

1981年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1981

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C<br>Soil Temperature (Mean) |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |    | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|------------------------------------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0                                | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | %  | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     | 732.2               | 2.3                   | 6.7        | -0.4       | 12.4            | -2.2            | 1.5                                | 2.1  | 3.0  | 3.9  | 4.5  | 7.6  | 13.0         | 73        | 2.0                | 4   | 221.7       | 71 |            |            |
| 2 Feb.     | 732.9               | 3.2                   | 7.7        | 0.2        | 12.6            | -5.2            | 3.2                                | 3.7  | 4.5  | 5.2  | 5.2  | 7.1  | 11.2         | 73        | 1.8                | 6   | 140.9       | 46 | 2.8        |            |
| 3 Mar.     | 734.8               | 6.8                   | 11.5       | 3.5        | 18.2            | -2.2            | 7.0                                | 7.5  | 8.2  | 8.7  | 7.9  | 8.3  | 10.4         | 80        | 2.0                | 6   | 163.3       | 44 | 2.8        |            |
| 4 Apr.     | 733.8               | 12.8                  | 17.0       | 8.2        | 22.8            | 0.3             | 11.5                               | 12.0 | 12.7 | 13.2 | 12.2 | 11.5 | 11.0         | 71        | 2.9                | 4   | 201.9       | 52 | 2.8        |            |
| 5 May      | 732.0               | 16.6                  | 20.3       | 12.1       | 25.5            | 8.7             | 16.7                               | 16.9 | 17.5 | 17.8 | 17.1 | 15.6 | 12.9         | 76        | 2.8                | 6   | 194.0       | 45 | 2.2        |            |
| 6 June     | 731.9               | 19.0                  | 21.9       | 15.8       | 27.8            | 10.3            | 19.9                               | 19.7 | 19.8 | 20.4 | 19.3 | 17.9 | 14.7         | 90        | 1.7                | 9   | 91.3        | 21 | 1.7        |            |
| 7 July     | 732.8               | 24.0                  | 26.7       | 21.0       | 30.7            | 15.7            | 24.7                               | 24.8 | 24.8 | 25.3 | 23.7 | 21.2 | 16.6         | 91        | 2.8                | 8   | 150.6       | 34 | 1.6        |            |
| 8 Aug.     | 729.5               | 23.8                  | 27.2       | 21.1       | 30.1            | 17.0            | 24.7                               | 25.2 | 25.6 | 26.1 | 25.1 | 23.3 | 18.6         | 88        | 3.1                | 6   | 178.1       | 43 | 2.0        |            |
| 9 Sep.     | 734.1               | 19.4                  | 22.5       | 16.8       | 28.7            | 13.3            | 20.2                               | 21.1 | 22.3 | 22.4 | 22.0 | 21.9 | 19.4         | 87        | 2.1                | 7   | 123.1       | 33 | 2.3        |            |
| 10 Oct.    | 735.2               | 16.2                  | 19.7       | 13.1       | 23.8            | 8.0             | 15.8                               | 16.5 | 17.4 | 18.3 | 18.1 | 19.1 | 19.0         | 80        | 2.6                | 6   | 180.0       | 52 | 2.7        |            |
| 11 Nov.    | 736.0               | 9.3                   | 12.8       | 6.7        | 19.8            | 1.0             | 9.5                                | 10.4 | 11.4 | 12.2 | 12.7 | 14.9 | 17.3         | 78        | 1.9                | 6   | 123.1       | 40 | 2.8        |            |
| 12 Dec.    | 736.2               | 6.1                   | 10.7       | 3.3        | 16.3            | -1.3            | 5.0                                | 5.3  | 7.5  | 7.1  | 8.0  | 10.7 | 14.9         | 71        | 2.0                | 3   | 205.2       | 68 | 2.9        |            |
| 年 Year     | 733.4               | 13.3                  | 17.1       | 10.1       | 30.7            | -5.2            | 13.3                               | 13.8 | 14.6 | 15.1 | 14.7 | 14.9 | 14.9         | 80        | 2.3                | 6   | 1,973.0     | 45 |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 26.0                       | 17.0       | 1           | 5  | 3     | 2     | 1    | 0    | 0             | 0.5                              | 1                           |                        |                       |
| 2 Feb.     | 71.5                       | 17.0       | 17          | 11   | 11    | 5     | 3    | 0    | 0             | 6.0                              | 1                           | 霜                      |                       |
| 3 Mar.     | 266.0                      | 53.0       | 25          | 13   | 13    | 9     | 9    | 1    | 0             | 17.0                             | 1                           | 霜柱                     |                       |
| 4 Apr.     | 256.0                      | 53.5       | 19          | 15   | 15    | 12    | 10   | 1    | 0             | 0.0                              | 0                           | 降雪                     | Dec.14 '80            |
| 5 May      | 136.5                      | 55.5       | 17          | 8  | 8     | 6     | 4    | 1    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 116.5                      | 39.0       | 13          | 14   | 14    | 7     | 4    | 0    | 0             | 0.0                              | 0                           | 積雪                     | Dec.15 '80            |
| 7 July     | 95.5                       | 54.0       | 2           | 10   | 10    | 4     | 3    | 1    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 79.0                       | 39.0       | 22          | 10   | 10    | 4     | 2    | 0    | 0             | 0.0                              | 0                           | 積雪                     | Jan.16 '81            |
| 9 Sep.     | 174.5                      | 50.0       | 25          | 15   | 14    | 9     | 5    | 1    | 0             | 0.0                              | 0                           | 結氷                     | Mar. 1 '81            |
| 10 Oct.    | 355.0                      | 146.0      | 22          | 8  | 8     | 6     | 6    | 3    | 1             | 0.0                              | 0                           | 結氷                     | Dec.14 '80            |
| 11 Nov.    | 162.0                      | 83.5       | 2           | 10   | 10    | 8     | 3    | 1    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 12 Dec.    | 21.5                       | 7.5        | 19          | 5  | 4     | 2     | 0    | 0    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 年 Year     | 1,760.0                    | 146.0      | Oct 22      | 124  | 120   | 74    | 50   | 9    | 1             | 17.0                             | 3                           |                        |                       |

欠測月日 (Not Measured Date)

Evaporation: Mar.14,24,25 Apr.1,16,19, May 17, June 13, July 2, Aug.22, Sep.25, Oct.1, 8, 22, 29, Nov.2, Mean Wind Velocity: May 15,16, Aug. 31, Oct.2, 3, 10, Dec.8, 9

1982年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1982

| 月<br>Month | 気圧            | 気温 Air Temperature °C |      |      |      |                         | 平均地温 °C |      |      |      |      |      |              | 湿度   | 蒸発量        | 雲量   | 日照時間    | 風速 m/sec |      |
|------------|---------------|-----------------------|------|------|------|-------------------------|---------|------|------|------|------|------|--------------|------|------------|------|---------|----------|------|
|            | Pres-<br>sure | 平均                    | 最高   | 最低   | 極    | Soil Temperature (Mean) |         |      |      |      |      |      | Hum*         | Eva* | CI*        | Sun* | 平均      | 最大       |      |
|            | mm            | Mean                  | Max. | Min. | 最高   | 最低                      | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day | %    | hrs     | %        | Mean |
| 1 Jan.     | 733.8         | 3.8                   | 8.6  | 0.9  | 14.8 | -4.3                    | 3.6     | 4.4  | 5.4  | 6.2  | 6.7  | 9.0  | 12.7         | 74   | 1.9        | 4    | 188.0   | 60       | 2.9  |
| 2 Feb.     | 734.9         | 3.0                   | 7.8  | 0.2  |      |                         | 3.1     | 3.8  | 4.7  | 5.2  | 5.3  | 7.2  | 11.2         | 76   | 1.6        | 5    | 134.9   | 44       | 3.0  |
| 3 Mar.     | 734.7         | 7.8                   | 12.2 | 4.5  | 18.8 | -2.0                    | 7.6     | 8.0  | 8.7  | 9.1  | 8.5  | 8.8  | 10.4         | 75   | 2.1        | 6    | 162.7   | 44       | 2.7  |
| 4 Apr.     | 734.7         | 12.7                  | 16.7 | 8.2  | 20.7 | 1.0                     | 12.0    | 12.3 | 13.0 | 13.3 | 12.4 | 11.7 | 11.1         | 74   | 2.3        | 6    | 177.4   | 45       | 2.3  |
| 5 May      | 732.5         | 18.5                  | 21.6 | 14.8 | 25.1 | 9.4                     | 18.6    | 18.7 | 19.0 | 19.3 | 18.1 | 16.2 | 13.0         | 81   | 2.8        | 7    | 215.8   | 50       | 2.1  |
| 6 June     | 728.6         | 19.1                  | 22.3 | 15.8 | 26.0 | 12.0                    | 20.1    | 20.2 | 20.6 | 21.4 | 20.4 | 19.0 | 15.4         | 87   | 2.3        | 8    | 147.8   | 34       | 1.8  |
| 7 July     | 730.7         | 20.6                  | 23.7 | 17.8 | 27.8 | 12.3                    | 21.8    | 21.7 | 21.9 | 22.5 | 21.5 | 20.5 | 17.5         | 91   |            | 8    | 115.9   | 26       | 1.5  |
| 8 Aug.     | 732.2         | 24.3                  | 26.6 | 21.6 | 28.7 | 19.5                    | 25.2    | 25.2 | 25.4 | 25.9 | 24.7 | 22.9 | 19.3         | 90   | 2.7        | 7    | 166.4   | 40       | 1.7  |
| 9 Sep.     | 733.3         | 20.2                  | 22.9 | 17.6 | 26.8 | 13.8                    | 20.9    | 21.4 | 22.1 | 23.0 | 22.6 | 22.7 | 20.9         | 88   |            | 8    | 110.0   | 30       | 2.5  |
| 10 Oct.    | 735.8         | 15.6                  | 19.1 | 12.7 | 23.0 | 6.7                     | 16.0    | 16.6 | 17.4 | 18.4 | 18.1 | 19.3 | 20.1         | 81   | 2.1        | 6    | 180.1   | 52       | 2.5  |
| 11 Nov.    | 736.6         | 13.1                  | 16.4 | 10.0 | 21.5 | 2.0                     | 13.0    | 13.6 | 14.4 | 15.1 | 15.3 | 16.8 | 18.4         | 81   | 1.8        | 6    | 122.1   | 40       | 2.4  |
| 12 Dec.    | 735.7         | 7.4                   | 11.2 | 4.7  | 18.0 | 0.2                     | 7.2     | 7.9  | 8.9  | 9.7  | 10.5 | 13.0 | 16.4         | 76   | 1.5        | 6    | 150.6   | 50       | 2.7  |
| 年 Year     | 733.6         | 13.8                  | 17.4 | 10.7 |      |                         | 14.1    | 14.5 | 15.1 | 15.8 | 15.3 | 15.6 | 15.5         | 81   |            | 6    | 1,871.6 | 42       | 2.3  |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)     |            |             | 量別降水日数(24時間) (No. of Days)          |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |               |            |
|------------|---------------|------------|-------------|-------------------------------------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|---------------|------------|
|            | Precipitation |            |             | Distribution of 24hr. Precipitation |       |       |      |      |                                  |                             |                        |                       |               |            |
|            | 合計<br>Total   | 最大<br>Max. | 生起日<br>Date | >=0.5                               | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       | >=100<br>(mm) |            |
| 1 Jan.     | 106.0         | 75.0       | 4           | 9                                   | 8     | 4     | 2    | 1    | 0                                | 0.0                         | 0                      | 霜                     |               |            |
| 2 Feb.     | 130.0         | 43.0       | 20          | 8                                   | 8     | 7     | 5    | 0    | 0                                | 0.0                         | 0                      | Frost                 | Jan. 9 '82    | Jan.28 '82 |
| 3 Mar.     | 200.5         | 53.5       | 20          | 12                                  | 11    | 8     | 7    | 1    | 0                                | 0.0                         | 0                      | 霜柱                    |               |            |
| 4 Apr.     | 194.0         | 68.0       | 15          | 10                                  | 10    | 7     | 6    | 1    | 0                                | 0.0                         | 0                      | Frost Colum.          | Nov.29 '81    | Feb.27 '82 |
| 5 May      | 169.0         | 35.5       | 3           | 9                                   | 9     | 9     | 7    | 0    | 0                                | 0.0                         | 0                      | 降雪                    |               |            |
| 6 June     | 225.5         | 59.0       | 26          | 12                                  | 11    | 11    | 8    | 1    | 0                                | 0.0                         | 0                      | Snow Fall             | Jan. 6 '82    | Mar.25 '82 |
| 7 July     | 433.0         | 98.5       | 16          | 11                                  | 11    | 11    | 9    | 4    | 0                                | 0.0                         | 0                      | 積雪                    |               |            |
| 8 Aug.     | 131.0         | 31.5       | 1           | 12                                  | 11    | 6     | 6    | 0    | 0                                | 0.0                         | 0                      | Snow Cover            |               |            |
| 9 Sep.     | 455.5         | 72.0       | 23          | 19                                  | 19    | 15    | 12   | 3    | 0                                | 0.0                         | 0                      | 結氷                    |               |            |
| 10 Oct.    | 330.0         | 100.0      | 19          | 11                                  | 11    | 8     | 6    | 2    | 1                                | 0.0                         | 0                      | Ice                   | Nov.29 '81    | Mar. 8 '82 |
| 11 Nov.    | 219.0         | 42.5       | 4           | 12                                  | 12    | 10    | 9    | 0    | 0                                | 0.0                         | 0                      |                       |               |            |
| 12 Dec.    | 61.5          | 16.5       | 26          | 10                                  | 10    | 4     | 3    | 0    | 0                                | 0.0                         | 0                      |                       |               |            |
| 年 Year     | 2,655.0       | 100.0      | Oct 19      | 135                                 | 131   | 100   | 80   | 13   | 1                                | 0.0                         | 0                      |                       |               |            |

欠測月日 (Not Measured Date)

Pressure/Air Temperature/Soil Temperature/Humidity/Evaporation/Amount of Cloud/Hours of Sunshine: Feb.14, Evaporation: Jan.4, Feb.13,20, Mar 20,31, Apr.15, May 3, June 3,26, Aug.1, Oct.2,8,11,19, Nov.4, Mean Wind Velocity: Feb.27,28, June 3,22,23, July 21, Aug.26,27, Nov.21,26, 27

1983年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1983

| 月<br>Month | 気圧            | 気温 Air Temperature °C |      |      |      |                         | 平均地温 °C |      |      |      |      |      |              | 湿度   | 蒸発量        | 雲量   | 日照時間    |    | 風速 m/sec |      |
|------------|---------------|-----------------------|------|------|------|-------------------------|---------|------|------|------|------|------|--------------|------|------------|------|---------|----|----------|------|
|            | Pres-<br>sure | 平均                    | 最高   | 最低   | 極    | Soil Temperature (Mean) |         |      |      |      |      |      | Hum*         | Eva* | CI*        | Sun* |         | 平均 | 最大       |      |
|            | mm            | Mean                  | Max. | Min. | 最高   | 最低                      | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day | %    | hrs     | %  | Mean     | Max. |
| 1 Jan.     | 736.2         | 4.5                   | 9.2  | 1.2  | 15.4 | -4.0                    | 3.5     | 4.3  | 5.4  | 6.1  | 6.6  | 9.4  | 13.9         | 64   | 1.7        | 3    | 188.9   | 61 | 2.8      |      |
| 2 Feb.     | 733.3         | 3.7                   | 8.3  | 0.4  | 13.4 | -2.7                    | 2.9     | 4.1  | 5.2  | 6.0  | 6.0  | 8.1  | 11.8         | 68   | 2.0        | 4    | 185.8   | 61 | 2.8      |      |
| 3 Mar.     | 734.5         | 6.5                   | 10.6 | 3.5  | 15.8 | -1.2                    | 6.4     | 7.0  | 7.8  | 8.3  | 7.7  | 8.4  | 10.6         | 72   | 1.9        | 6    | 155.5   | 42 | 2.8      |      |
| 4 Apr.     | 734.7         | 14.2                  | 17.5 | 10.4 | 23.3 | 5.0                     | 13.7    | 13.6 | 13.9 | 14.2 | 13.0 | 11.7 | 11.0         | 83   | 2.1        | 7    | 151.9   | 39 | 2.5      |      |
| 5 May      | 732.3         | 17.7                  | 20.7 | 13.5 | 24.3 | 7.4                     | 17.8    | 18.2 | 18.7 | 19.4 | 18.1 | 16.2 | 13.2         | 76   | 3.1        | 6    | 218.1   | 50 | 2.0      |      |
| 6 June     | 729.8         | 18.1                  | 20.8 | 14.6 | 25.2 | 10.2                    | 18.9    | 19.4 | 19.9 | 20.7 | 19.7 | 18.4 | 15.5         | 85   | 2.4        | 7    | 157.8   | 36 | 1.9      |      |
| 7 July     | 728.9         | 21.6                  | 23.8 | 18.9 | 28.8 | 11.6                    | 22.6    | 22.4 | 22.4 | 22.9 | 21.5 | 19.9 | 17.2         | 94   | 1.8        | 9    | 89.4    | 20 | 1.9      |      |
| 8 Aug.     | 730.1         | 24.6                  | 27.3 | 22.0 | 31.3 | 18.0                    | 25.9    | 25.9 | 26.2 | 26.9 | 25.7 | 23.7 | 19.7         | 91   | 2.9        | 7    | 168.9   | 41 | 1.6      |      |
| 9 Sep.     | 732.8         | 21.1                  | 23.5 | 18.5 | 29.0 | 11.2                    | 22.3    | 22.8 | 23.4 | 24.6 | 23.9 | 23.8 | 21.2         | 90   | 1.9        | 8    | 112.5   | 30 | 1.7      |      |
| 10 Oct.    | 735.4         | 15.4                  | 18.6 | 13.0 | 24.8 | 4.0                     | 15.9    | 16.7 | 17.6 | 18.7 | 18.5 | 20.0 | 20.6         | 85   |            | 8    | 131.3   | 38 | 2.2      |      |
| 11 Nov.    | 734.5         | 10.2                  | 14.3 | 7.4  | 19.8 | 1.4                     | 9.7     | 10.4 | 11.5 | 12.8 | 12.9 | 15.8 | 18.4         | 20   | 2.0        | 5    | 171.8   | 56 | 2.7      |      |
| 12 Dec.    | 733.3         | 4.9                   | 9.6  | 2.0  | 16.3 | -1.8                    | 4.1     | 4.6  | 5.8  | 7.0  | 7.8  | 11.4 | 15.6         | 63   | 1.7        | 3    | 192.0   | 63 | 2.8      |      |
| 年 Year     | 733.0         | 13.5                  | 17.0 | 10.5 | 31.3 | -4.0                    | 13.6    | 14.1 | 14.8 | 15.6 | 15.1 | 15.6 | 15.7         | 79   |            | 6    | 1,923.7 | 43 | 2.3      |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)     |            | 量別降水日数(24時間) (No. of Days)          |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |               |            |
|------------|---------------|------------|-------------------------------------|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|---------------|------------|
|            | Precipitation |            | Distribution of 24hr. Precipitation |       |       |       |      |      |                                  |                             |                        |                       |               |            |
|            | 合計<br>Total   | 最大<br>Max. | 生起日<br>Date                         | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       | >=100<br>(mm) |            |
| 1 Jan.     | 66.0          | 29.0       | 5                                   | 6     | 5     | 4     | 3    | 0    | 0                                | 0.0                         | 0                      | 霜                     |               |            |
| 2 Feb.     | 190.5         | 114.0      | 17                                  | 6     | 6     | 6     | 4    | 1    | 1                                | 0.0                         | 0                      | Frost                 | Dec. 8 '82    | Feb. 8 '83 |
| 3 Mar.     | 226.5         | 50.5       | 10                                  | 17    | 15    | 11    | 8    | 1    | 0                                | 0.0                         | 0                      | 霜柱                    |               |            |
| 4 Apr.     | 263.5         | 60.0       | 10                                  | 12    | 12    | 10    | 8    | 1    | 0                                | 0.0                         | 0                      | Frost Colum.          | Jan. 3 '83    | Mar.19 '83 |
| 5 May      | 123.5         | 32.5       | 16                                  | 10    | 9     | 6     | 4    | 0    | 0                                | 0.0                         | 0                      | 降雪                    |               |            |
| 6 June     | 287.5         | 91.5       | 20                                  | 15    | 15    | 9     | 8    | 2    | 0                                | 0.0                         | 0                      | Snow Fall             | Dec.19 '82    | Mar.18 '83 |
| 7 July     | 261.5         | 64.0       | 7                                   | 16    | 15    | 9     | 7    | 2    | 0                                | 0.0                         | 0                      | 積雪                    |               |            |
| 8 Aug.     | 311.5         | 80.5       | 14                                  | 7     | 6     | 5     | 4    | 4    | 0                                | 0.0                         | 0                      | Snow Cover            |               |            |
| 9 Sep.     | 286.5         | 58.5       | 28                                  | 19    | 18    | 13    | 8    | 1    | 0                                | 0.0                         | 0                      | 結氷                    |               |            |
| 10 Oct.    | 351.0         | 77.0       | 11                                  | 12    | 12    | 10    | 9    | 2    | 0                                | 0.0                         | 0                      | Ice                   | Jan. 4 '83    | Mar.19 '83 |
| 11 Nov.    | 177.0         | 55.5       | 23                                  | 10    | 9     | 6     | 5    | 1    | 0                                | 0.0                         | 0                      |                       |               |            |
| 12 Dec.    | 41.5          | 17.0       | 10                                  | 4     | 4     | 4     | 1    | 0    | 0                                | 3.7                         | 1                      |                       |               |            |
| 年 Year     | 2,586.5       | 114.0      | Feb 17                              | 134   | 126   | 93    | 69   | 15   | 1                                | 3.7                         | 1                      |                       |               |            |

欠測月日 (Not Measured Date)

Evaporation: Feb.16,17, Mar.10, 23, Apr.1, 10, 16, 17, May 16, 19, June 13, 16, 20, July 6, 7, 27, Aug.14, 15, 16, 17, Sep.20, 25, 27, 28, Nov.10, 23, Mean Wind Velocity: Jan.21, Mar.20, 23, Apr.3, 4, July 13, 14, Oct.10,29

1984年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1984

| 月<br>Month | 気圧            | 气温 Air Temperature °C |      |      |      |                         | 平均地温 °C |      |      |      |      |      |              | 湿度   | 蒸発量        | 雲量   | 日照時間    | 風速 m/sec |      |
|------------|---------------|-----------------------|------|------|------|-------------------------|---------|------|------|------|------|------|--------------|------|------------|------|---------|----------|------|
|            | Pres-<br>sure | 平均                    | 最高   | 最低   | 極    | Soil Temperature (Mean) |         |      |      |      |      |      | Hum*         | Eva* | CI*        | Sun* | 平均      | 最大       |      |
|            | mm            | Mean                  | Max. | Min. | 最高   | 最低                      | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day | %    | hrs     | %        | Mean |
| 1 Jan.     | 732.9         | 1.2                   | 5.6  | -1.1 | 11.3 | -3.9                    | 1.0     | 1.7  | 2.5  | 3.3  | 4.2  | 7.6  | 12.9         | 70   | 1.6        | 3    | 189.5   | 61       | 3.2  |
| 2 Feb.     | 732.7         | 0.5                   | 4.7  | -2.2 | 9.7  | -5.0                    | 0.8     | 1.7  | 2.4  | 3.1  | 3.0  | 5.7  | 10.5         | 75   | 1.7        | 6    | 166.3   | 53       | 3.0  |
| 3 Mar.     | 733.1         | 4.3                   | 9.0  | 0.6  | 18.5 | -3.5                    | 3.2     | 3.8  | 4.5  | 5.3  | 4.7  | 6.0  | 9.2          | 65   | 2.0        | 5    | 178.0   | 48       | 2.8  |
| 4 Apr.     | 735.6         | 9.7                   | 13.8 | 5.6  | 18.4 | -0.4                    | 10.2    | 10.1 | 10.7 | 11.3 | 10.1 | 9.2  | 9.4          | 78   | 2.1        | 7    | 175.9   | 45       | 2.7  |
| 5 May      | 732.6         | 15.2                  | 18.0 | 11.6 | 23.1 | 6.0                     | 16.5    | 16.0 | 16.3 | 16.9 | 15.5 | 13.8 | 11.4         | 81   | 2.6        | 7    | 159.5   | 37       | 2.1  |
| 6 June     | 731.6         | 18.9                  | 21.3 | 17.0 | 25.3 | 14.0                    | 20.5    | 20.5 | 20.5 | 21.0 | 19.7 | 17.5 | 14.0         | 95   | 1.6        | 9    | 81.6    | 19       | 2.0  |
| 7 July     | 729.7         | 23.6                  | 26.2 | 21.0 | 28.8 | 16.3                    | 25.2    | 24.7 | 24.6 | 25.1 | 23.8 | 20.9 | 16.9         | 90   | 2.6        | 7    | 173.4   | 39       | 1.1  |
| 8 Aug.     | 732.6         | 25.2                  | 27.9 | 22.2 | 31.1 | 18.2                    | 27.1    | 26.9 | 27.4 | 28.1 | 26.5 | 23.8 | 18.9         | 82   | 4.0        | 5    | 232.8   | 56       | 1.4  |
| 9 Sep.     | 732.8         | 21.4                  | 24.1 | 18.1 | 31.9 | 13.2                    | 22.4    | 22.7 | 23.3 | 24.3 | 23.4 | 22.9 | 19.9         | 83   | 2.7        | 6    | 173.2   | 47       | 1.6  |
| 10 Oct.    | 734.2         | 15.2                  | 18.4 | 12.4 | 25.0 | 6.0                     | 15.9    | 16.5 | 17.2 | 18.3 | 18.1 | 19.4 | 19.1         | 80   | 1.8        | 7    | 117.2   | 34       | 2.4  |
| 11 Nov.    | 737.6         | 10.8                  | 14.7 | 7.8  | 20.7 | 1.7                     | 10.7    | 11.3 | 12.2 | 13.2 | 13.5 | 15.7 | 17.2         | 75   | 1.6        | 6    | 123.4   | 41       | 2.7  |
| 12 Dec.    | 734.7         | 6.0                   | 10.1 | 3.2  | 16.0 | -3.8                    | 5.9     | 6.3  | 7.2  | 8.2  | 8.9  | 11.7 | 14.8         | 73   | 1.5        | 5    | 152.7   | 50       | 2.7  |
| 年 Year     | 733.3         | 12.7                  | 16.2 | 9.7  | 31.9 | -5.0                    | 13.3    | 13.5 | 14.1 | 14.8 | 14.3 | 14.5 | 14.5         | 79   | 2.2        | 6    | 1,923.2 | 43       | 2.3  |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)     |            |             | 量別降水日数(24時間) (No. of Days)          |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|---------------|------------|-------------|-------------------------------------|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | Precipitation |            |             | Distribution of 24hr. Precipitation |       |       |      |      |               |                                  |                             |                        |                       |
|            | 合計<br>Total   | 最大<br>Max. | 生起日<br>Date | >=0.5                               | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 81.0          | 29.0       | 31          | 7                                   | 7     | 5     | 3    | 0    | 0             | 25.0                             | 2                           |                        |                       |
| 2 Feb.     | 103.0         | 39.5       | 26          | 7                                   | 6     | 4     | 4    | 0    | 0             | 30.0                             | 2                           | 霜                      |                       |
| 3 Mar.     | 116.5         | 19.5       | 19          | 11                                  | 11    | 9     | 6    | 0    | 0             | 0.0                              | 0                           | 霜柱                     |                       |
| 4 Apr.     | 104.0         | 59.5       | 19          | 11                                  | 8     | 3     | 2    | 1    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 5 May      | 62.5          | 18.0       | 16          | 9                                   | 8     | 5     | 3    | 0    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 348.5         | 72.0       | 26          | 22                                  | 21    | 12    | 9    | 2    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 7 July     | 46.0          | 14.0       | 28          | 10                                  | 9     | 3     | 2    | 0    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 25.5          | 14.0       | 21          | 3                                   | 3     | 2     | 1    | 0    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 9 Sep.     | 128.5         | 35.0       | 18,19       | 9                                   | 8     | 6     | 5    | 0    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 10 Oct.    | 194.5         | 61.5       | 26          | 13                                  | 10    | 7     | 6    | 1    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 11 Nov.    | 102.5         | 41.0       | 15          | 7                                   | 7     | 6     | 3    | 0    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 12 Dec.    | 128.5         | 48.5       | 11          | 11                                  | 10    | 5     | 4    | 0    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 年 Year     | 1,441.0       | 72.0       | Jun 26      | 120                                 | 108   | 67    | 48   | 4    | 0             | 30.0                             | 4                           |                        |                       |

欠測月日 (Not Measured Date)

Evaporation: Feb.17,26, Apr.19, June 13, 22, 26, 28, Sep.18, 19, Oct.12, 26, Nov.15, Dec.11, Mean Wind Velocity: Jan.12, 13, 31, July 6, Aug.16, Oct.13

1985年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1985

| 月<br>Month | 気圧            | 气温 Air Temperature °C |      |      |      |                         | 平均地温 °C |      |      |      |      |      |              | 湿度   | 蒸発量        | 雲量   | 日照時間    | 風速 m/sec |      |
|------------|---------------|-----------------------|------|------|------|-------------------------|---------|------|------|------|------|------|--------------|------|------------|------|---------|----------|------|
|            | Pres-<br>sure | 平均                    | 最高   | 最低   | 極    | Soil Temperature (Mean) |         |      |      |      |      |      | Hum*         | Eva* | CI*        | Sun* | 平均      | 最大       |      |
|            | mm            | Mean                  | Max. | Min. | 最高   | 最低                      | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day | %    | hrs     | %        | Mean |
| 1 Jan.     | 734.7         | 1.8                   | 6.9  | -0.9 | 12.3 | -4.1                    | 1.6     | 2.4  | 3.2  | 4.1  | 4.7  | 8.0  | 12.2         | 77   | 1.6        | 4    | 165.8   | 53       | 2.9  |
| 2 Feb.     | 731.4         | 4.9                   | 9.6  | 1.9  | 16.8 | -1.7                    | 4.3     | 4.8  | 5.6  | 6.2  | 5.9  | 7.4  | 10.2         | 71   | 1.8        | 5    | 146.2   | 48       | 2.8  |
| 3 Mar.     | 736.8         | 5.7                   | 9.7  | 2.5  | 16.9 | -0.7                    | 6.3     | 6.3  | 6.8  | 7.2  | 7.0  | 7.7  | 9.5          | 87   | 1.5        | 8    | 78.5    | 21       | 3.4  |
| 4 Apr.     | 733.7         | 12.7                  | 16.7 | 8.6  | 21.2 | 0.4                     | 12.2    | 12.1 | 12.6 | 13.0 | 11.8 | 10.7 | 10.1         | 79   | 2.5        | 6    | 177.1   | 45       | 2.9  |
| 5 May      | 733.4         | 16.7                  | 20.0 | 13.2 | 23.8 | 8.2                     | 17.6    | 17.8 | 18.2 | 18.7 | 17.3 | 15.2 | 12.2         | 83   | 2.5        | 7    | 178.9   | 41       | 2.3  |
| 6 June     | 731.1         | 18.7                  | 21.3 | 15.5 | 26.9 | 9.0                     | 19.3    | 19.2 | 19.3 | 19.9 | 18.9 | 17.5 | 14.6         | 87   |            | 8    | 100.4   | 23       | 2.1  |
| 7 July     | 730.1         | 24.1                  | 27.2 | 20.9 | 29.8 | 17.8                    | 25.1    | 24.9 | 25.0 | 25.6 | 24.0 | 21.2 | 17.5         | 87   | 3.1        | 5    | 201.3   | 46       | 1.6  |
| 8 Aug.     | 733.7         | 24.8                  | 27.3 | 22.2 | 29.1 | 18.5                    | 26.7    | 26.9 | 27.5 | 28.2 | 26.7 | 24.2 | 19.5         | 89   | 3.6        | 7    | 209.2   | 50       | 2.0  |
| 9 Sep.     | 733.6         | 21.3                  | 24.0 | 18.7 | 31.4 | 13.5                    | 22.5    | 22.9 | 23.5 | 24.4 | 23.9 | 23.6 | 20.8         | 89   | 2.4        | 7    | 118.0   | 32       | 2.2  |
| 10 Oct.    | 735.5         | 16.0                  | 19.7 | 13.0 | 25.5 | 8.0                     | 16.2    | 16.7 | 17.6 | 18.5 | 18.3 | 19.7 | 19.7         | 80   | 2.1        | 7    | 148.6   | 43       | 2.4  |
| 11 Nov.    | 732.8         | 12.8                  | 16.7 | 9.2  | 22.3 | 1.8                     | 11.4    | 11.9 | 13.0 | 13.9 | 14.0 | 16.1 | 17.7         | 75   | 1.9        | 4    | 186.2   | 60       | 2.4  |
| 12 Dec.    | 734.8         | 6.5                   | 10.8 | 2.8  | 17.6 | -2.0                    | 5.0     | 5.5  | 6.6  | 7.6  | 8.4  | 11.8 | 15.3         | 72   | 1.6        | 4    | 189.7   | 63       | 2.7  |
| 年 Year     | 733.5         | 13.8                  | 17.5 | 10.6 | 31.4 | -4.1                    | 14.0    | 14.3 | 14.9 | 15.6 | 15.1 | 15.3 | 14.9         | 81   |            | 6    | 1,899.6 | 43       | 2.5  |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)     |            |             | 量別降水日数(24時間) (No. of Days)          |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |            |
|------------|---------------|------------|-------------|-------------------------------------|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|------------|
|            | Precipitation |            |             | Distribution of 24hr. Precipitation |       |       |      |      |               |                                  |                             |                        |                       |            |
|            | 合計<br>Total   | 最大<br>Max. | 生起日<br>Date | >=0.5                               | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |            |
| 1 Jan.     | 11.0          | 8.5        | 27          | 4                                   | 3     | 1     | 0    | 0    | 0             | 0.0                              | 0                           |                        |                       |            |
| 2 Feb.     | 307.0         | 140.0      | 19          | 10                                  | 10    | 5     | 4    | 3    | 1             | 1.5                              | 1                           | 霜                      | Dec. 8 '84            | Jan.23 '85 |
| 3 Mar.     | 225.0         | 28.5       | 17          | 19                                  | 19    | 12    | 9    | 0    | 0             | 0.0                              | 0                           | 霜柱                     |                       |            |
| 4 Apr.     | 247.0         | 61.0       | 22          | 15                                  | 13    | 12    | 8    | 1    | 0             | 0.0                              | 0                           | 降雪                     | Dec.25 '84            | Feb.25 '85 |
| 5 May      | 165.0         | 59.5       | 20          | 12                                  | 12    | 10    | 4    | 1    | 0             | 0.0                              | 0                           | 降雪                     |                       |            |
| 6 June     | 485.5         | 90.5       | 25          | 20                                  | 17    | 11    | 8    | 5    | 0             | 0.0                              | 0                           | 積雪                     | Jan. 4 '85            | Feb.13 '85 |
| 7 July     | 77.5          | 35.5       | 10          | 7                                   | 7     | 3     | 3    | 0    | 0             | 0.0                              | 0                           | 積雪                     |                       |            |
| 8 Aug.     | 158.0         | 98.0       | 30          | 8                                   | 4     | 4     | 3    | 1    | 0             | 0.0                              | 0                           | 積雪                     | Feb.13 '85            | Feb.13 '85 |
| 9 Sep.     | 152.0         | 74.5       | 6           | 10                                  | 9     | 6     | 3    | 1    | 0             | 0.0                              | 0                           | 結氷                     |                       |            |
| 10 Oct.    | 97.0          | 21.5       | 6           | 12                                  | 10    | 7     | 4    | 0    | 0             | 0.0                              | 0                           | 氷                      | Dec. 8 '84            | Mar. 4 '85 |
| 11 Nov.    | 113.0         | 56.0       | 6           | 9                                   | 8     | 5     | 4    | 1    | 0             | 0.0                              | 0                           |                        |                       |            |
| 12 Dec.    | 47.0          | 30.0       | 6           | 5                                   | 4     | 2     | 2    | 0    | 0             | 0.0                              | 0                           |                        |                       |            |
| 年 Year     | 2,085.0       | 140.0      | Feb 19      | 131                                 | 116   | 78    | 52   | 13   | 1             | 1.5                              | 1                           |                        |                       |            |

欠測月日 (Not Measured Date)

Evaporation: Feb.8, 9, 19, Mar.17, Apr.7, 22, May 10, 20, July 10, Aug.30, Sep.6, Nov.6, Dec.6, Mean Wind Velocity: Mar.11, July 14, Aug. 4, Nov. 10,16

1986年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1986

| 月<br>Month | 気圧<br>Pres-<br>sure |            | 气温 Air Temperature °C |            |                 |                 | 平均地温 °C<br>Soil Temperature (Mean) |      |      |      |      |      | 湿度<br>Hum*   | 蒸発量<br>Eva* | 雲量<br>Cl*  | 日照時間<br>Sun* |         | 風速 m/sec<br>Wind Velocity |            |            |
|------------|---------------------|------------|-----------------------|------------|-----------------|-----------------|------------------------------------|------|------|------|------|------|--------------|-------------|------------|--------------|---------|---------------------------|------------|------------|
|            | mm                  | 平均<br>Mean | 最高<br>Max.            | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0                                | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %           | mm<br>/day | %            | hrs     | %                         | 平均<br>Mean | 最大<br>Max. |
|            |                     |            |                       |            |                 |                 |                                    |      |      |      |      |      |              |             |            |              |         |                           |            |            |
| 1 Jan.     | 733.0               | 3.7        | 7.5                   | -0.1       | 14.5            | -3.2            | 2.0                                | 2.8  | 3.8  | 4.7  | 5.3  | 8.4  | 12.5         | 79          | 1.5        | 5            | 177.8   | 57                        | 2.6        |            |
| 2 Feb.     | 732.5               | 2.6        | 6.3                   | -1.1       | 14.0            | -4.1            | 1.6                                | 2.5  | 3.4  | 4.1  | 4.3  | 6.7  | 10.6         | 82          | 1.6        | 5            | 153.9   | 50                        | 2.9        |            |
| 3 Mar.     | 732.8               | 6.6        | 10.3                  | 3.0        | 16.2            | -2.1            | 5.6                                | 5.9  | 6.6  | 7.2  | 6.6  | 7.4  | 9.5          | 77          | 1.7        | 6            | 148.2   | 40                        | 3.2        |            |
| 4 Apr.     | 735.3               | 12.4       | 15.7                  | 8.9        |                 |                 | 11.9                               | 11.9 | 12.2 | 12.5 | 11.4 | 10.3 | 9.9          | 79          | 1.8        | 7            | 109.9   | 31                        |            |            |
| 5 May      | 731.3               | 15.5       | 18.6                  | 12.5       | 24.0            | 8.4             | 16.4                               | 16.3 | 16.6 | 17.1 | 16.1 | 14.7 | 12.4         | 82          | 2.1        | 7            | 143.0   | 33                        | 2.2        |            |
| 6 June     | 731.1               | 18.4       | 21.6                  | 15.2       | 26.6            | 10.4            | 19.5                               | 19.7 | 19.9 | 20.7 | 19.4 | 17.6 | 14.7         | 84          | 2.1        | 7            | 138.1   | 32                        | 2.0        |            |
| 7 July     | 732.5               | 22.4       | 24.9                  | 20.0       | 29.7            | 14.8            | 23.5                               | 23.3 | 23.2 | 23.6 | 22.2 | 20.1 | 16.7         | 93          | 1.8        | 8            | 94.9    | 22                        | 1.8        |            |
| 8 Aug.     | 732.6               | 24.2       | 26.8                  | 21.6       | 29.1            | 16.2            | 25.6                               | 25.6 | 25.9 | 26.6 | 25.3 | 23.5 | 19.7         | 87          | 2.9        | 7            | 184.6   | 44                        | 1.6        |            |
| 9 Sep.     | 733.6               | 21.8       | 24.6                  | 19.0       | 30.0            | 14.0            | 22.9                               | 23.5 | 23.9 | 24.8 | 24.0 | 23.6 | 21.0         | 87          | 2.0        | 7            | 119.5   | 32                        | 1.8        |            |
| 10 Oct.    | 736.9               | 15.5       | 18.5                  | 12.4       | 24.4            | 5.6             | 15.6                               | 16.5 | 17.4 | 18.5 | 18.3 | 20.0 | 20.3         | 82          | 1.7        | 7            | 152.0   | 44                        | 2.1        |            |
| 11 Nov.    | 738.7               | 11.0       | 14.3                  | 7.8        | 19.9            | 2.0             | 10.5                               | 11.1 | 12.0 | 13.0 | 13.3 | 15.5 | 17.6         | 78          | 1.3        | 7            | 118.4   | 38                        | 2.5        |            |
| 12 Dec.    | 737.4               | 7.9        | 11.7                  | 4.1        | 17.4            | 0.0             | 6.4                                | 6.6  | 7.4  | 8.3  | 9.0  | 11.8 | 14.9         | 70          | 1.5        | 5            | 161.5   | 53                        | 2.7        |            |
| 年 Year     | 734.0               | 13.5       | 16.7                  | 10.3       |                 |                 | 13.5                               | 13.8 | 14.4 | 15.1 | 14.6 | 15.0 | 15.0         | 82          | 1.8        | 6            | 1,701.8 | 39                        |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation Cl: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |            |            |
|------------|----------------------------|------------|--|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|------------|------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date  | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       |            |            |
|            |                            |            |  |       |       |       |      |      |                                  |                             |                        |                       | (mm)       |            |
| 1 Jan.     | 24.5                       | 22.0       | 4  | 2     | 2     | 1     | 1    | 0    | 0                                | 0.0                         | 0                      | 霜                     |            |            |
| 2 Feb.     | 47.0                       | 32.0       | 18   | 3     | 3     | 2     | 2    | 0    | 0                                | 11.0                        | 3                      | Frost                 | Dec.13 '85 | Feb.23 '86 |
| 3 Mar.     | 384.5                      | 94.0       | 23   | 14    | 14    | 9     | 8    | 2    | 0                                | 0.0                         | 0                      | 霜柱                    |            |            |
| 4 Apr.     | 218.0                      | 66.0       | 22   | 15    | 15    | 11    | 6    | 1    | 0                                | 0.0                         | 0                      | Frost Colum.          | Dec.16 '85 | Mar. 6 '86 |
| 5 May      | 337.5                      | 114.0      | 14   | 12    | 12    | 8     | 7    | 2    | 1                                | 0.0                         | 0                      | 降雪                    |            |            |
| 6 June     | 143.0                      | 35.0       | 29   | 14    | 14    | 8     | 6    | 0    | 0                                | 0.0                         | 0                      | Snow Fall             | Jan.22 '86 | Mar.23 '86 |
| 7 July     | 178.5                      | 52.0       | 22   | 16    | 15    | 9     | 6    | 1    | 0                                | 0.0                         | 0                      | 積雪                    |            |            |
| 8 Aug.     | 236.0                      | 192.0      | 4  | 11    | 10    | 3     | 2    | 1    | 1                                | 0.0                         | 0                      | Snow Cover            | Jan.22 '86 | Feb.28 '86 |
| 9 Sep.     | 274.5                      | 97.0       | 2  | 17    | 15    | 10    | 7    | 1    | 0                                | 0.0                         | 0                      | 結氷                    |            |            |
| 10 Oct.    | 163.5                      | 91.5       | 7  | 11    | 9     | 4     | 3    | 1    | 0                                | 0.0                         | 0                      | Ice                   | Dec.16 '85 | Mar.25 '86 |
| 11 Nov.    | 120.5                      | 37.0       | 9  | 10    | 9     | 6     | 4    | 0    | 0                                | 0.0                         | 0                      |                       |            |            |
| 12 Dec.    | 112.0                      | 59.0       | 18   | 12    | 10    | 6     | 2    | 1    | 0                                | 0.0                         | 0                      |                       |            |            |
| 年 Year     | 2,239.5                    | 192.0      | Aug. 4   | 137   | 128   | 77    | 54   | 10   | 2                                | 11.0                        | 3                      |                       |            |            |

欠測月日 (Not Measured Date)

Pressure : Apr 6 Jul 2

Max.Air Temp. : Apr 5,6

Min.Air Temp. : Apr 6,7

Soil Temp. 0.0m/0.1m/0.2m/0.3m/0.5m/1.0m/2.0m : Apr 6

Humidity : Apr 6

Evaporation : Apr 5,6 May 20 Jul 25 Oct 25

Amount of Cloud : Apr 6 Jun 15

Hours of Sunshine : Apr 5,6,7

Mean Wind Velocity : Feb 18 Mar 27 May 19,24,25,26,31 Jun 1,2,11 Aug 23,24,25,26 Oct 30,31 Nov 29

Dec 7,20,22,29,31

1987年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1987

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量            | 雲量  | 日照時間        |    | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|----------------|-----|-------------|----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm/day | CI* | Sun*<br>hrs | %  | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     | 735.9               | 5.0                   | 8.7        | 1.2        | 16.0            | -3.0            | 3.4     | 3.7  | 4.5  | 5.4  | 5.7  | 8.5  | 12.2         | 73        | 1.5            | 4   | 170.2       | 55 | 3.0        |            |
| 2 Feb.     | 734.5               | 5.4                   | 9.0        | 1.9        | 18.5            | -2.3            | 4.3     | 4.7  | 5.5  | 6.2  | 6.1  | 7.8  | 10.7         | 78        | 1.5            | 6   | 134.9       | 44 | 2.8        |            |
| 3 Mar.     | 734.1               | 8.2                   | 11.9       | 4.4        | 17.9            | -1.8            | 7.0     | 7.2  | 7.7  | 8.3  | 7.5  | 8.1  | 9.8          | 75        | 1.6            | 6   | 143.5       | 39 | 2.7        |            |
| 4 Apr.     | 737.3               | 12.1                  | 16.2       | 8.1        | 21.5            |                 | 12.3    | 12.4 | 13.0 | 13.5 | 12.3 | 11.4 | 10.8         | 72        | 2.3            | 6   | 186.0       | 47 | 2.2        |            |
| 5 May      | 735.7               | 16.4                  | 19.8       | 13.1       | 24.5            | 7.7             | 17.3    | 17.6 | 17.8 | 18.5 | 17.2 | 15.6 | 13.2         | 81        | 2.0            | 7   | 143.1       | 33 | 2.2        |            |
| 6 June     | 732.6               | 19.4                  | 22.8       | 15.9       | 30.5            | 12.0            | 19.5    | 20.1 | 20.5 | 21.3 | 20.3 | 18.7 | 15.9         | 82        | 2.3            | 7   | 160.6       | 37 | 2.3        |            |
| 7 July     | 731.9               | 24.6                  | 27.5       | 21.6       |                 |                 | 24.3    | 24.4 | 24.2 | 24.6 | 23.1 | 21.1 | 18.1         | 87        | 2.2            | 7   | 131.1       | 30 | 2.1        |            |
| 8 Aug.     | 733.3               | 25.0                  | 28.0       | 21.9       | 32.0            | 17.8            | 25.6    | 25.8 | 26.0 | 26.6 | 25.3 | 23.6 | 20.0         | 86        | 2.8            | 7   | 148.7       | 36 | 1.9        |            |
| 9 Sep.     | 735.1               | 21.0                  | 23.5       | 18.6       | 29.6            | 13.2            | 22.1    | 22.7 | 23.1 | 23.9 | 23.3 | 23.3 | 21.4         | 90        | 1.9            | 8   | 106.1       | 29 | 2.5        |            |
| 10 Oct.    | 737.2               | 17.2                  | 20.1       | 14.2       | 26.2            | 9.6             | 17.0    | 17.8 | 18.3 | 19.1 | 18.8 | 20.1 | 20.5         | 88        | 1.4            | 7   | 124.4       | 36 | 2.3        |            |
| 11 Nov.    | 738.6               | 11.5                  | 14.7       | 8.3        | 23.0            | 2.2             | 11.5    | 12.2 | 13.0 | 14.0 | 14.3 | 16.4 | 18.5         | 79        | 1.5            | 7   | 109.4       | 35 | 2.8        |            |
| 12 Dec.    | 737.8               | 7.9                   | 11.7       | 4.2        | 19.1            | -0.3            | 6.0     | 6.1  | 7.0  | 7.9  | 8.5  | 11.1 | 15.6         | 72        | 1.4            | 5   | 144.0       | 47 | 2.7        |            |
| 年 Year     | 735.3               | 14.5                  | 17.8       | 11.1       |                 |                 | 14.2    | 14.5 | 15.0 | 15.8 | 15.2 | 15.5 | 15.6         | 80        | 1.9            | 6   | 1,702.0     | 38 | 2.5        |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)   |            | 量別降水日数(24時間) (No. of Days) |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|-------------|------------|----------------------------|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total | 最大<br>Max. | 生起日<br>Date                | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       |
| 1 Jan.     | 96.0        | 21.0       | 5                          | 7     | 6     | 6     | 5    | 0    | 0                                | 14.0                        | 2                      | 霜                     |
| 2 Feb.     | 59.5        | 17.0       | 17                         | 14    | 11    | 5     | 2    | 0    | 0                                | 0.0                         | 0                      | Frost                 |
| 3 Mar.     | 228.5       | 55.0       | 19                         | 15    | 15    | 8     | 8    | 1    | 0                                | 22.0                        | 1                      | 霜柱                    |
| 4 Apr.     | 111.0       | 33.0       | 26                         | 12    | 10    | 5     | 3    | 0    | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 234.5       | 53.5       | 23                         | 10    | 10    | 9     | 6    | 1    | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 235.0       | 74.0       | 9                          | 14    | 13    | 9     | 7    | 1    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 226.0       | 44.5       | 3                          | 14    | 14    | 10    | 8    | 0    | 0                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 121.0       | 50.5       | 7                          | 8     | 8     | 7     | 4    | 1    | 0                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 427.0       | 127.0      | 16                         | 19    | 19    | 10    | 8    | 3    | 1                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 180.5       | 41.5       | 24                         | 16    | 15    | 9     | 8    | 0    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 103.5       | 23.0       | 4                          | 11    | 10    | 8     | 5    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 109.5       | 30.0       | 5                          | 10    | 10    | 6     | 4    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 2,132.0     | 127.0      | Sep.16                     | 150   | 141   | 92    | 68   | 7    | 1                                | 22.0                        | 3                      |                       |

欠測月日 (Not Measured Date)

Pressure : Jan 11 Frb 6,7 Mar 12 Jul 5 Sep 27

Max.Air Temp. : Jul 4

Min.Air Temp. : Mar 10 Jul 5

Soil Temp. 0.0m/0.1m/0.2m/0.3m/0.5m/1.0m/2.0m : Jul 5

Humidity : Jul 5

Evaporation : Jan 20 Feb 1,5 Apr 10 May 14 Jul 2,4,5,28 Aug 11 Sep 6,24 Dec 5,13

Amount of Cloud : Jul 5

Mean Wind Velocity : Jan 11 Feb 1,20,22 Mar 6,7,9 Apr 9,10 Jul 5,11,22 Aug 8,18,19 Sep 25 Dec 19

1988年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1988

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C                 |      |      |      |      |              |      | 湿度         | 蒸発量  | 雲量  | 日照時間  |     | 風速 m/sec |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|-------------------------|------|------|------|------|--------------|------|------------|------|-----|-------|-----|----------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | Soil Temperature (Mean) |      |      |      |      |              |      | Hum*       | Eva* | CI* | Sun*  | hrs | %        | 平均<br>Mean |
|            |                     |                       |            |            |                 | 0.0             | 0.1                     | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day |      |     |       |     |          |            |
| 1 Jan.     | 735.6               | 7.1                   | 11.2       | 3.0        | 19.2            | -1.2            | 5.0                     | 5.5  | 6.4  | 7.2  | 7.5  | 9.5          | 13.4 | 68         | 1.5  | 5   | 168.1 | 58  | 2.4      |            |
| 2 Feb.     | 736.2               | 3.3                   | 6.9        | -0.3       | 16.0            | -4.5            | 2.6                     | 3.8  | 4.8  | 5.6  | 5.7  | 8.0          | 12.0 | 75         | 1.6  | 5   | 136.1 | 43  | 2.7      |            |
| 3 Mar.     | 735.0               | 7.0                   | 10.9       | 3.2        |                 |                 | 6.1                     | 6.6  | 7.2  |      | 7.4  | 8.1          | 11.2 | 79         | 1.9  | 7   |       |     |          |            |
| 4 Apr.     |                     | 12.1                  | 16.8       | 8.7        | 23.6            | 0.4             | 12.5                    | 12.4 | 12.0 | 11.6 | 11.1 | 10.3         | 11.1 | 81         |      |     | 164.3 | 41  | 3.4      | 13.6       |
| 5 May      |                     | 15.7                  | 20.0       | 12.4       | 28.5            | 6.6             | 18.0                    | 17.7 | 17.4 | 17.1 | 16.5 | 15.0         | 12.4 | 88         |      |     | 139.0 | 32  | 2.4      | 13.1       |
| 6 June     |                     | 19.4                  | 22.9       | 16.9       | 27.3            | 14.9            | 21.7                    | 21.3 | 21.0 | 20.6 | 19.9 | 18.0         | 14.4 | 95         |      |     | 92.1  | 21  | 2.4      | 20.6       |
| 7 July     |                     | 19.8                  | 22.8       | 17.8       | 29.3            | 15.0            | 22.1                    | 22.0 | 21.8 | 21.7 | 21.3 | 20.2         | 16.6 | 99         |      |     | 33.3  | 8   | 2.2      | 8.1        |
| 8 Aug.     |                     | 24.1                  | 27.5       | 22.1       | 31.0            | 18.6            | 26.2                    | 25.7 | 25.3 | 24.9 | 24.1 | 22.3         | 18.1 |            |      |     | 90.0  | 22  | 1.9      | 8.9        |
| 9 Sep.     |                     | 21.0                  | 23.7       | 19.2       |                 |                 | 23.0                    | 23.3 | 23.4 | 23.6 | 23.7 | 23.3         | 20.0 | 93         |      |     | 94.9  | 31  |          |            |
| 10 Oct.    |                     | 15.4                  | 19.4       | 12.3       |                 |                 | 16.4                    | 17.2 | 17.6 | 18.0 | 18.6 | 20.0         | 20.5 | 82         |      |     | 130.7 | 40  | 2.5      | 8.6        |
| 11 Nov.    |                     | 10.2                  | 15.2       | 6.1        | 20.2            | 2.2             | 8.5                     | 11.0 | 11.6 | 12.3 | 13.4 | 15.9         | 18.6 | 67         |      |     | 192.0 | 62  | 2.7      | 20.6       |
| 12 Dec.    |                     | 6.9                   | 12.5       | 3.1        | 16.9            | -0.2            | 4.5                     | 6.6  | 7.2  | 7.8  | 8.9  | 11.7         | 16.4 | 59         |      |     | 206.3 | 68  | 2.9      | 22.2       |
| 年 Year     |                     | 13.3                  | 17.5       | 10.4       |                 |                 | 13.9                    | 14.4 | 14.6 |      | 14.9 | 15.2         | 15.4 |            |      |     |       |     |          |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数(24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|---|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date   | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       |
| 1 Jan.     | 74.0                       | 39.0       | 5   | 6     | 6     | 3     | 2    | 0    | 0                                | 15.0                        | 1                      | 霜                     |
| 2 Feb.     | 20.5                       | 7.0        | 26  | 7     | 7     | 1     | 0    | 0    | 0                                | 2.0                         | 4                      | Frost                 |
| 3 Mar.     | 253.0                      | 36.5       | 21,26   | 17    | 15    | 12    | 8    | 0    | 0                                | 0.0                         | 0                      | 霜柱                    |
| 4 Apr.     | 188.0                      | 57.5       | 13  | 10    | 8     | 6     | 5    | 1    | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 179.0                      | 54.0       | 7   | 17    | 12    | 8     | 6    | 1    | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 379.5                      | 90.5       | 25  | 16    | 15    | 12    | 10   | 2    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 134.5                      | 44.0       | 16  | 16    | 14    | 8     | 4    | 0    | 0                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 335.5                      | 126.0      | 11  | 18    | 16    | 11    | 9    | 1    | 1                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 464.0                      | 203.5      | 25  | 18    | 18    | 11    | 8    | 3    | 1                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 184.5                      | 71.0       | 6   | 12    | 9     | 7     | 6    | 1    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 28.5                       | 10.0       | 24  | 9     | 6     | 2     | 1    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 9.0                        | 4.0        | 4   | 4     | 3     | 0     | 0    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 2,250.0                    | 203.5      | Sep.25  | 150   | 129   | 81    | 59   | 9    | 2                                | 15.0                        | 5                      |                       |

欠測月日 (Not Measured Date)

Pressure : Feb24 Mar 16

Max.Air Temp. : Mar 14 Sep 29,30 Oct 1,2

Min.Air Temp. : Mar 20,24 Sep 29,30 Oct 1,2

Soil Temp. 0.0m : Mar 15,25,26,27,28

Soil Temp. 0.1m/0.2m/0.5m/1.0m/2.0m : Mar 15,26,27

Humidity : Jan 6 Feb 16,17,22 Sep 26,27,28,29,30 Oct 1,2

Evaporation : Jan 5 Feb 25

Amount of Cloud : Mar 24,25

Hours of Sunshine : Jan 2,3 Sep 26,27,28,29,30 Oct 1,2

Mean Wind Velocity : Jan 18 Feb 11,12 Oct 1,2

Max Wind Velocity : Oct 1,2

1989年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1989

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間             | 風速 m/sec   |            |      |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|------------------|------------|------------|------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs<br>% | 平均<br>Mean | 最大<br>Max. |      |
| 1 Jan.     |                     | 6.5                   | 11.0       | 3.0        | 16.4            | -1.9            | 5.0     | 6.2  | 6.4  | 6.8  | 7.5  | 9.4  | 14.3         | 72        |                    |     | 140.3            | 45         | 3.0        | 16.4 |
| 2 Feb.     |                     | 5.7                   | 10.2       | 2.2        | 14.6            | -1.5            | 5.2     | 6.0  | 6.2  | 6.5  | 7.0  | 8.4  | 12.5         | 76        |                    |     | 128.1            | 42         | 2.9        | 8.6  |
| 3 Mar.     |                     | 7.5                   | 12.4       | 3.5        | 17.2            | -1.4            | 8.5     | 8.8  | 8.7  | 8.7  | 8.7  | 9.0  | 11.2         | 72        |                    |     | 155.9            | 42         | 2.8        | 15.8 |
| 4 Apr.     |                     | 13.0                  | 17.1       | 9.8        | 21.2            | 4.2             | 14.4    | 14.1 | 13.8 | 13.4 | 12.9 | 11.8 | 11.4         | 73        |                    |     | 189.2            | 48         | 2.6        | 12.8 |
| 5 May      |                     | 15.4                  | 18.9       | 12.4       | 22.1            | 8.0             |         | 16.9 | 16.6 | 16.4 | 15.9 | 14.8 | 12.8         |           |                    |     |                  |            |            |      |
| 6 June     |                     | 18.0                  | 20.9       | 15.6       | 26.5            | 10.3            | 20.3    | 19.8 | 19.5 | 19.2 | 18.7 | 17.3 | 14.4         | 87        |                    |     | 77.7             | 18         | 2.3        | 7.2  |
| 7 July     |                     | 21.5                  | 24.2       | 19.5       | 28.5            | 14.3            | 24.1    | 23.4 | 23.0 | 22.6 | 21.9 | 20.0 | 16.4         | 91        |                    |     | 64.5             | 15         | 2.3        | 13.1 |
| 8 Aug.     |                     | 24.2                  | 27.7       | 22.1       | 30.7            | 20.4            |         | 26.5 | 26.3 | 26.0 | 25.5 | 24.0 | 19.4         |           |                    |     |                  |            |            |      |
| 9 Sep.     |                     | 22.5                  | 25.8       | 20.4       | 29.3            | 15.3            | 24.7    | 25.1 | 25.1 | 25.1 | 25.0 | 24.3 | 20.9         | 89        |                    |     | 106.2            | 29         | 2.3        | 9.2  |
| 10 Oct.    |                     | 15.7                  | 19.7       | 12.7       | 23.6            | 7.6             | 17.0    | 18.1 | 18.5 | 18.9 | 19.6 | 20.9 | 20.9         | 83        |                    |     | 125.8            | 36         | 2.3        | 8.9  |
| 11 Nov.    |                     | 12.7                  | 16.6       | 9.7        | 22.6            | 4.4             | 12.0    | 13.7 | 14.2 | 14.7 | 15.5 | 17.2 | 19.3         | 75        |                    |     | 152.6            | 49         | 2.2        | 9.7  |
| 12 Dec.    |                     | 7.2                   | 11.6       | 3.9        | 17.1            | 0.5             | 5.9     | 7.8  | 8.4  | 9.1  | 10.2 | 13.0 | 17.5         | 66        |                    |     | 166.9            | 55         | 2.7        | 9.7  |
| 年 Year     |                     | 14.2                  | 18.0       | 11.3       | 30.7            | -1.9            |         | 15.5 | 15.6 | 15.6 | 15.7 | 15.8 | 15.9         |           |                    |     |                  |            |            |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 181.5                      | 86.5       | 23          | 13   | 11    | 7     | 4    | 1    | 0             | 0.0                              | 0                           |                        |                       |
| 2 Feb.     | 199.0                      | 59.5       | 17          | 14   | 14    | 12    | 7    | 1    | 0             | 0.0                              | 0                           |                        | 霜<br>Frost            |
| 3 Mar.     | 265.0                      | 53.0       | 4           | 13   | 12    | 11    | 9    | 1    | 0             | 0.0                              | 0                           |                        | 霜柱<br>Frost Colum.    |
| 4 Apr.     | 232.5                      | 65.5       | 16          | 14   | 11    | 9     | 7    | 2    | 0             | 0.0                              | 0                           |                        | 降雪<br>Snow Fall       |
| 5 May      | 223.0                      | 40.0       | 11          | 18   | 16    | 13    | 8    | 0    | 0             | 0.0                              | 0                           |                        | 積雪<br>Snow Cover      |
| 6 June     | 414.0                      | 105.0      | 23          | 13   | 12    | 9     | 7    | 4    | 1             | 0.0                              | 0                           |                        | 結氷<br>Ice             |
| 7 July     | 154.5                      | 31.0       | 31          | 18   | 13    | 7     | 6    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 8 Aug.     | 476.0                      | 274.0      | 1           | 13   | 11    | 7     | 5    | 2    | 2             | 0.0                              | 0                           |                        |                       |
| 9 Sep.     | 206.0                      | 82.0       | 4           | 12   | 10    | 6     | 3    | 2    | 0             | 0.0                              | 0                           |                        |                       |
| 10 Oct.    | 368.5                      | 77.5       | 19          | 17   | 17    | 12    | 10   | 1    | 0             | 0.0                              | 0                           |                        |                       |
| 11 Nov.    | 78.0                       | 21.0       | 9           | 11   | 10    | 6     | 2    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 63.0                       | 31.0       | 25          | 7  | 6     | 2     | 2    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 2,861.0                    | 274.0      | Aug.1       | 163  | 143   | 101   | 70   | 14   | 3             | 0.0                              | 0                           |                        |                       |

欠測月日 (Not Measured Date)

1990年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1990

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                            |            | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間             | 風速 m/sec   |            |      |
|------------|---------------------|-----------------------|------------|------------|----------------------------|------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|------------------|------------|------------|------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>Extreme<br>最高<br>Max. | 最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs<br>% | 平均<br>Mean | 最大<br>Max. |      |
| 1 Jan.     |                     | 4.2                   | 8.7        | 0.5        | 15.8                       | -3.3       | 3.0     | 4.6  | 5.1  | 5.7  | 6.7  | 9.3  | 15.0         | 69        |                    |     | 154.4            | 50         | 3.3        | 11.9 |
| 2 Feb.     |                     | 6.0                   | 9.2        | 3.5        | 17.2                       | -2.6       | 6.3     | 6.1  | 6.1  | 6.2  | 6.3  | 7.5  | 12.5         | 87        |                    |     | 73.3             | 24         | 3.4        | 10.6 |
| 3 Mar.     |                     | 8.3                   | 13.2       | 4.5        | 18.7                       | 1.1        | 9.9     | 9.3  | 9.2  | 9.2  | 9.2  | 9.5  | 11.3         | 67        |                    |     | 163.9            | 44         | 3.5        | 11.4 |
| 4 Apr.     |                     | 12.5                  | 16.5       | 9.0        | 21.3                       | 3.4        | 14.7    | 13.7 | 13.3 | 13.0 | 12.6 | 11.8 | 11.7         | 77        |                    |     | 139.1            | 35         | 2.7        | 11.9 |
| 5 May      |                     | 16.2                  | 20.0       | 13.3       | 25.1                       | 7.5        |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |
| 6 June     |                     | 20.1                  | 23.1       | 17.8       | 32.5                       | 13.8       | 23.3    | 22.2 | 21.9 | 21.5 | 20.8 | 18.8 | 15.0         | 89        |                    |     | 72.9             | 17         | 2.1        | 9.2  |
| 7 July     |                     | 22.8                  | 26.3       | 20.4       | 31.7                       | 15.4       | 26.5    | 24.9 | 24.5 | 24.0 | 23.2 | 21.3 | 17.0         | 88        |                    |     | 103.7            | 24         | 2.2        | 6.9  |
| 8 Aug.     |                     | 25.1                  | 28.6       | 23.0       | 32.1                       | 20.2       | 28.5    | 27.4 | 27.0 | 26.6 | 26.0 | 23.9 | 18.7         | 87        |                    |     | 134.4            | 32         | 2.5        | 8.3  |
| 9 Sep.     |                     | 22.4                  | 25.8       | 19.9       | 30.1                       | 15.1       | 25.0    | 25.1 | 25.1 | 25.1 | 24.9 | 24.0 | 20.0         | 86        |                    |     | 100.7            | 27         | 2.4        | 11.4 |
| 10 Oct.    |                     | 17.0                  | 21.3       | 14.1       | 26.2                       | 9.2        | 18.3    | 19.2 | 19.4 | 19.8 | 20.3 | 21.3 | 20.8         | 83        |                    |     | 142.7            | 41         | 2.8        | 8.6  |
| 11 Nov.    |                     | 14.2                  | 19.0       | 10.7       | 24.7                       | 5.1        | 13.4    | 14.5 | 14.8 | 15.2 | 15.9 | 17.4 | 19.4         | 79        |                    |     | 166.3            | 54         | 2.6        | 8.6  |
| 12 Dec.    |                     | 8.6                   | 13.5       | 5.1        | 21.3                       | 1.3        | 6.8     | 8.9  | 9.5  | 10.2 | 11.2 | 13.5 | 17.2         | 63        |                    |     | 213.7            | 70         | 2.8        | 8.9  |
| 年 Year     |                     | 14.8                  | 18.8       | 11.8       | 32.5                       | -3.3       |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 130.0                      | 38.5       | 10          | 12   | 10    | 5     | 3    | 0    | 0             | 20.0                             | 3                           | 霜                      |                       |
| 2 Feb.     | 250.0                      | 53.5       | 24          | 18   | 18    | 17    | 10   | 1    | 0             | 17.0                             | 3                           | Frost                  |                       |
| 3 Mar.     | 171.0                      | 109.0      | 31          | 13   | 10    | 5     | 4    | 1    | 1             | 0.0                              | 0                           | 霜柱                     |                       |
| 4 Apr.     | 276.5                      | 82.0       | 21          | 16   | 15    | 10    | 8    | 1    | 0             | 0.0                              | 0                           | Frost Colum.           |                       |
| 5 May      | 241.0                      | 58.5       | 5           | 11   | 11    | 7     | 7    | 2    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 252.0                      | 74.5       | 9           | 15   | 10    | 8     | 7    | 1    | 0             | 0.0                              | 0                           | Snow Fall              |                       |
| 7 July     | 205.5                      | 134.5      | 13          | 6  | 6     | 4     | 4    | 1    | 1             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 126.5                      | 63.5       | 10          | 13   | 12    | 5     | 3    | 1    | 0             | 0.0                              | 0                           | Snow Cover             |                       |
| 9 Sep.     | 415.0                      | 255.0      | 30          | 17   | 15    | 10    | 7    | 1    | 1             | 0.0                              | 0                           | 結氷                     |                       |
| 10 Oct.    | 221.5                      | 61.0       | 26          | 14   | 13    | 9     | 6    | 1    | 0             | 0.0                              | 0                           | Ice                    |                       |
| 11 Nov.    | 385.5                      | 104.0      | 30          | 13   | 12    | 8     | 7    | 4    | 1             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 53.5                       | 23.0       | 26          | 8  | 5     | 5     | 2    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 2,728.0                    | 255.0      | Sep.30      | 156  | 137   | 93    | 68   | 14   | 4             | 20.0                             | 6                           |                        |                       |

欠測月日 (Not Measured Date)

1991年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1991

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間             | 風速 m/sec   |            |      |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|------------------|------------|------------|------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs<br>% | 平均<br>Mean | 最大<br>Max. |      |
| 1 Jan.     |                     | 4.7                   | 9.7        | 1.4        | 13.3            | -2.7            | 3.5     | 5.2  | 5.7  | 6.2  | 7.2  | 9.8  | 15.2         | 63        |                    |     | 196.8            | 63         | 2.9        | 9.4  |
| 2 Feb.     |                     | 4.7                   | 10.1       | 0.9        | 14.5            | -2.6            | 4.5     | 5.0  | 5.3  | 5.6  | 6.2  | 8.2  | 13.3         | 59        |                    |     | 184.1            | 60         | 2.8        | 9.4  |
| 3 Mar.     |                     | 7.6                   | 11.8       | 4.5        | 18.8            | -2.5            | 8.6     | 8.3  | 8.2  | 8.1  | 8.1  | 8.7  | 12.0         | 83        |                    |     | 85.7             | 23         | 3.1        | 8.9  |
| 4 Apr.     |                     | 13.1                  | 17.1       | 10.1       | 21.6            | 1.9             | 15.9    | 14.4 | 14.0 | 13.6 | 12.9 | 11.7 | 11.6         | 81        |                    |     | 134.9            | 34         | 2.5        | 11.7 |
| 5 May      |                     | 16.0                  | 20.1       | 12.9       | 23.4            | 4.5             | 19.6    | 18.5 | 18.2 | 17.8 | 17.1 | 15.6 | 13.1         |           |                    |     | 135.6            | 31         | 2.2        | 8.1  |
| 6 June     |                     | 20.9                  | 24.2       | 18.6       | 31.9            | 13.3            | 24.0    | 22.3 | 21.8 | 21.3 | 20.5 | 18.5 | 14.9         |           |                    |     | 81.7             | 19         | 1.9        | 7.8  |
| 7 July     |                     | 24.1                  | 28.2       | 21.3       | 34.2            | 16.7            | 27.8    | 26.0 | 25.5 | 25.0 | 24.1 | 21.7 | 16.9         |           |                    |     | 121.3            | 28         | 2.0        | 9.2  |
| 8 Aug.     |                     | 23.0                  | 26.6       | 20.5       | 32.1            | 16.3            | 26.7    | 26.5 | 26.3 | 26.1 | 25.6 | 23.8 | 18.7         |           |                    |     | 114.6            | 28         | 2.1        | 7.5  |
| 9 Sep.     |                     | 21.8                  | 24.8       | 19.7       | 30.5            | 15.5            | 24.0    | 24.4 | 24.4 | 24.4 | 24.3 | 23.7 | 20.4         | 91        |                    |     | 80.1             | 22         | 2.2        | 11.1 |
| 10 Oct.    |                     | 16.2                  | 19.2       | 14.1       | 26.0            | 10.7            |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |
| 11 Nov.    |                     | 11.8                  | 16.0       | 8.4        | 21.1            | 3.3             | 11.3    | 12.8 | 13.2 | 13.7 | 14.5 | 16.4 | 19.1         | 77        |                    |     | 154.7            | 50         | 2.7        | 18.6 |
| 12 Dec.    |                     | 7.9                   | 12.4       | 4.4        | 18.7            | -1.9            | 7.1     | 9.2  | 9.7  | 10.3 | 11.3 | 13.5 | 17.3         | 75        |                    |     | 141.6            | 47         | 2.7        | 8.1  |
| 年 Year     |                     | 14.3                  | 18.3       | 11.4       | 34.2            | -2.7            |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      | 最大積雪深         | 積雪日数                    | 初日<br>The First Day | 終日<br>The Last Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|-------------------------|---------------------|--------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) | Max. Snow<br>Depth (cm) |                     |                    |
| 1 Jan.     | 85.5                       | 35.0       | 1           | 8  | 6     | 3     | 3    | 0    | 0             | 0.0                     | 0                   | 霜                  |
| 2 Feb.     | 108.5                      | 66.0       | 15          | 7  | 6     | 3     | 2    | 1    | 0             | 0.0                     | 0                   | Frost              |
| 3 Mar.     | 249.0                      | 66.5       | 23          | 19   | 18    | 11    | 7    | 1    | 0             | 0.0                     | 0                   | 霜柱                 |
| 4 Apr.     | 200.5                      | 52.0       | 7           | 12   | 11    | 7     | 4    | 1    | 0             | 0.0                     | 0                   | Frost Colum.       |
| 5 May      | 161.5                      | 38.0       | 16          | 13   | 9     | 7     | 7    | 0    | 0             | 0.0                     | 0                   | 降雪                 |
| 6 June     | 190.0                      | 29.0       | 22          | 13   | 11    | 10    | 9    | 0    | 0             | 0.0                     | 0                   | Snow Fall          |
| 7 July     | 70.5                       | 24.5       | 16          | 10   | 7     | 4     | 3    | 0    | 0             | 0.0                     | 0                   | 積雪                 |
| 8 Aug.     | 158.0                      | 62.5       | 20          | 12   | 10    | 5     | 4    | 1    | 0             | 0.0                     | 0                   | Snow Cover         |
| 9 Sep.     | 405.0                      | 158.0      | 19          | 17   | 16    | 13    | 11   | 2    | 1             | 0.0                     | 0                   | 結氷                 |
| 10 Oct.    | 693.5                      | 95.5       | 8           | 17   | 15    | 13    | 13   | 8    | 0             | 0.0                     | 0                   | Ice                |
| 11 Nov.    | 122.5                      | 79.5       | 8           | 8  | 6     | 4     | 3    | 1    | 0             | 0.0                     | 0                   |                    |
| 12 Dec.    | 68.5                       | 20.0       | 27          | 11   | 9     | 5     | 2    | 0    | 0             | 3.5                     | 1                   |                    |
| 年 Year     | 2,513.0                    | 158.0      | Sep.19      | 147  | 124   | 85    | 68   | 15   | 1             | 3.5                     | 1                   |                    |

欠測月日 (Not Measured Date)

1992年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1992

| 月<br>Month | 気圧                  | 気温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間             | 風速 m/sec   |            |      |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|------------------|------------|------------|------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs<br>% | 平均<br>Mean | 最大<br>Max. |      |
| 1 Jan.     |                     | 5.6                   | 10.2       | 2.3        | 15.0            | -2.0            | 4.2     | 5.5  | 6.0  | 6.5  | 7.4  | 9.9  | 15.3         |           |                    |     | 152.8            | 52         | 2.8        | 8.6  |
| 2 Feb.     |                     | 5.3                   | 10.0       | 1.4        | 17.2            | -2.6            | 5.2     | 5.7  | 5.9  | 6.2  | 6.9  | 8.7  | 13.3         | 63        |                    |     | 162.2            | 53         | 2.6        | 7.8  |
| 3 Mar.     |                     | 7.5                   | 11.4       | 4.4        | 18.9            | -0.8            | 8.8     | 8.7  | 8.7  | 8.7  | 8.7  | 9.3  | 12.3         | 84        |                    |     | 76.5             | 21         | 3.0        | 12.8 |
| 4 Apr.     |                     | 12.8                  | 17.4       | 8.9        | 24.0            | 2.7             |         | 14.1 | 13.7 | 13.3 | 12.7 | 11.7 | 11.8         |           |                    |     |                  |            |            |      |
| 5 May      |                     | 14.8                  | 19.0       | 11.5       | 24.2            | 5.5             |         | 17.6 | 17.4 | 17.1 | 16.6 | 15.3 | 13.1         |           |                    |     |                  |            |            |      |
| 6 June     |                     | 17.9                  | 21.4       | 15.3       | 25.7            | 11.2            | 21.2    | 20.4 | 20.1 | 19.8 | 19.3 | 18.1 | 15.0         | 88        |                    |     | 79.7             | 18         | 1.6        | 8.3  |
| 7 July     |                     | 22.6                  | 26.2       | 20.2       | 31.0            | 15.9            | 25.7    | 24.1 | 23.6 | 23.0 | 22.2 | 20.2 | 16.8         | 88        |                    |     | 102.4            | 23         | 1.4        | 7.2  |
| 8 Aug.     |                     | 23.7                  | 27.0       | 21.7       | 30.3            | 16.7            | 27.2    | 26.3 | 26.0 | 25.6 | 24.9 | 22.8 | 18.1         | 90        |                    |     | 118.7            | 29         | 1.6        | 7.5  |
| 9 Sep.     |                     | 20.5                  | 24.9       | 17.6       | 33.9            | 10.6            | 23.6    | 24.2 | 24.3 | 24.3 | 24.3 | 23.4 | 19.4         | 78        |                    |     | 144.7            | 39         | 2.1        | 7.5  |
| 10 Oct.    |                     | 15.3                  | 19.1       | 12.5       | 24.7            | 7.7             | 16.4    | 17.3 | 17.5 | 17.8 | 18.3 | 19.4 | 19.5         | 85        |                    |     | 127.7            | 37         | 2.6        | 8.1  |
| 11 Nov.    |                     | 12.0                  | 16.1       | 8.6        | 22.6            | 1.5             | 11.5    | 13.1 | 13.5 | 13.9 | 14.6 | 16.2 | 18.2         | 76        |                    |     | 137.6            | 45         | 2.7        | 11.1 |
| 12 Dec.    |                     | 8.0                   | 12.7       | 4.3        | 20.1            | -1.1            | 6.8     | 8.5  | 9.0  | 9.5  | 10.4 | 12.6 | 16.4         | 68        |                    |     | 156.4            | 52         | 2.5        | 8.1  |
| 年 Year     |                     | 13.9                  | 17.9       | 10.7       | 33.9            | -2.6            |         | 15.5 | 15.5 | 15.5 | 15.5 | 15.6 | 15.8         |           |                    |     |                  |            |            |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|--|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date  | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       |
| 1 Jan.     | 73.5                       | 34.0       | 9  | 8     | 6     | 4     | 3    | 0    | 0                                | 0.0                         | 0                      | 霜                     |
| 2 Feb.     | 68.0                       | 30.5       | 4  | 10    | 6     | 3     | 2    | 0    | 0                                | 7.0                         | 2                      | Frost                 |
| 3 Mar.     | 307.5                      | 42.0       | 10   | 21    | 19    | 14    | 11   | 0    | 0                                | 0.0                         | 0                      | 霜柱                    |
| 4 Apr.     | 249.0                      | 61.5       | 30   | 14    | 11    | 7     | 7    | 2    | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 282.5                      | 122.0      | 10   | 16    | 13    | 7     | 6    | 2    | 1                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 355.5                      | 68.5       | 30   | 15    | 12    | 9     | 9    | 4    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 102.0                      | 32.0       | 2  | 13    | 12    | 6     | 3    | 0    | 0                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 39.0                       | 12.5       | 2  | 8     | 7     | 2     | 2    | 0    | 0                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 177.0                      | 96.5       | 30   | 12    | 9     | 6     | 3    | 1    | 0                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 353.5                      | 79.0       | 20   | 19    | 16    | 13    | 9    | 1    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 227.5                      | 72.5       | 20   | 12    | 11    | 9     | 7    | 1    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 86.0                       | 40.0       | 8  | 10    | 9     | 4     | 3    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 2,321.0                    | 122.0      | May 10   | 158   | 131   | 84    | 65   | 11   | 1                                | 7.0                         | 2                      |                       |

欠測月日 (Not Measured Date)

Soil Temp.0.0m: Jan 30,31 Feb 1

Max Wind Velocity: Jan 30,31 Feb 1

Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Feb 1

Humidity: Feb 1

Hours of Sunshine: Jan 30,31 Feb 1

Mean Wind Velocity: Jan 30,31 Feb 1

1993年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1993

| 月<br>Month | 気圧                  | 気温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間             | 風速 m/sec   |            |      |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|------------------|------------|------------|------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs<br>% | 平均<br>Mean | 最大<br>Max. |      |
| 1 Jan.     |                     | 4.7                   | 8.6        | 1.7        | 15.0            | -0.7            | 4.1     | 5.6  | 6.1  | 6.6  | 7.4  | 9.5  | 14.3         | 75        |                    |     | 130.8            | 42         | 3.5        | 10.0 |
| 2 Feb.     |                     | 6.3                   | 11.2       | 2.2        | 17.6            | -1.6            | 5.7     | 5.8  | 6.0  | 6.2  | 6.6  | 8.1  | 12.4         | 60        |                    |     | 176.8            | 58         | 2.8        | 11.1 |
| 3 Mar.     |                     | 6.5                   | 11.2       | 2.6        | 18.1            | -1.2            | 8.2     | 8.0  | 8.0  | 8.0  | 8.1  | 8.8  | 11.6         | 71        |                    |     | 151.8            | 41         | 2.4        | 10.8 |
| 4 Apr.     |                     | 10.9                  | 15.6       | 7.0        | 22.1            | 1.8             | 13.7    | 12.8 | 12.5 | 12.2 | 11.8 | 11.1 | 11.6         | 71        |                    |     | 159.8            | 40         | 2.5        | 10.3 |
| 5 May      |                     | 15.2                  | 19.6       | 11.7       | 25.8            | 4.1             | 18.7    | 17.2 | 16.7 | 16.3 | 15.6 | 14.1 | 12.6         | 80        |                    |     | 149.0            | 34         | 1.8        | 6.7  |
| 6 June     |                     | 18.8                  | 22.1       | 16.6       | 27.1            | 12.1            | 22.2    | 21.1 | 20.8 | 20.4 | 19.7 | 17.9 | 14.3         | 89        |                    |     | 66.2             | 15         | 1.5        | 6.7  |
| 7 July     |                     | 20.1                  | 22.5       | 18.3       | 30.4            | 13.5            |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |
| 8 Aug.     |                     | 22.6                  | 25.5       | 20.7       | 30.0            | 16.6            | 25.7    | 24.6 | 24.3 | 24.0 | 23.4 | 21.9 | 18.2         | 90        |                    |     | 78.0             | 19         | 2.0        | 8.3  |
| 9 Sep.     |                     | 20.8                  | 23.9       | 18.3       | 27.7            | 13.4            | 23.2    | 23.4 | 23.4 | 23.5 | 23.5 | 23.1 | 20.1         | 88        |                    |     | 88.5             | 24         | 2.0        | 8.3  |
| 10 Oct.    |                     | 15.4                  | 19.1       | 12.5       | 22.6            | 6.0             | 16.5    | 17.5 | 17.8 | 18.1 | 18.7 | 19.9 | 20.1         | 81        |                    |     | 135.3            | 39         | 2.2        | 35.8 |
| 11 Nov.    |                     | 12.9                  | 17.1       | 9.6        | 23.1            | 4.1             | 12.3    | 14.0 | 14.4 | 14.8 | 15.5 | 16.8 | 18.7         | 77        |                    |     | 123.2            | 48         | 2.4        | 7.5  |
| 12 Dec.    |                     | 7.2                   | 12.4       | 3.9        | 20.4            | -1.0            |         | 8.4  | 9.0  | 9.7  | 10.7 | 13.2 | 17.1         |           |                    |     |                  |            |            |      |
| 年 Year     |                     | 13.4                  | 17.4       | 10.4       | 30.4            | -1.6            |         |      |      |      |      |      |              |           |                    |     |                  |            |            |      |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |              | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|--|-------|-------|-------|------|--------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date  | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 265.0                      | 112.0      | 7  | 20    | 19    | 12    | 4    | 2            | 1                                | 0.0                         | 0                      | 霜                     |
| 2 Feb.     | 123.0                      | 33.5       | 17   | 6     | 6     | 5     | 5    | 0            | 0                                | 0.0                         | 0                      | Frost                 |
| 3 Mar.     | 113.0                      | 22.0       | 15   | 11    | 11    | 7     | 6    | 0            | 0                                | 0.0                         | 0                      | 霜柱                    |
| 4 Apr.     | 76.5                       | 19.0       | 29   | 12    | 10    | 7     | 3    | 0            | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 118.0                      | 26.5       | 2  | 11    | 10    | 8     | 5    | 0            | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 317.5                      | 59.0       | 20   | 15    | 14    | 10    | 8    | 1            | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 376.0                      | 108.0      | 5  | 21    | 19    | 12    | 9    | 2            | 1                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 284.0                      | 205.0      | 27   | 14    | 10    | 7     | 4    | 1            | 1                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 255.0                      | 61.0       | 7  | 15    | 14    | 8     | 7    | 1            | 0                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 229.0                      | 56.5       | 8  | 15    | 14    | 11    | 8    | 1            | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 162.5                      | 65.5       | 21   | 8     | 7     | 6     | 4    | 2            | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 121.5                      | 28.5       | 10   | 16    | 13    | 8     | 3    | 0            | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 2,441.0                    | 205.0      | Aug.27   | 164   | 147   | 101   | 66   | 10           | 3                                | 0.0                         | 0                      |                       |

欠測月日 (Not Measured Date)

Min. Air Temp.: Nov 5

Soil Temp.0.0m: Nov 1,2,3,4,5

Humidity: Nov 1,2,3,4,5

Hours of Sunshine: Nov 1,2,3,4,5

Mean Wind Velocity: Nov 1,2,3,4,5

Max Wind Velocity: Nov 1,2,3,4,5

Snow Depth: Mar 2,13

1994年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1994

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                            |            | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |    | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|----------------------------|------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>Extreme<br>最高<br>Max. | 最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | %  | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 4.6                   | 9.2        | 1.1        | 15.0                       | -3.7       |         | 5.3  | 5.8  | 6.4  | 7.3  | 9.8  | 14.9         |           |                    |     |             |    |            |            |
| 2 Feb.     |                     | 4.5                   | 9.9        | 0.6        | 14.1                       | -3.7       | 4.2     | 4.7  | 5.0  | 5.3  | 5.9  | 7.9  | 12.9         | 61        |                    |     | 195.6       | 64 | 2.5        | 11.9       |
| 3 Mar.     |                     | 6.0                   | 10.5       | 2.4        | 17.0                       | -1.0       | 7.8     | 7.6  | 7.5  | 7.5  | 7.5  | 8.0  | 11.1         | 74        |                    |     | 129.9       | 35 | 2.5        | 9.2        |
| 4 Apr.     |                     | 13.4                  | 17.5       | 10.1       | 20.9                       | 1.9        | 16.3    | 14.8 | 14.3 | 13.8 | 13.0 | 11.4 | 11.0         | 74        |                    |     | 174.8       | 44 | 2.4        | 10.6       |
| 5 May      |                     | 16.8                  | 20.6       | 14.0       | 25.6                       | 8.9        | 19.8    | 18.6 | 18.2 | 17.8 | 17.1 | 15.4 | 12.7         | 80        |                    |     | 139.8       | 32 | 2.0        | 9.7        |
| 6 June     |                     | 19.8                  | 23.4       | 17.2       | 28.9                       | 13.0       | 22.8    | 22.3 | 21.9 | 21.5 | 20.8 | 18.7 | 14.7         | 88        |                    |     | 76.3        | 18 | 1.4        | 10.3       |
| 7 July     |                     | 24.9                  | 28.4       | 22.6       | 32.5                       | 20.3       | 28.0    | 26.6 | 26.1 | 25.4 | 24.4 | 21.6 | 16.6         | 87        |                    |     | 122.0       | 28 | 1.2        | 8.9        |
| 8 Aug.     |                     | 25.8                  | 29.9       | 23.4       | 33.6                       | 19.8       |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |
| 9 Sep.     |                     | 22.4                  | 25.9       | 20.1       | 30.1                       | 16.6       |         | 24.9 | 24.9 | 24.9 | 24.8 | 24.1 | 20.0         |           |                    |     |             |    |            |            |
| 10 Oct.    |                     | 18.0                  | 21.4       | 15.5       | 26.4                       | 9.4        |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |
| 11 Nov.    |                     | 12.0                  | 16.7       | 8.6        | 22.8                       | 2.4        |         | 14.3 | 14.8 | 15.3 | 16.1 | 17.9 | 19.6         |           |                    |     |             |    |            |            |
| 12 Dec.    |                     | 7.6                   | 12.1       | 4.1        | 17.0                       | -1.1       |         | 8.9  | 9.5  | 10.1 | 11.2 | 13.9 | 17.8         |           |                    |     |             |    |            |            |
| 年 Year     |                     | 14.6                  | 18.8       | 11.6       | 33.6                       | -3.7       |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 54.0                       | 18.5       | 14          | 12   | 10    | 5     | 1    | 0    | 0             | 0.0                              | 1                           |                        | 霜                     |
| 2 Feb.     | 159.5                      | 92.0       | 21          | 7  | 6     | 5     | 4    | 1    | 0             | 0.0                              | 1                           |                        | Frost                 |
| 3 Mar.     | 351.5                      | 179.5      | 23          | 15   | 9     | 8     | 3    | 2    | 1             | 0.0                              | 0                           |                        | 霜柱                    |
| 4 Apr.     | 193.0                      | 44.0       | 28          | 12   | 11    | 8     | 5    | 0    | 0             | 0.0                              | 0                           |                        | Frost Colum.          |
| 5 May      | 188.0                      | 38.0       | 12          | 12   | 12    | 8     | 7    | 0    | 0             | 0.0                              | 0                           |                        | 降雪                    |
| 6 June     | 120.5                      | 63.5       | 19          | 13   | 11    | 5     | 2    | 1    | 0             | 0.0                              | 0                           |                        | Snow Fall             |
| 7 July     | 57.0                       | 33.0       | 29          | 11   | 5     | 3     | 1    | 0    | 0             | 0.0                              | 0                           |                        | 積雪                    |
| 8 Aug.     | 29.0                       | 7.0        | 23          | 8  | 6     | 3     | 0    | 0    | 0             | 0.0                              | 0                           |                        | Snow Cover            |
| 9 Sep.     | 390.0                      | 96.0       | 22          | 21   | 18    | 14    | 10   | 2    | 0             | 0.0                              | 0                           |                        | 結氷                    |
| 10 Oct.    | 125.5                      | 49.0       | 11          | 12   | 11    | 4     | 3    | 0    | 0             | 0.0                              | 0                           |                        | Ice                   |
| 11 Nov.    | 96.0                       | 36.5       | 19          | 7  | 6     | 3     | 3    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 72.0                       | 18.0       | 27          | 10   | 8     | 6     | 3    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 1,836.0                    | 179.5      | Mar.23      | 140  | 113   | 72    | 42   | 6    | 1             | 0.0                              | 2                           |                        |                       |

欠測月日 (Not Measured Date)

Mean Air Temp.: Jan 19,20

Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Jan 19,20 Sep 5,6 Nov 24,25 Dec 27,28,29

1995年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1995

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                            |            | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |    | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|----------------------------|------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>Extreme<br>最高<br>Max. | 最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | %  | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 4.9                   | 10.5       | 1.1        | 15.6                       | -2.8       | 3.4     | 5.5  | 6.0  | 6.6  | 7.6  | 10.2 | 15.5         | 57        |                    |     | 215.4       | 69 | 2.7        | 10.6       |
| 2 Feb.     |                     | 4.2                   | 9.1        | 1.0        | 12.6                       | -1.2       | 4.2     | 5.0  | 5.3  | 5.7  | 6.4  | 8.6  | 13.7         | 64        |                    |     | 149.1       | 49 | 2.5        | 8.6        |
| 3 Mar.     |                     | 6.9                   | 11.5       | 3.5        | 19.7                       | -1.2       |         | 8.0  | 8.0  | 7.9  | 8.1  | 8.8  | 12.4         |           |                    |     |             |    |            |            |
| 4 Apr.     |                     | 12.6                  | 16.5       | 9.3        | 21.0                       | 3.4        |         | 14.0 | 13.6 | 13.2 | 12.7 | 11.7 | 11.9         |           |                    |     |             |    |            |            |
| 5 May      |                     | 16.6                  | 20.0       | 14.0       | 24.0                       | 10.6       |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |
| 6 June     |                     | 18.1                  | 21.1       | 16.0       | 25.9                       | 11.7       | 21.5    | 20.4 | 20.2 | 19.9 | 19.5 | 18.3 | 15.4         | 91        |                    |     | 42.0        | 11 | 1.8        | 10.6       |
| 7 July     |                     | 23.4                  | 26.5       | 21.2       | 32.5                       | 17.6       |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |
| 8 Aug.     |                     | 26.1                  | 30.4       | 23.2       | 34.1                       | 21.8       |         | 28.8 | 28.3 | 27.7 | 26.7 | 23.9 | 18.5         |           |                    |     |             |    |            |            |
| 9 Sep.     |                     | 20.8                  | 24.5       | 18.3       | 32.0                       | 12.7       | 24.1    | 24.1 | 24.1 | 24.2 | 24.2 | 23.7 | 19.9         | 82        |                    |     | 129.0       | 35 | 1.8        | 11.7       |
| 10 Oct.    |                     | 17.2                  | 20.8       | 14.6       | 25.7                       | 10.1       | 18.3    | 19.3 | 19.5 | 19.7 | 20.1 | 20.7 | 20.0         | 81        |                    |     | 139.8       | 40 | 2.1        | 7.5        |
| 11 Nov.    |                     | 11.1                  | 16.3       | 7.1        | 19.8                       | 4.3        | 11.6    | 13.7 | 14.2 | 14.7 | 15.6 | 17.4 | 19.2         | 66        |                    |     | 172.5       | 65 | 2.2        | 9.4        |
| 12 Dec.    |                     | 6.2                   | 11.6       | 2.7        | 16.8                       | -3.5       | 4.2     | 6.9  | 7.6  | 8.3  | 9.6  | 12.6 | 17.1         | 58        |                    |     | 191.1       | 75 | 2.4        | 6.7        |
| 年 Year     |                     | 14.0                  | 18.2       | 11.0       | 34.1                       | -3.5       |         |      |      |      |      |      |              |           |                    |     |             |    |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数(24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深 | 積雪日数                | 初日<br>The First Day | 終日<br>The Last Day |
|------------|----------------------------|------------|---|-------|-------|-------|------|------|-------|---------------------|---------------------|--------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date   | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 | (mm)  | No. of<br>Snow Days |                     |                    |
| 1 Jan.     | 51.0                       | 31.5       | 4   | 5     | 3     | 2     | 2    | 0    | 0     | 0.0                 | 0                   | 霜                  |
| 2 Feb.     | 45.5                       | 9.0        | 5   | 6     | 6     | 6     | 0    | 0    | 0     | 0.0                 | 2                   | Frost              |
| 3 Mar.     | 230.5                      | 36.0       | 30  | 16    | 15    | 12    | 9    | 0    | 0     | 0.0                 | 0                   | 霜柱                 |
| 4 Apr.     | 270.0                      | 40.5       | 22  | 18    | 15    | 13    | 11   | 0    | 0     | 0.0                 | 0                   | Frost Colum.       |
| 5 May      | 340.5                      | 132.0      | 15  | 18    | 13    | 9     | 8    | 2    | 1     | 0.0                 | 0                   | 降雪                 |
| 6 June     | 215.5                      | 69.0       | 4   | 14    | 14    | 10    | 6    | 2    | 0     | 0.0                 | 0                   | Snow Fall          |
| 7 July     | 119.5                      | 42.0       | 5   | 10    | 8     | 6     | 5    | 0    | 0     | 0.0                 | 0                   | 積雪                 |
| 8 Aug.     | 9.0                        | 8.0        | 11  | 2     | 2     | 1     | 0    | 0    | 0     | 0.0                 | 0                   | Snow Cover         |
| 9 Sep.     | 238.0                      | 131.0      | 17  | 7     | 7     | 4     | 3    | 2    | 1     | 0.0                 | 0                   | 結氷                 |
| 10 Oct.    | 242.0                      | 77.5       | 2   | 17    | 11    | 8     | 5    | 2    | 0     | 0.0                 | 0                   | Ice                |
| 11 Nov.    | 63.5                       | 32.5       | 8   | 8     | 5     | 2     | 2    | 0    | 0     | 0.0                 | 0                   |                    |
| 12 Dec.    | 11.0                       | 9.5        | 29  | 2     | 2     | 1     | 0    | 0    | 0     | 0.0                 | 0                   |                    |
| 年 Year     | 1,836.0                    | 132.0      | May 15  | 123   | 101   | 74    | 51   | 8    | 2     | 0.0                 | 2                   |                    |

欠測月日 (Not Measured Date)

Soil Temp.0.0m: Jun 13,14,15 Nov 27,28,29,30 Dec 1,2,3,11,12  
 Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Mar 19 Apr 6 Nov 27,28,29,30  
 Dec 1,2,3  
 Humidity: Jun 13,14,15 Nov 27,28,29,30 Dec 1,2,3,11,12  
 Precipitation: Jun 13,14,15

Hours of Sunshine: Jun 13,14,15 Nov 27,28,29,30 Dec 1,2,3,11,12  
 Mean Wind Velocity: Jun 13,14,15 Nov 27,28,29,30 Dec 1,2,3,11,12  
 Max Wind Velocity: Jun 13,14,15 Nov 27,28,29,30 Dec 1,2,3,11,12

1996年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1996

| 月<br>Month | 気圧<br>Pres-<br>sure | 気温 Air Temperature °C |            |            |                 |                 | 平均地温 °C<br>Soil Temperature (Mean) |      |      |      |      |      |              | 湿度<br>Hum* | 蒸発量<br>Eva* | 雲量<br>Cl* | 日照時間<br>Sun* |    | 風速 m/sec<br>Wind Velocity |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|------------------------------------|------|------|------|------|------|--------------|------------|-------------|-----------|--------------|----|---------------------------|------------|
|            | mm                  | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0                                | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %          | mm<br>/day  | %         | hrs          | %  | 平均<br>Mean                | 最大<br>Max. |
| 1 Jan.     |                     | 4.7                   | 9.1        | 1.1        | 17.5            | -2.8            | 4.0                                | 5.5  | 5.9  | 6.4  | 7.3  | 9.8  | 15.1         | 62         |             |           |              |    | 2.5                       | 10.6       |
| 2 Feb.     |                     | 3.6                   | 8.3        | 0.2        | 18.0            | -3.6            | 4.2                                | 4.7  | 5.0  | 5.4  | 6.1  | 8.3  | 13.4         | 68         |             |           | 146.8        | 54 | 2.5                       | 7.8        |
| 3 Mar.     |                     | 7.1                   | 11.6       | 3.5        | 20.2            | -2.2            | 8.0                                | 8.2  | 8.0  | 7.9  | 8.0  | 8.5  | 12.0         | 70         |             |           | 121.6        | 38 | 2.6                       | 13.3       |
| 4 Apr.     |                     | 9.9                   | 14.4       | 6.3        | 22.7            | 0.5             | 12.9                               | 12.3 | 12.0 | 11.7 | 11.4 | 10.9 | 11.7         | 72         |             |           | 171.2        | 43 | 1.9                       | 11.1       |
| 5 May      |                     | 15.4                  | 19.3       | 12.5       | 25.1            | 7.1             | 18.2                               | 17.3 | 16.9 | 16.5 | 15.9 | 14.4 | 12.6         | 79         |             |           | 126.8        | 29 | 1.9                       | 13.3       |
| 6 June     |                     | 19.5                  | 23.1       | 16.9       | 27.4            | 12.2            | 22.2                               | 21.3 | 20.9 | 20.5 | 19.7 | 17.6 | 14.2         | 86         |             |           | 66.3         | 15 | 1.7                       | 9.4        |
| 7 July     |                     | 23.0                  | 26.4       | 20.7       | 31.7            | 15.0            |                                    | 24.4 | 24.0 | 23.4 | 22.6 | 20.8 | 16.9         |            |             |           |              |    |                           |            |
| 8 Aug.     |                     | 23.1                  | 27.1       | 20.5       | 31.0            | 16.1            | 26.7                               | 26.3 | 26.1 | 25.8 | 25.2 | 23.3 | 18.6         | 86         |             |           | 123.8        | 32 | 1.6                       | 10.6       |
| 9 Sep.     |                     | 19.9                  | 23.7       | 17.3       | 29.2            | 12.2            | 22.2                               | 22.4 | 22.5 | 22.5 | 22.5 | 22.3 | 19.7         | 85         |             |           | 119.6        | 33 | 1.6                       | 10.6       |
| 10 Oct.    |                     | 15.8                  | 19.8       | 12.9       | 23.6            | 6.0             | 16.6                               | 17.6 | 17.9 | 18.2 | 18.7 | 19.7 | 19.7         | 82         |             |           | 132.7        | 38 | 1.4                       | 9.4        |
| 11 Nov.    |                     | 12.0                  | 16.3       | 8.6        | 22.6            | 2.7             |                                    | 13.5 | 13.8 | 14.3 | 15.0 | 16.6 | 18.5         |            |             |           |              |    |                           |            |
| 12 Dec.    |                     | 8.0                   | 13.1       | 3.9        | 16.6            | 0.8             |                                    |      |      |      |      |      |              |            |             |           |              |    |                           |            |
| 年 Year     |                     | 13.5                  | 17.7       | 10.4       | 31.7            | -3.6            |                                    |      |      |      |      |      |              |            |             |           |              |    |                           |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation Cl: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数(24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|---|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date   | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm)                    |                             |                        |                       |
| 1 Jan.     | 64.5                       | 25.0       | 8   | 9     | 7     | 3     | 3    | 0    | 0                                | 0.0                         | 1                      | 霜<br>Frost            |
| 2 Feb.     | 51.0                       | 18.0       | 25  | 7     | 6     | 3     | 3    | 0    | 0                                | 14.0                        | 3                      | 霜柱<br>Frost Colum.    |
| 3 Mar.     | 225.5                      | 43.0       | 17  | 11    | 8     | 8     | 6    | 0    | 0                                | 0.0                         | 0                      | 降雪<br>Snow Fall       |
| 4 Apr.     | 94.0                       | 55.5       | 16  | 13    | 10    | 5     | 1    | 1    | 0                                | 0.0                         | 0                      | 積雪<br>Snow Cover      |
| 5 May      | 185.5                      | 77.5       | 2   | 8     | 6     | 4     | 4    | 1    | 0                                | 0.0                         | 0                      | 結氷<br>Ice             |
| 6 June     | 112.0                      | 36.5       | 14  | 12    | 11    | 5     | 3    | 0    | 0                                | 0.0                         | 0                      |                       |
| 7 July     | 255.5                      | 168.5      | 10  | 8     | 6     | 4     | 3    | 2    | 1                                | 0.0                         | 0                      |                       |
| 8 Aug.     | 64.5                       | 30.0       | 29  | 8     | 5     | 2     | 2    | 0    | 0                                | 0.0                         | 0                      |                       |
| 9 Sep.     | 492.0                      | 343.0      | 22  | 14    | 10    | 6     | 5    | 2    | 1                                | 0.0                         | 0                      |                       |
| 10 Oct.    | 131.5                      | 30.5       | 14  | 15    | 13    | 9     | 6    | 0    | 0                                | 0.0                         | 0                      |                       |
| 11 Nov.    | 167.0                      | 34.0       | 27  | 16    | 12    | 10    | 6    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 83.0                       | 33.0       | 5   | 4     | 4     | 3     | 2    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 1,926.0                    | 343.0      | Sep.22  | 125   | 98    | 62    | 44   | 6    | 2                                | 14.0                        | 4                      |                       |

欠測月日 (Not Measured Date)

Soil Temp.0.0m: Jan 18,19,20,21 Feb 1,2,3,4 Mar 28,29,30,31 Aug 9,10 Sep 26

Soil Temp.0.1m: Jan 21 Nov 12,13,14

Soil Temp.0.2m/0.3m/0.5m/1.0m/2.0m: Jan 20,21 Nov 12,13,14

Humidity: Jan 18,19,20,21 Feb 1,2,3,4 Mar 28,29,30,31 Aug 9,10 Sep 26

Precipitation: Jan 19 Feb 16,17 Jul 8,9 Dec 17

Hours of Sunshine: Jan 18,19,20,21 Feb 1,2,3,4 Mar 28,29,30,31 Aug 9,10 Sep 26

Mean Wind Velocity: Jan 18,19,20,21 Feb 1,2,3,4 Mar 28,29,30,31 Aug 9,10 Sep 26

Max Wind Velocity: Jan 18,19,20,21 Feb 1,2,3,4 Mar 28,29,30,31 Aug 9,10 Sep 26

1997年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1997

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |     | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|-----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | %   | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 4.8                   | 10.2       | 0.9        | 15.1            | -4.5            | 3.4     | 5.3  | 5.8  | 6.4  | 7.4  | 9.9  | 14.8         | 59        |                    |     |             | 2.3 | 8.1        |            |
| 2 Feb.     |                     | 4.9                   | 10.2       | 1.0        | 18.1            | -3.8            | 4.8     | 5.2  | 5.4  | 5.7  | 6.3  | 8.2  | 13.1         | 63        |                    |     |             | 2.2 | 8.6        |            |
| 3 Mar.     |                     | 8.3                   | 12.4       | 4.5        | 20.4            | 0.4             | 9.6     | 9.2  | 9.1  | 9.0  | 8.9  | 9.3  | 12.1         | 72        |                    |     |             | 2.5 | 9.2        |            |
| 4 Apr.     |                     | 12.8                  | 16.8       | 9.3        | 22.2            | 4.4             |         | 14.4 | 14.1 | 13.8 | 13.3 | 12.4 | 12.1         |           |                    |     |             |     |            |            |
| 5 May      |                     | 16.5                  | 20.1       | 13.5       | 25.3            | 8.6             | 19.0    | 18.3 | 17.9 | 17.6 | 16.9 | 15.5 | 13.3         | 84        |                    |     |             | 2.0 | 9.4        |            |
| 6 June     |                     | 19.4                  | 22.6       | 16.9       | 29.5            | 12.1            | 22.3    | 21.4 | 21.0 | 20.6 | 19.9 | 18.2 | 15.0         | 88        |                    |     |             | 1.8 | 15.0       |            |
| 7 July     |                     | 23.6                  | 26.9       | 21.2       | 31.9            | 17.1            | 26.8    | 25.5 | 25.1 | 24.6 | 23.7 | 21.5 | 16.8         | 86        |                    |     |             | 2.0 | 16.1       |            |
| 8 Aug.     |                     | 24.1                  | 27.7       | 21.7       | 30.7            | 16.2            | 27.5    | 26.6 | 26.2 | 25.8 | 25.2 | 23.3 | 18.8         | 87        |                    |     |             | 1.7 | 14.4       |            |
| 9 Sep.     |                     | 20.9                  | 24.3       | 18.4       | 29.5            | 12.9            | 23.5    | 24.0 | 24.0 | 24.1 | 24.1 | 23.4 | 19.9         | 87        |                    |     |             | 1.8 | 8.6        |            |
| 10 Oct.    |                     | 16.7                  | 20.9       | 13.3       | 24.2            | 7.3             | 17.4    | 18.4 | 18.7 | 19.0 | 19.5 | 20.3 | 19.9         | 72        |                    |     |             | 1.6 | 7.2        |            |
| 11 Nov.    |                     | 13.1                  | 17.2       | 9.8        | 23.4            | 6.2             |         |      |      |      |      |      |              |           |                    |     |             |     |            |            |
| 12 Dec.    |                     | 7.7                   | 11.9       | 4.5        | 20.1            | -0.1            | 7.0     | 9.3  | 9.9  | 10.4 | 11.4 | 13.8 | 17.3         | 72        |                    |     |             | 2.2 | 12.2       |            |
| 年 Year     |                     | 14.4                  | 18.4       | 11.2       | 31.9            | -4.5            |         |      |      |      |      |      |              |           |                    |     |             |     |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深 | 積雪日数                | 初日               | 終日              |
|------------|----------------------------|------------|--|-------|-------|-------|------|------|-------|---------------------|------------------|-----------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date  | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 | (mm)  | No. of<br>Snow Days | The First<br>Day | The Last<br>Day |
| 1 Jan.     | 65.0                       | 38.0       | 5  | 7     | 4     | 3     | 2    | 0    | 0.0   | 0                   |                  | 霜               |
| 2 Feb.     | 88.0                       | 39.5       | 16   | 7     | 7     | 3     | 2    | 0    | 0.0   | 0                   |                  | Frost           |
| 3 Mar.     | 146.5                      | 33.0       | 30   | 13    | 11    | 7     | 4    | 0    | 0.0   | 0                   |                  | 霜柱              |
| 4 Apr.     | 147.5                      | 57.5       | 6  | 10    | 8     | 5     | 5    | 1    | 0.0   | 0                   |                  | Frost Colum.    |
| 5 May      | 156.5                      | 71.0       | 24   | 10    | 9     | 6     | 5    | 1    | 0.0   | 0                   |                  | 降雪              |
| 6 June     | 184.5                      | 56.5       | 9  | 17    | 15    | 9     | 5    | 1    | 0.0   | 0                   |                  | Snow Fall       |
| 7 July     | 261.5                      | 70.0       | 12   | 11    | 11    | 8     | 6    | 3    | 0.0   | 0                   |                  | 積雪              |
| 8 Aug.     | 15.5                       | 8.0        | 5  | 2     | 2     | 2     | 0    | 0    | 0.0   | 0                   |                  | Snow Cover      |
| 9 Sep.     | 192.5                      | 57.5       | 16   | 14    | 10    | 9     | 8    | 1    | 0.0   | 0                   |                  | 結氷              |
| 10 Oct.    | 74.5                       | 25.5       | 9  | 9     | 7     | 4     | 3    | 0    | 0.0   | 0                   |                  | Ice             |
| 11 Nov.    | 106.0                      | 32.0       | 29   | 11    | 10    | 7     | 4    | 0    | 0.0   | 0                   |                  |                 |
| 12 Dec.    | 80.5                       | 20.5       | 23   | 10    | 8     | 5     | 3    | 0    | 0.0   | 0                   |                  |                 |
| 年 Year     | 1,518.5                    | 71.0       | May 24   | 121   | 102   | 68    | 47   | 7    | 0     | 0.0                 | 0                |                 |

欠測月日 (Not Measured Date)

Soil Temp.0.0m: Mar 31 Dec 1,2,3,4

Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Apr 6,7,27,28 Dec 3,4

Humidity: Mar 31 Dec 1,2,3,4

Mean Wind Velocity: Mar 31 Dec 1,2,3,4

Max Wind Velocity: Mar 31 Dec 1,2,3,4

1998年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1998

| 月<br>Month | 気圧                  | 気温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |     | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|-----|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | %   | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 4.3                   | 8.7        | 0.8        | 13.7            | -3.6            | 3.5     | 5.1  | 5.6  | 6.2  | 7.1  | 9.6  | 14.9         | 65        |                    |     |             |     | 2.3        | 8.1        |
| 2 Feb.     |                     | 5.6                   | 10.2       | 2.0        | 18.9            | -2.5            | 5.7     | 5.8  | 5.9  | 6.1  | 6.5  | 8.1  | 12.7         | 73        |                    |     |             |     | 2.4        | 8.9        |
| 3 Mar.     |                     | 7.8                   | 12.2       | 4.0        | 20.8            | -1.3            |         | 8.4  | 8.2  | 8.1  | 8.1  | 8.5  | 11.3         |           |                    |     |             |     |            |            |
| 4 Apr.     |                     | 13.7                  | 16.9       | 11.3       | 24.1            | 1.4             | 15.7    | 14.6 | 14.2 | 13.8 | 13.2 | 11.9 | 11.5         | 87        |                    |     |             | 2.3 | 10.0       |            |
| 5 May      |                     | 17.8                  | 20.9       | 14.9       | 25.3            | 8.6             | 20.5    | 19.4 | 19.0 | 18.6 | 17.9 | 16.1 | 13.1         | 87        |                    |     |             | 2.1 | 11.1       |            |
| 6 June     |                     | 18.9                  | 21.6       | 16.7       | 31.2            | 10.8            | 21.6    | 20.9 | 20.6 | 20.3 | 19.9 | 18.6 | 15.4         | 89        |                    |     |             |     |            |            |
| 7 July     |                     | 22.4                  | 25.3       | 20.4       | 31.4            | 14.6            | 25.6    | 24.5 | 24.1 | 23.7 | 23.0 | 21.1 | 17.0         | 92        |                    |     |             |     |            |            |
| 8 Aug.     |                     | 24.6                  | 27.6       | 22.6       | 32.0            | 18.2            | 27.4    | 26.7 | 26.3 | 25.9 | 25.2 | 23.3 | 18.8         | 92        |                    |     |             |     |            |            |
| 9 Sep.     |                     | 21.7                  | 24.4       | 19.8       | 27.6            | 16.4            | 24.2    | 24.3 | 24.3 | 24.2 | 24.1 | 23.4 | 19.8         | 92        |                    |     |             |     |            |            |
| 10 Oct.    |                     | 18.3                  | 21.5       | 15.8       | 27.4            | 11.0            |         |      |      |      |      |      |              |           |                    |     |             |     |            |            |
| 11 Nov.    |                     | 12.7                  | 16.8       | 9.4        | 23.1            | 3.1             | 12.1    | 14.1 | 14.6 | 15.2 | 16.1 | 17.9 | 19.6         | 69        |                    |     |             |     |            |            |
| 12 Dec.    |                     | 7.7                   | 11.8       | 4.7        | 17.8            | 1.4             | 6.5     | 8.6  | 9.1  | 9.7  | 10.6 | 13.1 | 17.4         | 65        |                    |     |             |     |            |            |
| 年 Year     |                     | 14.6                  | 18.2       | 11.9       | 32.0            | -3.6            |         |      |      |      |      |      |              |           |                    |     |             |     |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)   |            |             | 量別降水日数 (24時間) (No. of Days) |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|-------------|------------|-------------|-----------------------------|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total | 最大<br>Max. | 生起日<br>Date | >=0.5                       | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 176.5       | 47.5       | 15          | 10                          | 10    | 6     | 6    | 0    | 0             | 17.0                             | 2                           | 霜                      |                       |
| 2 Feb.     | 171.5       | 73.5       | 20          | 12                          | 12    | 6     | 4    | 1    | 0             | 0                                | 1                           | Frost                  |                       |
| 3 Mar.     | 163.0       | 47.0       | 1,12        | 12                          | 10    | 7     | 5    | 0    | 0             | 15.0                             | 3                           | 霜柱                     |                       |
| 4 Apr.     | 245.0       | 77.0       | 24          | 16                          | 14    | 11    | 10   | 1    | 0             | 0.0                              | 0                           | Frost Colum.           |                       |
| 5 May      | 212.5       | 59.0       | 17          | 15                          | 14    | 7     | 4    | 2    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 283.0       | 62.0       | 10          | 18                          | 15    | 10    | 8    | 1    | 0             | 0.0                              | 0                           | Snow Fall              |                       |
| 7 July     | 274.5       | 71.0       | 22          | 19                          | 16    | 8     | 7    | 2    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 57.0        | 14.5       | 30          | 14                          | 13    | 4     | 3    | 0    | 0             | 0.0                              | 0                           | Snow Cover             |                       |
| 9 Sep.     | 235.5       | 49.5       | 7           | 17                          | 12    | 9     | 8    | 0    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 10 Oct.    | 154.0       | 71.0       | 1           | 15                          | 11    | 7     | 4    | 1    | 0             | 0.0                              | 0                           | Ice                    |                       |
| 11 Nov.    | 54.5        | 27.5       | 17          | 4                           | 4     | 3     | 3    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 56.0        | 21.0       | 3           | 6                           | 6     | 4     | 2    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 2,083.0     | 77.0       | Apr.24      | 158                         | 137   | 82    | 64   | 8    | 0             | 17.0                             | 6                           |                        |                       |

欠測月日 (Not Measured Date)

Max. Air Temp.: Mar 6,7 Nov 26

Min. Air Temp.: Mar 6,7 Nov 26

Soil Temp.0.0m: Jan 13,14,15,16 Apr 14,15,16,17,18 May 15,16 Jun 12,13,14,15,16  
Jul 24 Sep 25,26,27,28 Nov 26,27 Dec 4,5,6,7,8

Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Jan 13,16 Mar 6,7 Apr 18 May 16  
Jun 12,13,14,15,16 Sep 25,26,27,28 Nov 26 Dec 5,6,7,8

Humidity: Jan 13,14,15,16 Apr 14,15,16,17,18 May 15,16 Jun 12,13,14,15,16  
Jul 24 Sep 25,26,27,28 Nov 26,27 Dec 4,5,6,7,8

Mean Wind Velocity: Jan 13,14,15,16 Apr 14,15,16,17,18 May 15,16  
Max Wind Velocity: Jan 13,14,15,16 Apr 14,15,16,17,18 May 15,16

1999年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 1999

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                 |                 | 平均地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |   | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|-----------------|-----------------|---------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|---|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>最高<br>Max. | 極<br>最低<br>Min. | 0.0     | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | % | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 5.1                   | 10.1       | 1.5        | 15.7            | -2.9            | 3.3     | 5.3  | 5.8  | 6.4  | 7.4  | 10.1 | 15.3         | 59        |                    |     |             |   |            |            |
| 2 Feb.     |                     | 5.0                   | 10.3       | 0.9        | 17.1            | -4.0            | 4.7     | 5.2  | 5.5  | 5.8  | 6.5  | 8.6  | 13.6         | 64        |                    |     |             |   |            |            |
| 3 Mar.     |                     | 8.1                   | 12.3       | 4.6        | 18.3            | -0.3            |         | 9.0  | 8.9  | 8.8  | 8.8  | 9.3  | 12.4         |           |                    |     |             |   |            |            |
| 4 Apr.     |                     | 12.4                  | 16.3       | 9.3        | 21.5            | 3.2             |         |      |      |      |      |      |              |           |                    |     |             |   |            |            |
| 5 May      |                     | 17.3                  | 21.0       | 14.6       | 26.1            | 10.6            | 19.9    | 18.7 | 18.4 | 17.9 | 17.2 | 15.6 | 13.0         | 79        |                    |     |             |   |            |            |
| 6 June     |                     | 19.9                  | 23.3       | 17.4       | 27.9            | 13.4            | 22.9    | 21.8 | 21.4 | 21.0 | 20.3 | 18.4 | 14.8         | 86        |                    |     |             |   |            |            |
| 7 July     |                     | 22.9                  | 26.2       | 20.8       | 30.5            | 14.3            | 26.3    | 24.8 | 24.4 | 23.9 | 23.2 | 21.3 | 17.2         | 91        |                    |     |             |   |            |            |
| 8 Aug.     |                     | 25.3                  | 28.5       | 23.5       | 31.0            | 21.8            | 29.2    | 28.0 | 27.7 | 27.2 | 26.5 | 24.2 | 18.9         | 90        |                    |     |             |   |            |            |
| 9 Sep.     |                     | 23.6                  | 27.1       | 21.3       | 30.9            | 16.4            | 26.0    | 26.0 | 25.9 | 25.8 | 25.5 | 24.3 | 20.1         | 87        |                    |     |             |   |            |            |
| 10 Oct.    |                     | 17.5                  | 21.9       | 14.3       | 28.3            | 9.9             |         | 20.1 | 20.4 | 20.7 | 21.2 | 21.8 | 20.4         |           |                    |     |             |   |            |            |
| 11 Nov.    |                     | 12.9                  | 17.3       | 9.4        | 22.3            | 4.7             | 12.5    | 14.2 | 14.6 | 15.1 | 15.9 | 17.5 | 19.2         | 75        |                    |     |             |   |            |            |
| 12 Dec.    |                     | 7.8                   | 12.5       | 4.5        | 17.0            | 0.3             | 5.5     | 8.0  | 8.7  | 9.4  | 10.6 | 13.3 | 17.3         | 73        |                    |     |             |   |            |            |
| 年 Year     |                     | 14.8                  | 18.9       | 11.8       | 31.0            | -4.0            |         |      |      |      |      |      |              |           |                    |     |             |   |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            |             | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |      |      |               | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|-------------|--|-------|-------|------|------|---------------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date | >=0.5  | >=1.0 | >=5.0 | >=10 | >=50 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 20.5                       | 11.5       | 25          | 4  | 2     | 2     | 1    | 0    | 0             | 0.0                              | 0                           |                        | 霜                     |
| 2 Feb.     | 90.5                       | 43.0       | 24          | 11   | 8     | 4     | 3    | 0    | 0             | 0.0                              | 0                           |                        | Frost                 |
| 3 Mar.     | 156.5                      | 54.5       | 15          | 12   | 10    | 6     | 5    | 1    | 0             | 0.0                              | 0                           |                        | 霜柱                    |
| 4 Apr.     | 251.5                      | 133.5      | 24          | 13   | 12    | 9     | 5    | 1    | 1             | 0.0                              | 0                           |                        | Frost Colum.          |
| 5 May      | 153.5                      | 47.0       | 4           | 11   | 10    | 7     | 5    | 0    | 0             | 0.0                              | 0                           |                        | 降雪                    |
| 6 June     | 135.5                      | 22.0       | 19,30       | 13   | 12    | 10    | 5    | 0    | 0             | 0.0                              | 0                           |                        | Snow Fall             |
| 7 July     | 288.0                      | 185.5      | 13          | 15   | 11    | 8     | 3    | 1    | 1             | 0.0                              | 0                           |                        | 積雪                    |
| 8 Aug.     | 78.0                       | 37.0       | 14          | 10   | 9     | 3     | 3    | 0    | 0             | 0.0                              | 0                           |                        | Snow Cover            |
| 9 Sep.     | 80.0                       | 21.0       | 20          | 14   | 9     | 5     | 3    | 0    | 0             | 0.0                              | 0                           |                        | 結氷                    |
| 10 Oct.    | 124.0                      | 106.5      | 27          | 8  | 6     | 2     | 1    | 1    | 1             | 0.0                              | 0                           |                        | Ice                   |
| 11 Nov.    | 132.5                      | 47.5       | 15          | 11   | 10    | 5     | 5    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 16.5                       | 11.0       | 2           | 5  | 2     | 1     | 1    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 1,527.0                    | 185.5      | July 13     | 127  | 101   | 62    | 40   | 4    | 3             | 0.0                              | 0                           |                        |                       |

欠測月日 (Not Measured Date)

Max. Air Temp.: Dec 3

Min. Air Temp.: Dec 3

Soil Temp. 0.0m: Jun 17, 18, 30 Jul 1, 2, 3 Dec 3, 4, 5, 6, 7

Soil Temp. 0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Mar 20, 21, 22, 30, 31 Jun 17, 18, 30

Jul 1, 2 Oct 22 Dec 7

Humidity: Jun 17, 18, 30 Jul 1, 2, 3 Dec 3, 4, 5, 6, 7

Precipitation: Mar 19, 20, 30, 31 Apr 10, 11 Oct 15

2000年

氣象年報

千葉演習林清澄

Annual Report of Meteorological Data at Kiyosumi in 2000

| 月<br>Month | 気圧                  | 气温 Air Temperature °C |            |            |                            |            | 地温 °C |      |      |      |      |      |              | 湿度        | 蒸発量                | 雲量  | 日照時間        |   | 風速 m/sec   |            |
|------------|---------------------|-----------------------|------------|------------|----------------------------|------------|-------|------|------|------|------|------|--------------|-----------|--------------------|-----|-------------|---|------------|------------|
|            | Pres-<br>sure<br>mm | 平均<br>Mean            | 最高<br>Max. | 最低<br>Min. | 極<br>Extreme<br>最高<br>Max. | 最低<br>Min. | 0.0   | 0.1  | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | Hum*<br>% | Eva*<br>mm<br>/day | CI* | Sun*<br>hrs | % | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | 6.0                   | 10.2       | 2.8        | 18.3                       | -2.5       |       | 6.7  | 7.1  | 7.6  | 8.4  | 10.5 | 15.1         |           |                    |     |             |   |            |            |
| 2 Feb.     |                     | 3.9                   | 9.1        | -0.0       | 12.1                       | -3.1       | 4.3   | 5.1  | 5.4  | 5.9  | 6.6  | 8.8  | 13.5         | 61        |                    |     |             |   |            |            |
| 3 Mar.     |                     | 7.3                   | 12.1       | 3.0        | 16.1                       | -1.7       | 8.6   | 8.0  | 7.9  | 7.9  | 8.0  | 8.8  | 12.3         | 74        |                    |     |             |   |            |            |
| 4 Apr.     |                     | 12.3                  | 16.3       | 8.6        | 20.6                       | 3.5        | 14.5  | 13.3 | 13.0 | 12.6 | 12.2 | 11.4 | 12.1         |           |                    |     |             |   |            |            |
| 5 May      |                     | 16.9                  | 20.7       | 14.3       | 26.7                       | 10.1       | 20.6  | 19.1 | 18.6 | 18.0 | 17.2 | 15.4 | 13.2         | 86        |                    |     |             |   |            |            |
| 6 June     |                     | 19.3                  | 22.3       | 17.1       | 27.6                       | 14.0       |       | 21.6 | 21.3 | 21.0 | 20.5 | 19.0 | 15.6         |           |                    |     |             |   |            |            |
| 7 July     |                     | 23.9                  | 27.2       | 21.7       | 31.2                       | 19.1       | 27.5  | 26.0 | 25.6 | 25.1 | 24.4 | 22.5 | 18.0         | 90        |                    |     |             |   |            |            |
| 8 Aug.     |                     | 24.7                  | 28.3       | 22.6       | 30.3                       | 19.3       |       |      |      |      |      |      |              |           |                    |     |             |   |            |            |
| 9 Sep.     |                     | 22.7                  | 26.0       | 20.4       | 31.3                       | 14.6       |       | 25.5 | 25.4 | 25.4 | 25.3 | 24.6 | 20.6         |           |                    |     |             |   |            |            |
| 10 Oct.    |                     | 16.9                  | 20.2       | 14.2       | 26.5                       | 9.6        |       | 19.9 | 20.1 | 20.4 | 21.6 | 20.9 | 20.9         |           |                    |     |             |   |            |            |
| 11 Nov.    |                     | 11.7                  | 16.4       | 8.2        | 24.0                       | 1.8        | 13.1  | 14.0 | 14.5 | 14.8 | 15.7 | 17.6 | 19.6         | 82        |                    |     | 96.4        |   |            |            |
| 12 Dec.    |                     | 7.1                   | 12.6       | 3.3        | 19.2                       | -1.0       | 7.5   | 8.6  | 9.3  | 9.7  | 10.9 | 13.7 | 17.2         | 65        |                    |     | 139.1       |   |            |            |
| 年 Year     |                     | 14.4                  | 18.5       | 11.4       | 31.3                       | -3.1       |       |      |      |      |      |      |              |           |                    |     |             |   |            |            |

\* Remarks Hum: Mean Relative Humidity Eva: Mean Evaporation CI: Mean Amount of Cloud (0-10) Sun: Hours of Sunshine

| 月<br>Month | 日降水量 (mm)<br>Precipitation |            | 量別降水日数 (24時間) (No. of Days)<br>Distribution of 24hr. Precipitation |       |       |       |      |      | 最大積雪深<br>Max. Snow<br>Depth (cm) | 積雪日数<br>No. of<br>Snow Days | 初日<br>The First<br>Day | 終日<br>The Last<br>Day |
|------------|----------------------------|------------|--|-------|-------|-------|------|------|----------------------------------|-----------------------------|------------------------|-----------------------|
|            | 合計<br>Total                | 最大<br>Max. | 生起日<br>Date  | >=0.5 | >=1.0 | >=5.0 | >=10 | >=50 |                                  |                             |                        |                       |
| 1 Jan.     | 143.0                      | 39.0       | 10   | 13    | 8     | 7     | 4    | 0    | 0                                | 0.0                         | 0                      | 霜                     |
| 2 Feb.     | 15.5                       | 9.5        | 20   | 4     | 2     | 2     | 0    | 0    | 0                                | 2.5                         | 2                      | Frost                 |
| 3 Mar.     | 206.0                      | 53.5       | 4  | 13    | 12    | 8     | 7    | 1    | 0                                | 0.0                         | 0                      | 霜柱                    |
| 4 Apr.     | 178.0                      | 65.0       | 20   | 11    | 10    | 8     | 6    | 1    | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 199.0                      | 79.5       | 28   | 12    | 10    | 7     | 6    | 1    | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 408.0                      | 63.5       | 13   | 16    | 15    | 12    | 11   | 3    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 321.5                      | 130.5      | 8  | 9     | 7     | 3     | 3    | 3    | 1                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 41.0                       | 18.5       | 13   | 5     | 4     | 3     | 2    | 0    | 0                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 240.0                      | 51.5       | 7  | 18    | 16    | 11    | 7    | 1    | 0                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 199.5                      | 56.0       | 20   | 14    | 11    | 9     | 5    | 1    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 94.0                       | 26.0       | 2  | 10    | 9     | 6     | 5    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 36.0                       | 14.0       | 20   | 9     | 7     | 2     | 1    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 2,081.5                    | 130.5      | July 8   | 134   | 111   | 78    | 57   | 11   | 1                                | 2.5                         | 2                      |                       |

欠測月日 (Not Measured Date)

Soil Temp.0.0m: May 30,31 Jul 1,2,3,4

Soil Temp.0.1m/0.2m/0.3m/0.5m/1.0m/2.0m: Jan 14 Jul 4 Oct 31

Humidity: May 30,31 Jul 1,2,3,4

Precipitation: Feb 8