | -   | -   | 1   | -   | 4   |
|     | 32 | -   | -   | -   | 1   | -   | -   | 2   | 1   | -   | -   | -   | -   | 4   |
|     | 33 | -   | -   | -   | 1   | -   | -   | 3   | -   | -   | 1   | -   | 1   | 6   |
|     | 34 | -   | -   | -   | -   | 1   | 1   | 3   | -   | -   | -   | -   | -   | 5   |
| 平 均 |    | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.6 | 1.5 | 0.7 | 0.4 | 0.4 | 0.1 | 0.1 | 4.5 |

平均風速 (m/s)

| 年  | 月  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 年   |
|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 昭和 | 13 | 1.3 | 1.6 | 1.4 | 1.9 | 1.4 | 1.4 | 1.1 | 1.5 | 1.1 | 1.0 | 1.0 | 1.4 | 1.3 |
|    | 14 | 1.5 | 1.7 | 1.5 | 1.5 | 1.4 | 1.2 | 1.2 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 | 1.3 |
|    | 15 | 1.1 | 1.3 | 1.4 | 1.7 | 1.6 | 1.2 | 1.1 | 1.2 | 1.1 | 1.2 | 1.1 | 1.1 | 1.3 |
|    | 16 | 1.2 | 1.4 | 1.6 | 1.5 | 1.7 | 1.4 | 0.9 | 0.8 | 1.0 | 1.2 | 1.1 | 1.0 | 1.2 |
|    | 17 | 1.3 | 1.1 | 1.4 | 2.0 | 1.4 | 1.4 | 1.0 | 1.1 | 0.9 | 1.0 | 1.1 | 0.9 | 1.2 |
|    | 18 | 1.5 | 1.2 | 1.3 | 1.6 | 1.3 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 1.2 | 1.3 |
|    | 19 | 1.3 | 1.4 | 1.1 | 1.3 | 1.4 | 0.9 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 0.9 | 1.1 |
|    | 20 | 1.0 | 1.4 | 1.4 | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
|    | 21 | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
|    | 22 | X   | X   | X   | X   | X   | 1.2 | 1.1 | 1.2 | 1.0 | 1.1 | 1.3 | 1.6 | X   |
|    | 23 | 1.5 | 1.4 | 1.1 | 0.6 | 0.7 | 0.5 | 0.2 | 0.2 | 0.5 | 0.9 | 1.1 | 1.1 | 0.8 |
|    | 24 | 1.2 | 1.2 | 1.4 | 1.5 | 1.7 | 1.1 | 0.8 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 |
|    | 25 | 1.1 | 1.3 | 1.4 | 1.3 | 1.5 | 0.8 | 1.0 | 1.0 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 |
|    | 26 | 0.9 | 0.9 | 1.2 | 1.4 | 1.2 | 1.1 | 0.8 | 0.9 | 0.9 | 0.7 | 0.9 | 0.6 | 1.0 |
|    | 27 | 0.6 | 0.8 | 1.2 | 1.2 | 1.2 | 1.0 | 0.9 | 0.8 | 0.9 | 1.1 | 1.2 | 1.1 | 1.0 |
|    | 28 | 1.2 | 0.9 | 1.2 | 1.6 | 1.7 | 1.3 | 1.0 | 1.1 | 1.0 | 1.2 | 1.5 | 1.2 | 1.2 |
|    | 29 | 1.3 | 1.1 | 1.3 | 1.7 | 1.6 | 1.3 | 1.1 | 1.1 | 1.3 | 1.2 | 1.4 | 1.7 | 1.3 |
|    | 30 | 1.3 | 1.8 | 1.4 | 1.9 | 1.7 | 1.5 | 1.2 | 1.1 | 1.0 | 1.3 | 1.1 | 1.3 | 1.4 |
|    | 31 | 1.2 | 1.4 | 1.4 | 1.8 | 1.6 | 1.1 | 1.2 | 1.1 | 1.1 | 1.2 | 1.0 | 1.2 | 1.3 |
|    | 32 | 1.2 | 1.4 | 1.7 | 1.6 | 1.6 | 1.3 | 0.9 | 1.0 | 1.3 | 1.1 | 1.3 | 1.1 | 1.3 |
|    | 33 | 1.5 | 1.3 | 1.7 | 1.9 | 1.8 | 0.7 | 0.7 | 0.5 | 0.6 | X   | 0.9 | 1.3 | X   |
|    | 34 | 1.4 | 1.3 | 1.3 | 2.3 | 1.8 | 1.2 | 1.0 | 1.7 | 1.3 | 1.2 | 1.3 | 1.2 | 1.4 |
| 平  | 均  | 1.2 | 1.3 | 1.4 | 1.6 | 1.5 | 1.2 | 1.0 | 1.1 | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 |

最大風速 (m/s)

| 年  | 月  | 1    | 2    | 3     | 4    | 5    | 6    | 7    | 8     | 9    | 10    | 11  | 12   | 年    | 方向  | 起日           |
|----|----|------|------|-------|------|------|------|------|-------|------|-------|-----|------|------|-----|--------------|
| 昭和 | 13 | 5.3  | 6.3  | 6.6   | 10.7 | 5.3  | 5.0  | 4.0  | 4.3   | 5.1  | 3.1   | 3.3 | 8.1  | 10.7 | SW  | 15 IV        |
|    | 14 | 7.3  | 4.0  | 5.7   | 5.5  | 6.8  | 4.6  | 3.6  | 3.8   | 3.6  | 5.2   | 5.3 | 5.3  | 7.3  | SW  | 19 I         |
|    | 15 | 5.6  | 4.8  | 4.3   | 10.9 | 5.9  | 3.5  | 5.9  | 3.3   | 5.5  | 5.9   | 4.6 | 4.9  | 10.9 | SW  | 4 IV         |
|    | 16 | 4.4  | 3.7  | 4.8   | 4.8  | 7.2  | 7.8  | 3.2  | 3.7   | 4.6  | 3.9   | 4.3 | 2.3  | 7.8  | SW  | 6 VI         |
|    | 17 | 4.1  | 4.7  | 4.9   | 7.3  | 5.6  | 3.9  | 2.3  | 3.0   | 3.4  | 2.5   | 2.9 | 2.0  | 7.3  | SW  | 22 IV        |
|    | 18 | 5.8  | 3.8  | 3.5   | 5.8  | 3.2  | 4.8  | 3.2  | 4.7   | 5.7  | 5.5   | 4.2 | 4.5  | 5.8  | W   | 24 I         |
|    | 19 | 4.3  | 3.3  | 3.8   | 3.8  | 7.3  | 2.3  | 4.2  | 4.2   | 3.2  | 4.8   | 2.7 | 3.2  | 7.3  | SW  | 6 V          |
|    | 20 | 2.3  | 6.0  | 4.5   | X    | X    | X    | X    | X     | X    | X     | X   | X    | X    | X   | X            |
|    | 21 | X    | X    | X     | X    | X    | X    | X    | X     | X    | X     | X   | X    | X    | X   | X            |
|    | 22 | X    | X    | X     | X    | 3.2  | 4.8  | 2.8  | 3.5   | 3.0  | 2.7   | 3.7 | 4.0  | X    | X   | X            |
|    | 23 | 6.7  | 3.3  | 5.0   | 3.8  | 4.0  | 3.8  | 3.7  | 2.3   | 3.3  | 3.2   | 4.0 | 4.2  | 6.7  | W   | 15 I         |
|    | 24 | 4.5  | 5.7  | 4.8   | 4.7  | 5.3  | 6.2  | 3.3  | 3.2   | 3.3  | 4.3   | 3.2 | 3.2  | 6.2  | S   | 9 VI         |
|    | 25 | 10.8 | 4.8  | 4.0   | 3.2  | 5.0  | 3.5  | 3.7  | 4.5   | 3.7  | 2.7   | 3.7 | 3.0  | 10.8 | SW  | 31 I         |
|    | 26 | 3.5  | 4.7  | 7.2   | 5.2  | 3.8  | 3.4  | 3.0  | 3.5   | 4.2  | 3.3   | 4.5 | 4.0  | 7.2  | SW  | 15 III       |
|    | 27 | 5.7  | 4.0  | 5.0   | 3.5  | 4.7  | 4.4  | 3.6  | 4.0   | 4.6  | 4.6   | 4.6 | 4.8  | 5.7  | WSW | 18 I         |
|    | 28 | 5.4  | 2.6  | 6.5   | 4.2  | 5.9  | 4.2  | 3.4  | 2.4   | 3.8  | 3.0   | 5.4 | 4.2  | 6.5  | SW  | 21 III       |
|    | 29 | 6.3  | 5.4  | 6.7   | 12.0 | 11.8 | 6.5  | 7.4  | 6.1   | 7.4  | 5.7   | 5.5 | 6.7  | 12.0 | W   | 19 IV        |
|    | 30 | 9.3  | 8.0  | 6.1   | 6.7  | 5.9  | 6.5  | 5.0  | 5.0   | 5.7  | 8.7   | 5.7 | 7.1  | 9.3  | SW  | 5 I          |
|    | 31 | 6.3  | 5.9  | 6.5   | 8.4  | 8.7  | 6.9  | 5.9  | 7.4   | 7.6  | 7.1   | 6.9 | 8.7  | 8.7  | SW  | 6 V          |
|    | 32 | 8.2  | 6.9  | 8.2   | 6.9  | 7.4  | 5.5  | 5.0  | 4.8   | 6.3  | 6.5   | 5.7 | 13.2 | 13.2 | W   | 5 XII        |
|    | 33 | 13.2 | 6.9  | 8.2   | 9.3  | 7.3  | 6.3  | 7.3  | 6.2   | 7.2  | 10.0  | 7.5 | 9.4  | 13.2 | W   | 22 I         |
|    | 34 | 8.7  | 8.2  | 6.5   | 9.3  | 5.9  | 5.7  | 6.9  | 10.5  | 10.5 | 8.5   | 7.4 | 6.3  | 10.5 | SW  | 14 VIII      |
| 極  | 值  | 13.2 | 8.2  | 8.2   | 12.0 | 11.8 | 7.8  | 7.4  | 10.5  | 10.5 | 10.0  | 7.5 | 13.2 | 13.2 | W   | 13 XII       |
| 起日 | 日  | W 22 | W 11 | NE 22 | W 19 | W 9  | SW 6 | SW 1 | SW 14 | W 8  | SW 11 | W 5 | W 13 | W 13 | W   | 22 I         |
| 年  | 33 | 34   | 33   | 29    | 29   | 16   | 29   | 34   | 34    | 33   | 33    | 32  |      |      |     | 昭和32年<br>33年 |

平均積雪深 (cm)

| 年  | 月     | 10 | 11   | 12    | 1     | 2     | 3     | 4    | 年     |
|----|-------|----|------|-------|-------|-------|-------|------|-------|
| 昭和 | 13    | X  | X    | X     | 152.7 | 197.0 | 150.7 | 44.6 | X     |
|    | 13-14 | -  | 3.4  | 29.3  | 119.9 | 154.8 | 150.2 | 69.9 | 87.9  |
|    | 14-15 | -  | 28.8 | 40.7  | 116.1 | 212.0 | 169.2 | 69.2 | 106.0 |
|    | 15-16 | -  | -    | 9.3   | 45.4  | 84.5  | 60.4  | 19.8 | 37.1  |
|    | 16-17 | -  | -    | 20.7  | 104.4 | 145.3 | 79.2  | 6.0  | 59.3  |
|    | 17-18 | -  | 17.8 | 100.3 | 135.0 | 206.0 | 178.8 | 71.0 | 118.2 |
|    | 18-19 | -  | 4.0  | 19.5  | 79.8  | 118.5 | 113.0 | 55.2 | 65.0  |
|    | 19-20 | -  | 0.0  | 70.1  | 156.1 | 186.9 | 188.1 | X    | X     |
|    | 20-21 | -  | -    | 68.1  | 144.8 | 165.1 | 176.5 | 66.9 | 103.6 |
|    | 21-22 | -  | -    | 104.4 | 115.2 | 183.3 | 186.1 | 91.6 | 113.4 |
|    | 22-23 | -  | 4.8  | 69.9  | 104.0 | 131.3 | 122.7 | 63.1 | 82.6  |
|    | 23-24 | -  | 23.2 | 75.8  | 49.9  | 56.0  | 69.5  | 36.6 | 51.8  |
|    | 24-25 | -  | 3.0  | 29.1  | 67.8  | 82.3  | 80.5  | 24.0 | 47.3  |
|    | 25-26 | -  | 10.7 | 24.8  | 91.1  | 130.2 | 73.8  | 16.6 | 57.9  |
|    | 26-27 | -  | 18.4 | 83.2  | 84.2  | 142.9 | 132.4 | 42.2 | 83.9  |
|    | 27-28 | -  | 5.8  | 42.8  | 121.5 | 171.5 | 107.8 | 31.0 | 80.1  |
|    | 28-29 | -  | 5.1  | 8.9   | 24.9  | 43.1  | 30.3  | 1.5  | 19.0  |
|    | 29-30 | -  | 0.3  | 22.0  | 102.2 | 119.8 | 80.1  | 23.7 | 58.0  |
|    | 30-31 | -  | -    | 7.4   | 60.1  | 119.6 | 112.7 | 41.0 | 56.8  |
|    | 31-32 | -  | 10.9 | 59.5  | 98.5  | 125.0 | 154.0 | 79.6 | 87.9  |
|    | 32-33 | -  | 1.0  | 18.6  | 60.2  | 111.1 | 112.2 | 37.7 | 56.8  |
|    | 33-34 | -  | 5.3  | 2.9   | 70.3  | 61.9  | 31.7  | 0.0  | 28.7  |
| 平  | 均     | -  | 7.1  | 41.9  | 89.8  | 128.2 | 111.1 | 42.3 | 70.1  |

最深積雪深 (cm)

| 年  | 月     | 11    | 12    | 1     | 2     | 3     | 4     | 年   | 起日     |
|----|-------|-------|-------|-------|-------|-------|-------|-----|--------|
| 昭和 | 13    | X     | X     | 187   | 218   | 196   | 93    | 218 | 26 II  |
|    | 13-14 | 12    | 77    | 151   | 196   | 187   | 140   | 196 | 10 II  |
|    | 14-15 | 37    | 61    | 224   | 232   | 226   | 130   | 232 | 23 II  |
|    | 15-16 | -     | 28    | 77    | 104   | 105   | 45    | 105 | 6 III  |
|    | 16-17 | -     | 46    | 134   | 182   | 132   | 22    | 182 | 22 II  |
|    | 17-18 | 36    | 87    | 163   | 251   | 210   | 128   | 261 | 12 II  |
|    | 18-19 | 12    | 36    | 102   | 154   | 140   | 103   | 154 | 26 II  |
|    | 19-20 | -     | 145   | 202   | 206   | 230   | X     | 230 | 12 III |
|    | 20-21 | -     | 125   | 186   | 188   | 208   | 138   | 208 | 12 III |
|    | 21-22 | X     | 134   | 178   | 233   | 212   | 166   | 233 | 20 II  |
|    | 22-23 | 8     | 135   | 142   | 156   | 160   | 78    | 160 | 8 III  |
|    | 23-24 | 39    | 29    | 79    | 86    | 94    | 60    | 94  | 25 III |
|    | 24-25 | 3     | 52    | 95    | 105   | 109   | 45    | 109 | 15 III |
|    | 25-26 | 20    | 30    | 126   | 158   | 102   | 38    | 158 | 8 II   |
|    | 26-27 | 36    | 23    | 146   | 179   | 178   | 79    | 179 | 27 II  |
|    | 27-28 | 12    | 88    | 173   | 188   | 144   | 71    | 188 | 4 II   |
|    | 28-29 | 12    | 25    | 47    | 58    | 56    | 3     | 58  | 23 II  |
|    | 29-30 | 1     | 57    | 132   | 137   | 112   | 39    | 137 | 17 II  |
|    | 30-31 | -     | 22    | 96    | 138   | 164   | 76    | 164 | 11 III |
|    | 31-32 | 30    | 126   | 122   | 184   | 172   | 165   | 184 | 25 II  |
|    | 32-33 | 2     | 38    | 102   | 139   | 166   | 75    | 166 | 6 III  |
|    | 33-34 | 8     | 11    | 120   | 85    | 58    | 0     | 120 | 20 I   |
| 極  | 值     | 39    | 145   | 224   | 261   | 230   | 165   | 261 | 12 II  |
| 起日 | 日     | 30    | 19    | 31    | 12    | 12    | 2     |     |        |
| 年  | 23-24 | 19-20 | 14-15 | 17-18 | 19-20 | 19-32 | 17-18 |     |        |

現象日数 1938~1959

| 項目 | 月 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 年     |
|----|---|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 快晴 | 晴 | 0.7  | 0.5  | 2.2  | 3.6  | 4.5  | 2.1  | 2.2  | 3.2  | 1.5  | 2.5  | 3.1  | 1.1  | 27.2  |
| 曇天 | 天 | 26.5 | 23.6 | 21.9 | 19.2 | 19.3 | 21.2 | 22.1 | 17.3 | 20.5 | 21.3 | 21.6 | 25.8 | 260.1 |
| 暴風 | 風 | 0.1  | -    | 0.1  | 0.2  | 0.1  | -    | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 1.0   |
| 霜  | 霜 | 5.9  | 5.7  | 7.1  | 8.7  | 2.3  | -    | -    | -    | -    | 2.9  | 2.3  | 7.6  | 49.5  |
| 霜柱 | 柱 | 0.2  | -    | 0.1  | 3.3  | 1.0  | -    | -    | -    | -    | 0.8  | 7.7  | 3.3  | 16.4  |
| 霧  | 霧 | 1.2  | 1.3  | 2.6  | 2.1  | 1.1  | 1.6  | 2.5  | 3.1  | 3.6  | 5.4  | 3.0  | 2.5  | 30.0  |
| 雪  | 雪 | 27.5 | 24.6 | 17.1 | 4.1  | -    | -    | -    | -    | -    | 0.2  | 5.8  | 21.5 | 101.6 |
| 吹雪 | 雪 | 5.9  | 4.7  | 1.4  | 0.1  | -    | -    | -    | -    | -    | -    | 0.2  | 2.2  | 14.4  |
| 積雪 | 雪 | 30.7 | 28.3 | 30.8 | 16.3 | -    | -    | -    | -    | -    | -    | 3.6  | 24.2 | 134.1 |
| 結氷 | 氷 | 29.4 | 26.9 | 23.7 | 9.0  | 1.2  | -    | -    | -    | -    | 0.9  | 10.0 | 23.7 | 124.8 |
| 降雨 | 水 | 5.4  | 5.1  | 11.8 | 16.1 | 15.2 | 15.7 | 17.4 | 13.9 | 18.5 | 17.3 | 19.4 | 14.2 | 170.0 |

雪氷の諸記録

| 項目<br>年 | 根 雪 |                                | 積 雪             |      | 最低 $<^{\circ}\text{C}$ |                 | 霜    |                 | 霜 柱             |       | 雪               |                 | 結 氷   |                 |                 |        |                 |                  |             |    |                 |
|---------|-----|--------------------------------|-----------------|------|------------------------|-----------------|------|-----------------|-----------------|-------|-----------------|-----------------|-------|-----------------|-----------------|--------|-----------------|------------------|-------------|----|-----------------|
|         | 初 日 | 終 日                            | 初 日             | 終 日  | 初 日                    | 終 日             | 初 日  | 終 日             | 初 日             | 終 日   | 初 日             | 終 日             | 初 日   | 終 日             |                 |        |                 |                  |             |    |                 |
| 昭和      |     |                                |                 |      |                        |                 |      |                 |                 |       |                 |                 |       |                 |                 |        |                 |                  |             |    |                 |
| —13     |     | X 19                           | IV              | X 19 | IV                     | X 14            | V 14 | X 14            | V 14            | X 30  | IV              | X 16            | IV    | X 14            | V 14            |        |                 |                  |             |    |                 |
| 13—14   | 6   | XI 26                          | IV              | 12   | XI 26                  | IV              | 18   | X 17            | V 9             | X 17  | V 18            | X 21            | XI 11 | XI 9            | IV 18           | X 17   | V 17            |                  |             |    |                 |
| 14—15   | 26  | XI 28                          | IV              | 26   | XI 28                  | IV              | 23   | X 11            | V 23            | X 7   | V 23            | X 7             | V 13  | XI 15           | IV 23           | X 23   | X 1             | V 1              |             |    |                 |
| 15—16   | 26  | XI 13                          | IV              | 8    | XI 24                  | IV              | 18   | X 16            | V 10            | X 16  | V 9             | XI 16           | V 21  | XI 24           | IV 18           | X 16   | V 16            | V 16             |             |    |                 |
| 16—17   | 13  | XI 6                           | IV              | 1    | XI 6                   | IV              | 23   | X 30            | IV 18           | X 30  | IV 31           | X 12            | IV 27 | X 18            | IV 25           | X 18   | IV 18           | IV 18            |             |    |                 |
| 17—18   | 26  | XI 27                          | IV              | 9    | XI 27                  | IV              | 25   | X 3             | V 20            | X 12  | V 6             | XI 17           | IV 8  | XI 22           | IV 20           | X 18   | IV 18           | IV 18            |             |    |                 |
| 18—19   | 4   | XI 29                          | IV              | 13   | XI 19                  | IV              | 1    | XI 25           | IV 25           | X 8   | V 22            | X 23            | X 17  | IV 9            | XI 18           | IV 18  | IV 18           | IV 18            |             |    |                 |
| 19—20   | 3   | XI                             | ×               | 1    | XI                     | ×               | 17   | X ×             | ×               | ×     | ×               | ×               | ×     | 13              | XI ×            | ×      | ×               | ×                |             |    |                 |
| 20—21   | 2   | XI 26                          | IV              | 2    | XI 26                  | IV              | ×    | ×               | ×               | ×     | ×               | ×               | ×     | 1               | XI 15           | IV 15  | IV 15           | IV 15            |             |    |                 |
| 21—22   | 7   | XI 4                           | V               | 7    | XI 4                   | V               | ×    | 11              | V ×             | ×     | ×               | ×               | ×     | 6               | XI 12           | IV 12  | IV 12           | IV 12            |             |    |                 |
| 22—23   | 4   | XI 12                          | IV              | 5    | XI 1                   | V               | 31   | X 26            | IV 31           | X 26  | IV 11           | XI 11           | ×     | 11              | XI 29           | III 18 | X 26            | IV 26            |             |    |                 |
| 23—24   | 5   | I 19                           | IV              | 15   | XI 19                  | IV              | 5    | XI 1            | V 15            | X 17  | V 17            | ×               | ×     | 28              | XI 16           | IV 5   | XI 1            | V 1              |             |    |                 |
| 24—25   | 6   | XI 9                           | IV              | 5    | XI 9                   | IV              | 9    | XI 27           | IV 9            | XI 30 | IV 18           | X 18            | XI 23 | III 23          | IV 9            | XI 30  | IV 30           | IV 30            |             |    |                 |
| 25—26   | 5   | XI 10                          | IV              | 15   | XI 10                  | IV              | 26   | X 7             | V 11            | X 7   | V 25            | X 7             | V 14  | XI 24           | IV 26           | X 26   | X 7             | V 7              |             |    |                 |
| 26—27   | 28  | XI 17                          | IV              | 27   | XI 17                  | IV              | 1    | XI 14           | V 23            | X 18  | V 31            | X 25            | IV 26 | XI 26           | IV 1            | XI 14  | V 14            | V 14             |             |    |                 |
| 27—28   | 3   | XI 15                          | IV              | 13   | XI 24                  | IV              | 27   | X 4             | V 19            | X 20  | V 31            | X 4             | V 12  | XI 24           | IV 27           | X 27   | X 4             | V 4              |             |    |                 |
| 28—29   | 23  | XI 2                           | IV              | 12   | XI 2                   | IV              | 27   | X 28            | IV 15           | X 11  | V 16            | X 11            | V 7   | XI 21           | IV 27           | X 28   | IV 28           | IV 28            |             |    |                 |
| 29—30   | 14  | XI 10                          | IV              | 12   | XI 10                  | IV              | 7    | XI 30           | IV 5            | X 8   | V 7             | XI 27           | IV 11 | XI 1            | V 7             | XI 30  | IV 30           | IV 30            |             |    |                 |
| 30—31   | 29  | XI 16                          | IV              | 8    | XI 16                  | IV              | 12   | XI 1            | V 11            | XI 1  | V 12            | XI 1            | V 9   | XI 29           | IV 12           | XI 1   | V 1             | V 1              |             |    |                 |
| 31—32   | 28  | XI 27                          | IV              | 16   | XI 27                  | IV              | 28   | X 4             | V 16            | X 4   | V 28            | X 4             | V 15  | XI 3            | IV 28           | X 4    | V 4             | V 4              |             |    |                 |
| 32—33   | 19  | XI 15                          | IV              | 29   | XI 15                  | IV              | 9    | XI 14           | V 2             | XI 14 | V 21            | XI 16           | IV 18 | X 19            | IV 9            | XI 14  | V 14            | V 14             |             |    |                 |
| 33—34   | 3   | I 27                           | III             | 20   | XI 27                  | III             | 29   | X 8             | V 17            | X 8   | V 29            | X 20            | IV 16 | XI 14           | IV 29           | X 8    | V 8             | V 8              |             |    |                 |
| 累年平均    | 12  | XI 17                          | IV              | 22   | XI 18                  | IV              | 29   | X 6             | V 21            | X 9   | V 1             | XI 29           | IV 13 | XI 15           | IV 29           | X 3    | V 3             | V 3              |             |    |                 |
| 最 早 年   | 26  | XI <sup>14</sup> <sub>17</sub> |                 | 5    | XI <sup>22</sup>       |                 | 17   | X <sup>19</sup> |                 | 5     | X <sup>29</sup> |                 | 16    | X <sup>28</sup> |                 | 18     | X <sup>32</sup> |                  | 13.22<br>15 |    |                 |
| 最 晚 年   |     | 4                              | V <sup>22</sup> |      | 4                      | V <sup>22</sup> |      | 17              | V <sup>14</sup> |       | 20              | V <sup>28</sup> |       | 16              | V <sup>16</sup> |        | 29              | IV <sup>31</sup> |             | 17 | V <sup>14</sup> |

動物季節

| 動物名     | 項目 | 声を開きたる日 |        |                          |                      | 見たる日  |       |                      |                     |
|---------|----|---------|--------|--------------------------|----------------------|-------|-------|----------------------|---------------------|
|         |    | 初日      | 終日     | 最 早 年                    | 最 晚 年                | 初日    | 終日    | 最 早 年                | 最 晚 年               |
| うぐいす    |    | 13 IV   | 15 VII | 2 IV <sup>29</sup>       | 21 VII <sup>14</sup> |       |       |                      |                     |
| つばめ     |    |         |        |                          |                      | 16 IV | 12 IX | 17 III <sup>16</sup> | 26 IX <sup>13</sup> |
| もんしろちょう |    |         |        |                          |                      | 26 IV |       | 4 IV <sup>29</sup>   |                     |
| へび      |    |         |        |                          |                      | 25 IV | 15 X  | 10 IV <sup>30</sup>  | 19 X <sup>14</sup>  |
| かつこう    |    | 17 V    |        | 8 V <sup>33</sup>        |                      |       |       |                      |                     |
| ほととぎす   |    | 25 V    | 10 VII | 13 V <sup>30</sup>       | 10 VII               |       |       |                      |                     |
| ひぐらしせみ  |    | 21 VI   |        | 29 V <sup>31</sup>       |                      |       |       |                      |                     |
| あぶらせみ   |    | 21 VII  |        | 10 VII                   |                      |       |       |                      |                     |
| つくつくぼうし |    | 1 VII   |        | 21 VII <sup>31</sup>     |                      |       |       |                      |                     |
| はるせみ    |    | 22 V    |        | 19 V <sup>14.28.29</sup> |                      |       |       |                      |                     |
| みんなせみ   |    | 2 VII   |        | 30 VII <sup>33</sup>     |                      |       |       |                      |                     |
| はたる     |    |         |        |                          |                      | 26 VI |       | 23 VI <sup>14</sup>  |                     |

植物季節

| 樹種  | 項目  | 発 芽                 | 開 花                  | 満 開                    | 落 花                 | 紅 葉                 | 花 飛 粉 散 | 落 葉                 |
|-----|-----|---------------------|----------------------|------------------------|---------------------|---------------------|---------|---------------------|
| 早生  | さくら |                     | 27 IV                | 3 V                    | 3 V                 |                     |         |                     |
| 最 早 | 早 年 |                     | 19 VI <sup>34</sup>  | 28 IV <sup>30</sup>    | 27 IV <sup>34</sup> |                     |         |                     |
| 最 最 | 最 最 |                     | 1 V <sup>27.32</sup> | 6 V <sup>28.32</sup>   | 11 V <sup>28</sup>  |                     |         |                     |
| こ   | ぶ   |                     | 27 IV                |                        |                     |                     |         |                     |
| 最 早 | 最 早 |                     | 21 IV <sup>30</sup>  |                        |                     |                     |         |                     |
| 最 最 | 最 最 |                     | 1 V <sup>27</sup>    |                        |                     |                     |         |                     |
| やま  | うるし |                     |                      |                        |                     | 18 IX <sup>30</sup> |         |                     |
| 最 早 | 最 早 |                     |                      |                        |                     | 6 IX <sup>30</sup>  |         |                     |
| 最 最 | 最 最 |                     |                      |                        |                     | 2 X <sup>29</sup>   |         |                     |
| から  | まつ  | 10 IV               |                      |                        |                     |                     |         |                     |
| 最 早 | 最 早 | 1 IV <sup>34</sup>  |                      |                        |                     |                     |         |                     |
| 最 最 | 最 最 | 21 IV <sup>27</sup> |                      |                        |                     |                     |         |                     |
| く   | り   | 3 V                 | 28 VI                |                        |                     |                     |         |                     |
| 最 早 | 最 早 | 23 IV <sup>34</sup> | 20 VI <sup>31</sup>  |                        |                     |                     |         |                     |
| 最 最 | 最 最 | 10 V <sup>32</sup>  | 5 VII <sup>29</sup>  |                        |                     |                     |         |                     |
| と   | ち   | 1 V                 | 4 VI                 |                        |                     | 11 X                |         |                     |
| 最 早 | 最 早 | 24 IV <sup>34</sup> |                      |                        |                     |                     |         |                     |
| 最 最 | 最 最 | 7 V <sup>28</sup>   |                      |                        |                     |                     |         |                     |
| は   | おのき | 4 V                 | 1 VI                 |                        |                     |                     |         | 2 X                 |
| 最 早 | 最 早 | 23 IV <sup>31</sup> | 27 V <sup>34</sup>   |                        |                     |                     |         | 28 IX <sup>34</sup> |
| 最 最 | 最 最 | 9 V <sup>32</sup>   | 4 VI <sup>33</sup>   |                        |                     |                     |         | 6 X <sup>29</sup>   |
| な   | ら   | 3 V                 |                      |                        |                     | 20 X                |         |                     |
| 最 早 | 最 早 | 25 IV <sup>34</sup> |                      |                        |                     |                     |         |                     |
| 最 最 | 最 最 | 11 V <sup>28</sup>  |                      |                        |                     |                     |         |                     |
| き   | り   | 9 V                 | 22 V                 |                        |                     |                     |         |                     |
| 最 早 | 最 早 | 29 IV <sup>34</sup> | 17 V <sup>34</sup>   |                        |                     |                     |         |                     |
| 最 最 | 最 最 | 16 V <sup>29</sup>  | 28 V <sup>31</sup>   |                        |                     |                     |         |                     |
| ふ   | ち   |                     | 22 V                 |                        |                     |                     |         |                     |
| 最 早 | 最 早 |                     | 18 V <sup>30</sup>   |                        |                     |                     |         |                     |
| 最 最 | 最 最 |                     | 31 V <sup>28</sup>   |                        |                     |                     |         |                     |
| そめい | よしの |                     | 28 IV                | 3 V                    | 3 V                 |                     |         |                     |
| 最 早 | 最 早 |                     | 20 IV <sup>34</sup>  | 28 IV <sup>29.30</sup> | 30 IV <sup>30</sup> |                     |         |                     |
| 最 最 | 最 最 |                     | 4 V <sup>15</sup>    | 10 V <sup>33</sup>     | 5 V <sup>33</sup>   |                     |         |                     |
| あ   | かまつ |                     |                      |                        |                     | 26 V <sup>31</sup>  |         |                     |
| 最 早 | 最 早 |                     |                      |                        |                     | 23 V <sup>31</sup>  |         |                     |
| 最 最 | 最 最 |                     |                      |                        |                     | 28 V <sup>33</sup>  |         |                     |
| た   | うつき |                     | 24 V                 |                        |                     |                     |         |                     |
| 最 早 | 最 早 |                     | 16 V <sup>34</sup>   |                        |                     |                     |         |                     |
| 最 最 | 最 最 |                     | 30 V <sup>32</sup>   |                        |                     |                     |         |                     |
| や   | はぎ  |                     | 8 VII                |                        |                     |                     |         |                     |
| 最 早 | 最 早 |                     | 3 VII <sup>34</sup>  |                        |                     |                     |         |                     |
| 最 最 | 最 最 |                     | 12 VII <sup>32</sup> |                        |                     |                     |         |                     |
| う   | め   |                     | 25 IV                |                        |                     |                     |         |                     |
| 最 早 | 最 早 |                     | 11 IV <sup>34</sup>  |                        |                     |                     |         |                     |
| 最 最 | 最 最 |                     | 6 V <sup>32</sup>    |                        |                     |                     |         |                     |