

1986年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1986

| 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. | Soil Temperature (Mean) |      |      |      |      |              | Hum* | Eva*       | CI* | Sun*  | 平均       | 最大   |      |
|            |                     |                       |            |            |                 | 0.0             | 0.1                     | 0.2  | 0.3  | 0.5  | 1.0  | 2.0m<br>deep | %    | mm<br>/day |     | hrs   | %        | Mean | Max. |
| 1 Jan.     | 691.0               | -0.9                  | 4.6        | -6.4       | 9.2             | -10.1           | -0.6                    | 1.2  | 1.9  | 3.2  | 5.2  | 8.3          | 56   | 2.1        | 2   | 188.1 | 60       |      |      |
| 2 Feb.     | 690.9               | -1.3                  | 4.5        | -7.0       | 10.5            | -10.8           | -0.5                    | 0.7  |      | 2.4  | 3.8  | 6.4          | 55   | 2.3        | 4   | 187.1 | 61       |      |      |
| 3 Mar.     | 690.9               | 3.1                   | 8.6        | -2.4       | 15.1            | -9.2            | 2.4                     | 3.8  | 4.4  | 4.9  | 4.8  | 6.0          | 62   | 2.4        | 5   | 166.6 | 48       |      |      |
| 4 Apr.     | 691.9               | 10.1                  | 15.8       | 4.4        | 22.4            | -3.4            | 8.8                     | 9.4  | 9.9  | 9.4  | 8.0  | 7.2          | 59   | 3.1        | 5   | 190.0 | 48       |      |      |
| 5 May      | 690.4               | 13.8                  | 19.2       | 8.4        | 26.3            | 3.5             | 14.1                    | 14.4 | 14.8 | 14.2 | 12.6 | 10.7         | 65   | 3.0        | 7   | 168.3 | 39       |      |      |
| 6 June     | 688.0               | 17.3                  | 22.0       | 12.6       | 27.6            | 7.7             | 18.2                    | 18.0 | 18.4 | 17.4 | 15.7 | 13.4         | 73   | 2.3        | 8   | 121.5 | 28       |      |      |
| 7 July     | 688.5               | 20.3                  | 23.9       | 16.7       | 31.2            | 13.1            | 20.8                    | 20.5 | 20.6 | 19.5 | 17.9 | 13.7         | 84   | 1.9        | 8   | 90.3  | 21       |      |      |
| 8 Aug.     | 688.9               | 22.5                  | 27.4       | 17.5       | 30.7            | 13.8            | 23.1                    | 23.4 | 23.8 | 22.9 | 21.1 | 18.3         | 73   | 3.7        | 6   | 181.9 | 44       |      |      |
| 9 Sep.     | 690.1               | 19.0                  | 23.3       | 14.8       | 30.4            | 9.0             | 20.6                    | 21.3 | 22.0 | 21.9 | 21.3 | 19.9         | 77   | 2.1        | 7   | 126.2 | 34       |      |      |
| 10 Oct.    | 693.0               | 11.6                  | 16.5       | 6.7        | 23.2            | -0.5            | 13.4                    | 14.8 | 16.0 | 16.8 | 17.7 | 18.2         | 71   | 1.6        | 6   |       |          |      |      |
| 11 Nov.    | 694.4               | 7.3                   | 12.9       | 1.7        | 19.5            | -4.3            | 7.0                     | 9.0  | 10.2 | 11.5 | 13.1 | 14.9         | 68   | 1.5        | 5   |       |          |      |      |
| 12 Dec.    | 693.5               | 3.9                   | 9.8        | -2.0       | 16.9            | -6.3            | 1.9                     | 4.1  | 5.1  | 6.5  | 8.7  | 11.5         | 63   | 2.0        | 4   |       |          |      |      |
| 年 Year     | 691.0               | 10.6                  | 15.7       | 5.4        | 31.2            | -10.8           | 10.8                    | 11.7 |      | 12.6 | 12.5 | 12.4         | 67   | 2.3        | 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)<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.     | 3.0                        | 2.0        | 4           | 2   | 2     | 0     | 0    | 0    | 0             | 3.0                              | 9                           |                        |                       |
| 2 Feb.     | 40.5                       | 29.5       | 18          | 5   | 4     | 1     | 1    | 0    | 0             | 30.0                             | 11                          | 霜                      | Nov.26 '85            |
| 3 Mar.     | 123.0                      | 37.0       | 23          | 10  | 10    | 6     | 5    | 0    | 0             | 59.6                             | 12                          | 霜柱                     | Mar.18 '86            |
| 4 Apr.     | 69.0                       | 22.5       | 28          | 9   | 8     | 4     | 4    | 0    | 0             | 0.0                              | 0                           | Frost Colum.           | Nov.26 '85            |
| 5 May      | 159.0                      | 47.5       | 14          | 13  | 10    | 7     | 5    | 0    | 0             | 0.0                              | 0                           | 降雪                     | Apr.8 '86             |
| 6 June     | 121.0                      | 31.5       | 17          | 17  | 11    | 9     | 6    | 0    | 0             | 0.0                              | 0                           | Snow Fall              | Nov.26 '85            |
| 7 July     | 105.0                      | 18.5       | 9           | 18  | 15    | 8     | 3    | 0    | 0             | 0.0                              | 0                           | 積雪                     | Dec.9 '85             |
| 8 Aug.     | 155.5                      | 100.5      | 4           | 13  | 9     | 5     | 3    | 1    | 1             | 0.0                              | 0                           | Snow Cover             | Mar.28 '86            |
| 9 Sep.     | 218.0                      | 148.5      | 2           | 18  | 15    | 5     | 4    | 1    | 1             | 0.0                              | 0                           | 結氷                     | Dec.10 '85            |
| 10 Oct.    | 63.5                       | 33.0       | 7           | 9   | 7     | 2     | 2    | 0    | 0             | 0.0                              | 0                           | Ice                    | Mar.30 '86            |
| 11 Nov.    | 18.5                       | 11.0       | 9           | 4   | 4     | 1     | 1    | 0    | 0             | 0.0                              | 0                           |                        | Nov.14 '85            |
| 12 Dec.    | 83.0                       | 45.0       | 18          | 7   | 6     | 3     | 2    | 0    | 0             | 13.2                             | 3                           |                        | Apr.8 '86             |
| 年 Year     | 1,159.0                    | 148.5      | Sep.2       | 125   | 101   | 51    | 36   | 2    | 2             | 59.6                             | 35                          |                        |                       |

欠測月日 (Not Measured Date)

Pressure: Aug 5

Soil Temp.0.2m: Jan.27,28,29,30,31

Soil Temp.1.0m: Aug 18

Evaporation: Aug 4 Sep 2 Dec 18

Hours of Sunshine: Mar 7,24

1987年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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<br>/day | CI*     | Sun*<br>hrs<br>% | 平均<br>Mean |
| 1 Jan.     | 692.7               | 1.3                   | 7.5        | -4.8       | 14.4            | -9.5            | 0.2     | 2.2  | 2.8  | 4.0  | 5.8  | 8.5  | 60           | 2.3       | 2                  | 188.4   | 60               |            |
| 2 Feb.     | 691.3               | 2.1                   | 7.9        | -3.8       | 22.5            | -8.5            | 1.5     | 3.2  | 3.8  | 4.5  | 5.3  | 7.0  | 61           | 2.3       | 4                  | 171.6   | 56               |            |
| 3 Mar.     | 690.4               | 5.1                   | 11.2       | -0.9       | 20.7            | -8.8            | 4.4     | 5.5  | 6.2  | 6.5  | 6.3  | 7.0  | 62           | 2.6       | 6                  | 192.9   | 52               |            |
| 4 Apr.     | 692.0               | 10.5                  | 17.4       | 3.6        | 26.1            | -6.1            | 9.8     | 10.5 | 11.2 | 10.9 | 9.6  | 8.7  | 50           | 3.8       | 5                  | 221.5   | 56               |            |
| 5 May      | 690.6               | 15.1                  | 21.0       | 9.2        | 25.9            | 1.0             | 15.4    | 15.3 | 15.8 | 15.2 | 13.4 | 11.5 | 58           | 3.4       | 7                  | 167.0   | 40               |            |
| 6 June     | 688.3               | 18.7                  | 24.3       | 13.1       | 32.7            | 8.8             | 19.1    | 19.0 | 19.5 | 18.8 | 16.9 | 14.5 | 66           | 3.5       | 7                  | 169.9   | 39               |            |
| 7 July     | 687.3               | 23.0                  | 28.0       | 18.0       | 35.9            | 15.1            | 23.1    | 22.7 | 22.9 | 21.9 | 19.6 | 16.9 | 73           | 3.4       | 7                  | 149.6   | 34               |            |
| 8 Aug.     | 688.6               | 22.7                  | 27.5       | 17.9       | 31.7            | 15.0            | 23.6    | 23.8 | 24.2 | 23.5 | 21.8 | 19.2 | 74           | 3.1       | 7                  | 147.6   | 36               |            |
| 9 Sep.     | 691.4               | 18.1                  | 22.2       | 14.0       | 29.7            | 8.3             | 20.0    | 21.0 | 21.7 | 21.6 | 21.2 | 19.9 | 80           | 2.1       | 8                  | 111.0   | 30               |            |
| 10 Oct.    | 693.8               | 14.5                  | 19.5       | 9.5        | 25.4            | 5.1             | 15.6    | 16.6 | 17.5 | 18.0 | 18.5 | 18.5 | 74           | 1.7       | 6                  | 150.8   | 43               |            |
| 11 Nov.    | 694.6               | 7.9                   | 13.4       | 2.5        | 23.6            | -4.6            | 8.7     | 10.6 | 11.7 | 12.6 | 14.3 | 15.9 | 74           | 1.3       | 5                  | 153.2   | 50               |            |
| 12 Dec.    | 694.3               | 3.8                   | 9.5        | -2.0       | 17.6            | -7.4            | 2.1     | 4.5  | 5.5  | 6.8  | 9.1  | 12.1 | 65           | 1.9       | 4                  | 160.4   | 53               |            |
| 年 Year     | 691.3               | 11.9                  | 17.5       | 6.4        | 35.9            | -9.5            | 12.0    | 12.9 | 13.6 | 13.7 | 13.5 | 13.3 | 66           | 2.6       | 6                  | 1,983.9 | 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                   | 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) | No. of<br>Snow Days |                     |                    |
| 1 Jan.     | 34.5                       | 12.0       | 23          | 5  | 5     | 3     | 1    | 0    | 0             | 13.0                    | 6                   | 霜                   |                    |
| 2 Feb.     | 28.5                       | 11.0       | 2           | 7  | 4     | 3     | 1    | 0    | 0             | 17.0                    | 9                   | Frost               | Oct.18 '86         |
| 3 Mar.     | 84.5                       | 18.0       | 19          | 10   | 9     | 6     | 4    | 0    | 0             | 20.0                    | 7                   | 霜柱                  | Apr.1 '87          |
| 4 Apr.     | 15.5                       | 7.5        | 26          | 7  | 4     | 1     | 0    | 0    | 0             | 1.0                     | 1                   | Frost Colum.        | Dec.21 '86         |
| 5 May      | 103.0                      | 28.0       | 13          | 6  | 6     | 6     | 4    | 0    | 0             | 0.0                     | 0                   | 降雪                  | Apr.1 '87          |
| 6 June     | 108.0                      | 24.5       | 9           | 10   | 8     | 6     | 5    | 0    | 0             | 0.0                     | 0                   | Snow Fall           | Dec.27 '86         |
| 7 July     | 133.5                      | 29.0       | 15          | 16   | 15    | 9     | 4    | 0    | 0             | 0.0                     | 0                   | 積雪                  | Apr.12 '87         |
| 8 Aug.     | 106.0                      | 25.0       | 19          | 17   | 14    | 6     | 3    | 0    | 0             | 0.0                     | 0                   | Snow Cover          | Dec.29 '86         |
| 9 Sep.     | 254.0                      | 53.5       | 10          | 17   | 14    | 10    | 8    | 1    | 0             | 0.0                     | 0                   | 結氷                  | Apr.12 '87         |
| 10 Oct.    | 83.5                       | 38.0       | 16          | 11   | 9     | 3     | 2    | 0    | 0             | 0.0                     | 0                   | Ice                 | Nov.20 '86         |
| 11 Nov.    | 43.0                       | 19.0       | 4           | 10   | 7     | 3     | 1    | 0    | 0             | 0.0                     | 0                   |                     | Apr.14 '87         |
| 12 Dec.    | 32.0                       | 9.0        | 5           | 5  | 5     | 3     | 0    | 0    | 0             | 16.0                    | 7                   |                     |                    |
| 年 Year     | 1,026.0                    | 53.5       | Sep.10      | 121  | 100   | 59    | 33   | 1    | 0             | 20.0                    | 30                  |                     |                    |

欠測月日 (Not Measured Date)

Pressure: Jan 13 Feb 3,25 Mar 25 Oct 17 Dec 30

Humidity: Jan 6

Evaporation: Sep 10,24

Hours of Sunshine: May 10

1988年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1988

| 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 |
| 1 Jan.     | 691.5               | 2.7                   | 8.7        | -3.1       |                 | -8.1            | 1.1     | 3.1  | 3.9  |     | 5.0  | 6.7  | 9.3          | 60        | 2.1                | 3    | 180.9            | 58         |
| 2 Feb.     | 693.9               | -0.2                  | 5.9        | -6.4       | 15.4            | -10.7           | 0.1     | 2.1  | 2.7  |     | 3.7  | 5.3  | 7.6          | 57        | 2.2                | 5    | 187.0            | 59         |
| 3 Mar.     | 692.3               | 3.2                   | 8.7        | -2.3       | 18.9            | -8.5            | 3.2     | 4.5  | 5.2  |     | 5.7  | 5.9  | 7.0          | 65        | 2.1                | 6    | 171.4            | 46         |
| 4 Apr.     | 692.2               | 8.8                   | 15.0       | 2.6        | 24.5            | -3.6            | 8.0     | 8.4  | 8.9  |     | 8.8  | 7.7  | 7.5          | 64        | 2.7                | 6    | 181.5            | 46         |
| 5 May      | 689.9               | 13.7                  | 19.6       | 7.8        | 29.9            | 0.1             | 13.8    | 14.0 | 14.4 |     | 13.9 | 12.2 | 10.5         | 60        | 2.9                | 7    | 186.5            | 43         |
| 6 June     | 687.6               | 17.6                  | 22.0       | 13.2       | 28.0            | 8.9             | 18.7    | 18.6 | 18.8 |     | 17.9 | 15.9 | 13.5         | 79        | 2.1                | 8    | 116.2            | 27         |
| 7 July     | 687.7               | 18.6                  | 22.0       | 15.3       | 30.8            | 11.3            | 20.0    | 20.2 | 20.4 |     | 19.6 | 18.3 | 16.2         | 87        | 1.3                | 9    | 70.2             | 16         |
| 8 Aug.     | 688.2               | 22.1                  | 25.9       | 18.4       | 31.0            | 15.6            | 23.0    | 23.2 | 23.3 |     | 22.5 | 20.7 | 18.3         | 84        | 2.3                | 9    | 104.8            | 25         |
| 9 Sep.     | 690.2               | 17.7                  | 20.5       | 15.0       | 28.2            | 12.0            | 19.7    | 20.5 | 21.0 |     | 20.9 | 20.7 | 19.6         | 92        | 0.9                | 10   | 44.4             | 12         |
| 10 Oct.    | 691.4               | 11.8                  | 17.0       | 6.6        | 21.6            | -0.6            | 12.9    | 14.3 | 15.4 |     | 16.1 | 17.1 | 17.8         | 73        | 1.7                | 5    | 166.7            | 48         |
| 11 Nov.    | 691.0               | 5.9                   | 12.2       | -0.4       | 18.2            | -4.3            | 5.6     | 7.5  | 8.8  |     | 10.2 | 12.4 | 14.6         | 61        | 2.0                | 3    | 191.4            | 62         |
| 12 Dec.    | 693.1               | 3.1                   | 9.8        | -3.6       | 15.1            | -8.0            | 0.8     | 3.1  | 4.1  |     | 5.5  | 7.8  | 10.9         | 56        | 2.4                | 2    | 196.8            | 65         |
| 年 Year     | 690.8               | 10.4                  | 15.6       | 5.3        |                 | -10.7           | 10.6    | 11.6 | 12.2 |     | 12.5 | 12.6 | 12.7         | 70        | 2.1                | 6    | 1,797.8          | 40         |

\* 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) | No. of<br>Snow Days |                     |                    |
| 1 Jan.     | 19.0                       | 7.5        | 5           | 4   | 4     | 2     | 0    | 0    | 0             | 9.0                     | 4                   | 霜                   |                    |
| 2 Feb.     | 17.5                       | 9.0        | 26          | 3   | 3     | 1     | 0    | 0    | 0             | 15.4                    | 5                   | Frost               |                    |
| 3 Mar.     | 139.5                      | 28.0       | 22,26       | 13  | 11    | 7     | 5    | 0    | 0             | 24.5                    | 10                  | 霜柱                  |                    |
| 4 Apr.     | 93.0                       | 41.5       | 7           | 11  | 10    | 4     | 3    | 0    | 0             | 39.0                    | 4                   | Frost Colum.        |                    |
| 5 May      | 123.0                      | 31.5       | 7           | 14  | 13    | 6     | 3    | 0    | 0             | 0.0                     | 0                   | 降雪                  |                    |
| 6 June     | 214.0                      | 69.5       | 27          | 19  | 18    | 10    | 5    | 1    | 0             | 0.0                     | 0                   | Snow Fall           |                    |
| 7 July     | 144.5                      | 48.0       | 28          | 22  | 19    | 7     | 3    | 0    | 0             | 0.0                     | 0                   | 積雪                  |                    |
| 8 Aug.     | 328.0                      | 60.5       | 18          | 21  | 20    | 14    | 11   | 1    | 0             | 0.0                     | 0                   | Snow Cover          |                    |
| 9 Sep.     | 349.5                      | 70.5       | 25          | 25  | 24    | 14    | 10   | 2    | 0             | 0.0                     | 0                   | 結氷                  |                    |
| 10 Oct.    | 53.5                       | 27.5       | 5           | 8   | 7     | 2     | 2    | 0    | 0             | 0.0                     | 0                   | Ice                 |                    |
| 11 Nov.    | 35.5                       | 8.0        | 23,28       | 7   | 5     | 4     | 0    | 0    | 0             | 9.2                     | 2                   |                     |                    |
| 12 Dec.    | 1.0                        | 1.0        | 4           | 1   | 1     | 0     | 0    | 0    | 0             | 0.0                     | 0                   |                     |                    |
| 年 Year     | 1,518.0                    | 70.5       | Sep.25      | 148   | 135   | 71    | 42   | 4    | 0             | 39.0                    | 25                  |                     |                    |

欠測月日 (Not Measured Date)

Pressure: Jan 24 Feb 3,6,7 Mar 15 Apr 19,30 May 4,12,13,23 Jun 4,9,10 Nov 25,26,27

Max. Air Temp.: Jan 23

Evaporation: Apr 7 Aug 18,25

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| 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.     | 694.4               | 2.4                   | 8.3        | -2.9       | 15.6            | -7.6            | 1.7     | 3.2  | 3.7  |     | 4.6  | 6.0  | 8.3          | 69        | 1.6                | 5    | 153.1       | 49       |            |            |
| 2 Feb.     | 694.1               | 1.7                   | 7.5        | -3.4       | 12.1            | -8.3            | 1.7     | 3.2  | 3.8  |     | 4.5  | 5.4  | 7.1          | 76        | 1.5                | 5    | 143.5       | 47       |            |            |
| 3 Mar.     | 691.4               | 5.3                   | 10.3       | -2.2       | 16.6            | -8.5            | 4.1     | 5.4  | 6.0  |     | 6.5  | 6.3  | 6.9          | 68        | 2.3                | 5    | 186.8       | 50       |            |            |
| 4 Apr.     | 690.3               | 12.9                  | 17.5       | 4.0        | 22.7            | -1.4            | 10.0    | 10.7 | 11.3 |     | 11.0 | 9.6  | 8.5          | 54        | 3.7                | 4    | 229.0       | 58       |            |            |
| 5 May      | 690.2               | 14.5                  | 18.3       | 7.5        | 23.6            | 3.4             | 13.8    | 14.0 | 14.5 |     | 14.1 | 12.8 | 11.2         | 74        | 2.2                | 8    | 153.6       | 35       |            |            |
| 6 June     | 689.1               | 17.1                  | 20.4       | 11.8       | 27.6            | 7.3             | 17.3    | 17.3 | 17.6 |     | 16.9 | 15.3 | 13.4         | 80        | 2.1                | 9    | 121.7       | 28       |            |            |
| 7 July     | 690.7               | 20.2                  | 23.3       | 15.1       | 29.3            | 10.2            | 20.7    | 20.5 | 20.7 |     | 19.8 | 17.9 | 15.6         | 84        | 1.9                | 8    | 102.6       | 23       |            |            |
| 8 Aug.     | 688.1               | 23.1                  | 26.5       | 17.3       | 30.0            | 15.0            | 23.2    | 23.3 | 23.6 |     | 22.9 | 21.4 | 19.0         | 80        | 3.0                | 8    | 150.7       | 36       |            |            |
| 9 Sep.     | 690.1               | 20.4                  | 24.1       | 15.3       | 29.7            | 9.5             | 21.3    | 21.9 | 22.5 |     | 22.2 | 21.6 | 20.1         | 83        | 2.3                | 8    | 116.3       | 31       |            |            |
| 10 Oct.    |                     | 10.8                  | 15.8       | 6.5        | 19.9            | 0.3             | 13.3    | 13.7 | 14.6 |     | 15.9 | 17.0 |              | 90        |                    |      | 163.9       | 47       | 0.7        | 6.1        |
| 11 Nov.    |                     | 7.4                   | 13.4       | 3.6        | 19.3            | -2.3            | 8.8     | 9.4  | 10.8 |     | 12.3 | 14.3 | 15.7         | 82        |                    |      | 151.2       | 49       | 0.9        | 8.3        |
| 12 Dec.    |                     | 1.9                   | 8.4        | -2.1       | 18.1            | -6.4            | 3.1     | 3.8  | 5.7  |     | 7.7  | 10.9 | 13.4         | 75        |                    |      | 157.6       | 52       | 1.0        | 6.7        |
| 年 Year     |                     | 11.5                  | 16.2       | 5.9        | 30.0            | -8.5            | 11.6    | 12.2 | 12.9 |     | 13.2 | 13.2 |              | 76        |                    |      | 1,830.0     | 41       |            |            |

\* 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.     | 75.5                       | 30.0       | 23          | 11   | 11    | 4     | 2    | 0    | 0             | 45.0                             | 9                           |                        |                       |
| 2 Feb.     | 144.0                      | 47.5       | 25          | 11   | 11    | 7     | 4    | 0    | 0             | 15.0                             | 9                           | 霜                      |                       |
| 3 Mar.     | 117.0                      | 21.5       | 7           | 13   | 12    | 8     | 6    | 0    | 0             | 44.0                             | 8                           | 霜柱                     |                       |
| 4 Apr.     | 139.5                      | 39.5       | 23          | 10   | 10    | 8     | 6    | 0    | 0             | 0.0                              | 0                           | 降雪                     | Nov.27 '88            |
| 5 May      | 167.0                      | 42.0       | 25          | 18   | 14    | 10    | 5    | 0    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 150.5                      | 39.5       | 16          | 16   | 14    | 11    | 6    | 0    | 0             | 0.0                              | 0                           | 積雪                     | Nov.28 '88            |
| 7 July     | 277.5                      | 84.5       | 29          | 19   | 17    | 14    | 8    | 1    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 326.5                      | 76.0       | 5           | 14   | 14    | 10    | 8    | 3    | 0             | 0.0                              | 0                           | 積雪                     | Nov.29 '88            |
| 9 Sep.     | 201.5                      | 64.5       | 19          | 16   | 14    | 7     | 5    | 1    | 0             | 0.0                              | 0                           | 結氷                     | Mar.12 '89            |
| 10 Oct.    | 189.5                      | 49.0       | 7           | 17   | 12    | 8     | 6    | 0    | 0             | 0.0                              | 0                           | Ice                    | Nov.12 '88            |
| 11 Nov.    | 17.0                       | 4.5        | 13          | 9  | 7     | 0     | 0    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 11.5                       | 7.5        | 24          | 3  | 2     | 1     | 0    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 1,817.0                    | 84.5       | July 29     | 157  | 138   | 88    | 56   | 5    | 0             | 45.0                             | 26                          |                        |                       |

欠測月日 (Not Measured Date)

Pressure: Feb 9,10 Mar 14,25 Apr 16,24 May 14,26 Jun 17 Aug 6,28

Soil Temp.0.0m: Jun 5

Soil Temp.0.2m: Apr 23

Evaporation: Mar 5 May 25 Jun 16 Jul 29 Aug 5,6,27 Sep 3,19

Precipitation: Jan 6

1990年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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>最高<br>Max. | 極<br>最低<br>Min. | Soil Temperature (Mean) |      |      |     |      |              | Hum* | Eva*       | CI* | Sun*    | 平均       | 最大   |      |
|            |                     |                       |            |            |                 | 0.0             | 0.1                     | 0.2  | 0.3  | 0.5 | 1.0  | 2.0m<br>deep | %    | mm<br>/day |     | hrs     | %        | Mean | Max. |
| 1 Jan.     |                     | -1.0                  | 5.6        | -5.6       | 12.4            | -10.5           | 0.7                     | 1.3  | 3.1  |     | 4.9  | 8.2          | 11.1 | 70         |     | 165.1   | 53       | 1.1  | 12.8 |
| 2 Feb.     |                     | 2.0                   | 6.4        | -1.2       | 17.0            | -7.8            | 3.1                     | 3.1  | 3.9  |     | 4.3  | 6.3          | 9.0  | 91         |     | 92.5    | 30       | 0.6  | 13.6 |
| 3 Mar.     |                     | 4.2                   | 10.9       | -0.6       | 18.4            | -4.3            | 5.6                     | 5.5  | 6.2  |     | 6.2  | 6.6          | 8.0  | 72         |     | 205.9   | 56       | 1.1  | 6.9  |
| 4 Apr.     |                     | 9.0                   | 14.8       | 3.7        | 20.7            | -1.3            | 9.6                     | 9.1  | 9.2  |     | 8.4  | 8.1          | 8.0  | 76         |     | 186.4   | 47       |      |      |
| 5 May      |                     | 13.5                  | 19.5       | 8.5        | 25.2            | 3.2             | 15.4                    | 14.6 | 14.0 |     | 12.6 | 10.8         | 9.6  | 82         |     | 178.9   | 41       | 0.8  | 8.3  |
| 6 June     |                     | 18.5                  | 23.5       | 14.2       | 32.6            | 9.2             | 20.0                    | 19.2 | 18.4 |     | 16.7 | 13.8         | 10.4 | 88         |     | 146.0   | 34       | 0.7  | 5.6  |
| 7 July     |                     | 20.9                  | 26.3       | 17.3       | 34.9            | 12.5            | 22.2                    | 21.4 | 20.5 |     | 18.7 | 16.3         | 11.5 | 90         |     | 152.4   | 35       | 0.7  | 8.1  |
| 8 Aug.     |                     | 23.1                  | 29.1       | 18.7       | 33.3            | 13.9            | 24.5                    | 24.0 | 23.1 |     | 21.6 | 19.6         | 14.5 | 87         |     | 215.7   | 52       | 0.8  | 18.1 |
| 9 Sep.     |                     | 18.9                  | 23.9       | 15.0       | 33.4            | 10.2            | 20.1                    | 20.4 | 20.5 |     | 20.4 | 19.6         | 16.6 | 90         |     | 133.3   | 36       | 0.7  | 18.1 |
| 10 Oct.    |                     | 12.7                  | 17.5       | 8.8        | 24.1            | 3.4             | 14.4                    | 14.9 | 15.2 |     | 16.2 | 17.2         | 15.0 | 93         |     | 134.3   | 39       | 0.6  | 4.4  |
| 11 Nov.    |                     | 8.3                   | 15.1       | 3.8        | 21.1            | -1.9            | 9.6                     | 10.1 | 11.0 |     | 12.4 | 14.5         | 14.0 | 85         |     | 169.5   | 55       | 0.8  | 7.5  |
| 12 Dec.    |                     | 3.5                   | 10.9       | -0.8       | 20.3            | -4.4            | 4.4                     | 5.1  | 6.5  |     | 8.3  | 11.1         | 11.6 | 70         |     | 193.5   | 64       | 1.2  | 14.4 |
| 年 Year     |                     | 11.1                  | 16.9       | 6.8        | 34.9            | -10.5           | 12.5                    | 12.4 | 12.6 |     | 12.6 | 12.7         | 11.6 | 83         |     | 1,973.5 | 44       |      |      |

\* 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.     | 27.0                       | 10.5       | 16          | 6   | 5     | 2     | 1    | 0    | 0             | 13.0                             | 4                           | 霜                      |                       |
| 2 Feb.     | 103.0                      | 24.5       | 1,11        | 15  | 13    | 7     | 4    | 0    | 0             | 39.0                             | 5                           | Frost                  |                       |
| 3 Mar.     | 97.0                       | 24.0       | 31          | 12  | 10    | 5     | 4    | 0    | 0             | 5.5                              | 1                           | 霜柱                     |                       |
| 4 Apr.     | 120.5                      | 20.0       | 8,15        | 18  | 12    | 8     | 6    | 0    | 0             | 1.0                              | 1                           | Frost Colum.           |                       |
| 5 May      | 51.5                       | 11.5       | 5           | 11  | 8     | 5     | 1    | 0    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 62.5                       | 11.5       | 16          | 18  | 13    | 6     | 1    | 0    | 0             | 0.0                              | 0                           | Snow Fall              |                       |
| 7 July     | 80.0                       | 24.0       | 26          | 18  | 10    | 6     | 2    | 0    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 240.0                      | 208.0      | 10          | 2   | 2     | 2     | 2    | 1    | 1             | 0.0                              | 0                           | Snow Cover             |                       |
| 9 Sep.     | 307.5                      | 125.0      | 30          | 6   | 6     | 6     | 4    | 3    | 1             | 0.0                              | 0                           | 結氷                     |                       |
| 10 Oct.    | 140.5                      | 52.0       | 8           | 17  | 14    | 7     | 4    | 1    | 0             | 0.0                              | 0                           | Ice                    |                       |
| 11 Nov.    | 240.5                      | 113.0      | 30          | 10  | 9     | 5     | 5    | 1    | 1             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 22.5                       | 20.5       | 11          | 4   | 2     | 1     | 1    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 1,492.5                    | 208.0      | Aug.10      | 137   | 104   | 60    | 35   | 6    | 3             | 39.0                             | 11                          |                        |                       |

欠測月日 (Not Measured Date)

Mean Air Temp.: Sep 30 Oct 6

1991年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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. | Soil Temperature (Mean) |      |      |     |      |              | Hum* | Eva*       | CI* | Sun*    | 平均       | 最大   |      |
|            |                     |                       |            |            |                 | 0.0             | 0.1                     | 0.2  | 0.3  | 0.5 | 1.0  | 2.0m<br>deep | %    | mm<br>/day |     | hrs     | %        | Mean | Max. |
| 1 Jan.     |                     | -0.1                  | 6.7        | -4.5       | 11.8            | -10.0           | 1.3                     | 2.0  | 3.6  |     | 5.4  | 8.6          | 9.7  | 68         |     | 183.8   | 59       | 0.2  | 6.9  |
| 2 Feb.     |                     | -0.4                  | 6.4        | -5.2       | 12.2            | -9.0            | 1.1                     | 1.6  | 2.8  |     | 4.0  | 6.7          | 8.1  | 62         |     | 200.1   | 65       | 0.5  | 10.3 |
| 3 Mar.     |                     | 4.0                   | 9.9        | -0.2       | 18.2            | -5.6            | 5.3                     | 5.3  | 5.5  |     | 5.6  | 6.6          | 7.2  | 83         |     | 160.0   | 43       | 0.8  | 4.7  |
| 4 Apr.     |                     | 9.9                   | 15.5       | 5.5        | 24.2            | -1.4            | 11.1                    | 10.9 | 10.3 |     | 9.4  | 8.5          | 7.5  | 85         |     | 166.7   | 42       | 1.0  | 8.1  |
| 5 May      |                     | 13.7                  | 19.9       | 8.6        | 27.7            | -1.7            | 14.9                    | 14.6 | 13.9 |     | 12.8 | 11.4         | 9.1  | 81         |     | 204.8   | 47       | 1.2  | 6.9  |
| 6 June     |                     | 18.4                  | 22.9       | 14.9       | 32.4            | 9.5             | 19.4                    | 18.9 | 17.8 |     | 16.5 | 14.5         | 11.3 | 91         |     | 127.1   | 29       | 0.9  | 5.8  |
| 7 July     |                     | 20.7                  | 25.5       | 17.4       | 33.6            | 14.8            | 21.7                    | 21.2 | 20.3 |     | 19.1 | 17.1         | 13.3 | 93         |     | 113.3   | 26       | 0.8  | 5.3  |
| 8 Aug.     |                     | 20.6                  | 24.8       | 17.5       | 30.3            | 14.5            | 22.4                    | 22.1 | 21.4 |     | 20.6 | 19.0         | 13.8 | 95         |     | 122.8   | 30       | 0.7  | 4.4  |
| 9 Sep.     |                     | 18.2                  | 22.0       | 15.5       | 29.0            | 10.6            | 19.8                    | 19.8 | 19.6 |     | 19.8 | 19.5         | 13.7 | 96         |     | 87.8    | 24       | 0.6  | 9.4  |
| 10 Oct.    |                     | 12.2                  | 15.8       | 9.3        | 23.1            | 3.7             | 14.0                    | 14.3 | 14.7 |     | 15.7 | 16.9         | 14.3 | 96         |     | 90.4    | 26       | 0.5  | 13.3 |
| 11 Nov.    |                     | 6.4                   | 12.6       | 2.2        | 17.7            | -1.7            | 8.6                     | 9.1  | 10.3 |     | 11.8 | 14.2         | 13.8 | 86         |     | 168.6   | 55       | 0.8  | 12.8 |
| 12 Dec.    |                     | 2.6                   | 8.9        | -1.4       | 15.3            | -6.6            | 4.5                     | 5.0  | 6.6  |     | 8.4  | 11.3         | 12.1 | 84         |     | 149.1   | 49       | 0.9  | 17.8 |
| 年 Year     |                     | 10.5                  | 15.9       | 6.6        | 33.6            | -10.0           | 12.0                    | 12.1 | 12.2 |     | 12.4 | 12.9         | 11.2 | 85         |     | 1,774.5 | 40       | 0.7  | 17.8 |

\* 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.     | 35.5                       | 27.0       | 21          | 6  | 5     | 1     | 1    | 0    | 0                                | 30.0                        | 2                      | 霜                     |
| 2 Feb.     | 35.0                       | 23.5       | 15          | 6  | 3     | 2     | 1    | 0    | 0                                | 0.0                         | 0                      | Frost                 |
| 3 Mar.     | 105.5                      | 45.0       | 23          | 14   | 7     | 6     | 3    | 0    | 0                                | 2.0                         | 1                      | 霜柱                    |
| 4 Apr.     | 82.0                       | 34.0       | 7           | 16   | 12    | 4     | 3    | 0    | 0                                | 0.0                         | 0                      | Frost Colum.          |
| 5 May      | 43.5                       | 14.0       | 12,31       | 12   | 7     | 3     | 2    | 0    | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 143.5                      | 27.5       | 16          | 18   | 15    | 8     | 6    | 0    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 109.5                      | 19.5       | 1           | 19   | 15    | 9     | 4    | 0    | 0                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 260.0                      | 96.5       | 20          | 20   | 20    | 12    | 6    | 2    | 0                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 273.0                      | 80.0       | 19          | 18   | 15    | 10    | 8    | 1    | 0                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 390.0                      | 80.0       | 11          | 15   | 14    | 13    | 12   | 2    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 48.5                       | 38.5       | 28          | 7  | 3     | 2     | 1    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 32.0                       | 9.0        | 25          | 15   | 7     | 2     | 0    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 1,558.0                    | 96.5       | Aug.20      | 166  | 123   | 72    | 47   | 5    | 0                                | 30.0                        | 3                      |                       |

欠測月日 (Not Measured Date)

Max Wind Velocity: Feb 24,25

1992年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1992

| 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.     |                     | 0.5                   | 7.3        | -3.7       | 13.7            | -7.9            | 1.8     | 2.3  | 3.8  |     | 5.4  | 8.5  | 10.2         | 77        |                    |      | 181.2            | 58         | 0.8        | 5.6 |
| 2 Feb.     |                     | 0.6                   | 7.8        | -4.5       | 14.7            | -7.8            | 2.3     | 2.6  | 3.6  |     | 4.7  | 7.0  | 8.6          | 69        |                    |      | 162.9            | 51         |            |     |
| 3 Mar.     |                     | 3.8                   | 9.2        | -0.1       | 17.3            | -5.3            | 4.8     | 4.9  | 5.4  |     | 5.7  | 6.9  | 7.5          | 88        |                    |      | 59.1             | 16         |            |     |
| 4 Apr.     |                     | 9.1                   | 15.6       | 3.6        | 24.8            | -1.6            | 9.9     | 9.8  | 9.3  |     | 8.5  | 7.9  | 7.2          | 79        |                    |      | 28.0             | 7          |            |     |
| 5 May      |                     | 11.5                  | 16.8       | 6.9        | 23.5            | 1.1             | 13.1    | 13.0 | 12.4 |     | 11.8 | 10.6 | 8.8          | 85        |                    |      | 87.1             | 20         |            |     |
| 6 June     |                     | 15.6                  | 19.6       | 12.3       | 25.6            | 8.4             | 16.9    | 16.6 | 15.6 |     | 14.7 | 13.1 | 10.5         | 93        |                    |      | 123.3            | 28         |            |     |
| 7 July     |                     | 20.7                  | 26.1       | 16.5       | 32.5            | 12.9            | 21.3    | 20.9 | 19.6 |     | 18.1 | 15.7 | 12.2         | 90        |                    |      | 177.2            | 40         |            |     |
| 8 Aug.     |                     | 21.1                  | 25.7       | 17.5       | 31.9            | 12.7            | 22.4    | 22.2 | 21.4 |     | 20.6 | 18.6 | 14.7         | 93        |                    |      | 152.5            | 37         |            |     |
| 9 Sep.     |                     | 17.1                  | 22.6       | 12.8       | 31.6            | 4.1             | 20.0    | 20.1 | 20.0 |     | 20.0 | 19.0 | 16.4         | 90        |                    |      | 170.9            | 46         |            |     |
| 10 Oct.    |                     | 11.4                  | 16.5       | 7.4        | 24.4            | 1.5             | 14.0    | 14.2 | 14.6 |     | 15.4 | 16.3 | 15.4         | 93        |                    |      | 146.8            | 42         |            |     |
| 11 Nov.    |                     | 6.5                   | 13.0       | 2.1        | 19.5            | -3.8            | 9.1     | 9.5  | 10.5 |     | 11.8 | 13.7 | 14.1         | 88        |                    |      | 158.1            | 51         |            |     |
| 12 Dec.    |                     | 2.4                   | 9.0        | -1.8       | 14.9            | -6.0            | 4.6     | 5.0  | 6.5  |     | 8.0  | 10.7 | 12.2         | 80        |                    |      | 113.0            | 37         |            |     |
| 年 Year     |                     | 10.0                  | 15.8       | 5.8        | 32.5            | -7.9            | 11.7    | 11.8 | 11.9 |     | 12.0 | 12.3 | 11.5         | 86        |                    |      | 1,560.1          | 35         |            |     |

\* 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) | No. of<br>Snow Days |                     |                    |
| 1 Jan.     | 29.0                       | 14.5       | 31          | 4  | 4     | 2     | 2    | 0    | 0             | 7.0                     | 1                   | 霜                   |                    |
| 2 Feb.     | 17.0                       | 13.5       | 1           | 3  | 2     | 1     | 1    | 0    | 0             | 27.0                    | 1                   | Frost               |                    |
| 3 Mar.     | 150.5                      | 31.0       | 18          | 18   | 13    | 10    | 6    | 0    | 0             | 42.0                    | 3                   | 霜柱                  |                    |
| 4 Apr.     | 138.5                      | 28.5       | 30          | 19   | 13    | 8     | 5    | 0    | 0             | 0.0                     | 0                   | Frost Colum.        |                    |
| 5 May      | 106.5                      | 21.0       | 30          | 17   | 13    | 8     | 5    | 0    | 0             | 0.0                     | 0                   | 降雪                  |                    |
| 6 June     | 170.5                      | 38.5       | 20          | 12   | 11    | 10    | 6    | 0    | 0             | 0.0                     | 0                   | Snow Fall           |                    |
| 7 July     | 91.0                       | 34.5       | 24          | 15   | 13    | 7     | 2    | 0    | 0             | 0.0                     | 0                   | 積雪                  |                    |
| 8 Aug.     | 95.5                       | 41.5       | 11          | 16   | 12    | 4     | 2    | 0    | 0             | 0.0                     | 0                   | Snow Cover          |                    |
| 9 Sep.     | 47.5                       | 20.0       | 30          | 9  | 7     | 4     | 1    | 0    | 0             | 0.0                     | 0                   | 結氷                  |                    |
| 10 Oct.    | 225.0                      | 57.5       | 20          | 15   | 13    | 8     | 6    | 1    | 0             | 0.0                     | 0                   | Ice                 |                    |
| 11 Nov.    | 81.5                       | 44.5       | 20          | 8  | 7     | 4     | 3    | 0    | 0             | 0.0                     | 0                   |                     |                    |
| 12 Dec.    | 34.5                       | 18.5       | 8           | 10   | 5     | 2     | 1    | 0    | 0             | 0.0                     | 0                   |                     |                    |
| 年 Year     | 1,187.0                    | 57.5       | Oct.20      | 146  | 113   | 68    | 40   | 1    | 0             | 42.0                    | 5                   |                     |                    |

欠測月日 (Not Measured Date)

1993年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1993

| 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. | 2.0     | 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.     |                     | 0.1                   | 5.2        | -3.3       | 12.1            | -7.8            | 2.2     | 2.6  | 4.0  |     | 5.5  | 8.2  | 10.1         | 84        |                    |      |             |          | 0.8        | 25.6       |
| 2 Feb.     |                     | 1.5                   | 8.2        | -3.5       | 17.6            | -7.5            | 2.8     | 3.0  | 3.8  |     | 4.5  | 6.5  | 8.3          | 69        |                    |      |             |          | 1.4        | 41.7       |
| 3 Mar.     |                     | 2.7                   | 9.2        | -2.1       | 16.7            | -6.4            | 5.1     | 5.2  | 5.4  |     | 5.6  | 6.6  | 7.6          | 76        |                    |      |             |          | 1.1        | 8.9        |
| 4 Apr.     |                     | 7.9                   | 15.2       | 1.9        | 24.7            | -4.0            | 9.0     | 9.0  | 8.7  |     | 8.2  | 8.0  | 7.9          | 72        |                    |      |             |          | 1.4        | 15.3       |
| 5 May      |                     | 13.2                  | 19.7       | 7.5        | 32.7            | 1.0             |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 6 June     |                     | 16.6                  | 20.9       | 13.2       | 29.4            | 7.9             | 18.0    | 17.8 | 16.7 |     | 15.6 | 13.6 | 11.4         | 93        |                    |      |             |          | 0.7        | 5.8        |
| 7 July     |                     | 18.0                  | 20.9       | 15.8       | 30.6            | 12.6            | 18.6    | 18.4 | 17.6 |     | 17.0 | 15.6 | 13.3         | 97        |                    |      |             |          | 0.7        | 10.3       |
| 8 Aug.     |                     | 19.6                  | 23.4       | 16.9       | 29.1            | 14.1            | 20.6    | 20.4 | 19.6 |     | 18.8 | 17.3 | 14.7         | 96        |                    |      |             |          | 0.9        | 35.3       |
| 9 Sep.     |                     | 16.8                  | 20.7       | 13.8       | 28.7            | 6.0             | 18.8    | 18.8 | 18.7 |     | 18.8 | 18.4 | 16.3         | 95        |                    |      |             |          | 1.0        |            |
| 10 Oct.    |                     | 10.9                  | 16.3       | 6.9        | 21.7            | -0.3            | 14.2    | 14.4 | 14.9 |     | 15.6 | 16.4 | 15.7         | 91        |                    |      |             |          | 1.2        |            |
| 11 Nov.    |                     | 8.1                   | 14.2       | 3.8        | 21.8            | -2.6            | 10.5    | 10.7 | 11.6 |     | 12.5 | 13.9 | 14.3         | 84        |                    |      |             |          | 0.9        |            |
| 12 Dec.    |                     | 2.3                   | 8.9        | -1.9       | 17.9            | -6.6            | 4.7     | 5.1  | 6.8  |     | 8.4  | 11.1 | 12.7         | 80        |                    |      |             |          | 1.2        | 15.3       |
| 年 Year     |                     | 9.8                   | 15.2       | 5.7        | 32.7            | -7.8            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |

\* 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 | >=100<br>(mm) |                                  |                             |                        |                       |
| 1 Jan.     | 100.0                      | 24.0       | 7,25        | 16  | 11    | 6     | 4    | 0    | 0             | 20.0                             | 4                           |                        |                       |
| 2 Feb.     | 38.5                       | 16.5       | 17          | 9   | 6     | 2     | 2    | 0    | 0             | 2.0                              | 2                           |                        | 霜                     |
| 3 Mar.     | 38.5                       | 12.5       | 28          | 12  | 9     | 3     | 1    | 0    | 0             | 2.0                              | 1                           |                        | 霜柱                    |
| 4 Apr.     | 45.5                       | 11.0       | 28          | 10  | 8     | 4     | 2    | 0    | 0             | 0.0                              | 0                           |                        | 霜柱 Colum.             |
| 5 May      | 115.5                      | 42.5       | 14          | 8   | 7     | 4     | 3    | 0    | 0             | 0.0                              | 0                           |                        | 降雪                    |
| 6 June     | 4.0                        | 3.0        | 3           | 2   | 2     | 0     | 0    | 0    | 0             | 0.0                              | 0                           |                        | Snow Fall             |
| 7 July     | 215.0                      | 41.5       | 25          | 24  | 18    | 8     | 8    | 0    | 0             | 0.0                              | 0                           |                        | 積雪                    |
| 8 Aug.     | 281.0                      | 114.5      | 28          | 18  | 12    | 8     | 7    | 1    | 1             | 0.0                              | 0                           |                        | Snow Cover            |
| 9 Sep.     | 260.0                      | 60.0       | 4           | 13  | 11    | 10    | 8    | 2    | 0             | 0.0                              | 0                           |                        | 結氷                    |
| 10 Oct.    | 113.5                      | 61.5       | 8           | 10  | 8     | 4     | 3    | 1    | 0             | 0.0                              | 0                           |                        | Ice                   |
| 11 Nov.    | 82.0                       | 61.0       | 13          | 6   | 5     | 3     | 1    | 1    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 34.5                       | 16.0       | 10          | 5   | 5     | 3     | 1    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     | 1,328.0                    | 114.5      | Aug,28      | 133   | 102   | 55    | 40   | 5    | 1             | 20.0                             | 7                           |                        |                       |

欠測月日 (Not Measured Date)

Soil Temp.0.0m/0.1m/0.2m/0.5m/1.0m/2.0m: Jun 1,2,3,4 Jul 28,29

Humidity: Jun 1,2,3,4 Jul 28,29

Mean Wind Velocity: Jun 1,2,3,4 Jul 28,29 Oct 3,4

Max Wind Velocity: Jun 1,2,3,4 Jul 28,29,31 Aug 29



1994年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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>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.     |                     | -0.7                  | 5.6        | -5.2       | 11.4            | -9.8            | 2.0     | 2.4  | 4.1  |     | 5.5  | 8.3  | 10.4         | 80        |                    |      |             |          |            |            |
| 2 Feb.     |                     | 0.1                   | 6.9        | -4.6       | 12.9            | -8.7            | 1.8     | 2.1  | 3.1  |     | 4.1  | 6.5  | 8.6          | 69        |                    |      |             |          |            |            |
| 3 Mar.     |                     | 1.8                   | 8.5        | -3.1       | 18.5            | -7.0            | 4.5     | 4.5  | 4.5  |     | 4.8  | 6.1  | 7.5          | 81        |                    |      |             |          |            |            |
| 4 Apr.     |                     | 10.4                  | 17.8       | 4.1        | 23.8            | -3.2            | 11.2    | 10.8 | 9.5  |     | 8.6  | 7.9  | 7.7          | 75        |                    |      |             |          |            |            |
| 5 May      |                     | 14.1                  | 20.0       | 9.1        | 25.7            | 4.1             | 15.5    | 15.1 | 13.7 |     | 12.7 | 11.2 | 9.7          | 86        |                    |      |             |          |            |            |
| 6 June     |                     | 17.2                  | 21.6       | 13.2       | 30.5            | 8.2             | 18.4    | 18.1 | 16.9 |     | 15.9 | 14.0 | 11.9         | 92        |                    |      |             |          |            |            |
| 7 July     |                     | 23.0                  | 28.1       | 19.0       | 33.8            | 17.0            | 23.5    | 22.9 | 21.3 |     | 19.7 | 17.1 | 14.1         | 92        |                    |      |             |          |            |            |
| 8 Aug.     |                     | 23.1                  | 29.2       | 18.8       | 33.3            | 15.2            | 24.6    | 24.3 | 23.0 |     | 22.1 | 19.8 | 16.7         | 91        |                    |      |             |          |            |            |
| 9 Sep.     |                     | 18.9                  | 23.4       | 15.6       | 29.7            | 9.4             | 21.2    | 21.2 | 20.9 |     | 20.7 | 19.7 | 17.4         | 94        |                    |      |             |          |            |            |
| 10 Oct.    |                     | 13.6                  | 17.4       | 10.7       | 23.6            | 3.5             | 16.4    | 16.7 | 17.2 |     | 17.7 | 18.0 | 17.0         | 96        |                    |      |             |          |            |            |
| 11 Nov.    |                     | 7.1                   | 13.4       | 2.9        | 20.2            | -2.2            | 10.4    | 11.0 | 12.6 |     | 13.7 | 15.4 | 15.8         | 89        |                    |      |             |          |            |            |
| 12 Dec.    |                     | 2.9                   | 9.7        | -1.8       | 15.0            | -7.3            | 4.8     | 5.4  | 7.7  |     | 9.3  | 12.1 | 13.8         | 77        |                    |      |             |          |            |            |
| 年 Year     |                     | 10.9                  | 16.8       | 6.6        | 33.8            | -9.8            | 12.9    | 12.9 | 12.9 |     | 12.9 | 13.0 | 12.6         | 85        |                    |      |             |          |            |            |

\* 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.     | 45.0                       | 23.0       | 17  | 14    | 11    | 1     | 1    | 0    | 0                                | 19.0                        | 5                      | 霜                     |
| 2 Feb.     | 48.5                       | 19.5       | 21  | 8     | 5     | 3     | 2    | 0    | 0                                | 25.0                        | 3                      | Frost                 |
| 3 Mar.     | 89.5                       | 38.0       | 23  | 11    | 9     | 4     | 3    | 0    | 0                                | 8.0                         | 3                      | 霜柱                    |
| 4 Apr.     | 43.5                       | 10.0       | 12  | 11    | 9     | 3     | 1    | 0    | 0                                | 0.0                         | 1                      | Frost Colum.          |
| 5 May      | 63.5                       | 13.0       | 26  | 7     | 6     | 6     | 4    | 0    | 0                                | 0.0                         | 0                      | 降雪                    |
| 6 June     | 96.0                       | 37.5       | 19  | 17    | 11    | 6     | 3    | 0    | 0                                | 0.0                         | 0                      | Snow Fall             |
| 7 July     | 123.0                      | 35.0       | 18  | 15    | 11    | 6     | 4    | 0    | 0                                | 0.0                         | 0                      | 積雪                    |
| 8 Aug.     | 78.0                       | 24.5       | 22  | 9     | 8     | 5     | 3    | 0    | 0                                | 0.0                         | 0                      | Snow Cover            |
| 9 Sep.     | 224.0                      | 45.0       | 29  | 20    | 18    | 11    | 6    | 0    | 0                                | 0.0                         | 0                      | 結氷                    |
| 10 Oct.    | 116.5                      | 39.0       | 21  | 14    | 11    | 6     | 4    | 0    | 0                                | 0.0                         | 0                      | Ice                   |
| 11 Nov.    | 14.5                       | 6.5        | 22  | 8     | 4     | 1     | 0    | 0    | 0                                | 0.0                         | 0                      |                       |
| 12 Dec.    | 23.5                       | 9.5        | 13,27   | 5     | 4     | 2     | 0    | 0    | 0                                | 0.0                         | 0                      |                       |
| 年 Year     | 965.5                      | 45.0       | Sep.29  | 139   | 107   | 54    | 31   | 0    | 0                                | 25.0                        | 12                     |                       |

欠測月日 (Not Measured Date)

Mean Air Temp.: May 7,8,9,10,11

Humidity: May 7,8,9,10,11

Max. Air Temp.: May 7,8,9,10,11

Min. Air Temp.: May 7,8,9,10,11

Soil Temp. 0.0m/0.1m/0.2m/0.5m/1.0m/2.0m: May 7,8,9,10,11

Precipitation: May 7,8,9,10,11

1995年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1995

| 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. | 2.0     | 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.     |                     | -0.3                  | 6.3        | -5.2       | 12.3            | -9.3            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 2 Feb.     |                     | 0.3                   | 6.8        | -5.0       | 12.0            | -7.9            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 3 Mar.     |                     |                       |            |            |                 |                 |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 4 Apr.     |                     | 9.3                   | 16.2       | 3.5        | 24.7            | -3.1            | 10.9    | 10.5 | 9.4  |     | 8.7  | 8.1  | 8.3          |           |                    |      |             |          |            |            |
| 5 May      |                     | 13.8                  | 19.5       | 9.0        | 26.1            | 5.4             | 15.7    | 15.2 | 13.8 |     | 12.8 | 11.2 | 10.0         |           |                    |      |             |          |            |            |
| 6 June     |                     | 15.4                  | 18.8       | 12.5       | 24.4            | 7.0             | 17.4    | 17.0 | 15.8 |     | 14.9 | 13.4 | 11.8         |           |                    |      |             |          |            |            |
| 7 July     |                     | 21.0                  | 25.3       | 17.7       | 32.6            | 15.4            | 21.8    | 21.3 | 19.8 |     | 18.4 | 16.1 | 13.7         |           |                    |      |             |          |            |            |
| 8 Aug.     |                     | 23.5                  | 29.9       | 18.8       | 34.2            | 15.8            | 25.0    | 24.5 | 23.0 |     | 21.7 | 19.0 | 16.1         |           |                    |      |             |          |            |            |
| 9 Sep.     |                     | 17.0                  | 22.2       | 13.1       | 28.6            | 6.6             | 19.7    | 19.6 | 19.4 |     | 19.5 | 18.9 | 17.1         |           |                    |      |             |          |            |            |
| 10 Oct.    |                     | 12.6                  | 18.6       | 8.3        | 25.8            | 1.7             | 15.4    | 15.6 | 16.1 |     | 16.6 | 17.0 | 16.4         |           |                    |      |             |          |            |            |
| 11 Nov.    |                     | 5.5                   | 13.0       | 0.4        | 19.7            | -3.8            | 8.3     | 9.0  | 10.7 |     | 12.2 | 14.2 | 15.0         |           |                    |      |             |          |            |            |
| 12 Dec.    |                     | 0.8                   | 8.6        | -3.5       | 13.6            | -8.7            | 2.4     | 3.2  | 5.7  |     | 7.6  | 10.8 | 12.9         |           |                    |      |             |          |            |            |

\* 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<br>(mm) |                                  |                             |                        |  |
| 1 Jan.     | 39.5                       | 26.5       | 4  | 4     | 2     | 2     | 2    | 0            | 0                                | 9.0                         | 5                      | 霜<br>Frost<br>霜柱<br>Frost Colum.<br>降雪<br>Snow Fall<br>積雪<br>Snow Cover<br>結氷<br>Ice |
| 2 Feb.     | 11.5                       | 7.0        | 13   | 4     | 3     | 1     | 0    | 0            | 0                                | 4.5                         | 5                      |  |
| 3 Mar.     |                            |            |  |       |       |       |      |              |                                  | 15.5                        | 5                      |  |
| 4 Apr.     | 43.0                       | 12.5       | 12   | 16    | 10    | 3     | 1    | 0            | 0                                | 0.0                         | 0                      |  |
| 5 May      | 92.0                       | 20.5       | 5  | 14    | 11    | 6     | 4    | 0            | 0                                | 0.0                         | 0                      |  |
| 6 June     | 150.5                      | 32.5       | 14   | 20    | 12    | 9     | 5    | 0            | 0                                | 0.0                         | 0                      |  |
| 7 July     | 187.0                      | 41.0       | 5  | 20    | 18    | 14    | 6    | 0            | 0                                | 0.0                         | 0                      |  |
| 8 Aug.     | 77.0                       | 35.5       | 23   | 10    | 6     | 3     | 3    | 0            | 0                                | 0.0                         | 0                      |  |
| 9 Sep.     | 216.0                      | 83.0       | 17   | 12    | 10    | 5     | 4    | 2            | 0                                | 0.0                         | 0                      |  |
| 10 Oct.    | 65.5                       | 30.5       | 8  | 14    | 9     | 3     | 2    | 0            | 0                                | 0.0                         | 0                      |  |
| 11 Nov.    | 49.0                       | 24.5       | 20   | 4     | 3     | 2     | 2    | 0            | 0                                | 0.0                         | 0                      |  |
| 12 Dec.    | 6.5                        | 3.0        | 14   | 6     | 2     | 0     | 0    | 0            | 0                                | 0.0                         | 0                      |  |
| 年 Year     |                            |            |  |       |       |       |      |              |                                  | 15.5                        | 15                     |  |

欠測月日 (Not Measured Date)

Mean Air Temp.: Jan 12 Feb 14,26,27,28 May 15,16

Max. Air Temp.: Jan 12 Feb 14,26,27,28 May 15,16

Min. Air Temp.: Jan 12 Feb 14,26,27,28 May 15,16

Soil Temp. 0.0m/0.1m/0.2m/0.5m/1.0m/2.0m: May 15,16

Precipitation: Feb 27,28 May 15,16

1996年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1996

| 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.     |                     | 0.1                   | 7.3        | -4.6       | 17.5            | -10.3           | 1.6     | 2.1  | 4.1  |     | 5.4  | 8.2  | 10.6         |           |                    |      |             |          |            |            |
| 2 Feb.     |                     | -0.8                  | 6.0        | -5.5       | 21.7            | -11.9           | 1.5     | 1.9  | 3.4  |     | 4.5  | 6.9  | 9.0          |           |                    |      |             |          |            |            |
| 3 Mar.     |                     | 2.8                   | 9.6        | -2.1       | 18.9            | -7.8            | 5.0     | 4.9  | 5.1  |     | 5.2  | 6.3  | 7.9          |           |                    |      |             |          |            |            |
| 4 Apr.     |                     | 6.7                   | 13.8       | 1.1        | 26.8            | -6.8            | 9.3     | 9.0  | 8.3  |     | 7.9  | 7.8  | 8.1          |           |                    |      |             |          |            |            |
| 5 May      |                     | 13.0                  | 19.4       | 7.9        | 26.5            | 2.3             | 14.7    | 14.0 | 12.6 |     | 11.6 | 10.1 | 9.3          |           |                    |      |             |          |            |            |
| 6 June     |                     | 18.0                  | 22.9       | 14.3       |                 | 8.3             | 19.7    | 19.1 | 17.4 |     | 15.9 | 13.5 | 11.5         |           |                    |      |             |          |            |            |
| 7 July     |                     | 21.3                  | 26.6       | 17.2       | 33.1            | 13.6            | 22.8    | 22.2 | 20.4 |     | 19.0 | 16.5 | 14.0         |           |                    |      |             |          |            |            |
| 8 Aug.     |                     | 21.0                  | 25.6       | 17.6       | 32.9            | 13.8            | 23.1    | 22.9 | 21.8 |     | 21.0 | 18.8 | 16.3         |           |                    |      |             |          |            |            |
| 9 Sep.     |                     | 16.2                  | 20.9       | 12.5       | 29.1            | 5.4             | 18.6    | 18.6 | 18.5 |     | 18.5 | 18.0 | 16.6         |           |                    |      |             |          |            |            |
| 10 Oct.    |                     | 11.2                  | 16.8       | 6.8        | 21.3            | -0.6            | 13.8    | 14.0 | 14.8 |     | 15.3 | 16.0 | 15.8         |           |                    |      |             |          |            |            |
| 11 Nov.    |                     | 6.7                   | 12.3       | 2.7        | 19.0            | -3.0            | 9.2     | 9.7  | 11.1 |     | 12.2 | 13.8 | 14.4         |           |                    |      |             |          |            |            |
| 12 Dec.    |                     | 2.8                   | 9.6        | -2.3       | 14.0            | -5.8            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 年 Year     |                     | 9.9                   | 15.9       | 5.5        |                 | -11.9           |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |

\* 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.     | 17.0                       | 9.0        | 8           | 7   | 4     | 1     | 0    | 0    | 0             |                                  |                             |                        |                       |
| 2 Feb.     | 44.0                       | 12.0       | 18          | 9   | 7     | 4     | 1    | 0    | 0             |                                  |                             | 霜<br>Frost             |                       |
| 3 Mar.     | 110.5                      | 29.5       | 17,30       | 15  | 10    | 5     | 3    | 0    | 0             |                                  |                             | 霜柱<br>Frost Colum.     |                       |
| 4 Apr.     | 45.5                       | 27.5       | 16          | 8   | 7     | 2     | 1    | 0    | 0             |                                  |                             | 降雪<br>Snow Fall        |                       |
| 5 May      | 70.5                       | 25.0       | 5           | 8   | 6     | 4     | 2    | 0    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 6 June     | 98.5                       | 34.5       | 26          | 12  | 10    | 6     | 2    | 0    | 0             |                                  |                             | 結氷<br>Ice              |                       |
| 7 July     | 198.5                      | 75.5       | 21          | 16  | 15    | 6     | 4    | 1    | 0             |                                  |                             |                        |                       |
| 8 Aug.     | 60.5                       | 17.0       | 15          | 12  | 9     | 5     | 2    | 0    | 0             |                                  |                             |                        |                       |
| 9 Sep.     | 333.5                      | 148.0      | 22          | 13  | 12    | 8     | 6    | 2    | 1             |                                  |                             |                        |                       |
| 10 Oct.    | 87.0                       | 43.5       | 8           | 10  | 8     | 5     | 2    | 0    | 0             |                                  |                             |                        |                       |
| 11 Nov.    | 62.5                       | 21.5       | 2           | 12  | 8     | 5     | 2    | 0    | 0             |                                  |                             |                        |                       |
| 12 Dec.    | 29.5                       | 19.0       | 5           | 4   | 3     | 2     | 1    | 0    | 0             |                                  |                             |                        |                       |
| 年 Year     | 1,157.5                    | 148.0      | Sep.22      | 126   | 99    | 53    | 26   | 3    | 1             |                                  |                             |                        |                       |

欠測月日 (Not Measured Date)

Mean Air Temp.: Mar 28, Dec 13,18

Max.Air Temp.: Mar 28 Jun 11,13 Dec 13

Min.Air Temp.: Mar 28 Dec 13,18

Soil Temp.0.0m/0.1m/0.2m/0.5m/1.0m/2.0m: Mar 28,29,30,31 Apr 1,2,3

Precipitation: Mar 28

1997年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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<br>% | 平均<br>Mean | 最大<br>Max. |
| 1 Jan.     |                     | -0.1                  | 7.5        | -5.1       | 12.8            | -10.4           | 2.8     | 3.4  | 5.1  |     | 6.5  | 9.1  | 11.1         |           |                    |      | 116.5            | 37         | 0.6        |
| 2 Feb.     |                     | 0.5                   | 8.5        | -4.9       | 16.1            | -10.1           | 3.2     | 3.4  | 4.5  |     | 5.2  | 7.4  | 9.4          |           |                    |      | 155.6            | 51         | 0.4        |
| 3 Mar.     |                     | 4.9                   | 12.4       | -1.0       | 22.2            | -5.1            | 7.1     | 7.0  | 6.9  |     | 6.7  | 7.3  | 8.2          |           |                    |      | 173.5            | 47         | 0.3        |
| 4 Apr.     |                     | 10.2                  | 16.8       | 5.1        | 25.5            | -1.5            | 11.3    | 11.1 | 10.2 |     | 9.5  | 8.9  | 8.7          |           |                    |      | 141.3            | 36         | 0.1        |
| 5 May      |                     | 14.3                  | 19.8       | 9.3        | 28.4            | 3.1             | 15.0    | 14.6 | 13.7 |     | 12.7 | 11.3 | 10.3         |           |                    |      | 115.5            | 27         | 0.1        |
| 6 June     |                     | 18.1                  | 23.4       | 13.7       | 32.9            | 6.9             | 18.6    | 18.1 | 17.0 |     | 15.7 | 13.8 | 12.1         |           |                    |      | 116.0            | 27         | 0.1        |
| 7 July     |                     | 21.9                  | 26.4       | 18.2       | 34.1            | 14.7            | 21.7    | 21.4 | 20.4 |     | 19.2 | 17.0 | 14.5         |           |                    |      | 99.5             | 23         | 0.1        |
| 8 Aug.     |                     | 22.4                  | 27.4       | 18.4       | 35.4            | 13.9            | 23.3    | 23.0 | 21.9 |     | 20.8 | 18.7 | 16.2         |           |                    |      | 131.3            | 32         | 0.0        |
| 9 Sep.     |                     | 17.5                  | 21.2       | 14.6       | 30.4            | 7.1             | 19.5    | 19.6 | 19.6 |     | 19.6 | 18.9 | 17.1         |           |                    |      | 63.7             | 17         | 0.0        |
| 10 Oct.    |                     | 11.8                  | 19.2       | 6.4        | 25.0            | 1.4             | 13.6    | 14.0 | 14.9 |     | 15.6 | 16.5 | 16.2         |           |                    |      | 137.6            | 41         | 0.1        |
| 11 Nov.    |                     | 7.7                   | 13.8       | 3.3        | 19.7            | -1.2            | 9.4     | 9.8  | 11.1 |     | 12.2 | 14.0 | 14.7         |           |                    |      | 67.0             | 22         | 0.1        |
| 12 Dec.    |                     | 2.9                   | 9.3        | -1.5       | 15.4            | -6.4            | 4.9     | 5.3  | 7.2  |     | 8.7  | 11.2 | 12.7         |           |                    |      | 50.0             | 16         | 0.3        |
| 年 Year     |                     | 11.0                  | 17.2       | 6.4        | 35.4            | -10.4           | 12.5    | 12.6 | 12.7 |     | 12.7 | 12.8 | 12.6         |           |                    |      | 1,367.5          | 31         | 0.2        |

\* 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.     | 22.5                       | 9.5        | 5           | 7  | 5     | 2     | 0    | 0    | 0             |                                  |                             |                        |                       |
| 2 Feb.     | 11.0                       | 10.5       | 16          | 2  | 1     | 1     | 1    | 0    | 0             |                                  |                             | 霜<br>Frost             |                       |
| 3 Mar.     | 41.0                       | 14.5       | 29          | 9  | 7     | 3     | 1    | 0    | 0             |                                  |                             | 霜柱<br>Frost Colum.     |                       |
| 4 Apr.     | 88.0                       | 40.5       | 6           | 11   | 9     | 3     | 2    | 0    | 0             |                                  |                             | 降雪<br>Snow Fall        |                       |
| 5 May      | 156.5                      | 28.5       | 24          | 15   | 15    | 10    | 6    | 0    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 6 June     | 190.5                      | 96.0       | 20          | 15   | 13    | 8     | 4    | 1    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 7 July     | 154.5                      | 34.5       | 26          | 15   | 12    | 9     | 5    | 0    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 8 Aug.     | 48.0                       | 11.5       | 27          | 16   | 12    | 3     | 2    | 0    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 9 Sep.     | 193.0                      | 41.0       | 15          | 18   | 16    | 13    | 9    | 0    | 0             |                                  |                             | 積雪<br>Snow Cover       |                       |
| 10 Oct.    | 10.0                       | 5.5        | 4           | 3  | 3     | 1     | 0    | 0    | 0             |                                  |                             | 結氷<br>Ice              |                       |
| 11 Nov.    | 113.0                      | 43.0       | 26          | 12   | 10    | 5     | 4    | 0    | 0             |                                  |                             |                        |                       |
| 12 Dec.    | 32.5                       | 13.5       | 16          | 10   | 7     | 2     | 1    | 0    | 0             |                                  |                             |                        |                       |
| 年 Year     | 1,060.5                    | 96.0       | June 20     | 133  | 110   | 60    | 35   | 1    | 0             |                                  |                             |                        |                       |

欠測月日 (Not Measured Date)

Mean Air Temp.: Oct 6

Max. Air Temp.: Oct 6

Min. Air Temp.: Oct 6

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

Precipitation: Oct 6

Hours of Sunshine: Oct 6

Mean Wind Velocity: Oct 6

1998年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto 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>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.     |                     | -0.5                  | 6.0        | -4.9       | 14.6                       | -10.6      | 2.7     | 3.0  | 4.6  |     | 6.2  | 8.8  | 10.9         |           |                    |      | 73.8             | 24         | 0.4        |
| 2 Feb.     |                     | 1.3                   | 7.9        | -3.4       | 19.8                       | -8.2       | 2.5     | 2.8  | 4.0  |     | 4.8  | 6.9  | 8.9          |           |                    |      | 97.6             | 32         | 0.5        |
| 3 Mar.     |                     | 4.5                   | 12.0       | -0.9       | 23.9                       | -6.5       | 5.5     | 5.4  | 5.7  |     | 5.6  | 6.4  | 7.5          |           |                    |      | 163.6            | 44         | 0.8        |
| 4 Apr.     |                     | 11.9                  | 16.9       | 7.7        | 27.1                       | -2.9       | 11.5    | 11.2 | 10.5 |     | 9.4  | 8.4  | 7.9          |           |                    |      | 95.3             | 24         | 0.1        |
| 5 May      |                     | 15.9                  | 21.2       | 11.6       | 27.7                       | 6.8        | 15.8    | 15.5 | 14.7 |     | 13.5 | 11.7 | 10.1         |           |                    |      | 101.8            | 24         | 0.1        |
| 6 June     |                     | 17.0                  | 20.7       | 14.0       | 29.6                       | 9.4        | 17.3    | 17.0 | 16.3 |     | 15.4 | 13.9 | 12.1         |           |                    |      | 66.2             | 15         | 0.0        |
| 7 July     |                     | 21.4                  | 25.7       | 18.0       | 34.2                       | 14.5       | 22.3    | 21.8 | 20.4 |     | 19.1 | 16.7 | 14.2         |           |                    |      | 89.8             | 20         | 0.0        |
| 8 Aug.     |                     | 22.3                  | 26.7       | 19.3       | 30.2                       | 14.2       | 23.3    | 23.0 | 22.1 |     | 21.1 | 19.1 | 16.3         |           |                    |      | 83.5             | 21         | 0.0        |
| 9 Sep.     |                     |                       |            |            |                            |            |         |      |      |     |      |      |              |           |                    |      |                  |            |            |
| 10 Oct.    |                     | 14.3                  | 19.1       | 10.8       | 25.7                       | 6.4        | 16.3    | 16.5 | 17.0 |     | 17.6 | 18.1 | 17.0         |           |                    |      | 76.1             | 22         | 0.1        |
| 11 Nov.    |                     | 7.4                   | 14.1       | 2.9        | 20.7                       | -2.2       | 9.6     | 10.4 | 12.2 |     | 13.6 | 15.5 | 16.0         |           |                    |      | 70.7             | 23         | 0.2        |
| 12 Dec.    |                     | 3.0                   | 9.6        | -1.0       | 16.4                       | -4.5       | 4.4     | 5.2  | 7.5  |     | 9.3  | 12.3 | 14.0         |           |                    |      | 53.0             | 17         | 0.1        |

\* 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)<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.     | 153.0                      | 47.5       | 15          | 19   | 14    | 5     | 4    | 0    | 0             | 67.0                             | 8                           |                        |                       |
| 2 Feb.     | 92.5                       | 27.5       | 15          | 17   | 11    | 5     | 3    | 0    | 0             | 19.0                             | 6                           | 霜                      |                       |
| 3 Mar.     | 71.0                       | 26.0       | 1           | 14   | 12    | 3     | 1    | 0    | 0             | 27.0                             | 4                           | 霜柱                     |                       |
| 4 Apr.     | 217.5                      | 46.0       | 15          | 19   | 15    | 10    | 7    | 0    | 0             | 12.0                             | 1                           | 降雪                     | Colum.                |
| 5 May      | 139.5                      | 30.0       | 25          | 17   | 14    | 8     | 5    | 0    | 0             | 0.0                              | 0                           | 降雪                     |                       |
| 6 June     | 162.5                      | 31.5       | 22          | 24   | 16    | 9     | 6    | 0    | 0             | 0.0                              | 0                           | 積雪                     | Fall                  |
| 7 July     | 204.5                      | 66.0       | 30          | 16   | 13    | 11    | 6    | 1    | 0             | 0.0                              | 0                           | 積雪                     |                       |
| 8 Aug.     | 192.5                      | 53.0       | 30          | 19   | 17    | 10    | 5    | 1    | 0             | 0.0                              | 0                           | 積雪                     | Cover                 |
| 9 Sep.     |                            |            |             |  |       |       |      |      |               | 0.0                              | 0                           | 結氷                     |                       |
| 10 Oct.    | 190.5                      | 63.5       | 17          | 16   | 13    | 7     | 4    | 1    | 0             | 0.0                              | 0                           | 結氷                     |                       |
| 11 Nov.    | 5.5                        | 4.5        | 23          | 2  | 2     | 0     | 0    | 0    | 0             | 2.0                              | 1                           |                        |                       |
| 12 Dec.    | 27.0                       | 11.5       | 5           | 8  | 5     | 2     | 1    | 0    | 0             | 2.0                              | 1                           |                        |                       |
| 年 Year     |                            |            |             |  |       |       |      |      |               | 67.0                             | 21                          |                        |                       |

欠測月日 (Not Measured Date)

Max. Air Temp.: Aug 31

Min. Air Temp.: Aug 31

Soil Temp. 0.0m/0.1m/0.2m/0.5m/1.0m/2.0m: Aug 31

Precipitation: Aug 31

Hour of Sunshine: Aug 31

Mean Wind Velocity: Aug 31

Snow Depth: Jan 10, 11, 17, 18

1999年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 1999

| 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.     |                     | 0.2                   | 7.5        | -4.3       | 13.6            | -8.5            | 1.4     | 2.1  | 4.4  |     | 6.2  | 9.4  | 11.7         |           |                    |      | 71.8             | 23         | 0.2        |
| 2 Feb.     |                     | 0.2                   | 7.9        | -5.1       | 16.5            | -11.0           | 2.3     | 2.7  | 4.2  |     | 5.4  | 7.8  | 9.8          |           |                    |      | 117.8            | 39         | 0.3        |
| 3 Mar.     |                     | 4.8                   | 11.0       | -0.1       | 18.4            | -6.3            | 6.8     | 6.9  | 7.0  |     | 7.0  | 7.7  | 8.7          |           |                    |      | 129.3            | 35         | 0.2        |
| 4 Apr.     |                     | 9.5                   | 15.8       | 4.5        | 22.7            | -2.8            | 11.1    | 10.8 | 10.1 |     | 9.4  | 9.0  | 8.9          |           |                    |      | 136.5            | 34         | 0.2        |
| 5 May      |                     | 14.4                  | 20.1       | 9.7        | 27.9            | 3.8             | 15.5    | 15.1 | 13.9 |     | 13.1 | 11.6 | 10.4         |           |                    |      | 132.3            | 31         | 0.2        |
| 6 June     |                     | 18.2                  | 23.1       | 14.1       | 28.7            | 8.2             | 19.5    | 19.1 | 17.7 |     | 16.5 | 14.4 | 12.4         |           |                    |      | 95.8             | 22         | 0.1        |
| 7 July     |                     | 21.5                  | 25.9       | 17.9       | 34.3            | 11.1            | 22.7    | 22.2 | 20.9 |     | 19.6 | 17.5 | 15.0         |           |                    |      | 101.7            | 23         | 0.1        |
| 8 Aug.     |                     | 23.1                  | 28.3       | 19.3       | 33.3            | 17.5            | 24.5    | 24.2 | 23.1 |     | 22.1 | 20.2 | 17.6         |           |                    |      | 120.2            | 29         | 0.2        |
| 9 Sep.     |                     | 20.4                  | 24.7       | 17.3       | 30.6            | 12.9            | 22.5    | 22.4 | 22.2 |     | 21.8 | 20.6 | 18.5         |           |                    |      | 84.2             | 23         | 0.2        |
| 10 Oct.    |                     | 13.3                  | 18.5       | 9.6        | 26.1            | 3.4             | 16.2    | 16.4 | 17.4 |     | 18.1 | 18.7 | 17.9         |           |                    |      | 84.5             | 24         | 0.1        |
| 11 Nov.    |                     | 7.5                   | 13.8       | 3.2        | 20.4            | -1.2            | 9.8     | 10.3 | 12.1 |     | 13.5 | 15.3 | 16.1         |           |                    |      | 64.1             | 21         | 0.2        |
| 12 Dec.    |                     | 2.5                   | 9.4        | -1.8       | 14.4            | -5.5            | 3.2     | 3.9  | 6.7  |     | 8.8  | 12.1 | 13.9         |           |                    |      | 58.1             | 19         | 0.3        |
| 年 Year     |                     | 11.3                  | 17.2       | 7.0        | 34.3            | -11.0           | 13.0    | 13.0 | 13.3 |     | 13.5 | 13.7 | 13.4         |           |                    |      | 1,196.3          | 27         | 0.2        |

\* 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.     | 6.0                        | 4.5        | 25          | 3   | 2     | 0     | 0    | 0    | 0             |                                  |                             |                        | 霜                     |
| 2 Feb.     | 35.0                       | 9.5        | 27          | 14  | 8     | 2     | 0    | 0    | 0             |                                  |                             |                        | Frost                 |
| 3 Mar.     | 86.5                       | 21.0       | 15          | 19  | 15    | 5     | 3    | 0    | 0             |                                  |                             |                        | 霜柱                    |
| 4 Apr.     | 233.5                      | 95.0       | 11          | 17  | 12    | 7     | 3    | 2    | 0             |                                  |                             |                        | Frost Colum.          |
| 5 May      | 113.5                      | 44.0       | 4           | 14  | 11    | 3     | 3    | 0    | 0             |                                  |                             |                        | 降雪                    |
| 6 June     | 230.5                      | 80.5       | 30          | 19  | 14    | 10    | 5    | 1    | 0             |                                  |                             |                        | Snow Fall             |
| 7 July     | 234.5                      | 85.5       | 11          | 16  | 12    | 9     | 7    | 1    | 0             |                                  |                             |                        | 積雪                    |
| 8 Aug.     | 434.0                      | 346.0      | 14          | 13  | 12    | 6     | 3    | 1    | 1             |                                  |                             |                        | Snow Cover            |
| 9 Sep.     | 188.5                      | 58.0       | 21          | 16  | 14    | 10    | 4    | 1    | 0             |                                  |                             |                        | 結氷                    |
| 10 Oct.    | 116.0                      | 72.0       | 27          | 9   | 6     | 4     | 3    | 1    | 0             |                                  |                             |                        | Ice                   |
| 11 Nov.    | 52.5                       | 22.0       | 1           | 12  | 7     | 3     | 2    | 0    | 0             |                                  |                             |                        |                       |
| 12 Dec.    | 0.5                        | 0.5        | 30          | 1   | 0     | 0     | 0    | 0    | 0             |                                  |                             |                        |                       |
| 年 Year     | 1,731.0                    | 346.0      | Aug.14      | 153   | 113   | 59    | 33   | 7    | 1             |                                  |                             |                        |                       |

欠測月日 (Not Measured Date)

2000年

氣象年報

秩父演習林栃本

Annual Report of Meteorological Data at Tochimoto in 2000

| 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 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.     |                     | 1.2                   | 7.4        | -3.0       |                         |            | 2.7     | 3.2  | 5.2  |     | 6.6  | 9.4  | 11.6         |           |                    |      | 54.8        | 18       | 0.2        |            |
| 2 Feb.     |                     | -1.0                  | 6.8        | -6.0       |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 3 Mar.     |                     | 3.0                   | 10.6       | -2.5       |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 4 Apr.     |                     | 8.6                   | 15.8       | 2.8        |                         |            | 10.8    | 10.6 | 10.3 |     | 9.5  | 8.9  | 8.9          |           |                    |      | 142.1       | 36       | 0.3        |            |
| 5 May      |                     | 14.5                  | 20.7       | 9.8        |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 6 June     |                     | 17.4                  | 22.2       | 13.4       |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 7 July     |                     | 22.2                  | 28.4       | 17.6       |                         |            | 24.2    | 23.5 | 22.3 |     | 20.7 | 18.2 | 15.5         |           |                    |      | 123.7       | 28       | 0.5        |            |
| 8 Aug.     |                     | 22.0                  | 27.9       | 18.2       |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 9 Sep.     |                     | 18.7                  | 23.6       | 15.1       |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 10 Oct.    |                     | 12.6                  | 17.0       | 9.4        |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |
| 11 Nov.    |                     | 7.4                   | 13.5       | 3.3        |                         |            | 9.5     | 10.2 | 10.9 |     | 12.7 | 15.1 | 17.2         | 84        |                    |      | 135.9       | 44       |            |            |
| 12 Dec.    |                     | 2.5                   | 9.7        | -2.5       |                         |            | 3.2     | 4.0  | 5.0  |     | 7.2  | 10.5 | 14.4         | 64        |                    |      | 180.6       | 60       |            |            |
| 年 Year     |                     | 10.8                  | 17.0       | 6.3        |                         |            |         |      |      |     |      |      |              |           |                    |      |             |          |            |            |

\* 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.     | 93.5                       | 46.0       | 6           | 14   | 7     | 4     | 2    | 0    | 0             |                                  |                             |                        |                       |
| 2 Feb.     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 3 Mar.     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 4 Apr.     | 94.0                       | 27.5       | 20          | 14   | 11    | 7     | 3    | 0    | 0             |                                  |                             |                        |                       |
| 5 May      |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 6 June     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 7 July     | 263.5                      | 65.5       | 8           | 16   | 13    | 9     | 8    | 2    | 0             |                                  |                             |                        |                       |
| 8 Aug.     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 9 Sep.     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 10 Oct.    |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |
| 11 Nov.    | 123.5                      | 44.5       | 2           | 9  | 8     | 5     | 4    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 12 Dec.    | 0.0                        | 0.0        |             | 0  | 0     | 0     | 0    | 0    | 0             | 0.0                              | 0                           |                        |                       |
| 年 Year     |                            |            |             |  |       |       |      |      |               |                                  |                             |                        |                       |

欠測月日 (Not Measured Date)